



■ Just feel well

Design, Installation & Maintenance instruction

FlowLogic III HR

Outdoor units - Heat recovery



Airwell
Residential

Contents

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Part 1 General Information

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1.1 Safety

- This manual should always be accessible and close to this air condition equipment.
- There are two types of indications, "⚠️WARNING" and "⚠️CAUTION". The indication preventing from death or heavy injury is listed as "⚠️WARNING". Even the indication listed as "⚠️CAUTION" may also cause serious accident. Both of them are related to safety, and should be strictly followed.
- After installation and start-up commissioning, please handover the manual to the user. The manual should be well kept in safe place and close to the unit.

⚠️ WARNING

- The installation or the maintenance should be performed by an authorized agency. The wrong operation of this air condition equipment may cause water leakage, electric shock or fire
 - Please install the unit on the top of a solid foundation or structure which is strong enough to support the unit.
 - The installation of this air condition equipment should follow local construction codes.
 - Use the right cable size, secure the terminal firmly, organize the cables well and make sure no tension is added on cables. Cable insulation should not be damaged. The incorrect installation may lead to overheat or fire
 - When installing or moving the unit, the refrigerant system should be vacuumed and recharged with R-410A refrigerant. If any other gas enters the system, it may lead to abnormal high pressure which may cause damage or injury.
 - Please use the proper manifolds or branches during the system installation. The wrong parts may cause refrigerant leakage.
 - Keep the drain pipe away from toxic gas vents to prevent possible pollution of indoor environment.
 - During or after the installation, please check whether there is refrigerant leakage. If any leakage, please take any measures for ventilation. The refrigerant may be toxic at some concentration levels.
 - The unit is not explosion-proof. Please keep it away from flammable gases
 - The drain pipe should be installed per this manual to ensure proper drainage. The pipe should be well insulated to avoid condensation. Wrong installation may lead to water leakage.
- Both liquid pipe and the gas pipe should be also well insulated. Not enough insulation may lead to system performance deterioration or humidity formation.
- This air condition equipment is not intended to be operated by persons with lack of experience and training, unless they have supervision or instruction concerning use of this air condition equipment.
 - Please keep children away from this air condition equipment.

 CAUTION

- Grounding wire should be connected with the grounding bar. The grounding wire can not be connected to the gas pipe, water pipe, lightening rod or the telephone grounding wire. Improper grounding may cause electric shock.
- Units installed on roof should have appropriate access and handrail.
- Use the wrench to fasten the nut and flare at proper torque. Excessive torque may cause flared section to broke leading to refrigerant leakage.
- After refrigerant pipe installation, please take nitrogen leakage test to avoid refrigerant leakage.
- R-410A is the only permitted refrigerant.
- To avoid mischarging wrong refrigerant, the check valve diameter is changed for R-410A. To strengthen the pipe, the flared pipe dimension is also changed. Please use R-410 specified tools as shown below .

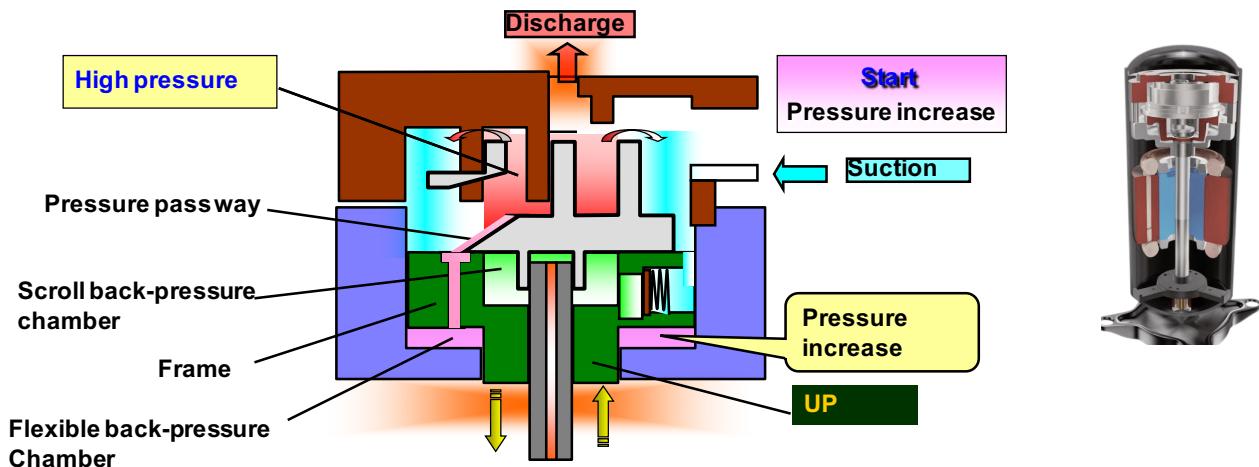
| | R-410A specified tools | Remarks |
|---|---|---|
| 1 | Gauge manifold | Range: HP>4.5MPa,LP>2MPa |
| 2 | Charge hose | Pressure: HP 5.3MPa, LP 3.5MPa |
| 3 | Electronic weight for charging R-410A | No other means permitted |
| 4 | Torque wrench | |
| 5 | Flare tool | |
| 6 | Copper pipe gauge for adjusting projecting margin | |
| 7 | Vacuum pump fitting | Vacuum pump must be equipped with check valve |
| 8 | Leakage detector | Only Helium detector permitted |

- When charging refrigerant, the refrigerant must be in liquid state from the tank.
- To prevent EMC interference on other appliances, please keep indoor unit, outdoor unit, power cable and connecting wire at least 1m away from those appliances.
- Fluorescent lamp (reverse phase or rapid start type) may interfere with the remote controller's signal. Please install indoor unit away from fluorescent lamp. The farther the better.

1.2 Feature

1.2.1 High efficiency DC inverter scroll compressor, high efficiency, low noise.

The highly efficient scroll compressor is equipped with a "Frame Compliance Mechanism" that allows movement in the axial direction of the frame supporting the cradle scroll. This greatly reduces both leakage and friction loss, ensuring very high efficiency throughout the speed range



1.2.2 User friendly outdoor structure

Core technologies and parts

1 Patent fan design and DC fan motor

- Air flow improved by 17.5% with patent fan design
- Noise reduced 3 dB/A with DC fan Motor.

2 2 stages heat exchanger

- separate control and heat exchanger size can be adjusted ,effectively cope with small load operation, to ensure reliable operation .

3 Forced heat dissipation fan

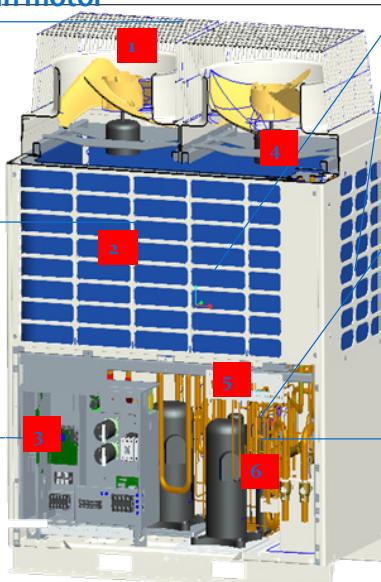
- Forced heat dissipation fan inside the Electric control box, to ensure the stable Internal temperature and stable system Operation.

4 4 way air return

- Reduce the heat exchanger height(650mm),and the upper and lower wind speed uniform and high efficiency.

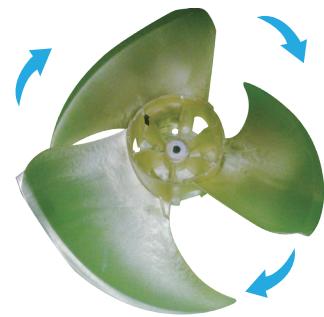
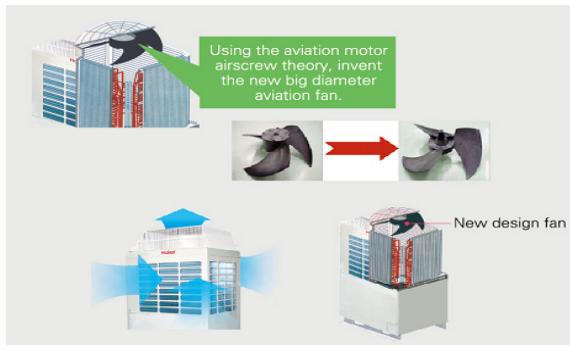
5 Double EEV design

- DC inverter scroll compressor from Mitsubishi Electric
- For big module, also with another fixed-speed compressor from Mitsubishi Electric.



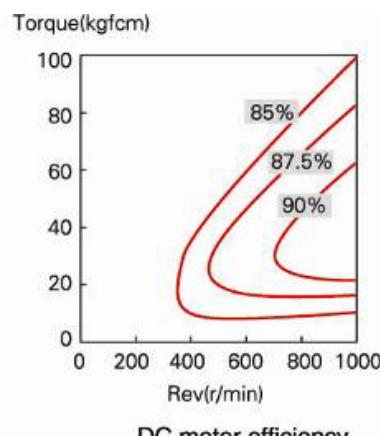
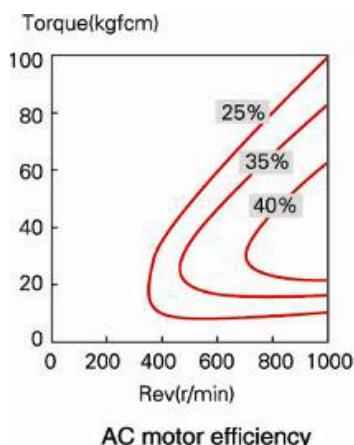
1.2.3 New big diameter "aviation" fan

The new fan could reduce air loss, air resistance and noise, increase heat exchange efficiency . The unit adopts the 4-way air returned heat exchanger technology. The compressor and condenser are placed in separated compartments. This structure of outdoor unit can realize lower air resistance, higher heat efficiency and lower noise level.



1.2.4 High efficiency DC fan motor

- Efficiency increase 45% comparing with AC motor and power input largely decrease
- 64 stage speed adjustment plus DC inverter drive, stabilizing compressor discharge pressure and suction pressure to ensure high system reliability



1.2.5 Heat exchanger adopts the sub-cooling technology, to keep the refrigerant in indoor unit flowing normally, further to enhance the unit efficiency greatly.

Two stage deep sub cooling technology

- 1st stage sub cooling added a sub cooling coil to Condenser

- 2nd stage sub cooling added a stand alone Sub Cooler

After further cooling, sub-cooling degree can be up to 30 with the heat exchanging capacity per unit mass of refrigerant improved by 46% and flow resistance reduced by 55%, and running efficiency improved by



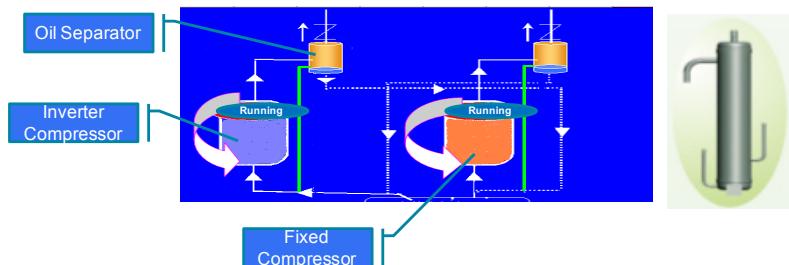
1.2.6 Flexible installation and design

Connected indoor unit quantity can be up to 64 sets in maximum. And the total indoor capacity can be 50% ~ 130% of outdoor capacity.

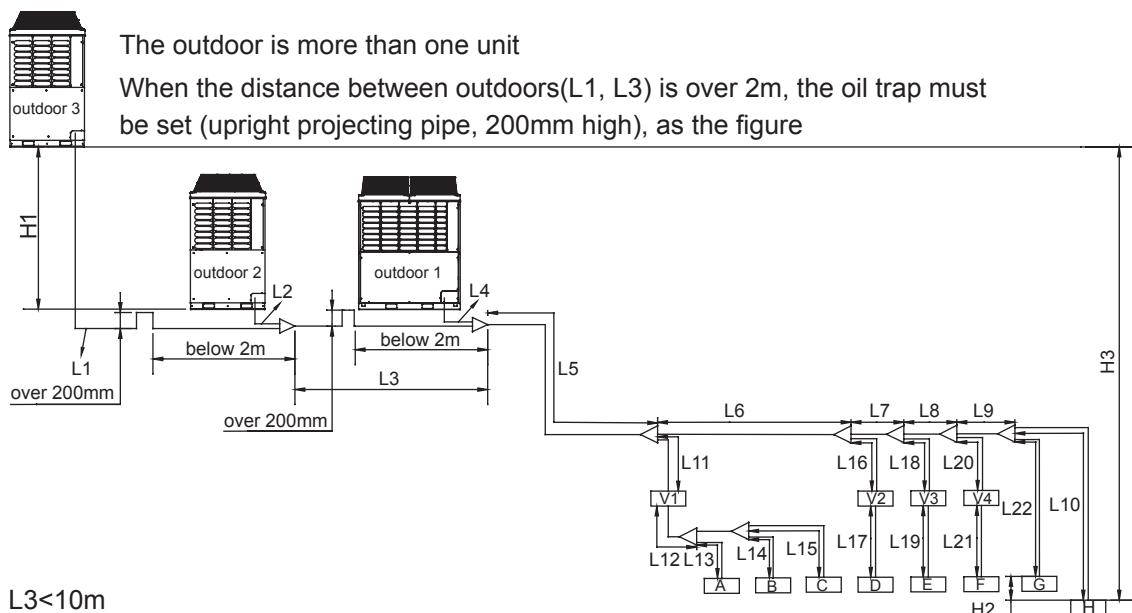
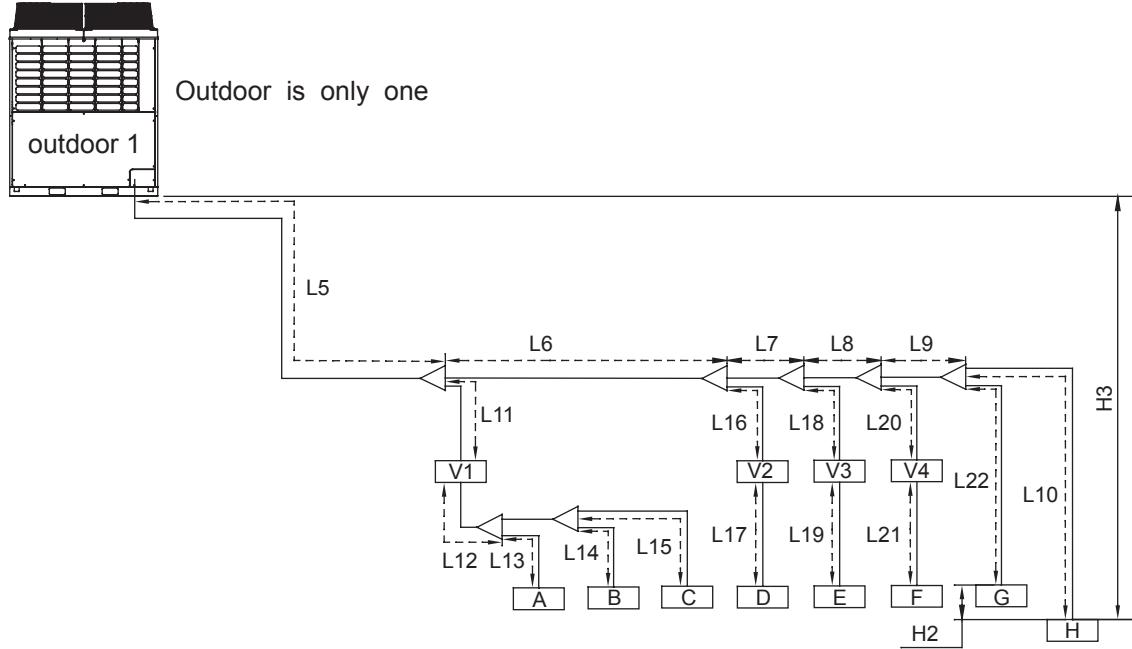
If there are multiple outdoor units, the outdoor units will be in running by turns with much longer life. Multiple types of indoor unit can be chosen for different requirements.

1.2.7 The first oil 2-stages separation and cross oil return technology in the industry

- 1st stage oil separation: built-in oil separating unit ,greatly reduced the oil from the compressor discharge
- 2nd stage oil separation: external oil separator to separate the small amount oil from discharge
- Cross oil return: on the one hand to ensure the own compressor oil (green line) ,on the other hand to supply the redundant oil to other compressor (dotted line)



1.2.8 Outdoor pipe length and height drop



$L_3 < 10m$
 $L_1 + L_3 < 10m$
 $L_2 + L_3 < 10m$

Note:

V1---V4: VP unit

A---F: Indoors (cooling / heating selection possible)

G---H: Indoors (cooling only)

| | Max. length | Pipe in above figure |
|---|-------------|--|
| Single way total pipe length | 300 | L1+L2+L3.....+L22 |
| Single way max. pipe length | 175 | L0+L3+L4+ L5+L6+L7+L8+L9+L10 |
| Max.pipe length after 1st branch pipe | 40 | L5+L6+L7+L8+L9+L10 |
| Main pipe actual length | 135 | L0+L3+L4 |
| Height difference between indoors | 15 | H2 |
| Height difference between outdoors | 5 | H1 |
| Height difference between outdoors and indoors | 50 40 | H3 when outdoor is upper H3 when outdoor is lower |
| Max.pipe length between indoors and the nearest branch pipe | 30 | --- |

When outdoor is only one, Single way max. pipe length = L4+ L5+L6+L7+L8+L9+L10≤175m

Single way total pipe length = L4+L5+L6.....+L22

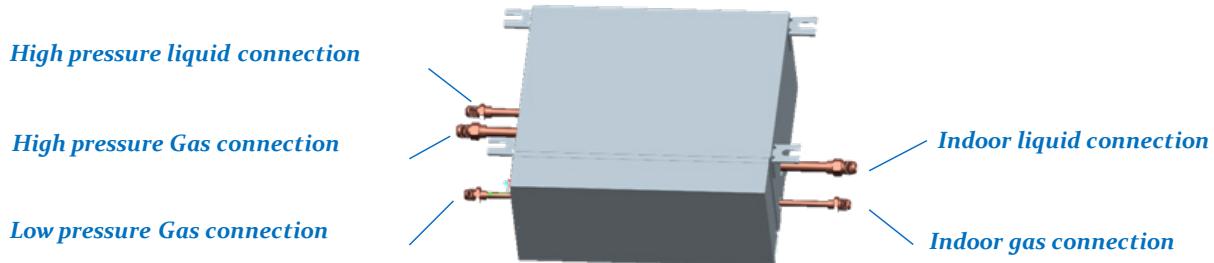
1.2.9 Operation Range of Air Conditioner

| | | | | |
|------------------------|---------|------|---------|-----------|
| Cooling dry | Indoor | Max. | DB:32°C | WB:23°C |
| | | Min. | DB:18°C | WB:14°C |
| | Outdoor | Max. | DB:43°C | |
| | | Min. | DB:-5°C | |
| Heating | Indoor | Max. | DB:27°C | |
| | | Min. | DB:15°C | |
| | Outdoor | Max. | | WB:15.5°C |
| | | Min. | | WB:-15°C |
| Cooling and heating | Indoor | Max. | DB:27°C | |
| | | Min. | DB:18°C | WB:14°C |
| | Outdoor | Max. | | WB:18°C |
| | | Min. | | WB:-8°C |

1.2.10 Valve pipe(VP)

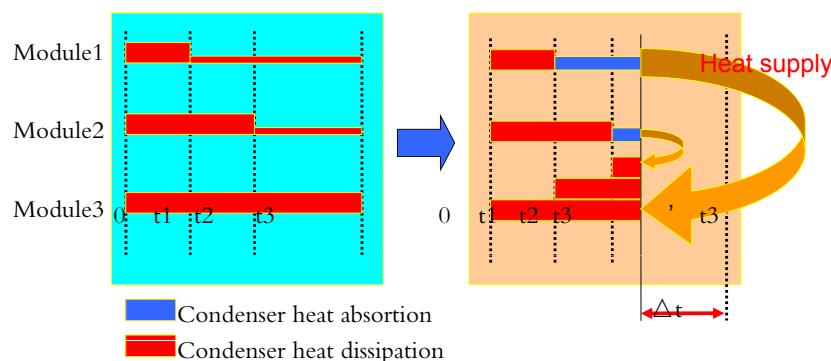
There are 3 models valve boxes connected between outdoor units and indoor units. The indoor unit can flexibly run cooling or heating as need by connected with the VB device.

One VB device can connect with max.8 sets indoor units. However all the indoor units connected with the same VB device should run same mode.



1.2.11. Intelligent defrost

- 1) Conventional defrost control (left) heating operation after all the outdoor finish the defros
- 2) Amazon outdoor defrosting (right) help each other to accelerate defrosting, not only accelerate defrosting speed, but also reach rapid heating.

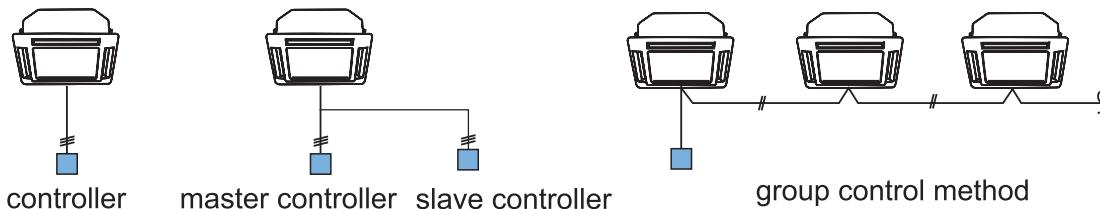


1.2.12 Control system

a. Individual control system Wired controller RWV01



- Used to set the function of MODE, FAN, SWING, HEALTH (negative ion) , TEMP., TIMER etc.
- Large LCD is easy to read the data; set the temp. by interval 1°C.
- 24-hour timer function: to set the schedule in a whole day. Enable to set the HRV (heat reclaimed ventilation) mode.
- Designed to check the system failure automatically by pressing CHECK button. Also the failure code will display on LCD.
- When the filter needs to be cleaned, indoor will send signal to the controller, then FILTER icon will display on LCD.
- Can display the indoor central address on LCD.
- Can query the malfunction history by pressing CHECK button. Can change the controller types between master and slave unit by adjusting the jumper state.
- Can realize dual controllers to control one unit, or one controller to control multiple indoor units.
- Equipped with the indoor ambient temp. sensor in the controller, which makes the indoor temp. more comfortable.



- Used to set the function of MODE, FANSWING, HEALTH (negative ion), TEMP.TIMER etc.
- Large LCD is easy to read the data; set the temp. by interval 1°C.
- 24-hour timer function: to set the schedule in a whole day.
- Can be combined with the individual remote receiver.
- Electric heating button can realize the electric heating function if the unit is with this function.



RCV01



RWV03

b.Central control system

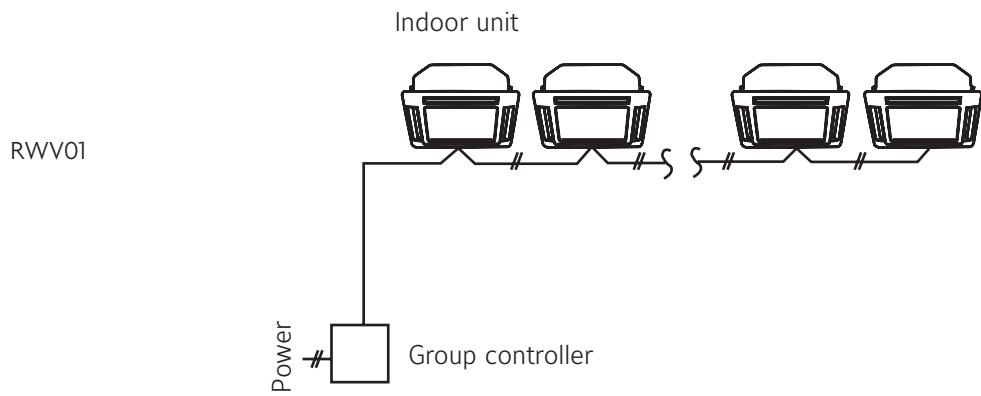
Group controller: RWV01



- Realize to control 16 indoor units ON/OFF synchronously. Set indoor units at the same mode.

Note:

When the indoor unit is in group control, it CAN NOT be controlled by its individual controller (wired controller or infrared controller).



Central controller(1:64)



- Can control and monitor the indoor units condition, maximum can control 128 groups, each group can maximum connect to 16 indoor units.
- All the controls, such as individual control, zone control, time setting, timer setting etc., can be realized by touch screen.

RWV02

1.3 Products Lineup

1.3.1 Outdoor Units

| Appearance | Power supply (Ph,V,Hz) | Model | Capacity(kW) | Refrigerant |
|---|---------------------------|-----------|--------------|-------------|
|  | 3Ph, 380~400V, 50/60HZ | YCV280HR | 28 | R-410A |
|  | | YCV335HR | 33.5 | |
|  | | YCV400HR | 40 | |
|  | | YCV450HR | 45 | |
|  | | YCV560HR | 56 | |
|  | | YCV615HR | 61.5 | |
|  | | YCV680HR | 68 | |
|  | | YCV730HR | 73 | |
|  | | YCV800HR | 80 | |
| | | YCV850HR | 85 | |
| | | YCV900HR | 90 | |
| | | YCV960HR | 96 | |
| | | YCV1010HR | 101 | |
| | | YCV1080HR | 108 | |
| | | YCV1130HR | 113 | |
| | | YCV1180HR | 118 | |
| | | YCV1235HR | 123.5 | |
| | | YCV1300HR | 130 | |
| | | YCV1350HR | 135 | |

1.3.3 Appendix lineup

| # | Photo | Name | Model | Function | Application | Comments |
|----|---|--|-------|--|---|----------|
| 1 |  | Wireless Controller | RCV01 | Indoor Unit Operating | Standard for High Wall, Console, and optional for Cassette, Floor Ceiling, Ducted | |
| 2 |  | Wired Controller | RWV01 | Indoor Unit Operating and Group Control (Max. 16 Indoor Units) | Standard for Cassette, Floor Ceiling, and Ducted | |
| 3 |  | Wireless Controller Receiver | REC01 | Infrared Signal Receiver for Wireless Controller | Optional for Ducted | |
| 4 |  | Compact Wired Controller | RWV03 | Indoor Unit Operating and Group Control (Max. 16 Indoor Units) | Optional for Cassette, Floor Ceiling, and Ducted | |
| 5 |  | Touch Screen Central Controller | RWV02 | Indoor Unit Group Control and Monitoring (Max. 128 Indoor Units) | All Indoor Units | |
| 6 |  | Touch Screen Central Controller Translator | ADV01 | "Connection Between RWV02 and Outdoor Unit" | All Indoor Units | |
| 7 |  | BacNet Translator | ADV02 | Protocol Translator | All Indoor Units | |
| 8 |  | Central Controller With Monitor Software | BMV01 | Indoor Unit Group Control and Monitoring (Max. 400 Indoor Units) | All Indoor Units | |
| 9 |  | BacNet/IP Converter | BMV03 | BacNet/IP Protocol Converting | All Indoor Units | |
| 10 |  | LonWorks Converter | ADV04 | LonWorks Protocol Converting | All Indoor Units | |
| 11 |  | LonWorks Translator | ADV03 | Protocol adapter and data storage | All Indoor Units | |

Outdoor Unit

| | | | | | |
|----|---|--|--|--|--|
| 12 |  | On-site Diagnostic Tools | TD-02 | System Running Monitor System (Hardware and Software) | Outdoor Units |
| 13 |  | Indoor Manifold Pipe | TAU335HR | Indoor Refrigerant Distribution | Total indoor units capacity < 33.5 kW |
| 14 |  | Indoor Manifold Pipe | TAU506HR | Indoor Refrigerant Distribution | 33.5kW ≤ Total indoor units capacity < 50.6 kW |
| 15 |  | Indoor Manifold Pipe | TAU730HR | Indoor Refrigerant Distribution | 50.6kW ≤ Total indoor units capacity < 72 kW |
| 16 |  | Indoor Manifold Pipe | TAU1350HR | Indoor Refrigerant Distribution | 73 kW ≤ Total indoor units capacity |
| 17 |  | Outdoor Branch Pipe | TAS20HR | Outdoor Refrigerant Gathering | 2 Modules combination |
| 18 |  | Outdoor Branch Pipe | TAS30HR | Outdoor Refrigerant Gathering | 3 Modules combination |
| 19 |  | Valve pipe box KIT HR-UNDER11.2 KW KIT HR-11.2KW-18KW KIT HR-18KW and Above | KIT HR-UNDER11.2 KW KIT HR-11.2KW-18KW KIT HR-18KW and Above | Connection with 3 Pipe Outdoor Unit and Indoor Unit in heat recovery system. | MRVIII-RC(heat recovery) |

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Part 2 Outdoor Unit

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2.1 Specification

| | | | |
|-------------------|-----------------------------|----------|----------------------|
| Model | | | YCV280HR |
| Power supply | | Ph-V-Hz | 3Ph/380-400V/50-60Hz |
| Nominal capacity | | HP | 10 |
| Cooling*1 | Capacity | kW | 28 |
| | Power Input | kW | 7.55 |
| | EER | | 3.71 |
| | Current | A | 12.33 |
| Heating*1 | Capacity | kW | 31.5 |
| | Power Input | kW | 7.97 |
| | COP | | 3.95 |
| | Current | A | 13.02 |
| Max. Power Input | kW | | 14.7 |
| Max. Current | A | | 23.4 |
| Compressor | Type | | DC INV. SCROLL |
| | Capacity | W | 17200W |
| | Power Input | W | 5250W |
| | Rated Current(RLA) | A | 18.5 |
| | Speed | rps | 60 |
| | Crankcase Heater | W | 33 |
| | Refrigerant oil | ml | 2300+1000 |
| Outdoor fan motor | Voltage | | 208-230 |
| | IP Class | | IP23 |
| | Type | | DC |
| | Insulation Class | | B |
| | Safe Class | | I |
| | Power Input | W | 1000 |
| | Output | W | 750 |
| | Rated Current | A | 4.4 |
| | Capacitor | μF | / |
| | Speed | rpm | 825 |
| Outdoor fan | Material | | Plastic |
| | Type | | Axial |
| | Diameter | mm | 642 |
| | Height | mm | 198 |
| Outdoor coil | Number of Rows | | 2 |
| | Tube Pitch(a)x Row Pitch(b) | mm | 19.05*22 |
| | Fin Spacing | mm | 1.70 |
| | Fin Type | | Hydrophilic aluminum |
| | Fin Coating Type | Optional | Clear lacquer |
| | Salt Spray Test Duration | Hour | 168 |
| | Tube Outside Dia. and Type | | INNERGROOVE TUBE |
| | | mm | Φ8 |
| | Coil Length x Height | mm | (1340x660)*2 |
| | Number of Circuits | | 10 |
| Cabinet Coating | Coating Type | | Powder Coating |
| | Salt Spray Test Duration | Hour | 72 |
| | Sheet Metal Material | | Hot zinc plate |
| | Sheet Metal Thickness | | 0.8 |

Continued

| Model | YCV280HR | | |
|--|---|-----------------|--|
| Control Panel Enclosure IP Class | IP24 | | |
| Outdoor Air Flow | m3/h | | |
| Outdoor Sound Level(Sound Pressure Level) | dB(A) | | |
| Outdoor unit | Dimension (WxHxD) | mm | 990*1808*750 |
| | Packing (WxHxD) | mm | 1090*1990*860 |
| | Net/Gross weight | kg | 240/268 |
| Refrigerant | Type | | R-410A |
| | Charged volume*2 | kg | 10 |
| Throttle type | | | EXV |
| Design pressure | MPa | | 4.15 |
| Refrigerant piping | Liquid / Suction gas /High pressure gas | mm | Φ 9.52/Φ 22.2/Φ 19.05 |
| | Max. Refrigerant pipe length | m | 175 |
| | Max. Diff. indoor/outdoor unit | m | 50(Outdoor higher than indoor) 40(Indoor higher than outdoor) |
| | Max. Diff. indoor/indoor unit | m | 15 |
| Maximum indoor units | Piece | | 16 |
| Connection wiring | Power wiring | mm ² | 16 |
| | Signal wiring | mm ² | Shield wire:(0.75-2)*2 |
| Operation Range | °C | | Cooling: -5°C-43°CDB Cooling & Heating:-8°C-18°CWB Heating: -15°C-15.5°CWB |
| Qty per 20'/40'/40'HQ | | | 9/20/20 |

*1 AHRI1230 Testing condition is:
Cooling-indoor 26.7°C DB/19.4°CWB and Outdoor 35°CDB/23.9°CWB
Heating-indoor 21.1°CDB/15.6°CWB and Outdoor 8.3°CDB/6.1°CWB
*2 Precharge refrigerant in outdoor unit is 10kg. The actual refrigerant amount please refer to selection software.

| Model | | | YCV35HR | YCV400HR |
|-------------------|--------------------------------|----------|-------------------------------|-------------------------------|
| Power supply | | Ph-V-Hz | 3Ph/380-400V/50-60Hz | 3Ph/380-400V/50-60Hz |
| Nominal capacity | | HP | 12 | 14 |
| Cooling*1 | Capacity | kW | 33.5 | 40 |
| | Power Input | kW | 9.18 | 12.3 |
| | EER | | 3.65 | 3.25 |
| | Current | A | 15.00 | 20.10 |
| Heating*1 | Capacity | kW | 37.5 | 45 |
| | Power Input | kW | 9.15 | 11.1 |
| | COP | | 4.10 | 4.05 |
| | Current | A | 14.95 | 18.13 |
| Max. Power Input | | kW | 17.54 | 18.55 |
| Max. Current | | A | 27.9 | 29.5 |
| Compressor | Type | | DC INV. SCROLL+ STD SCROLL | DC INV. SCROLL+ STD SCROLL |
| | Capacity | W | 17200W+21000W | 17200W+21000W |
| | Power Input | W | 5250W+6520W | 5250W+6520W |
| | Rated Current (RLA) | A | 18.5+9.4 | 18.5+9.4 |
| | Speed | rps | 60 | 60 |
| | Crankcase Heater | W | 33+33 | 33+33 |
| | Refrigerant oil | ml | 2300+1700+2000 | 2300+1700+2000 |
| Outdoor fan motor | Voltage | | 208-230 | 208-230 |
| | IP Class | | IP23 | IP23 |
| | Type | | DC | DC |
| | Insulation Class | | E | E |
| | Safe Class | | I | I |
| | Power Input | W | 500*2 | 500*2 |
| | Output | W | 375*2 | 375*2 |
| | Rated Current | A | 3.0*2 | 3.0*2 |
| | Capacitor | μF | / | / |
| | Speed | rpm | 960 | 960 |
| Outdoor fan | Material | | Plastic | Plastic |
| | Type | | Axial | Axial |
| | Diameter | mm | 540 | 540 |
| | Height | mm | 190.5 | 190.5 |
| Outdoor coil | Number of Rows | | 3 | 3 |
| | Tube Pitch (a) x Row Pitch (b) | mm | 19.05*22 | 19.05*22 |
| | Fin Spacing | mm | 1.70 | 1.70 |
| | Fin Type | | Hydrophilic aluminum | Hydrophilic aluminum |
| | Fin Coating Type | Optional | Clear lacquer | Clear lacquer |
| | Salt Spray Test Duration | Hour | 168 | 168 |
| | Tube Outside Dia.and Type | | INNERGROOVE TUBE | INNERGROOVE TUBE |
| | | mm | Φ8 | Φ8 |
| | Coil Length x Height | mm | (1760x660)*2 | (1760x660)*2 |
| | Number of Circuits | | 16 | 16 |
| Cabinet Coating | Coating Type | | Powder Coating | Powder Coating |
| | Salt Spray Test Duration | Hour | 72 | 72 |
| | Sheet Metal Material | | Hot zinc plate | Hot zinc plate |
| | Sheet Metal Thickness | | 0.8 | 0.8 |

Continued

| Model | | | YCV355HR | YCV400HR |
|---|--|-----------------|--|--|
| Control Panel Enclosure IP Class | | | IP24 | IP24 |
| Outdoor Air Flow | m ³ /h | | 14100 | 14100 |
| Outdoor Sound Level (Sound Pressure Level) | dB (A) | | 60 | 60 |
| Outdoor unit | Dimension (WxHxD) | mm | 1390x1808x750 | 1390x1808x750 |
| | Packing (WxHxD) | mm | 1490x1990x860 | 1490x1990x860 |
| | Net/Gross weight | kg | 368/393 | 368/393 |
| Refrigerant | Type | | R-410A | R-410A |
| | Charged volume*2 | kg | 10 | 10 |
| Throttle type | | | EXV | EXV |
| Design pressure | MPa | | 4.15 | 4.15 |
| Refrigerant piping | Liquid / Suction gas / High pressure gas | mm | Ø12.7/Ø25.4/Ø22.22 | Ø12.7/Ø25.4/Ø22.22 |
| | Max. Refrigerant pipe length | m | 175 | 175 |
| | Max.Diff. indoor/outdoor unit | m | 50 (Outdoor higher than indoor) 40 (Indoor higher than outdoor) | 50 (Outdoor higher than indoor) 40 (Indoor higher than outdoor) |
| | Max.Diff. indoor/indoor unit | m | 15 | 15 |
| Maximum indoor units | Piece | | 19 | 23 |
| Connection wiring | Power wiring | mm ² | 16 | 16 |
| | Signal wiring | mm ² | Shield Wire: (0.75-2)*2 | Shield Wire: (0.75-2)*2 |
| Operation Range | °C | | Cooling: -5°C-43°CDB Cooling & Heating:-8°C-18°CWB Heating: -15°C-15.5°CWB | Cooling: -5°C-43°CDB Cooling & Heating:-8°C-18°CWB Heating: -15°C-15.5°CWB |
| Qty per 20'/40'/40'HQ | | | 7/14/14 | 7/14/14 |

*1 GB/T18837 Testing condition is:
 Cooling-indoor 27°C DB/19°CWB and Outdoor 35°CDB/24°CWB
 Heating-indoor 20°CDB and Outdoor 7°CDB/6°CWB

*2 Precharge refrigerant in outdoor unit is 10kg. The actual refrigerant amount please refer to selection software.

| | | | |
|-------------------|--------------------------------|----------|-------------------------------|
| Model | | | YCV450HR |
| Power supply | | Ph-V-Hz | 3Ph/380-400V/50-60Hz |
| Nominal capacity | | HP | 16 |
| Cooling*1 | Capacity | kW | 45 |
| | Power Input | kW | 14.1 |
| | EER | | 3.20 |
| | Current | A | 23.04 |
| Heating*1 | Capacity | kW | 50 |
| | Power Input | kW | 13.5 |
| | COP | | 3.70 |
| | Current | A | 22.06 |
| Max. Power Input | | kW | 20.48 |
| Max. Current | | A | 32.37 |
| Compressor | Type | | DC INV. SCROLL+ STD SCROLL |
| | Capacity | W | 17200W+21000W |
| | Power Input | W | 5250W+6520W |
| | Rated Current (RLA) | A | 18.5+9.4 |
| | Speed | rps | 60 |
| | Crankcase Heater | W | 33+33 |
| | Refrigerant oil | ml | 2300+1700+2000 |
| Outdoor fan motor | Voltage | | 208-230 |
| | IP Class | | IP23 |
| | Type | | DC |
| | Insulation Class | | E |
| | Safe Class | | I |
| | Power Input | W | 500*2 |
| | Output | W | 375*2 |
| | Rated Current | A | 3.0*2 |
| | Capacitor | μF | / |
| | Speed | rpm | 960 |
| Outdoor fan | Material | | Plastic |
| | Type | | Axial |
| | Diameter | mm | 540 |
| | Height | mm | 190.5 |
| Outdoor coil | Number of Rows | | 3 |
| | Tube Pitch (a) x Row Pitch (b) | mm | 19.05*22 |
| | Fin Spacing | mm | 1.70 |
| | Fin Type | | Hydrophilic aluminum |
| | Fin Coating Type | Optional | Clear lacquer |
| | Salt Spray Test Duration | Hour | 168 |
| | Tube Outside Dia.and Type | | INNERGROOVE TUBE |
| | | mm | Φ8 |
| | Coil Length x Height | mm | (1760x660)*2 |
| | Number of Circuits | | 16 |
| Cabinet Coating | Coating Type | | Powder Coating |
| | Salt Spray Test Duration | Hour | 72 |
| | Sheet Metal Material | | Hot zinc plate |
| | Sheet Metal Thickness | | 0.8 |

Continued

| Model | | | | YCV450HR |
|--|--|-----------------|---|----------|
| Control Panel Enclosure IP Class | | | | IP24 |
| Outdoor Air Flow | | | | 14100 |
| Outdoor Sound Level (Sound Pressure Level) | | | | 60 |
| Outdoor unit | Dimension (WxHxD) | mm | 1390x1808x750 | |
| | Packing (WxHxD) | mm | 1490x1990x860 | |
| | Net/Gross weight | kg | 368/393 | |
| Refrigerant | Type | | R410A | |
| | Charged volume*2 | kg | 10 | |
| Throttle type | | | | EXV |
| Design pressure | | | | 4.15 |
| Refrigerant piping | Liquid / Suction gas / High pressure gas | mm | $\phi 12.7/\phi 28.58/\phi 25.4$ | |
| | Max. Refrigerant pipe length | m | 175 | |
| | Max.Diff. indoor/outdoor unit | m | 50 (Outdoor higher than indoor) 40 (Indoor higher than outdoor) | |
| | Max.Diff. indoor/indoor unit | m | 15 | |
| Maximum indoor units | | | | 26 |
| Connection wiring | Power wiring | mm ² | 25 | |
| | Signal wiring | mm ² | Shield Wire: (0.75-2)*2 Cooling: -5°C-43°CDB Cooling & Heating:-8°C-18°CWB Heating: -15°C-15.5°CWB | |
| Operation Range | | | | °C |
| Qty per 20'/40'/40'HQ | | | | 7/14/14 |
| <p>*1 GB/T18837 Testing condition is: Cooling-indoor 27°C DB/19°CWB and Outdoor 35°CDB/24°CWB Heating-indoor 20°CDB and Outdoor 7°CDB/6°CWB</p> <p>*2 Precharge refrigerant in outdoor unit is 10kg. The actual refrigerant amount please refer to selection software.</p> | | | | |

| Model | | | YCV560HR | YCV615HR |
|-------------------|--------------------------------|----------|----------------------|--|
| Power supply | | Ph-V-Hz | 380~400-3-50/60 | 380~400-3-50/60 |
| Nominal capacity | | HP | 20 | 22 |
| Cooling*1 | Capacity | kW | 56 | 61.5 |
| | Power Input | kW | 15.1 | 16.73 |
| | EER | | 3.71 | 3.68 |
| | Current | A | 24.67 | 27.33 |
| Heating*1 | Capacity | kW | 63 | 69 |
| | Power Input | kW | 15.94 | 17.12 |
| | COP | | 3.95 | 4.03 |
| | Current | A | 26.04 | 27.97 |
| Max. Power Input | | kW | 29.4 | 32.24 |
| Max. Current | | A | 46.8 | 51.3 |
| Compressor | Type | | DC INV. SCROLL*2 | DC INV. SCROLL+ (DC INV. SCROLL+STD SCROLL) |
| | Capacity | W | 17200W*2 | 17200W+ (17200W+21000W) |
| | Power Input | W | 5250W*2 | 5250W+ (5250W+6520W) |
| | Rated Current (RLA) | A | 18.5*2 | 18.5+ (18.5+9.4) |
| | Speed | rps | 60 | 60 |
| | Crankcase Heater | W | 33*2 | 33+(33+33) |
| | Refrigerant oil | ml | 2300+1000*2 | 2300+1000+ (2300+1700+2000) |
| Outdoor fan motor | Voltage | | 208-230 | 208-230 |
| | IP Class | | IP23 | IP23 |
| | Type | | DC | DC |
| | Insulation Class | | B | E |
| | Safe Class | | I | I |
| | Power Input | W | 1000*2 | 1000+500*2 |
| | Output | W | 750*2 | 750+375*2 |
| | Rated Current | A | 4.4*2 | 4.4+3.0*2 |
| | Capacitor | μF | / | / |
| | Speed | rpm | 825*2 | 825+960 |
| Outdoor fan | Material | | Plastic | Plastic |
| | Type | | Axial | Axial |
| | Diameter | mm | 642*2 | 642+540 |
| | Height | mm | 198*2 | 198+190.5 |
| Outdoor coil | Number of Rows | | 2*2 | 2+3 |
| | Tube Pitch (a) x Row Pitch (b) | mm | 19.05*22 | 19.05*22 |
| | Fin Spacing | mm | 1.70 | 1.70 |
| | Fin Type | | Hydrophilic aluminum | Hydrophilic aluminum |
| | Fin Coating Type | Optional | Clear lacquer | Clear lacquer |
| | Salt Spray Test Duration | Hour | 168 | 168 |
| | Tube Outside Dia.and Type | | INNERGROOVE TUBE | INNERGROOVE TUBE |
| | | mm | Φ8 | Φ8 |
| | Coil Length x Height | mm | (1340x660)*2*2 | (1340x660)*2 + (1760x660)*2 |
| | Number of Circuits | | 10*2 | 10+16 |
| Cabinet Coating | Coating Type | | Powder Coating | Powder Coating |
| | Salt Spray Test Duration | Hour | 72 | 72 |
| | Sheet Metal Material | | Hot zinc plate | Hot zinc plate |
| | Sheet Metal Thickness | | 0.8 | 0.8 |

Continued

| Model | | | YCV560HR | YCV615HR |
|---|--|-----------------|--|--|
| Control Panel Enclosure IP Class | | | IP24 | IP24 |
| Outdoor Air Flow | m ³ /h | | 22200 | 25200 |
| Outdoor Sound Level (Sound Pressure Level) | dB (A) | | 60 | 61 |
| Outdoor unit | Dimension (WxHxD) | mm | (990x1808x750)*2 | 990x1808x750+1390x1808x750 |
| | Packing (WxHxD) | mm | (1090x1990x860)*2 | 1090x1990x860+1490x1990x860 |
| | Net/Gross weight | kg | 480/510 | 608/641 |
| Refrigerant | Type | | R-410A | R-410A |
| | Charged volume*2 | kg | 20 | 20 |
| Throttle type | | | EXV | EXV |
| Design pressure | MPa | | 4.15 | 4.15 |
| Refrigerant piping | Liquid / Suction gas / High pressure gas | mm | ø15.88/ø28.58/ø25.4 | ø15.88/ø28.58/ø25.4 |
| | Max. Refrigerant pipe length | m | 175 | 175 |
| | Max.Diff. indoor/outdoor unit | m | 50 (Outdoor higher than indoor) 40 (Indoor higher than outdoor) | 50 (Outdoor higher than indoor) 40 (Indoor higher than outdoor) |
| | Max.Diff. indoor/indoor unit | m | 15 | 15 |
| Maximum indoor units | Piece | | 33 | 36 |
| Connection wiring | Power wiring | mm ² | 32 | 32 |
| | Signal wiring | mm ² | Shield Wire: (0.75-2)*2 | Shield Wire: (0.75-2)*2 |
| Operation Range | °C | | Cooling: -5°C-43°CDB Cooling & Heating:-8°C-18°CWB Heating: -15°C-15.5°CWB | Cooling: -5°C-43°CDB Cooling & Heating:-8°C-18°CWB Heating: -15°C-15.5°CWB |
| Qty per 20'/40'/40'HQ | | | (9/20/20)*2 | 9/20/20+7/14/14 |

*1 GB/T18837 Testing condition is:

Cooling-indoor 27°C DB/19°CWB and Outdoor 35°CDB/24°CWB

Heating-indoor 20°CDB and Outdoor 7°CDB/6°CWB

*2 Precharge refrigerant in outdoor unit is 10kg. The actual refrigerant amount please refer to selection software.

| Model | | | YCV680HR | YCV730HR |
|-------------------|--------------------------------|----------|--|--|
| Power supply | | Ph-V-Hz | 380~400-3-50/60 | 380~400-3-50/60 |
| Nominal capacity | | HP | 24 | 26 |
| Cooling*1 | Capacity | kW | 68 | 73 |
| | Power Input | kW | 19.85 | 21.65 |
| | EER | | 3.43 | 3.37 |
| | Current | A | 32.43 | 35.37 |
| Heating*1 | Capacity | kW | 76.5 | 81.5 |
| | Power Input | kW | 19.07 | 21.47 |
| | COP | | 4.01 | 3.80 |
| | Current | A | 31.16 | 35.08 |
| Max. Power Input | | kW | 33.25 | 35.18 |
| Max. Current | | A | 52.9 | 55.77 |
| Compressor | Type | | DC INV. SCROLL+ (DC INV. SCROLL+STD SCROLL) | DC INV. SCROLL+ (DC INV. SCROLL+STD SCROLL) |
| | Capacity | W | 17200W+ (17200W+21000W) | 17200W+ (17200W+21000W) |
| | Power Input | W | 5250W+ (5250W+6520W) | 5250W+ (5250W+6520W) |
| | Rated Current (RLA) | A | 18.5+ (18.5+9.4) | 18.5+ (18.5+9.4) |
| | Speed | rps | 60 | 60 |
| | Crankcase Heater | W | 33+ (33+33) | 33+ (33+33) |
| | Refrigerant oil | ml | 2300+1000+ (2300+1700+2000) | 2300+1000+ (2300+1700+2000) |
| Outdoor fan motor | Voltage | | 208-230 | 208-230 |
| | IP Class | | IP23 | IP23 |
| | Type | | DC | DC |
| | Insulation Class | | E | E |
| | Safe Class | | I | I |
| | Power Input | W | 1000+500*2 | 1000+500*2 |
| | Output | W | 750+375*2 | 750+375*2 |
| | Rated Current | A | 4.4+3.0*2 | 4.4+3.0*2 |
| | Capacitor | μF | / | / |
| | Speed | rpm | 825+960 | 825+960 |
| Outdoor fan | Material | | Plastic | Plastic |
| | Type | | Axial | Axial |
| | Diameter | mm | 642+540 | 642+540 |
| | Height | mm | 198+190.5 | 198+190.5 |
| Outdoor coil | Number of Rows | | 2+3 | 2+3 |
| | Tube Pitch (a) x Row Pitch (b) | mm | 19.05*22 | 19.05*22 |
| | Fin Spacing | mm | 1.70 | 1.70 |
| | Fin Type | | Hydrophilic aluminum | Hydrophilic aluminum |
| | Fin Coating Type | Optional | Clear lacquer | Clear lacquer |
| | Salt Spray Test Duration | Hour | 168 | 168 |
| | Tube Outside Dia.and Type | | INNERGROOVE TUBE | INNERGROOVE TUBE |
| | | mm | Φ8 | Φ8 |
| | Coil Length x Height | mm | (1340x660)*2+ (1760x660)*2 | (1340x660)*2+ (1760x660)*2 |
| | Number of Circuits | | 10+16 | 10+16 |
| Cabinet Coating | Coating Type | | Powder Coating | Powder Coating |
| | Salt Spray Test Duration | Hour | 72 | 72 |
| | Sheet Metal Material | | Hot zinc plate | Hot zinc plate |
| | Sheet Metal Thickness | | 0.8 | 0.8 |

Continued

| Model | | | YCV680HR | YCV730HR |
|---|--|-----------------|---|---|
| Control Panel Enclosure IP Class | | | IP24 | IP24 |
| Outdoor Air Flow | m ³ /h | | 25200 | 25200 |
| Outdoor Sound Level (Sound Pressure Level) | dB (A) | | 61 | 61 |
| Outdoor unit | Dimension (WxHxD) | mm | 990x1808x750+1390x1808x750 | 990x1808x750+1390x1808x750 |
| | Packing (WxHxD) | mm | 1090x1990x860+1490x1990x860 | 1090x1990x860+1490x1990x860 |
| | Net/Gross weight | kg | 608/641 | 608/641 |
| Refrigerant | Type | | R-410A | R410A |
| | Charged volume*2 | kg | 20 | 20 |
| Throttle type | | | EXV | EXV |
| Design pressure | MPa | | 4.15 | 4.15 |
| Refrigerant piping | Liquid / Suction gas / High pressure gas | mm | ø15.88/ø31.8/ø28.58 | ø19.05/ø31.8/ø28.58 |
| | Max. Refrigerant pipe length | m | 175 | 175 |
| | Max.Diff. indoor/outdoor unit | m | 50 (Outdoor higher than indoor) 40 (Indoor higher than outdoor) | 50 (Outdoor higher than indoor) 40 (Indoor higher than outdoor) |
| | Max.Diff. indoor/indoor unit | m | 15 | 15 |
| Maximum indoor units | Piece | | 39 | 43 |
| Connection wiring | Power wiring | mm ² | 32 | 32 |
| | Signal wiring | mm ² | Shield Wire: (0.75-2)*2 | Shield Wire: (0.75-2)*2 |
| Operation Range | °C | | Cooling: -5°C-43°CDB Cooling & Heating: -8°C-18°CWB Heating: -15°C-15.5°CWB | Cooling: -5°C-43°CDB Cooling & Heating: -8°C-18°CWB Heating: -15°C-15.5°CWB |
| Qty per 20'/40'/40'HQ | | | 9/20/20+7/14/14 | 9/20/20+7/14/14 |

*1 GB/T18837 Testing condition is:

Cooling-indoor 27°C DB/19°CWB and Outdoor 35°CDB/24°CWB

Heating-indoor 20°CDB and Outdoor 7°CDB/6°CWB

*2 Precharge refrigerant in outdoor unit is 10kg. The actual refrigerant amount please refer to selection software.

| Model | | | YCV800HR | YCV850HR |
|-------------------|--------------------------------|----------|---|---|
| Power supply | | Ph-V-Hz | 380~400-3-50/60 | 380~400-3-50/60 |
| Nominal capacity | | HP | 28 | 30 |
| Cooling*1 | Capacity | kW | 80 | 85 |
| | Power Input | kW | 24.6 | 26.4 |
| | EER | | 3.25 | 3.22 |
| | Current | A | 40.19 | 43.13 |
| Heating*1 | Capacity | kW | 90 | 95 |
| | Power Input | kW | 22.2 | 24.6 |
| | COP | | 4.05 | 3.86 |
| | Current | A | 36.27 | 40.19 |
| Max. Power Input | | kW | 37.1 | 39.03 |
| Max. Current | | A | 59 | 61.87 |
| Compressor | Type | | (DC INV. SCROLL+STD SCROLL)+ (DC INV. SCROLL+STD SCROLL) | (DC INV. SCROLL+STD SCROLL)+ (DC INV. SCROLL+STD SCROLL) |
| | Capacity | W | (17200W+21000W) + (17200W+21000W) | (17200W+21000W) + (17200W+21000W) |
| | Power Input | W | (5250W+6520W) + (5250W+6520W) | (5250W+6520W) + (5250W+6520W) |
| | Rated Current (RLA) | A | (18.5+9.4) + (18.5+9.4) | (18.5+9.4) + (18.5+9.4) |
| | Speed | rps | 60 | 60 |
| | Crankcase Heater | W | (33+33) + (33+33) | (33+33) + (33+33) |
| | Refrigerant oil | ml | (2300+1700+2000) + (2300+1700+2000) | (2300+1700+2000) + (2300+1700+2000) |
| Outdoor fan motor | Voltage | | 208-230 | 208-230 |
| | IP Class | | IP23 | IP23 |
| | Type | | DC | DC |
| | Insulation Class | | B | B |
| | Safe Class | | I | I |
| | Power Input | W | 500*2+500*2 | 500*2+500*2 |
| | Output | W | 375*2+375*2 | 375*2+375*2 |
| | Rated Current | A | 3.0*2+3.0*2 | 3.0*2+3.0*2 |
| | Capacitor | μF | / | / |
| | Speed | rpm | 960+960 | 960+960 |
| Outdoor fan | Material | | Plastic | Plastic |
| | Type | | Axial | Axial |
| | Diameter | mm | 540+540 | 540+540 |
| | Height | mm | 190.5+190.5 | 190.5+190.5 |
| Outdoor coil | Number of Rows | | 3+3 | 3+3 |
| | Tube Pitch (a) x Row Pitch (b) | mm | 19.05*22 | 19.05*22 |
| | Fin Spacing | mm | 1.70 | 1.70 |
| | Fin Type | | Hydrophilic aluminum | Hydrophilic aluminum |
| | Fin Coating Type | Optional | Clear lacquer | Clear lacquer |
| | Salt Spray Test Duration | Hour | 168 | 168 |
| | Tube Outside Dia.and Type | | INNERGROOVE TUBE | INNERGROOVE TUBE |
| | | mm | Φ8 | Φ8 |
| | Coil Length x Height | mm | (1760x660)*2+ (1760x660)*2 | (1760x660)*2+ (1760x660)*2 |
| | Number of Circuits | | 16+16 | 16+16 |
| Cabinet Coating | Coating Type | | Powder Coating | Powder Coating |
| | Salt Spray Test Duration | Hour | 72 | 72 |
| | Sheet Metal Material | | Hot zinc plate | Hot zinc plate |
| | Sheet Metal Thickness | | 0.8 | 0.8 |

Continued

| Model | | | YCV800HR | YCV850HR |
|---|--|-----------------|---|---|
| Control Panel Enclosure IP Class | | | IP24 | IP24 |
| Outdoor Air Flow | m ³ /h | | 28200 | 28200 |
| Outdoor Sound Level (Sound Pressure Level) | dB (A) | | 62 | 62 |
| Outdoor unit | Dimension (WxHxD) | mm | 1390x1808x750+1390x1808x750 | 1390x1808x750+1390x1808x750 |
| | Packing (WxHxD) | mm | 1490x1990x860+1490x1990x860 | 1490x1990x860+1490x1990x860 |
| | Net/Gross weight | kg | 736/772 | 736/772 |
| Refrigerant | Type | | R-410A | R-410A |
| | Charged volume*2 | kg | 20 | 20 |
| Throttle type | | | EXV | EXV |
| Design pressure | MPa | | 4.15 | 4.15 |
| Refrigerant piping | Liquid / Suction gas / High pressure gas | mm | ø19.05/ø31.8/ø28.58 | ø19.05/ø31.8/ø28.58 |
| | Max. Refrigerant pipe length | m | 175 | 175 |
| | Max.Diff. indoor/outdoor unit | m | 50 (Outdoor higher than indoor) 40 (Indoor higher than outdoor) | 50 (Outdoor higher than indoor) 40 (Indoor higher than outdoor) |
| | Max.Diff. indoor/indoor unit | m | 15 | 15 |
| Maximum indoor units | Piece | | 46 | 50 |
| Connection wiring | Power wiring | mm ² | 41 | 42 |
| | Signal wiring | mm ² | Shield Wire: (0.75-2)*2 | Shield Wire: (0.75-2)*2 |
| Operation Range | °C | | Cooling: -5°C-43°CDB Cooling & Heating: -8°C-18°CWB Heating: -15°C-15.5°CWB | Cooling: -5°C-43°CDB Cooling & Heating: -8°C-18°CWB Heating: -15°C-15.5°CWB |
| Qty per 20'/40'/40'HQ | | | 7/14/14+7/14/14 | 7/14/14+7/14/14 |

*1 GB/T18837 Testing condition is:
 Cooling-indoor 27°C DB/19°CWB and Outdoor 35°CDB/24°CWB
 Heating-indoor 20°CDB and Outdoor 7°CDB/6°CWB

*2 Precharge refrigerant in outdoor unit is 10kg. The actual refrigerant amount please refer to selection software.

| Model | | | YCV900HR | YCV960HR |
|----------------------|--------------------------------|----------|-----------------------------------|---|
| Power supply | | Ph-V-Hz | 380~400-3-50/60 | 380~400-3-50/60 |
| Nominal capacity | | HP | 32 | 34 |
| Cooling*1 | Capacity | kW | 90 | 96 |
| | Power Input | kW | 28.2 | 27.4 |
| | EER | | 3.19 | 3.50 |
| | Current | A | 46.07 | 44.76 |
| Heating*1 | Capacity | kW | 100 | 108 |
| | Power Input | kW | 27 | 27.04 |
| | COP | | 3.70 | 3.99 |
| | Current | A | 44.11 | 44.18 |
| Max. Power Input | | kW | 40.96 | 47.95 |
| Max. Current | | A | 64.74 | 76.3 |
| Compressor | Type | | (DC INV. SCROLL+ STD SCROLL)*2 | DC INV. SCROLL*2+ (DC INV. SCROLL+ STD SCROLL) |
| | Capacity | W | (17200W+21000W)*2 | 17200W*2+ (17200W+21000W) |
| | Power Input | W | (5250W+6520W)*2 | 5250W*2+ (5250W+6520W) |
| | Rated Current (RLA) | A | (18.5+9.4)*2 | 18.5*2+ (18.5+9.4) |
| | Speed | rps | 60 | 60 |
| | Crankcase Heater | W | (33+33)*2 | 33*2+ (33+33) |
| | Refrigerant oil | ml | (2300+1700+2000)*2 | 2300+1000*2+ (2300+1700+2000) |
| Outdoor fan motor | Voltage | | 208~230 | 208~230 |
| | IP Class | | IP23 | IP23 |
| | Type | | DC | DC |
| | Insulation Class | | E | E |
| | Safe Class | | I | I |
| | Power Input | W | (500*2)*2 | 1000*2+500*2 |
| | Output | W | (375*2)*2 | 750*2+375*2 |
| | Rated Current | A | (3.0*2)*2 | 4.4*2+3.0*2 |
| | Capacitor | μF | / | / |
| | Speed | rpm | 960*2 | 825*2+960 |
| Outdoor fan | Material | | Plastic | Plastic |
| | Type | | Axial | Axial |
| | Diameter | mm | 540*2 | 642*2+540 |
| | Height | mm | 190.5*2 | 198*2+190.5 |
| Outdoor coil | Number of Rows | | 3*2 | 2*2+3 |
| | Tube Pitch (a) x Row Pitch (b) | mm | 19.05*22 | 19.05*22 |
| | Fin Spacing | mm | 1.70 | 1.70 |
| | Fin Type | | Hydrophilic aluminum | Hydrophilic aluminum |
| | Fin Coating Type | Optional | Clear lacquer | Clear lacquer |
| | Salt Spray Test Duration | Hour | 168 | 168 |
| | Tube Outside Dia.and Type | | INNERGROOVE TUBE | INNERGROOVE TUBE |
| | | mm | Φ8 | Φ8 |
| | Coil Length x Height | mm | (1760x660)*2*2 | (1340x660)*2*2+ (1760x660)*2 |
| | Number of Circuits | | 16*2 | 10*2+16 |
| Cabinet Coating | Coating Type | | Powder Coating | Powder Coating |
| | Salt Spray Test Duration | Hour | 72 | 72 |
| | Sheet Metal Material | | Hot zinc plate | Hot zinc plate |
| | Sheet Metal Thickness | | 0.8 | 0.8 |

Continued

| Model | | | YCV900HR | YCV960HR |
|--|--|-----------------|---|---|
| Control Panel Enclosure IP Class | | | IP24 | IP24 |
| Outdoor Air Flow | m ³ /h | | 28200 | 39300 |
| Outdoor Sound Level (Sound Pressure Level) | dB (A) | | 62 | 63 |
| Outdoor unit | Dimension (WxHxD) | mm | (1390x1808x750)*2 | 990x1808x750*2+1390x1808x750 |
| | Packing (WxHxD) | mm | (1490x1990x860)*2 | 1090x1990x860*2+1490x1990x860 |
| | Net/Gross weight | kg | 736/772 | 848/896 |
| Refrigerant | Type | | R-410A | R-410A |
| | Charged volume*2 | kg | 20 | 30 |
| Throttle type | | | EXV | EXV |
| Design pressure | MPa | | 4.15 | 4.15 |
| Refrigerant piping | Liquid / Suction gas / High pressure gas | mm | ø19.05/ø31.8/ø28.58 | ø19.05/ø31.8/ø28.58 |
| | Max. Refrigerant pipe length | m | 175 | 175 |
| | Max.Diff. indoor/outdoor unit | m | 50 (Outdoor higher than indoor) 40 (Indoor higher than outdoor) | 50 (Outdoor higher than indoor) 40 (Indoor higher than outdoor) |
| | Max.Diff. indoor/indoor unit | m | 15 | 15 |
| Maximum indoor units | Piece | | 53 | 56 |
| Connection wiring | Power wiring | mm ² | 42 | 42 |
| | Signal wiring | mm ² | Shield Wire: (0.75-2)*2 | Shield Wire: (0.75-2)*2 |
| Operation Range | | °C | Cooling: -5°C-43°CDB Cooling & Heating: -8°C-18°CWB Heating: -15°C-15.5°CWB | Cooling: -5°C-43°CDB Cooling & Heating: -8°C-18°CWB Heating: -15°C-15.5°CWB |
| Qty per 20'/40'/40'HQ | | | (7/14/14)*2 | (9/20/20)*2+7/14/14 |
| <p>*1 GB/T18837 Testing condition is: Cooling-indoor 27°C DB/19°CWB and Outdoor 35°CDB/24°CWB Heating-indoor 20°CDB and Outdoor 7°CDB/6°CWB</p> <p>*2 Precharge refrigerant in outdoor unit is 10kg. The actual refrigerant amount please refer to selection software.</p> | | | | |

| Model | | | YCV1010HR | YCV1080HR |
|-------------------|--------------------------------|----------|--|--|
| Power supply | | Ph-V-Hz | 380~400-3-50/60 | 380~400-3-50/60 |
| Nominal capacity | | HP | 36 | 38 |
| Cooling*1 | Capacity | kW | 101 | 108 |
| | Power Input | kW | 29.2 | 32.15 |
| | EER | | 3.46 | 3.36 |
| | Current | A | 47.71 | 52.53 |
| Heating*1 | Capacity | kW | 113 | 121.50 |
| | Power Input | kW | 29.44 | 30.17 |
| | COP | | 3.84 | 4.03 |
| | Current | A | 48.10 | 49.29 |
| Max. Power Input | | kW | 49.88 | 51.8 |
| Max. Current | | A | 79.17 | 82.4 |
| Compressor | Type | | DC INV. SCROLL*2+ (DC INV. SCROLL+STD SCROLL) | DC INV. SCROLL+ (DC INV. SCROLL+STD SCROLL)+ (DC INV. SCROLL+STD SCROLL) |
| | Capacity | W | 17200W*2+ (17200W+21000W) | 17200W+ (17200W+21000W) + (17200W+21000W) |
| | Power Input | W | 5250W*2+ (5250W+6520W) | 5250W+ (5250W+6520W) + (5250W+6520W) |
| | Rated Current (RLA) | A | 18.5*2+ (18.5+9.4) | 18.5+ (18.5+9.4) + (18.5+9.4) |
| | Speed | rps | 60 | 60 |
| | Crankcase Heater | W | 33*2+ (33+33) | 33+(33+33)+(33+33) |
| | Refrigerant oil | ml | (2300+1000)*2+ (2300+1700+2000) | (2300+1000) + (2300+1700+2000) + (2300+1700+2000) |
| Outdoor fan motor | Voltage | | 208-230 | 208-230 |
| | IP Class | | IP23 | IP23 |
| | Type | | DC | DC |
| | Insulation Class | | E | B |
| | Safe Class | | I | I |
| | Power Input | W | 1000*2+500*2 | 1000+500*2+500*2 |
| | Output | W | 750*2+375*2 | 750+375*2+375*2 |
| | Rated Current | A | 4.4*2+3.0*2 | 4.4+3.0*2+3.0*2 |
| | Capacitor | μF | / | / |
| Outdoor fan | Speed | rpm | 825*2+960 | 825+960+960 |
| | Material | | Plastic | Plastic |
| | Type | | Axial | Axial |
| | Diameter | mm | 642*2+540 | 642+540+540 |
| Outdoor coil | Height | mm | 198*2+190.5 | 198+190.5+190.5 |
| | Number of Rows | | 2*2+3 | 2+3+3 |
| | Tube Pitch (a) x Row Pitch (b) | mm | 19.05*22 | 19.05*22 |
| | Fin Spacing | mm | 1.70 | 1.70 |
| | Fin Type | | Hydrophilic aluminum | Hydrophilic aluminum |
| | Fin Coating Type | Optional | Clear lacquer | Clear lacquer |
| | Salt Spray Test Duration | Hour | 168 | 168 |
| | Tube Outside Dia.and Type | | INNERGROOVE TUBE | INNERGROOVE TUBE |
| | | mm | Φ8 | Φ8 |
| | Coil Length x Height | mm | (1340x660)*2*2+ (1760x660)*2 | (1340x660)*2+ (1760x660)*2+ (1760x660)*2 |
| Cabinet Coating | Number of Circuits | | 10*2+16 | 10+16+16 |
| | Coating Type | | Powder Coating | Powder Coating |
| | Salt Spray Test Duration | Hour | 72 | 72 |
| | Sheet Metal Material | | Hot zinc plate | Hot zinc plate |
| | Sheet Metal Thickness | | 0.8 | 0.8 |

Continued

| Model | | | YCV1010HR | YCV1080HR |
|---|--|-----------------|--|--|
| Control Panel Enclosure IP Class | | | IP24 | IP24 |
| Outdoor Air Flow | m ³ /h | | 36300 | 39300 |
| Outdoor Sound Level (Sound Pressure Level) | dB (A) | | 63 | 63 |
| Outdoor unit | Dimension (WxHxD) | mm | (990x1808x750)*2+ (1390x1808x750) | 990x1808x750+1390x1808x750+1390x1808x750 |
| | Packing (WxHxD) | mm | (1090x1990x860)*2+ (1490x1990x860) | 1090x1990x860+1490x1990x860+1490x1990x860 |
| | Net/Gross weight | kg | 848/896 | 976/1027 |
| Refrigerant | Type | | R410A | R-410A |
| | Charged volume*2 | kg | 30 | 30 |
| Throttle type | | | EXV | EXV |
| Design pressure | MPa | | 4.15 | 4.15 |
| Refrigerant piping | Liquid / Suction gas / High pressure gas | mm | ø19.05/ø38.1/ø34.9 | ø19.05/ø38.1/ø34.9 |
| | Max. Refrigerant pipe length | m | 175 | 175 |
| | Max.Diff. indoor/outdoor unit | m | 50 (Outdoor higher than indoor) 40 (Indoor higher than outdoor) | 50 (Outdoor higher than indoor) 40 (Indoor higher than outdoor) |
| | Max.Diff. indoor/indoor unit | m | 15 | 15 |
| Maximum indoor units | Piece | | 59 | 63 |
| Connection wiring | Power wiring | mm ² | 51 | 57 |
| | Signal wiring | mm ² | Shield Wire: (0.75-2)*2 | Shield Wire: (0.75-2)*2 |
| Operation Range | °C | | Cooling: -5°C-43°CDB Cooling & Heating: -8°C-18°CWB Heating: -15°C15.5°CWB | Cooling: -5°C-43°CDB Cooling & Heating: -8°C-18°CWB Heating: -15°C15.5°CWB |
| Qty per 20'/40'/40'HQ | | | 9/20/20*2+7/14/14 | 9/20/20+7/14/14+7/14/14 |

*1 GB/T18837 Testing condition is:
 Cooling-indoor 27°C DB/19°CWB and Outdoor 35°CDB/24°CWB
 Heating-indoor 20°CDB and Outdoor 7°CDB/6°CWB

*2 Precharge refrigerant in outdoor unit is 10kg. The actual refrigerant amount please refer to selection software.

| Model | | | YCVI130HR | YCVI180HR |
|-------------------|--------------------------------|----------|--|--|
| Power supply | | Ph-V-Hz | 380~400-3-50/60 | 380~400-3-50/60 |
| Nominal capacity | | HP | 40 | 42 |
| Cooling*1 | Capacity | kW | 113 | 118 |
| | Power Input | kW | 33.95 | 35.75 |
| | EER | | 3.33 | 3.30 |
| | Current | A | 55.47 | 58.41 |
| Heating*1 | Capacity | kW | 126.5 | 131.5 |
| | Power Input | kW | 32.57 | 34.97 |
| | COP | | 3.88 | 3.76 |
| | Current | A | 53.21 | 57.13 |
| Max. Power Input | | kW | 53.73 | 55.66 |
| Max. Current | | A | 85.27 | 88.14 |
| Compressor | Type | | DC INV. SCROLL+ (DC INV. SCROLL+STD SCROLL)+ (DC INV. SCROLL+STD SCROLL) | DC INV. SCROLL+ (DC INV. SCROLL+STD SCROLL)*2 |
| | Capacity | W | 17200W+(17200W+21000W)+ (17200W+21000W) | 17200W+ (17200W+21000W)*2 |
| | Power Input | W | 5250W+(5250W+6520W)+ (5250W+6520W) | 5250W+ (5250W+6520W)*2 |
| | Rated Current (RLA) | A | 18.5+ (18.5+9.4) + (18.5+9.4) | 18.5 + (18.5+9.4)*2 |
| | Speed | rps | 60 | 60 |
| | Crankcase Heater | W | 33+ (33+33) + (33+33) | 33+ (33+33)*2 |
| | Refrigerant oil | ml | (2300+1000) + (2300+1700+2000)+ (2300+1700+2000) | (2300+1000) + (2300+1700+2000)*2 |
| Outdoor fan motor | Voltage | | 208-230 | 208-230 |
| | IP Class | | IP23 | IP23 |
| | Type | | DC | DC |
| | Insulation Class | | E | E |
| | Safe Class | | I | I |
| | Power Input | W | 1000+500*2+500*2 | 1000+(500*2)*2 |
| | Output | W | 750+375*2+375*2 | 750+(375*2)*2 |
| | Rated Current | A | 4.4+3.0*2+3.0*2 | 4.4+(3.0*2)*2 |
| | Capacitor | μF | / | / |
| Outdoor fan | Speed | rpm | 825+960+960 | 825+960*2 |
| | Material | | Plastic | Plastic |
| | Type | | Axial | Axial |
| | Diameter | mm | 642+540+540 | 642+540*2 |
| Outdoor coil | Height | mm | 198+190.5+190.5 | 198+190.5*2 |
| | Number of Rows | | 2+3+3 | 2+3*2 |
| | Tube Pitch (a) x Row Pitch (b) | mm | 19.05*22 | 19.05*22 |
| | Fin Spacing | mm | 1.70 | 1.70 |
| | Fin Type | | Hydrophilic aluminum | Hydrophilic aluminum |
| | Fin Coating Type | Optional | Clear lacquer | Clear lacquer |
| | Salt Spray Test Duration | Hour | 168 | 168 |
| | Tube Outside Dia.and Type | | INNERGROOVE TUBE | INNERGROOVE TUBE |
| | | mm | Φ8 | Φ8 |
| | Coil Length x Height | mm | (1340x660)*2+ (1760x660)*2+ (1760x660)*2 | (1340x660)*2+ (1760x660)*2*2 |
| Cabinet Coating | Number of Circuits | | 10+16+16 | 10+16*2 |
| | Coating Type | | Powder Coating | Powder Coating |
| | Salt Spray Test Duration | Hour | 72 | 72 |
| | Sheet Metal Material | | Hot zinc plate | Hot zinc plate |
| | Sheet Metal Thickness | | 0.8 | 0.8 |

Continued

| Model | | | YCV1130HR | YCV1180HR |
|---|--|-----------------|---|---|
| Control Panel Enclosure IP Class | | | IP24 | IP24 |
| Outdoor Air Flow | m ³ /h | | 39300 | 39300 |
| Outdoor Sound Level (Sound Pressure Level) | dB (A) | | 63 | 63 |
| Outdoor unit | Dimension (WxHxD) | mm | (990x1808x750) + (1390x1808x750)+ (1390x1808x750) | (990x1808x750)+ (1390x1808x750)*2 |
| | Packing (WxHxD) | mm | (1090x1990x860) + (1490x1990x860)+ (1490x1990x860) | (1090x1990x860) + (1490x1990x860)*2 |
| | Net/Gross weight | kg | 976/1027 | 976/1027 |
| Refrigerant | Type | | R-410A | R-410A |
| | Charged volume*2 | kg | 30 | 30 |
| Throttle type | | | EXV | EXV |
| Design pressure | MPa | | 4.15 | 4.15 |
| Refrigerant piping | Liquid / Suction gas / High pressure gas | mm | ø19.05/ø38.1/ø34.9 | ø19.05/ø38.1/ø34.9 |
| | Max. Refrigerant pipe length | m | 175 | 175 |
| | Max.Diff. indoor/outdoor unit | m | 50 (Outdoor higher than indoor) 40 (Indoor higher than outdoor) | 50 (Outdoor higher than indoor) 40 (Indoor higher than outdoor) |
| | Max.Diff. indoor/indoor unit | m | 15 | 15 |
| Maximum indoor units | Piece | | 64 | 64 |
| Connection wiring | Power wiring | mm ² | 57 | 57 |
| | Signal wiring | mm ² | Shield Wire: (0.75-2)*2 | Shield Wire: (0.75-2)*2 |
| Operation Range | °C | | Cooling: -5°C-43°CDB Cooling & Heating: -8°C-18°CWB Heating: -15°C-15.5°CWB | Cooling: -5°C-43°CDB Cooling & Heating: -8°C-18°CWB Heating: -15°C-15.5°CWB |
| Qty per 20'/40'/40'HQ | | | 9/20/20+7/14/14+7/14/14 | 9/20/20+7/14/14*2 |

*1 GB/T18837 Testing condition is:

Cooling-indoor 27°C DB/19°CWB and Outdoor 35°CDB/24°CWB

Heating-indoor 20°CDB and Outdoor 7°CDB/6°CWB

*2 Precharge refrigerant in outdoor unit is 10kg. The actual refrigerant amount please refer to selection software.

| Model | | | YCVI235HR | YCVI300HR |
|-------------------|--------------------------------|----------|---|---|
| Power supply | | Ph-V-Hz | 380~400-3-50/60 | 380~400-3-50/60 |
| Nominal capacity | | HP | 44 | 46 |
| Cooling*1 | Capacity | kW | 123.5 | 130 |
| | Power Input | kW | 37.38 | 40.5 |
| | EER | | 3.30 | 3.21 |
| | Current | A | 61.07 | 66.17 |
| Heating*1 | Capacity | kW | 137.5 | 145 |
| | Power Input | kW | 36.15 | 38.1 |
| | COP | | 3.80 | 3.81 |
| | Current | A | 59.06 | 62.25 |
| Max. Power Input | | kW | 58.5 | 59.51 |
| Max. Current | | A | 92.64 | 94.24 |
| Compressor | Type | | (DC INV. SCROLL+STD SCROLL)+ (DC INV. SCROLL+STD SCROLL)*2 | (DC INV. SCROLL+STD SCROLL)+ (DC INV. SCROLL+STD SCROLL)*2 |
| | Capacity | W | (17200W+21000W)+ (17200W+21000W)*2 | (17200W+21000W)+ (17200W+21000W)*2 |
| | Power Input | W | (5250W+6520W) + (5250W+6520W)*2 | (5250W+6520W) + (5250W+6520W)*2 |
| | Rated Current (RLA) | A | (18.5+9.4) + (18.5+9.4)*2 | (18.5+9.4) + (18.5+9.4)*2 |
| | Speed | rps | 60 | 60 |
| | Crankcase Heater | W | (33+33) + (33+33)*2 | (33+33) + (33+33)*2 |
| | Refrigerant oil | ml | (2300+1700+2000) + (2300+1700+2000)*2 | (2300+1700+2000) + (2300+1700+2000)*2 |
| Outdoor fan motor | Voltage | | 208-230 | 208-230 |
| | IP Class | | IP23 | IP23 |
| | Type | | DC | DC |
| | Insulation Class | | E | B |
| | Safe Class | | I | I |
| | Power Input | W | 500*2+ (500*2)*2 | 500*2+ (500*2)*2 |
| | Output | W | 375*2+ (375*2)*2 | 375*2+ (375*2)*2 |
| | Rated Current | A | 3.0*2+ (3.0*2)*2 | 3.0*2+ (3.0*2)*2 |
| | Capacitor | μF | / | / |
| Outdoor fan | Speed | rpm | 960+960*2 | 960+960*2 |
| | Material | | Plastic | Plastic |
| | Type | | Axial | Axial |
| | Diameter | mm | 540+540*2 | 540+540*2 |
| Outdoor coil | Height | mm | 190.5+190.5*2 | 190.5+190.5*2 |
| | Number of Rows | | 3+3*2 | 3+3*2 |
| | Tube Pitch (a) x Row Pitch (b) | mm | 19.05*22 | 19.05*22 |
| | Fin Spacing | mm | 1.70 | 1.70 |
| | Fin Type | | Hydrophilic aluminum | Hydrophilic aluminum |
| | Fin Coating Type | Optional | Clear lacquer | Clear lacquer |
| | Salt Spray Test Duration | Hour | 168 | 168 |
| | Tube Outside Dia.and Type | | INNERGROOVE TUBE | INNERGROOVE TUBE |
| | | mm | Φ8 | Φ8 |
| | Coil Length x Height | mm | (1760x660)*2+ (1760x660)*2*2 | (1760x660)*2+ (1760x660)*2*2 |
| Cabinet Coating | Number of Circuits | | 16+16*2 | 16+16*2 |
| | Coating Type | | Powder Coating | Powder Coating |
| | Salt Spray Test Duration | Hour | 72 | 72 |
| | Sheet Metal Material | | Hot zinc plate | Hot zinc plate |
| | Sheet Metal Thickness | | 0.8 | 0.8 |

Continued

| Model | | | YCV1235HR | YCV1300HR |
|---|--|-----------------|---|---|
| Control Panel Enclosure IP Class | | | IP24 | IP24 |
| Outdoor Air Flow | m ³ /h | | 42300 | 42300 |
| Outdoor Sound Level (Sound Pressure Level) | dB (A) | | 64 | 64 |
| Outdoor unit | Dimension (WxHxD) | mm | (1390x1808x750) + (1390x1808x750)*2 | (1390x1808x750) + (1390x1808x750)*2 |
| | Packing (WxHxD) | mm | (1490x1990x860) + (1490x1990x860)*2 | (1490x1990x860) + (1490x1990x860)*2 |
| | Net/Gross weight | kg | 1104/1158 | 1104/1158 |
| Refrigerant | Type | | R-410A | R410A |
| | Charged volume*2 | kg | 30 | 30 |
| Throttle type | | | EXV | EXV |
| Design pressure | MPa | | 4.15 | 4.15 |
| Refrigerant piping | Liquid / Suction gas / High pressure gas | mm | ø19.05/ø38.1/ø34.9 | ø19.05/ø38.1/ø34.9 |
| | Max. Refrigerant pipe length | m | 175 | 175 |
| | Max.Diff. indoor/outdoor unit | m | 50 (Outdoor higher than indoor) 40 (Indoor higher than outdoor) | 50 (Outdoor higher than indoor) 40 (Indoor higher than outdoor) |
| | Max.Diff. indoor/indoor unit | m | 15 | 15 |
| Maximum indoor units | Piece | | 64 | 64 |
| Connection wiring | Power wiring | mm ² | 57 | 66 |
| | Signal wiring | mm ² | Shield Wire: (0.75-2)*2 | Shield Wire: (0.75-2)*2 |
| Operation Range | °C | | Cooling: -5°C-43°CDB Cooling & Heating: -8°C-18°CWB Heating: -15°C-15.5°CWB | Cooling: -5°C-43°CDB Cooling & Heating: -8°C-18°CWB Heating: -15°C-15.5°CWB |
| Qty per 20'/40'/40'HQ | | | 7/14/14+7/14/14*2 | 7/14/14+7/14/14*2 |

*1 AHRI1230 Testing condition is:

Cooling-indoor 26.7°C DB/19.4°CWB and Outdoor 35°CDB/23.9°CWB

Heating-indoor 21.1°CDB/15.6°CWB and Outdoor 8.3°CDB/6.1°CWB

*2 Precharge refrigerant in outdoor unit is 10kg. The actual refrigerant amount please refer to selection software.

| | | | |
|-------------------|--------------------------------|----------|-----------------------------------|
| Model | | | YCV1350HR |
| Power supply | | Ph-V-Hz | 380-400-3-50/60 |
| Nominal capacity | | HP | 48 |
| Cooling*1 | Capacity | kW | 135 |
| | Power Input | kW | 42.3 |
| | EER | | 3.19 |
| | Current | A | 69.11 |
| Heating*1 | Capacity | kW | 150 |
| | Power Input | kW | 40.5 |
| | COP | | 3.70 |
| | Current | A | 66.17 |
| Max. Power Input | | kW | 61.44 |
| Max. Current | | A | 97.11 |
| Compressor | Type | | (DC INV. SCROLL+ STD SCROLL)*3 |
| | Capacity | W | (17200W+21000W)*3 |
| | Power Input | W | (5250W+6520W)*3 |
| | Rated Current (RLA) | A | (18.5+9.4)*3 |
| | Speed | rps | 60 |
| | Crankcase Heater | W | (33+33)*3 |
| | Refrigerant oil | ml | (2300+1700+2000)*3 |
| Outdoor fan motor | Voltage | | 208-230 |
| | IP Class | | IP23 |
| | Type | | DC |
| | Insulation Class | | B |
| | Safe Class | | I |
| | Power Input | W | (500*2)*3 |
| | Output | W | (375*2)*3 |
| | Rated Current | A | (3.0*2)*3 |
| | Capacitor | μF | / |
| | Speed | rpm | 960*3 |
| Outdoor fan | Material | | Plastic |
| | Type | | Axial |
| | Diameter | mm | 540*3 |
| | Height | mm | 190.5*3 |
| Outdoor coil | Number of Rows | | 3*3 |
| | Tube Pitch (a) x Row Pitch (b) | mm | 19.05*22 |
| | Fin Spacing | mm | 1.70 |
| | Fin Type | | Hydrophilic aluminum |
| | Fin Coating Type | Optional | Clear lacquer |
| | Salt Spray Test Duration | Hour | 168 |
| | Tube Outside Dia.and Type | | INNERGROOVE TUBE |
| | | mm | Φ8 |
| | Coil Length x Height | mm | (1760x660)*2*3 |
| | Number of Circuits | | 16*3 |
| Cabinet Coating | Coating Type | | Powder Coating |
| | Salt Spray Test Duration | Hour | 72 |
| | Sheet Metal Material | | Hot zinc plate |
| | Sheet Metal Thickness | | 0.8 |

Continued

| Model | | | YCVI350HR |
|---|--|-----------------|--|
| Control Panel Enclosure IP Class | | | IP24 |
| Outdoor Air Flow | m ³ /h | | 42300 |
| Outdoor Sound Level (Sound Pressure Level) | dB (A) | | 64 |
| Outdoor unit | Dimension (WxHxD) | mm | (1390x1808x750)*3 |
| | Packing (WxHxD) | mm | (1490x1990x860)*3 |
| | Net/Gross weight | kg | 1104/1158 |
| Refrigerant | Type | | R410A |
| | Charged volume*2 | kg | 30 |
| Throttle type | | | EXV |
| Design pressure | MPa | | 4.15 |
| Refrigerant piping | Liquid / Suction gas / High pressure gas | mm | ø19.05/ø34.9/ø38.1 |
| | Max. Refrigerant pipe length | m | 175 |
| | Max.Diff. indoor/outdoor unit | m | 50 (Outdoor higher than indoor) 40 (Indoor higher than outdoor) |
| | Max.Diff. indoor/indoor unit | m | 15 |
| Maximum indoor units | Piece | | 64 |
| Connection wiring | Power wiring | mm ² | 75 |
| | Signal wiring | mm ² | Shield Wire: (0.75-2)*2 Cooling: -5°C-43°CDB Cooling & Heating: -8°C-18°CWB Heating: -15°C-15.5°CWB |
| Operation Range | °C | | |
| Qty per 20'/40'/40'HQ | | | (7/14/14)*3 |

*1 GB/T18837 Testing condition is:
 Cooling-indoor 27°C DB/19°CWB and Outdoor 35°CDB/24°CWB
 Heating-indoor 20°CDB and Outdoor 7°CDB/6°CWB

*2 Precharge refrigerant in outdoor unit is 10kg. The actual refrigerant amount please refer to selection software.

INSTALLATION MANUAL

VRF Standard Ambient Outdoor Heat Recovery 380V/3Ph/50~60Hz

YCV280HR
YCV335HR
YCV400HR
YCV450HR

Read this manual before installation and operation
Make sure that it is well kept for later reference

User Manual

This series is cooling and heating heat recovery models. Only when the system is equipped with Valve Box (VP) device, indoor units connecting with different VP device can achieve cooling and heating simultaneously.

The modes of the indoors connecting with the same VP device should be the same. If the indoors connected without VP device, the indoors only can run one mode -cooling mode regardless of the operation mode of the outdoor unit.

To protect compressor, before startup, the unit should be electrified for over 12 hours. If the unit is not used for a long time, please cut off the power to save energy, or the unit will consume the power.

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Operation condition:

To use the air conditioner normally, please perform as to the below conditions.

Operating Range of Air Conditioner

| | | | | |
|---------------------|---------|------|---------|-----------|
| Cooling dry | Indoor | Max. | DB:32°C | WB:23°C |
| | | Min. | DB:18°C | WB:14°C |
| | Outdoor | Max. | DB:43°C | |
| | | Min. | DB:-5°C | |
| Heating | Indoor | Max. | DB:27°C | |
| | | Min. | DB:15°C | |
| | Outdoor | Max. | | WB:15.5°C |
| | | Min. | | WB:-15°C |
| Cooling and heating | Indoor | Max. | DB:27°C | |
| | | Min. | DB:18°C | WB:14°C |
| | Outdoor | Max. | | WB:18°C |
| | | Min. | | WB:-8°C |

Safety

- This manual should always be accessible and close to this air condition equipment.
- There are two types of indications, "△WARNING" and "△CAUTION". The indication preventing from death or heavy injury is listed as "△WARNING". Even the indication listed as "△CAUTION" may also cause serious accident. Both of them are related to safety, and should be strictly followed.
- After installation and start-up commissioning, please handover the manual to the user. The manual should be well kept in safe place and close to the unit.

△WARNING

- The installation or the maintenance should be performed by an authorized agency. The wrong operation of this air condition equipment may cause water leakage, electric shock or fire
- Please install the unit on the top of a solid foundation or structure which is strong enough to support the unit.
- The installation of this air condition equipment should follow local construction codes.
- Use the right cable size, secure the terminal firmly, organize the cables well and make sure no tension is added on cables. Cable insulation should not be damaged. The incorrect installation may lead to overheat or fire
- When installing or moving the unit, the refrigerant system should be vacuumed and recharged with R-410A refrigerant. If any other gas enters the system, it may lead to abnormal high pressure which may cause damage or injury.
- Please use the proper manifolds or branches during the system installation. The wrong parts may cause refrigerant leakage.
- Keep the drain pipe away from toxic gas vents to prevent possible pollution of indoor environment.
- During or after the installation, please check whether there is refrigerant leakage. If any leakage, please take any measures for ventilation. The refrigerant may be toxic at some concentration levels.
- The unit is not explosion-proof. Please keep it away from flammable gases
- The drain pipe should be installed per this manual to ensure proper drainage. The pipe should be well insulated to avoid condensation. Wrong installation may lead to water leakage.
- All of liquid pipe, HP gas pipe and the suction gas pipe should be also well insulated. Not enough insulation may lead to system performance deterioration or humidity formation.
- This air condition equipment is not intended to be operated by persons with lack of experience and training, unless they have supervision or instruction concerning use of this air condition equipment.
- Please keep children away from this air condition equipment.

Safety

⚠ CAUTION

- Grounding wire should be connected with the grounding bar. The grounding wire can not be connected to the gas pipe, water pipe, lightening rod or the telephone grounding wire. Improper grounding may cause electric shock.
- Units installed on roof should have appropriate access and handrail.
- Use the wrench to fasten the nut and flare at proper torque. Excessive torque may cause flared section to break leading to refrigerant leakage.
- After refrigerant pipe installation, please take nitrogen leakage test to avoid refrigerant leakage.
- R-410A is the only permitted refrigerant.
- To avoid mischarging wrong refrigerant, the check valve diameter is changed for R-410A. To strengthen the pipe, the flared pipe dimension is also changed. Please use R-410A specified tools as shown below.

| | R-410A specified tool | Remarks |
|---|---|---|
| 1 | Gauge manifold | Range:HP > 4.5MPa,LP > 2MPa |
| 2 | Charge hose | Pressure:HP:5.3MPa,LP:3.5MPa |
| 3 | Electronic weight for charging R410A | No other means permitted |
| 4 | Torque wrench | |
| 5 | Flare tool | |
| 6 | Copper pipe gauge for adjusting projecting margin | |
| 7 | Vacuum pump fitting | Vacuum pump must be equipped with check valve |
| 8 | Leakage detector | Only Helium detector permitted |

- When charging refrigerant, the refrigerant must be in liquid state from the tank.
- To prevent EMC interference on other appliances, please keep indoor unit, outdoor unit, power cable and connecting wire at least 1m away from those appliances.
- Fluorescent lamp (reverse phase or rapid start type) may interfere with the remote controller's signal. Please install indoor unit away from fluorescent lamp. The farther the better.

Installation instruction

For installation, please review the items below:

- Is the connected units quantity and the total capacity in the allowable range?
- Is the refrigerant pipe length in the limited range?
- Is the pipe size proper? And if the pipe is installed horizontally?
- Is the branch pipe installed horizontally or vertically?
- Is the additional refrigerant counted correctly and weighed by the standard balance?
- Is there refrigerant leakage?
- Can all the indoor power supplies be on/off simultaneously?
- Is the power voltage in compliance with the data marked on the rating label?
- Have the address of indoor units, VP units and outdoor units been set?

Before installation, read the manual for outdoors, indoors and VP units.

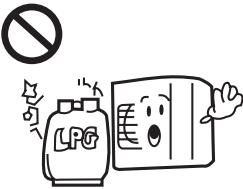
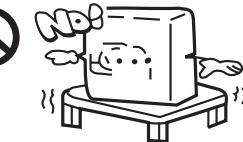
(1) Before installation

- 1) Before installation, check respectively if the model, power supply, pipe, wires and parts purchased are correct.
- 2) Check if the indoors and outdoors can be combined as the following.

| Outdoor | | Indoor | | Gather pipe |
|--------------------|---------------------------|------------|-----------------------------------|-------------|
| Capacity (100W) | Combination type | Indoor Qty | Total indoor capacity (kBtu/h) | |
| 224 | Single (8HP) | 13 | 113-293 | |
| 280 | Single (10HP) | 16 | 140-364 | |
| 335 | Single (12HP) | 19 | 167-436 | |
| 400 | Single (14HP) | 23 | 200-520 | |
| 450 | Single (16HP) | 26 | 225-585 | |
| 504 | Combination (239+293) | 29 | 252-656 | TAS20HR |
| 560 | Combination (293+293) | 33 | 280-728 | TAS20HR |
| 615 | Combination (351+293) | 36 | 307-800 | TAS20HR |
| 680 | Combination (417+293) | 39 | 340-884 | TAS20HR |
| 730 | Combination (450+293) | 43 | 365-949 | TAS20HR |
| 800 | Combination (417+417) | 46 | 400-1040 | TAS20HR |
| 850 | Combination (417+450) | 50 | 425-1105 | TAS20HR |
| 900 | Combination (450+450) | 53 | 450-1170 | TAS20HR |
| 960 | Combination (417+293+293) | 56 | 480-1248 | TAS30HR |
| 1010 | Combination (450+293+293) | 59 | 505-1313 | TAS30HR |
| 1080 | Combination (293+417+417) | 63 | 540-1404 | TAS30HR |
| 1130 | Combination (417+293+450) | 64 | 565-1469 | TAS30HR |
| 1180 | Combination (450+450+293) | 64 | 590-1534 | TAS30HR |
| 1235 | Combination (351+450+450) | 64 | 617-1606 | TAS30HR |
| 1300 | Combination (417+450+450) | 64 | 650-1690 | TAS30HR |
| 1350 | Combination (450+450+450) | 64 | 675-1755 | TAS30HR |

Installation instruction

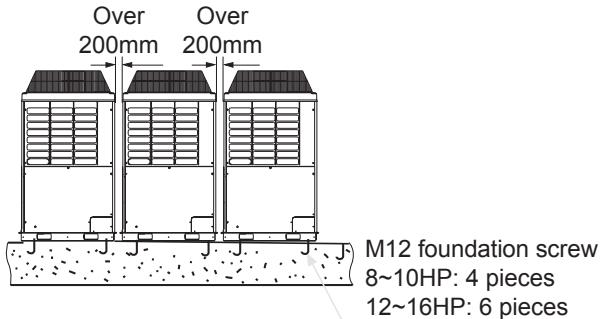
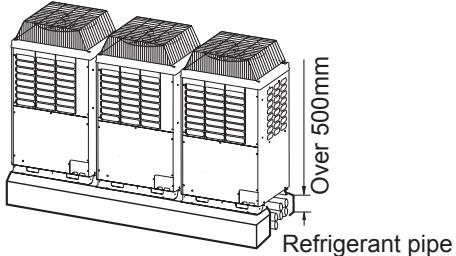
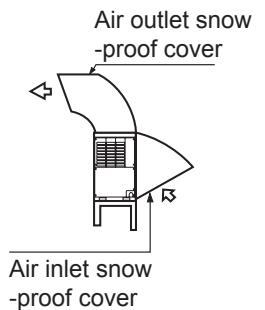
(2) Installation place selection

| | | |
|---|--|---|
| <p>Air-conditioner can't be installed in the place with inflammable gas. Or it will cause fire hazard</p>  | <p>The unit should be installed at the place with good ventilation. No obstacle at the air inlet/outlet. And no strong wind blows the unit.</p>  | <p>The unit should be installed at the strong enough place. Or it will cause vibration and noise.</p>  |
| <p>The unit should be installed at the place where the cold/hot air or noise will not interfere the neighbours.</p>  | <p>The installation space refers to the latter info.</p> <ul style="list-style-type: none"> • The place where the water can flow fluent . • The place where no other heat source will affect the unit. • Pay attention to the snow against clogging the outdoor unit. • In installation, install the anti-vibration rubber between the unit and the bracket. | <ul style="list-style-type: none"> • The unit is better not be installed at the below places, or it will cause damage. • The place where there is corrosive gas (spa area, etc). • The place blowing salty air (seaside, etc). • The place existing strong coal smoke. • The place with high humidity. • The place where there is device emitting Hertzian waves. • The place where voltage changes greatly. |

Installation instruction

Note:

1. Install adapter to change wind direction at the gas short circuit place.
2. When installing multiple units, there should be enough air inlet place against air in short circuit.
3. In snowy area, install the unit under the bracket or the snow-proof cover against the accumulative snow on the unit.
4. Do not install the unit at the place where the flammable gas will leak
5. Install the unit at the strong enough place.
6. Install the unit at the flat place
7. When the refrigerant pipe is leaded out from the bottom of the unit, the below section should be a bracket with over 500mm height, see below figure
8. When being installed at the place with strong wind, set the air outlet of the unit and the wind direction vertical.
Also fix the unit with the screw .
9. When opening the electric box cover for maintenance, please fix the cover with screw firm .



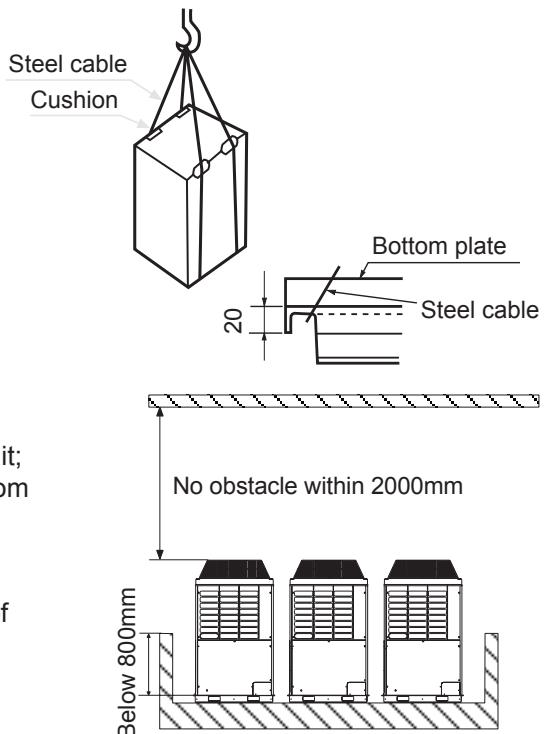
(3) Transportation

- In transportation, please don't dismantle the packaging, and move the unit to the installation location as closely as possible.
- Don't hang the unit only at two points. When hanging the unit, don't sit on the unit. The unit should be upright.
- When removing the unit with the forklift, put the fork into the special hole at bottom of the unit. When being hanged, the rope should be 4 pieces of steel cable with over 6mm diameter.
- Put the cushion at the contact section between steel cable and the unit against the distortion or damage.

Note:

There should be no obstacles in 2000mm above the top of outdoor unit;
Obstacles around outdoor unit should be less than 800mm to the bottom of unit.

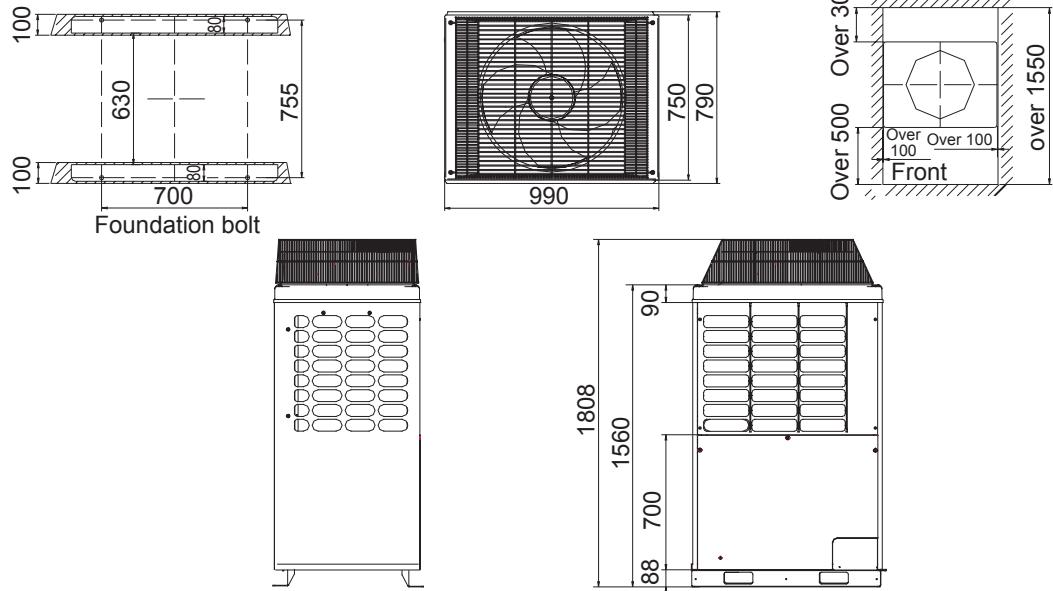
When multiple modules are installed, the outdoor unit should be in ranked as the capacity, the larger capacity is closer to the main pipe of gather pipe.



Exterior and installation dimensions

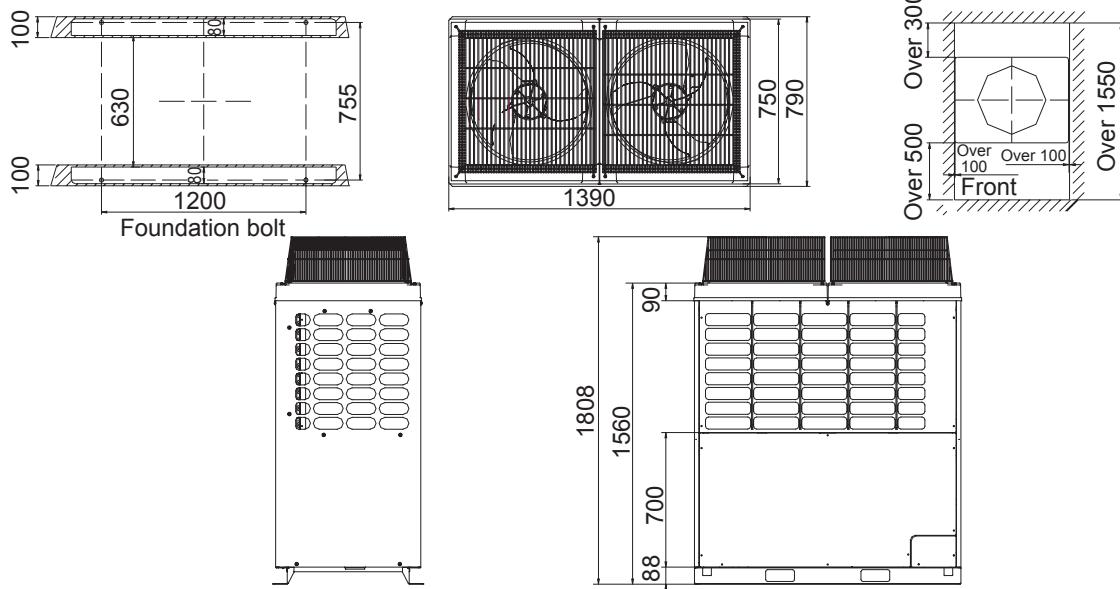
1. 8~10HP exterior and installation dimensions

(YCV280HR)



2. 12~16HP exterior and installation dimensions

(YCV335HR YCV450HR)



Note:

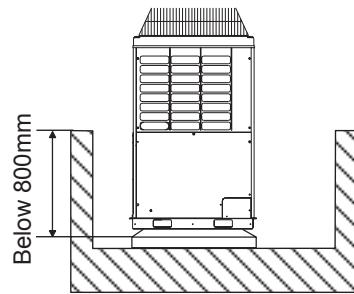
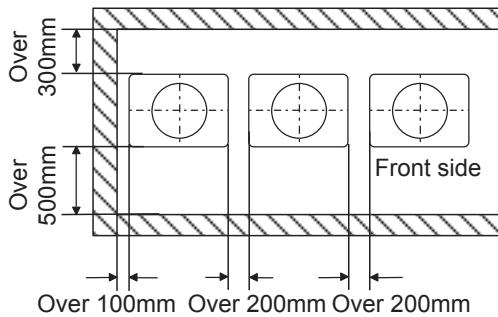
The distance between two outdoor units in the same line and the distance from unit to the wall can be increased for easy maintenance and better heat exchange if there is enough space.

Exterior and installation dimensions

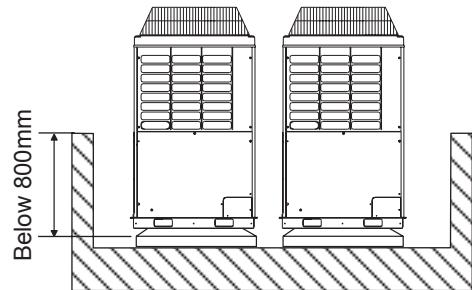
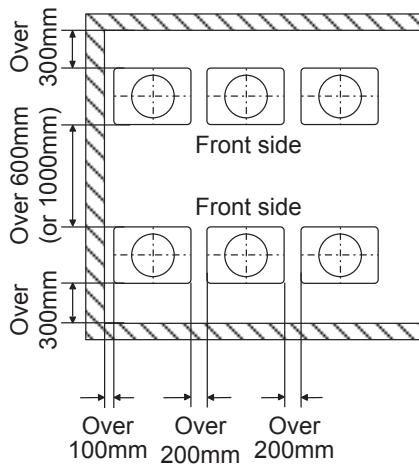
3. Combination installation dimensions

(1) When outer wall is lower than the outdoor condenser

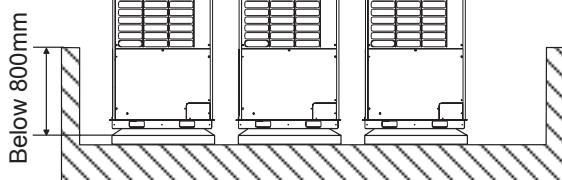
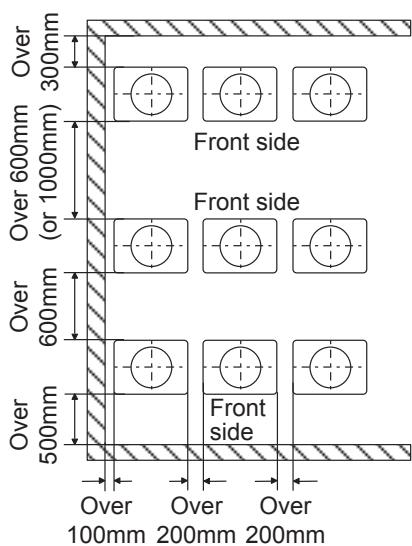
A. Sites for one-row layout



B. Sites for two-row layout



C. Sites for three-row layout



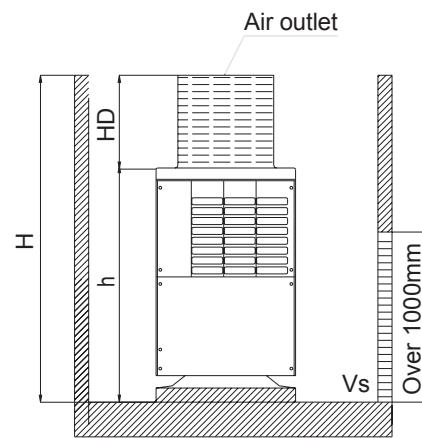
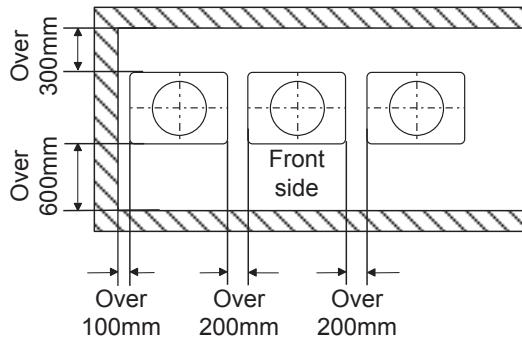
Exterior and installation dimensions

(2) Wall higher than the outdoor condenser

A. Place with air inlet hole

Notes:

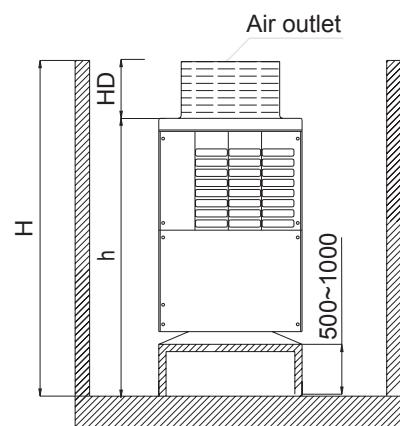
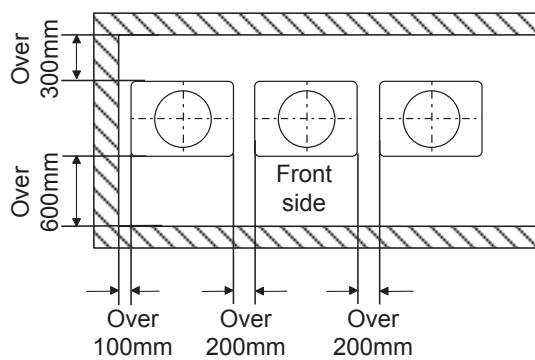
- a. Fan speed Vs at air inlet is 1.5m/s or below.
- b. Air outlet height $HD=H-h$ and below 1m.



B. Place without air inlet hole

Notes:

- a. Set a 500~1000mm bracket.
- b. Air outlet height $HD=H-h$ and below 1m.



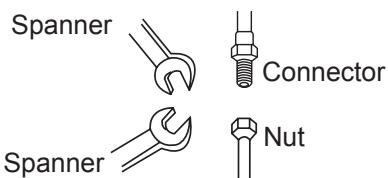
Installation procedure

A. Refrigerant pipe connection

Pipe connection method:

- To ensure the efficiency, the pipe should be as short as possible.
- Daub the refrigerant oil on the connector and the flare nut
- When bending the pipe, the bending semi-diameter should be as large as possible against the pipe being broken or bent.
- When connecting the pipe, aim at the center to thread the nut by hand and tighten it with the double spanners.
- Fastening torque please refers to "pipe specs and fastening torque" on page 59.
- Don't let the impurity such as sand, water etc into the pipe. Antifouling measures refer to Page 48.

When fastening and loosening the nut, operate with double spanners, because only one spanner cannot execute firmly.



If threading the nut as not aiming at the center, the screw thread will be damaged, further it will cause leakage.

Cautions in piping installation:

1. When welding the pipe with hard solder, charge nitrogen into the pipe against oxidation. The pressure gauge should be set at 0.02MPa. Perform the procedure with nitrogen circulation. Otherwise, the oxide film in the pipe may clog the capillary and expansion valve resulting in accident.
2. The refrigerant pipe should be clean. If the water and the other impurity enter the pipe, charge the nitrogen to clean the pipe. The nitrogen should flow under the pressure of about 0.5MPa and when charging the nitrogen stop up the end of the pipe by hand to enhance the pressure in the pipe, then loose the hand (meanwhile stop up the other end).
3. The piping installation should be executed after closing the stop valves.
4. When welding the valve and the pipe, cool down the valve with wet towel.
5. When the connection pipe and the branch pipe need to be cut down, please use the special shears and do not use the saw.
6. When welding copper pipe, use the phosphor copper welding rod without any welding flux. (welding flux will damage the piping system. The welding flux containing chlorine will corrode pipe, especially, the welding flux with fluorine will damage refrigeration oil).

Pipe material and specs selection

1. Please select the refrigerant pipe of the below material.
Material: the phosphoric oxidized seamless copper pipe, model: C1220T-1/2H (diameter is over 19.05); C1220T-0 (diameter is below 15.88).

2. Thickness and specs:
Confirm the pipe thickness and specs according to the pipe selection method (the unit is with R410A, if the pipe over 19.05 is O-type, the pressure preservation will be bad, thus it must be 1/2H type and over the min. thickness).
3. The branch pipe and the gather pipe must be from Airwell.
4. When installing the stop valve, refer to the relative operation instruction.
5. The pipe installation should be in the allowable range.
6. The installation of branch pipe and gather pipe should be performed according to the relative manual.

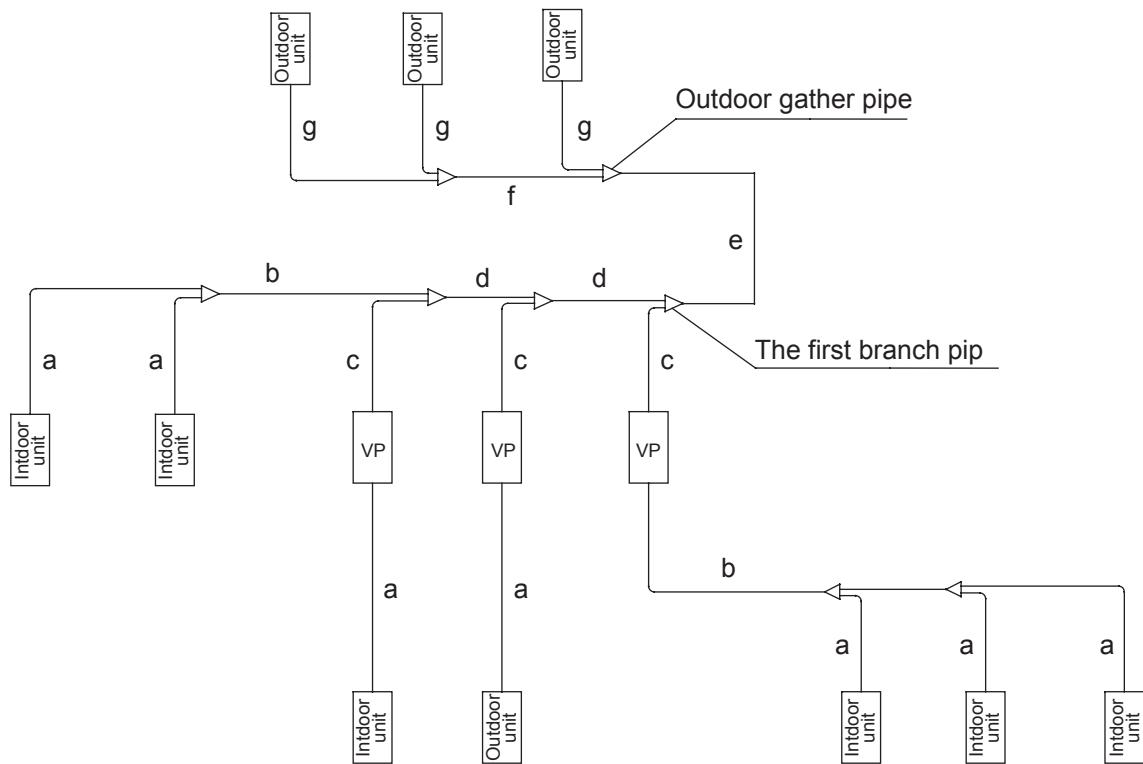
Installation procedure

Anti-fouling measures

First, clean the pipe.

| Position | Installation period | Measures |
|----------|---------------------------|--|
| Outdoor | More than 1 month | Flat the pipe end |
| | Less than 1 month | Flat the pipe end or seal with adhesive tape |
| Indoor | Nothing to do with period | |

Pipe specification:



Installation procedure

1. Pipe "a" diameter (between indoor and branch pipe) (depends on indoor pipe)

| Indoor (x100W) | Gas pipe (mm) | Liquid pipe (mm) |
|----------------|---------------|------------------|
| 22~28 | Ø9.52 | Ø6.35 |
| 36~56 | Ø12.7 | Ø6.35 |
| 71~140 | Ø15.88 | Ø9.52 |

2. Pipe "b" diameter (between branch pipes)

| Total indoor capacity after the branch pipe (kW) | Gas pipe (mm) | Liquid pipe (mm) |
|--|---------------|------------------|
| X<16.8kW | Ø15.88 | Ø9.52 |
| 16.8kW≤X<22.4kW | Ø19.05 | Ø9.52 |
| 22.4kW≤X<33.0kW | Ø22.22 | Ø9.52 |
| 33.0kW≤X<47.0kW | Ø28.58 | Ø12.7 |
| 47.0kW≤X<71.0kW | Ø28.58 | Ø15.88 |
| 71.0kW≤X<101.0kW | Ø31.8 | Ø19.05 |
| ≥101.0kW | Ø38.1 | Ø19.05 |

Note:

Adjust the diameter on field (changing pipe is needed)

When the latter indoor total capacity is less than 14.0kw, pipe b will use the specs as the pipe a.

3. Pipe "c" diameter (between VP and branch pipe) (depends on VP pipe)

| VP capacity | Suction gas pipe (mm) | HP gas pipe (mm) | Liquid pipe (mm) |
|-------------|-----------------------|------------------|------------------|
| 4HP | Ø15.88 | Ø12.7 | Ø9.52 |
| 6HP | Ø15.88 | Ø15.88 | Ø9.52 |
| 10HP | Ø22.22 | Ø19.05 | Ø9.52 |

4. Pipe "d" diameter (between VP branch pipes)

| Total indoor capacity after the branch pipe (KW) | Suction gas pipe (mm) | HP gas pipe (mm) | Liquid pipe (mm) |
|--|-----------------------|------------------|------------------|
| X<16.8kW | Ø15.88 | Ø12.7 | Ø9.52 |
| 16.8kW≤X<22.4kW | Ø19.05 | Ø15.88 | Ø9.52 |
| 22.4kW≤X<33.0kW | Ø22.22 | Ø19.05 | Ø9.52 |
| 33.0kW≤X<47.0kW | Ø28.58 | Ø25.4 | Ø12.7 |
| 47.0kW≤X<71.0kW | Ø28.58 | Ø25.4 | Ø15.88 |
| 71.0kW≤X<101.0kW | Ø31.8 | Ø28.58 | Ø19.05 |
| ≥101.0kW | Ø38.1 | Ø34.9 | Ø19.05 |

Installation procedure

5. Pipe "e" diameter (main pipe, between outdoor gather pipe and the first ranch pipe)

| Outdoor capacity (kW) | Main pipe | | | Enlarged main pipe | | |
|-----------------------|-----------------------|------------------|------------------|-----------------------|------------------|------------------|
| | Suction gas pipe (mm) | HP gas pipe (mm) | Liquid pipe (mm) | Suction gas pipe (mm) | HP gas pipe (mm) | Liquid pipe (mm) |
| 22.4 | Ø19.05 | Ø19.05 | Ø9.52 | Ø22.22 | Ø19.05 | Ø12.7 |
| 28.0 | Ø22.22 | Ø19.05 | Ø9.52 | Ø25.4 | Ø22.22 | Ø12.7 |
| 33.5 | Ø25.4 | Ø22.22 | Ø12.7 | Ø28.58 | Ø25.4 | Ø12.7 |
| 40.0 | Ø25.4 | Ø22.22 | Ø12.7 | Ø28.58 | Ø25.4 | Ø12.7 |
| 45.0 | Ø28.58 | Ø25.4 | Ø12.7 | Ø31.8 | Ø28.58 | Ø12.7 |
| 50.4 | Ø28.58 | Ø25.4 | Ø15.88 | Ø31.8 | Ø28.58 | Ø15.88 |
| 56.0 | Ø28.58 | Ø25.4 | Ø15.88 | Ø31.8 | Ø28.58 | Ø15.88 |
| 61.5 | Ø28.58 | Ø25.4 | Ø15.88 | Ø31.8 | Ø28.58 | Ø15.88 |
| 68.0 | Ø31.8 | Ø28.58 | Ø15.88 | Ø31.8 | Ø28.58 | Ø15.88 |
| 73.0 | Ø31.8 | Ø28.58 | Ø19.05 | Ø38.1 | Ø34.9 | Ø19.05 |
| 80.0 | Ø31.8 | Ø28.58 | Ø19.05 | Ø38.1 | Ø34.9 | Ø19.05 |
| 85.0 | Ø31.8 | Ø28.58 | Ø19.05 | Ø38.1 | Ø34.9 | Ø19.05 |
| 90.0 | Ø31.8 | Ø28.58 | Ø19.05 | Ø38.1 | Ø34.9 | Ø19.05 |
| 96.0 | Ø31.8 | Ø28.58 | Ø19.05 | Ø38.1 | Ø34.9 | Ø19.05 |
| 101.0 | Ø38.1 | Ø34.9 | Ø19.05 | Ø38.1 | Ø34.9 | Ø22.22 |
| 108.0 | Ø38.1 | Ø34.9 | Ø19.05 | Ø38.1 | Ø34.9 | Ø22.22 |
| 113.0 | Ø38.1 | Ø34.9 | Ø19.05 | Ø38.1 | Ø34.9 | Ø22.22 |
| 118.0 | Ø38.1 | Ø34.9 | Ø19.05 | Ø38.1 | Ø34.9 | Ø22.22 |
| 123.5 | Ø38.1 | Ø34.9 | Ø19.05 | Ø38.1 | Ø34.9 | Ø22.22 |
| 130.0 | Ø38.1 | Ø34.9 | Ø19.05 | Ø38.1 | Ø34.9 | Ø22.22 |
| 135.0 | Ø38.1 | Ø34.9 | Ø19.05 | Ø38.1 | Ø34.9 | Ø22.22 |

Note:

When the distance from outdoor to the longest indoor is over 90m, the main pipe should be the enlarged diameter.

6. Pipe "f" diameter (between gather pipes)

| Total outdoor capacity before gather pipe (kW) | Liquid pipe (mm) | HP gas pipe (mm) | Suction gas pipe (mm) |
|--|------------------|------------------|-----------------------|
| ~68.0 | Ø15.88 | Ø25.4 | Ø28.58 |
| 68.0~90 | Ø19.05 | Ø28.58 | Ø31.8 |

7. Pipe "g" diameter (between outdoor and the gather pipe)

| Outdoor capacity | Suction gas pipe (mm) | HP gas pipe (mm) | Liquid pipe (mm) | Oil equalization pipe (mm) |
|------------------|-----------------------|------------------|------------------|----------------------------|
| 8HP | Ø19.05 | Ø19.05 | Ø9.52 | Ø9.52 |
| 10HP | Ø22.22 | Ø19.05 | Ø9.52 | Ø9.52 |
| 12/14 HP | Ø25.4 | Ø22.22 | Ø12.7 | Ø9.52 |
| 16HP | Ø28.58 | Ø25.4 | Ø12.7 | Ø9.52 |

Installation procedure

Copper pipe selection:

| Material | O type pipe: Soft pipe | | | | |
|--------------------|------------------------|-------|-------|--------|--------|
| Pipe diameter (mm) | Ø6.35 | Ø9.52 | Ø12.7 | Ø15.88 | Ø19.05 |
| Thickness(mm) | 0.8 | 0.8 | 1.0 | 1.0 | 1.1 |

| Material | Hard pipe | | | | | | | |
|--------------------|-----------|--------|-------|--------|-------|-------|-------|-------|
| Pipe diameter (mm) | Ø19.05 | Ø22.22 | Ø25.4 | Ø28.58 | Ø31.8 | Ø34.9 | Ø38.1 | Ø41.3 |
| Thickness(mm) | 1.0 | 1.0 | 1.0 | 1.0 | 1.1 | 1.3 | 1.4 | 1.5 |

Long pipe and high drop

1. Applicable range

| Item | Model | | All outdoors |
|---|------------------|--|----------------------------------|
| Single way total pipe length | | | 300m (correspond length) |
| Single way pipe length | | | Max. 175m (correspond length) |
| Main pipe between outdoor to 1st branch | | | Max. 135m (correspond length) |
| Pipe length between outdoors | | | Less than 10m to 1st branch pipe |
| Height difference between indoor and outdoor | Outdoor is upper | | Max. 50m |
| | Outdoor is lower | | Max. 40m |
| Height difference between outdoors (in the same system) | | | Within 5m (better be horizontal) |
| Max. pipe length from 1st branch pipe to indoor | | | Max. 40m |
| Height difference between indoors | | | Max. 15m |

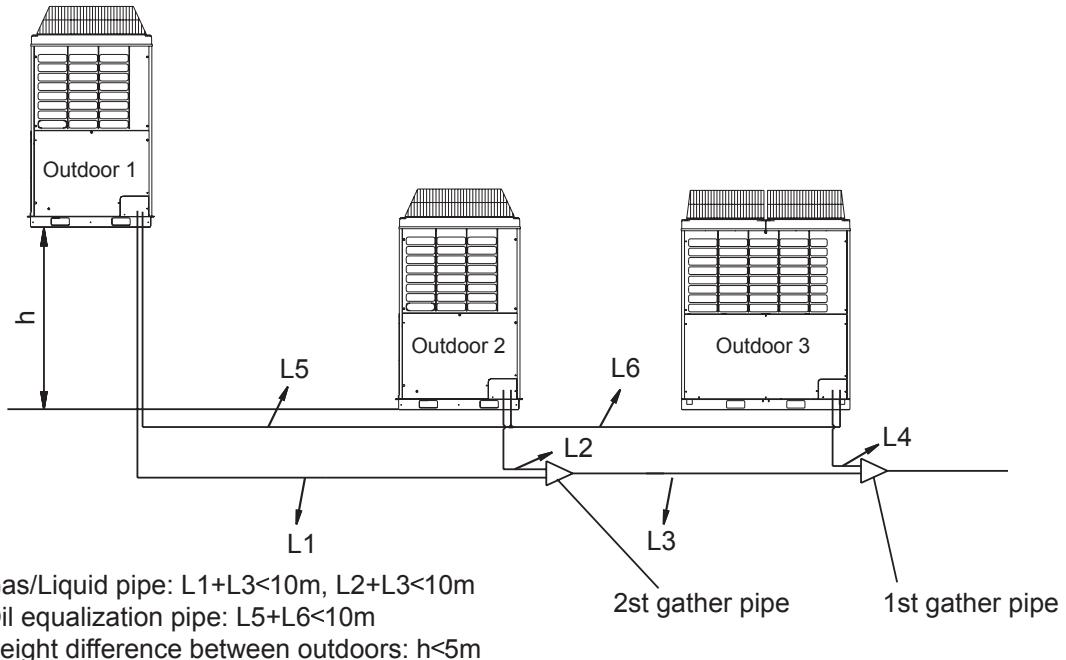
When the pipe between the outdoor unit and its furthest indoor unit is longer than 90m, the specification of master pipe (Gas pipe/ Liquid pipe) between outdoor unit and the first Y joint should be upgraded for one level. For more details, please refer to "Outdoor pipe selection table"

When the pipe between the first Y joint and its furthest indoor unit is longer than 40m,

- (1) The specification of the master pipe (Gas pipe/ Liquid pipe) between the first Y joint and its furthest indoor unit should be upgraded for one level.
- (2) The distance between the furthest indoor unit and the nearest one ≤ 40m.

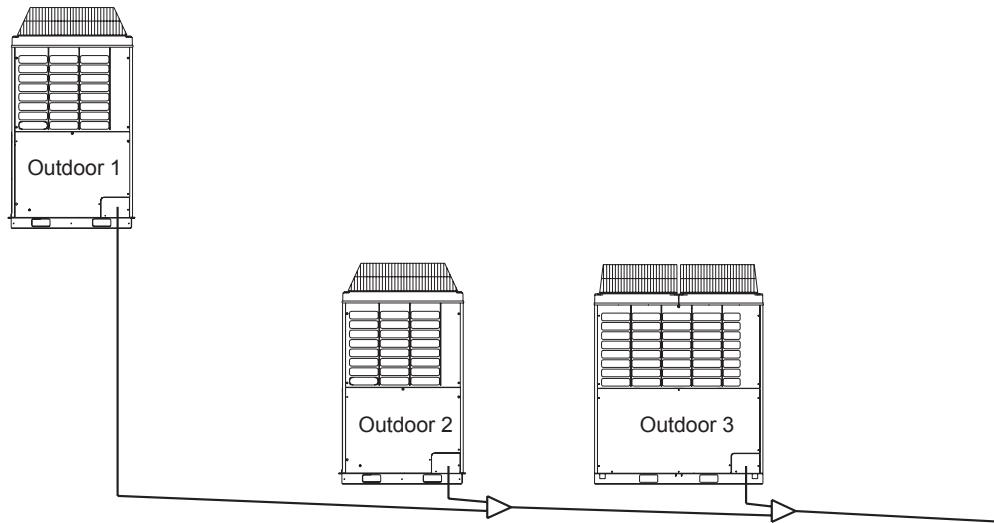
Installation procedure

2. Pipe length between outdoors



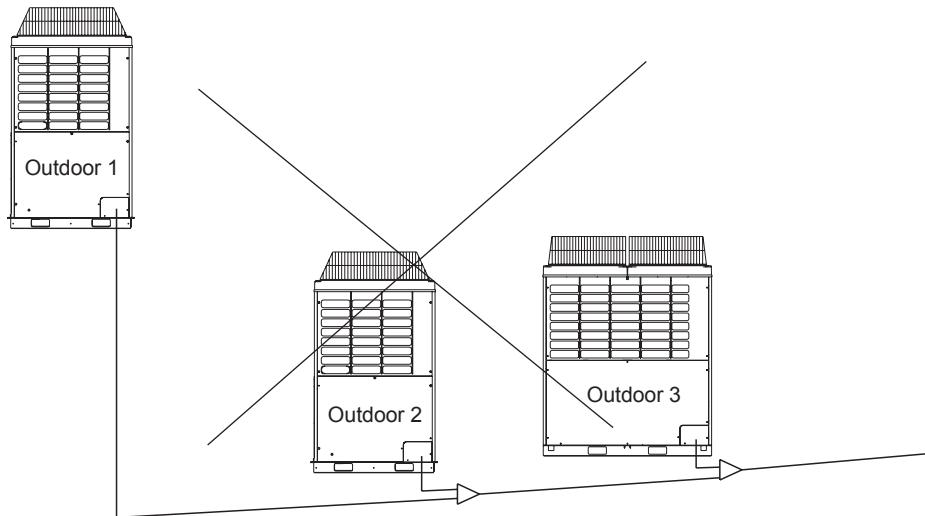
Note:

- a. TAS30HR includes TAS20HR;
- b. The connection pipe among outdoors can not be higher than the stop valve position;
- c. The connection pipe among outdoors should be horizontal or be in a certain angle as the below figure (less than 15 degree).

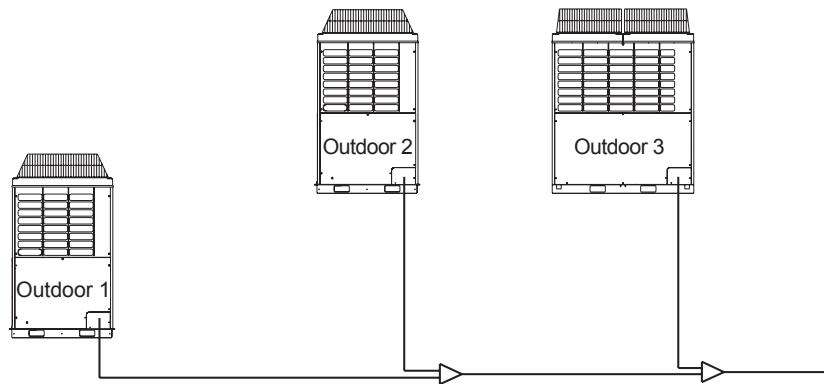
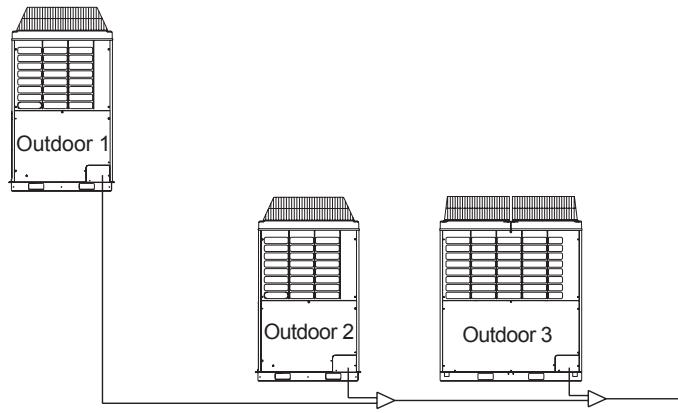


Installation procedure

Piping installation with positive slope is not allowed

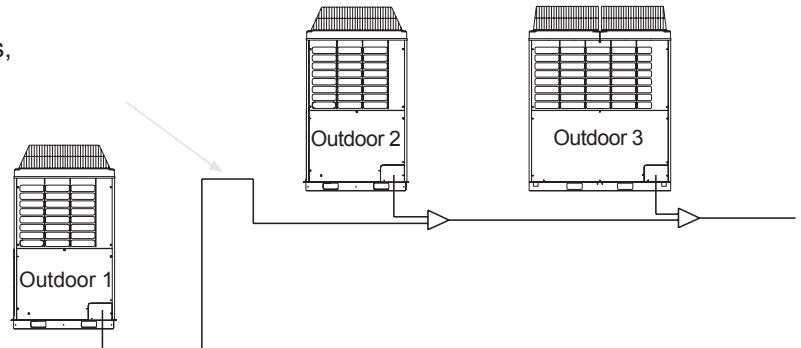


d. For installations with outdoors at different heights ,please follow either of the lay out below:

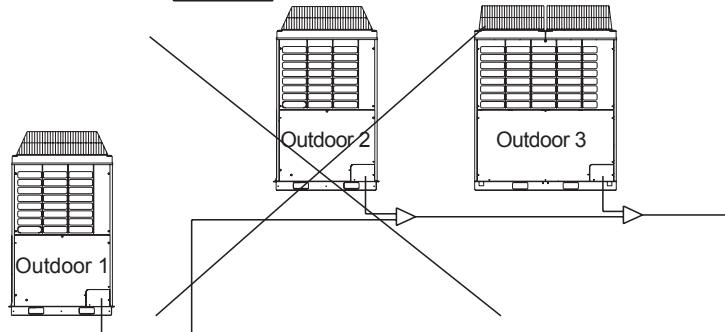


Installation procedure

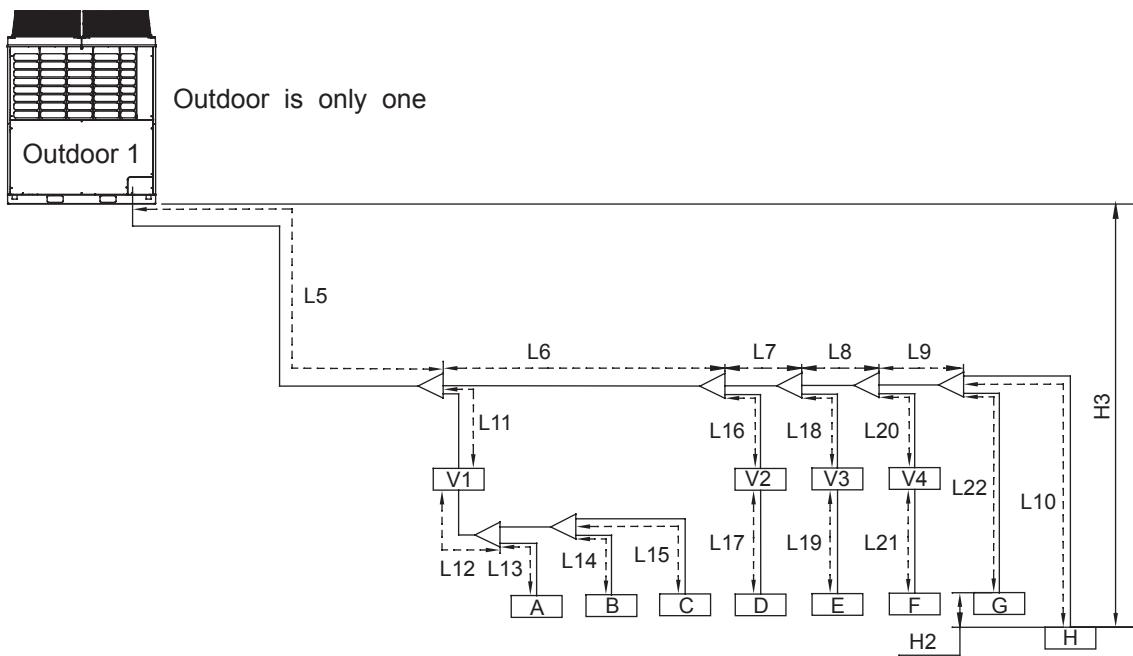
When changing the height of the pipe and connecting different outdoors at different heights, please do as the figure shows: Oil trap (upright projecting pipe, 200mm high), for maximum outdoor unit height difference, please refer to Page 55



Installation below is not allowed



3. Allowable piping length and drop between indoor and outdoor

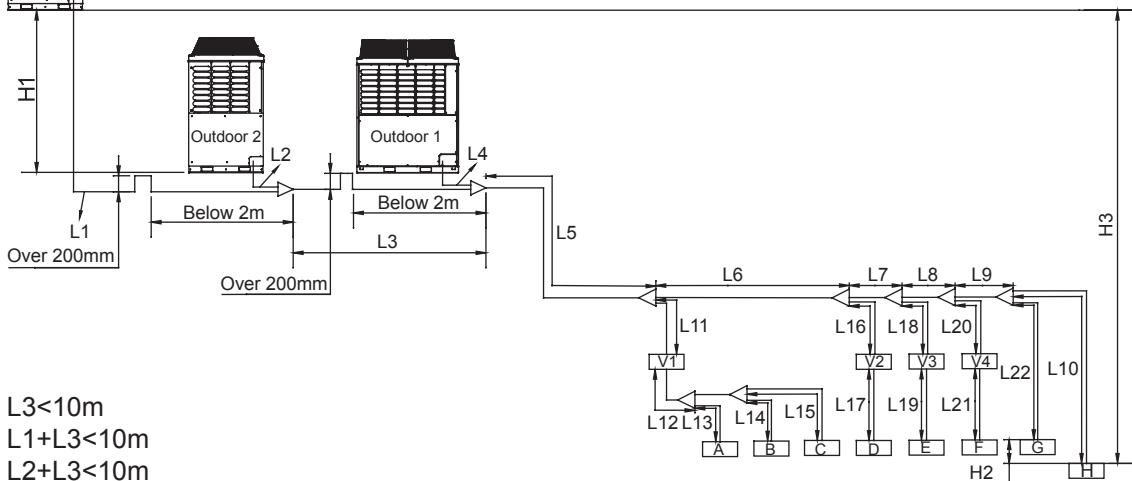


Installation procedure



The outdoor is more than one unit

When the distance between outdoors(L_1, L_3) is over 2m, the oil trap must be set (upright projecting pipe, 200mm high), as the figure



$L_3 < 10m$
 $L_1 + L_3 < 10m$
 $L_2 + L_3 < 10m$

Note:

V1---V4: VP unit

A---F: indoors (cool/heat selection possible)

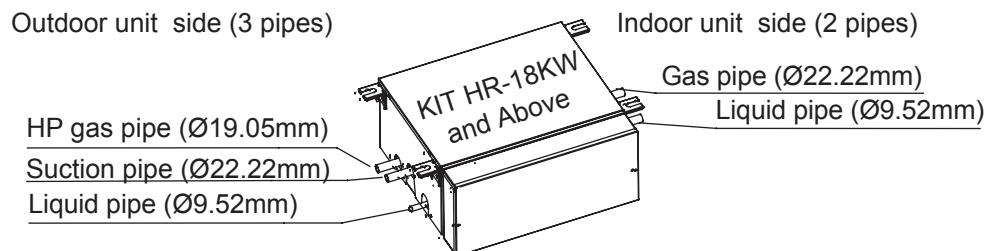
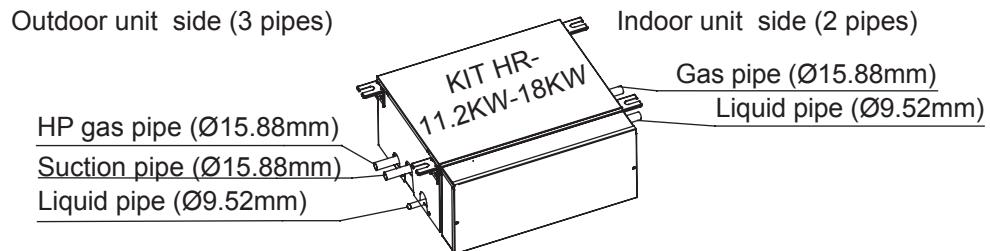
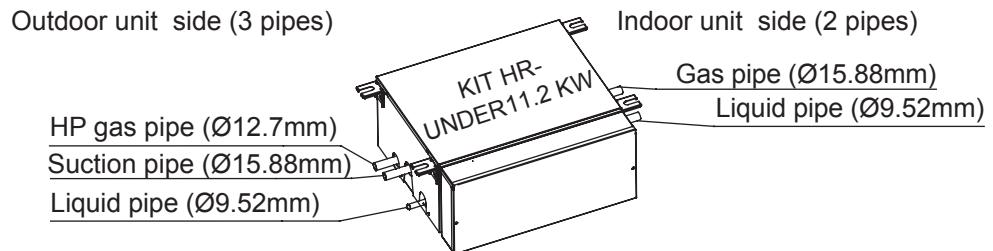
G---H: indoors (cooling only)

| | Max.length | Pipe in above figur |
|---|-------------------------|--|
| Single way total pipe length | 300 (correspond length) | $L_1 + L_2 + L_3 + \dots + L_{22}$ |
| Single way max. pipe length | 175 (correspond length) | $L_1 + L_4 + L_5 + L_6 + L_7 + L_8 + L_9 + L_{10}$ |
| Max.pipe length after 1st branch pipe | 40 | $L_6 + L_7 + L_8 + L_9 + L_{10}$ |
| Main pipe actual length | 135 (correspond length) | $L_1 + L_3 + L_5$ |
| Height difference between indoors | 15 | H2 |
| Height difference between outdoors | 5 | H1 |
| Height difference between outdoors and indoors | 50 40 | H3 when outdoor is upper H3 when outdoor is lower |
| Max.pipe length between indoors and the nearest branch pipe | 30 | --- |

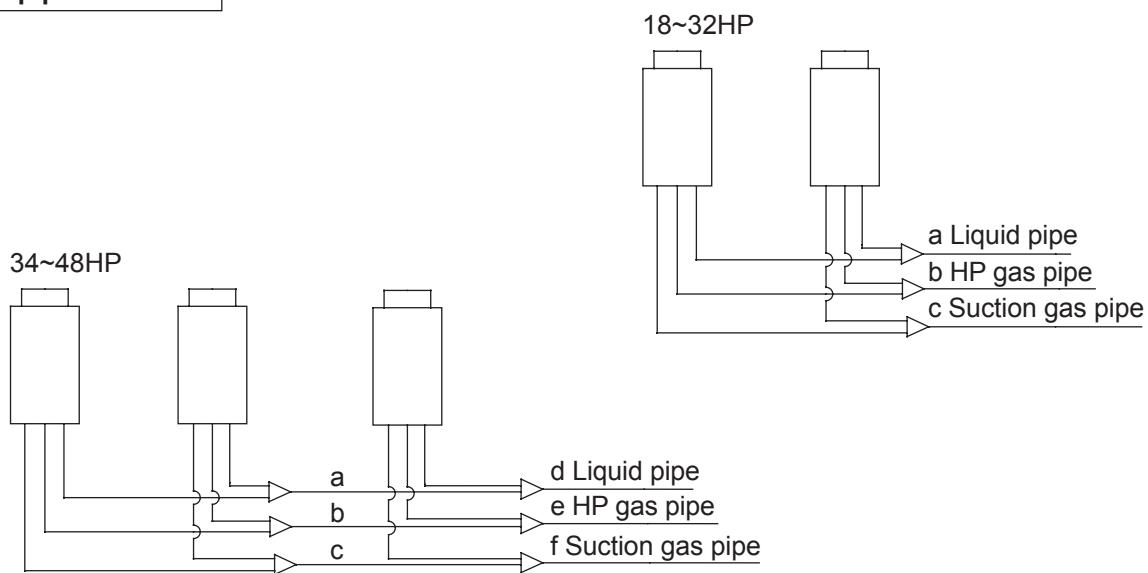
When outdoor is only one, Single way max. pipe length = $L_5 + L_6 + L_7 + L_8 + L_9 + L_{10} \leq 175m$
Single way total pipe length = $L_5 + L_6 + \dots + L_{22}$

Installation procedure

4. Example of connection



Outdoor pipe dimension



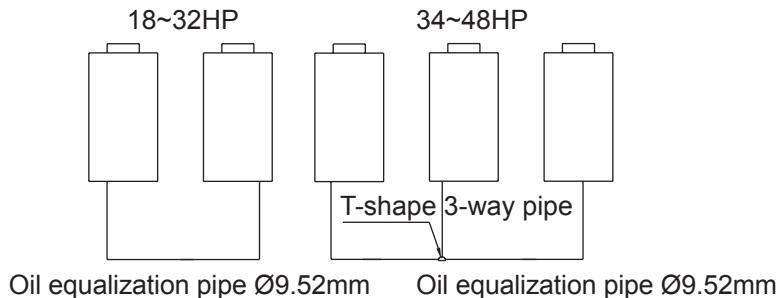
Installation procedure

The pipe "a, b, c, d" should be confirmed as to the below table

| Total outdoor capacity before the gather pipe (kW) | Suction gas pipe (c,f) (mm) | Gas pipe (b,e) (mm) | Liquid pipe (a,d) (mm) |
|--|-----------------------------|---------------------|------------------------|
| ~62 | Ø28.58 | Ø25.4 | Ø12.7 |
| 62~96 | Ø31.8 | Ø28.58 | Ø15.88 |
| 96~101 | Ø38.1 | Ø34.9 | Ø15.88 |
| over 101 | Ø38.1 | Ø34.9 | Ø19.05 |

Note: When the single pipe length is over 90m, the above pipe should be enlarged as the former information.

Oil equalization pipe connection



Unit pipe spec and connection method (unit: mm)

A. Outdoor unit

| Model | Suction gas pipe side | | Liquid pipe side | |
|----------|-----------------------|-------------------|------------------|-------------------|
| | Diameter (mm) | Connecting method | Diameter (mm) | Connecting method |
| | Ø19.05 | Flared | Ø9.52 | |
| YCV280HR | Ø22.22 | | Ø9.52 | |
| YCV335HR | Ø25.4 | | Ø12.7 | |
| YCV400HR | Ø25.4 | | Ø12.7 | |
| YCV450HR | Ø28.58 | | Ø12.7 | |

| Model | HP gas pipe side | | Oil pipe side | |
|----------|------------------|-------------------|---------------|-------------------|
| | Diameter (mm) | Connecting method | Diameter (mm) | Connecting method |
| | Ø19.05 | | Ø9.52 | |
| YCV280HR | Ø19.05 | Flared | Ø9.52 | |
| YCV335HR | Ø22.22 | | Ø9.52 | |
| YCV400HR | Ø22.22 | | Ø9.52 | |
| YCV450HR | Ø25.4 | | Ø9.52 | |

Installation procedure

B. Indoor unit

| Model Capacity | Gas pipe side | | Liquid pipe side | |
|----------------|---------------|-------------------|------------------|-------------------|
| | Diameter (mm) | Connecting method | Diameter (mm) | Connecting method |
| 07 | Ø9.52 | Flared | Ø6.35 | Flared |
| 09 | Ø9.52 | | Ø6.35 | |
| 12 | Ø12.7 | | Ø6.35 | |
| 16 | Ø12.7 | | Ø6.35 | |
| 18 | Ø12.7 | | Ø6.35 | |
| 24 | Ø15.88 | | Ø9.52 | |
| 28 | Ø15.88 | | Ø9.52 | |
| 30 | Ø15.88 | | Ø9.52 | |
| 38 | Ø15.88 | | Ø9.52 | |
| 48 | Ø15.88 | | Ø9.52 | |

AS072MGERA , AS092MGERA gas pipe: Ø12.7mm
AS182MGERA gas pipe/ liquid pipe: Ø15.88mm/9.52mm

C. Pipe spec and the torque

| Diameter (mm) | Torque(N·m) |
|----------------------|--|
| Ø6.35 | 16~20 |
| Ø9.52 | 40~50 |
| Ø12.7 | 40~50 |
| Ø15.88 | 90~120 |
| Ø19.05 | 100~140 |
| Not less than Ø22.22 | No requirement, due to braze connector |

Branch pipe

Branch pipe selection:

| Total indoor capacity(100W) | Model(optional) |
|------------------------------|-----------------|
| Less than 335 | TAU335HR |
| More than 335, less than 506 | TAU506HR |
| More than 506, less than 730 | TAU730HR |
| More than 730 | TAU1350HR |

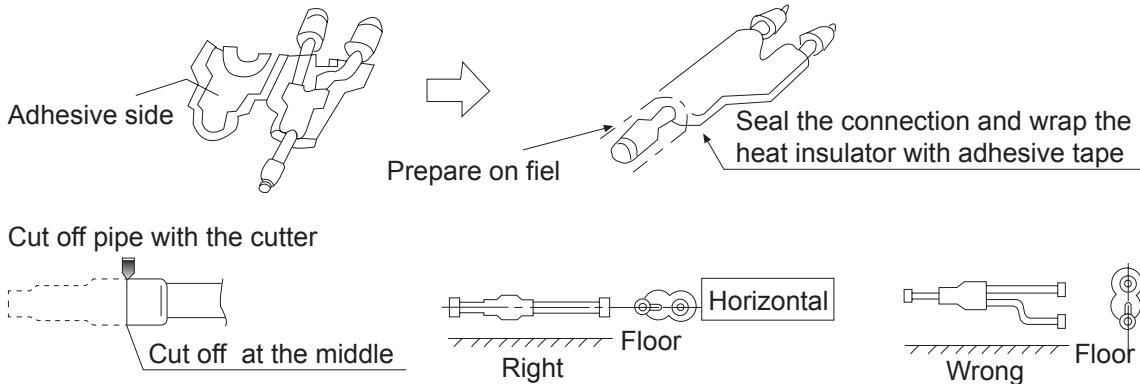
Outdoor unit type

The master unit will choose the closest one to the 1st branch pipe.

Installation procedure

Note:

1. When connecting the outdoor branch pipe and the outdoor, please pay attention to the outdoor pipe dimension.
2. When adjusting the diameter among outdoor branch pipe and among the units, please do execute at the branch pipe side.
3. Please install the outdoor branch pipe (suction gas/HP gas/liquid side) in horizontal or vertical direction.
4. When welding with hard solder, please do blow nitrogen. If not, a number of oxides will be produced and cause heavy damage. Besides, prevent water and dust going into the pipe, please make the brim as outer roll.



Pipe installation

When doing the piping connection, please do the following:

- Please don't let the pipe and the parts in the unit collide each other.
- When connecting the pipes, close the valves fully.
- Protect the pipe end against sand and water, impurities (welding after being flattened, or being sealed with adhesive tape).
- Bend the pipe as large semi-diameter as possible (over 4 times of the pipe diameter).
- The connection between outdoor liquid pipe and the distributing pipe is flared type. Please expand the pipe with the special tool for R410A after installing the expanding nut. But if the projecting pipe length has been adjusted with the copper pipe gauge, you can use the original tool to expand the pipe.
- Since the unit is with R410A, the expanding oil is ester oil, not the mineral oil.
- When doing the flare connection, please do the following: When connecting the expanding pipe, fasten the pipe with double-spanner. The torque refers to the former info.

Expanding pipe:A(mm)

| Pipe outer diameter (mm) | A 0 -0.4 |
|--------------------------|----------------|
| Ø6.35 | 9.1 |
| Ø9.52 | 13.2 |
| Ø12.7 | 16.6 |
| Ø15.88 | 19.7 |

Projecting length of pipe to be expanded:B(mm)

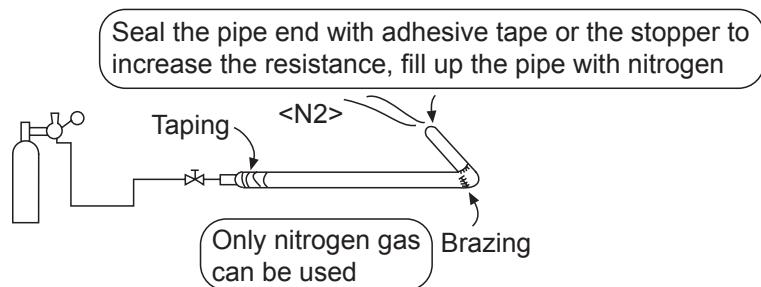
| Pipe outer diameter (mm) | When it is hard pipe |
|--------------------------|------------------------|
| Ø6.35 | Special tool for R410A |
| Ø9.52 | The former tool |
| Ø12.7 | |
| Ø15.88 | 0-0.5 |
| | 1.0-1.5 |

Installation procedure

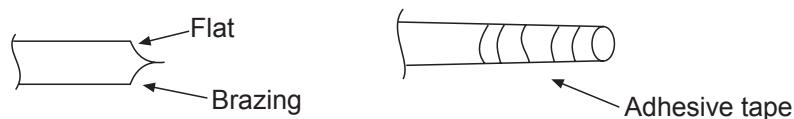
- The outdoor suction gas pipe /HP gas pipe and the refrigerant distributing pipe, as well as the refrigerant distributing pipe and the branch pipe should be welded with hard solder.
- When doing the braze connection, please do the following: Braze the pipe while charging the nitrogen. Or it will cause a number of impurities (a film of oxidation) to clog the capillary and the expansion valve, further cause the deadly failure.

Operation procedure

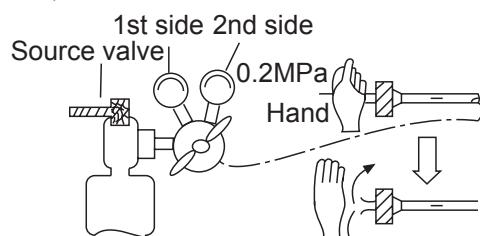
- Braze the pipe and charge the nitrogen at the same time. Or it will cause a number of impurities (a film of oxidation) to clog the capillary and the expansion valve, further cause the deadly failure.



- Protect the pipe end against water and impurities (welding after being flattened, or being sealed with adhesive tape)



- The refrigerant pipe should be clean. The nitrogen should flow under the pressure of about 0.5MPa and when charging the nitrogen, stop up the end of the pipe by hand to enhance the pressure in the pipe, then loose the hand (meanwhile stop up the other end).

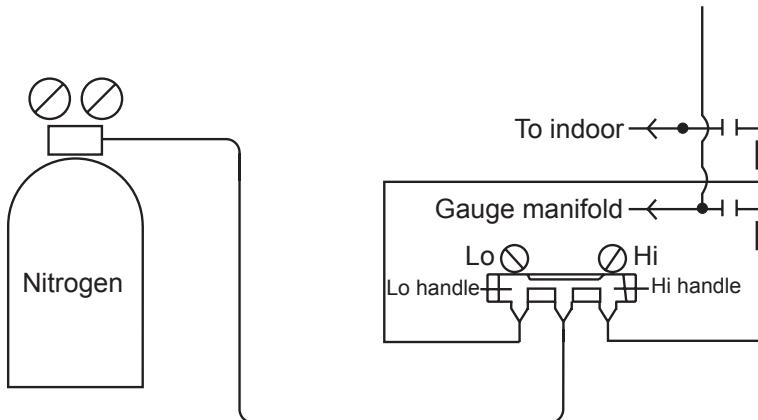


- When connecting the pipes, close the valves fully.
- When welding the valve and the pipes, use the wet cloth to cool down the valve and the pipes.

Installation procedure

B. Leakage test

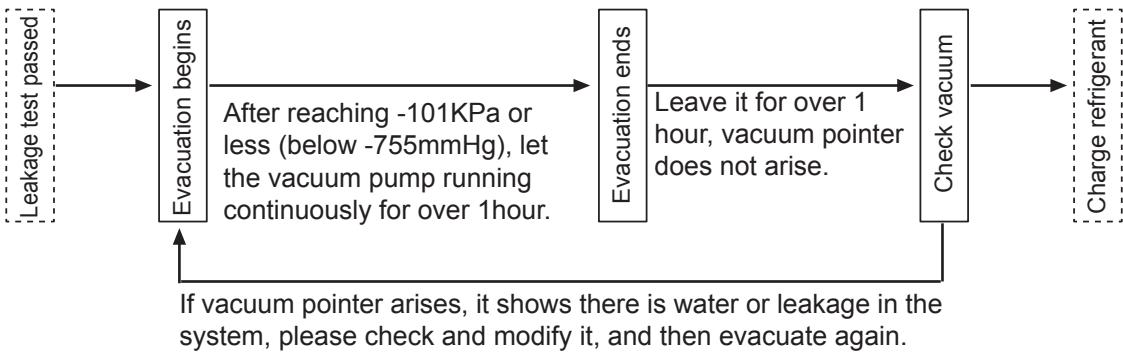
1. The outdoor unit has been executed the leakage test in the factory. The pipe should be executed leakage test individually and forbidden to test after connecting with stop valve.
2. Refer to the below figure to charge the nitrogen into the unit to take a test. Never use the chlorin, oxygen, flammable gas in the leakage test. Apply pressure both on the gas pipe and the liquid pipe.
3. Apply the pressure step by step to the target pressure.
 - a. Apply the pressure to 0.5MPa for more than 5 minutes, confirm if pressure goes down
 - b. Apply the pressure to 1.5MPa for more than 5 minutes, confirm if pressure goes down
 - c. Apply the pressure to the target pressure (4.15MPa), record the temp. and the pressure.
 - d. Leave it at 4.15MPa for over 1 day, if pressure does not go down, the test is passed. Meanwhile, when the temp. changes for 1degree, pressure will change 0.01MPa as well. Correct the pressure.
 - e. After confirmation of a~d, if pressure goes down, there is leakage. Check the brazing position, flared position by laying on the soap. Modify the leakage point and take another leakage test.
4. After leakage test, do execute the evacuation.



C. Evacuation

Evacuate at the check valve of liquid stop valve and both sides of the gas stop valve. The oil equalization pipe also must be vacuum (executed at the oil equalization pipe and check valve respectively).

Operation procedure:



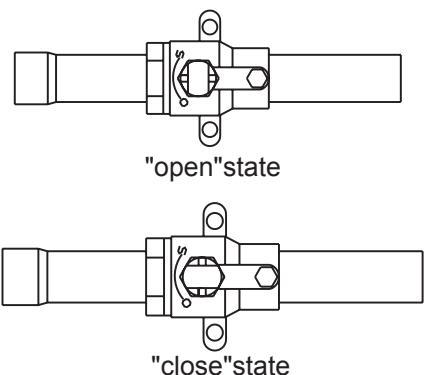
Installation procedure

Because the unit is with refrigerant R410A, the below issues should be paid attention:

- To prevent the oil going into the pipe, please use the special tool for R410A, especially for gauge manifold and charging hose.
- To prevent the oil going into the refrigerant cycle, please use the anti-counter-flow adapte .
- When maintaining the outdoor, release refrigerant from check valve. When taking vacuum evacuation, set the relative dip switch. The details refer to Page 76.

D. Check valve operation

Open/ close method: (The suction gas pipe stop valve for YCV280HR
YCV335HR YCV400HR YCV450HR)



- Take down the valve cap, suction gas pipe, HP gas pipe turns to "open"
- Turn the liquid pipe and the oil equalization pipe with hexangular spanner until it stops. If opening the valve strongly, the valve will be damaged.
- Tighten the valve cap.

Tighten torque as the table below:

| | Tighten torque N·m | | |
|--------------------------------------|--------------------|----------------|---------------------------|
| | Shaft (valve body) | Cap (cover) | T-shape nut (check joint) |
| For suction gas pipe and HP gas pipe | Less than 7 | Less than 30 | 13 |
| For liquid pipe | 7.85 (MAX15.7) | 29.4 (MAX39.2) | 8.8 (MAX14.7) |
| For oil equalization pipe | 4.9 (MAX11.8) | 16.2 (MAX24.5) | 8.8 (MAX14.7) |

E. Additional refrigerant charging

Charge the additional refrigerant as liquid state with the gauge.

If the additional refrigerant can not be charged totally when the outdoor stops, charge it at the trial mode.

If the unit runs for a long period in the state of lack of refrigerant, compressor will occur failure.

(the charging must be finished within 30 minutes especially when the unit is running, meanwhile charging the refrigerant).

The unit is charged only part of the refrigerant at the factory, also need additional refrigerant at the installation site.

W1: Refrigerant charging volume to outdoor unit at factory.

W2: Refrigerant charging volume to outdoor unit on site.

W3: Refrigerant charging volume to liquid pipe base on different piping length calculation.

W3=actual length of liquid pipe×additional amount per meter liquid pipe=

$$L1 \times 0.35 + L2 \times 0.25 + L3 \times 0.17 + L4 \times 0.11 + L5 \times 0.054 + L6 \times 0.022$$

Installation procedure

L1: Total length of 22.22 liquid pipe;

L2: Total length of 19.05 liquid pipe;

L3: Total length of 15.88 liquid pipe;

L4: Total length of 12.7 liquid pipe;

L5: Total length of 9.52 liquid pipe;

L6: Total length of 6.35 liquid pipe;

Total refrigerant volume charging on site during installation=W2+W3

W: Total refrigerant volume charging on site for maintenance.

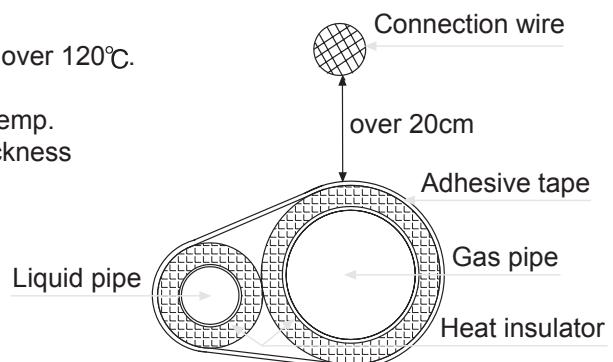
| Model | W1: Refrigerant charging volume to outdoor unit at factory | W2: Refrigerant charging volume to outdoor unit on site | Refrigerant record form | | Total refrigerant volume charging on site during installation | W: Total refrigerant volume charging on site for maintenance |
|----------|---|--|---------------------------------|--|--|---|
| | | | Liquid pipe diameter (mm) | W3: Refrigerant charging volume to liquid pipe base on different piping length calculation | | |
| | 10kg | 1kg | Ø6.35 | 0.022kg/m×__m=__kg | | |
| YCV280HR | 10kg | 1kg | Ø9.52 | 0.054kg/m×__m=__kg | | |
| YCV335HR | 10kg | 4.5kg | Ø12.7 | 0.11kg/m×__m=__kg | | |
| YCV400HR | 10kg | 4.5kg | Ø15.88 | 0.17kg/m×__m=__kg | | |
| YCV450HR | 10kg | 4.5kg | Ø19.05 | 0.25kg/m×__m=__kg | | |
| | | | Ø22.22 | 0.35kg/m×__m=__kg | | |
| | | | | W3=__kg | | |

Note:

- To prevent the oil going into the pipe, please use the special tool for R410A, especially for gauge manifold and charging hose.
- Mark the refrigerant type in different colour on the tank. R410A is pink.
- Must not use the charging cylinder, because the R410A will change when transferring to the cylinder.
- When charging refrigerant, the refrigerant should be taken out from the tank as liquid state.
- Mark the counted refrigerant volume due to the distributing pipe length on the label.

Heat insulation

- Gas pipe and liquid pipe should be heat insulated separately.
- The material for gas pipe should endure the high temperature over 120°C.
- That for liquid pipe should be over 70°C.
- The material thickness should be over 10mm, when ambient temp. is 30°C, and the relative humidity is over 80%, the material thickness should be over 20mm.
- The material should cling the pipe closely without gap, then be wrapped with adhesive tape. The connection wire can not be put together with the heat insulation material and should be far at least 20cm.

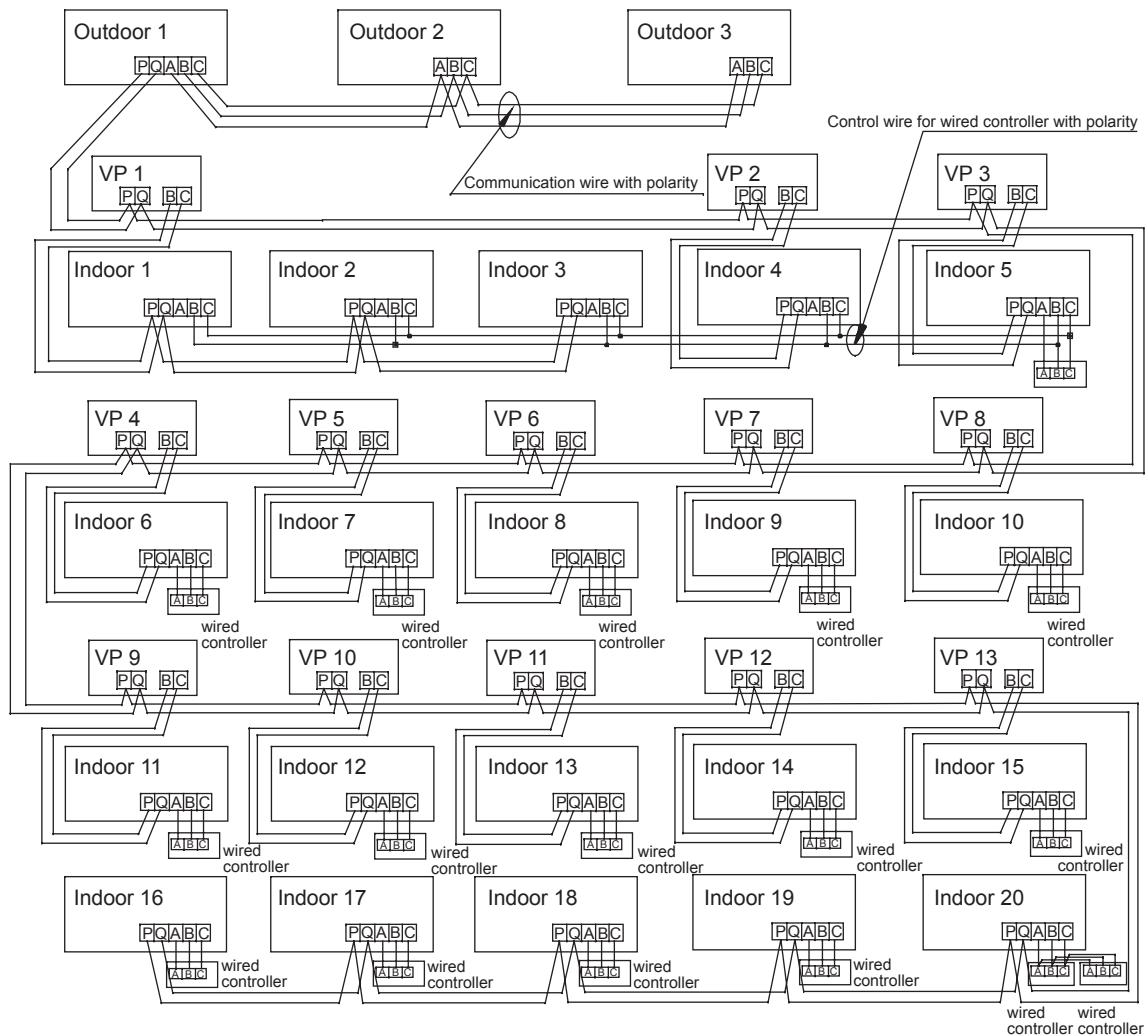


Fix the refrigerant pipe

- In operation, the pipe will vibrate and expand or shrink. If not being fixed, the refrigerant will focus on one part to cause the broken pipe
- To prevent the central stress, fix the pipe for every 2-3m

Electric wiring and the application

Communication wiring figure



Outdoor units are in parallel through 3 polar wires. The outdoor and all VP (cooling and heating switching device) and all indoor units are in parallel through 2 non-polar wires.

Each VP can be connected to 1~8 indoor units. For the wiring, please refer to the above picture: VP1 is connected to Indoor 1~3, and the capacity of all the indoor units can not be more than the VP's. Indoor units which are not connected to VP just have cooling operation, and the wiring can be referred to Indoor 16~20 on the above picture.

Three wiring methods between wired controller and indoor unit:

A. 1 to multi (group control): one wired controller controls 2~16 indoors, as shown in above figure, indoor 1~indoor 5 indoor 5 is wired control master unit, the others are wired control slave units. Wired controller and the master indoor (directly connected to wired controller) are connected by 3 polar wires; the other indoors and the master indoors are connected by 2 polar wires.

B. 1 to 1 (one wired controller controls one indoor): as shown in above figure, indoor 6~ indoor 19, indoor and wired controller are connected by 3 polar wires.

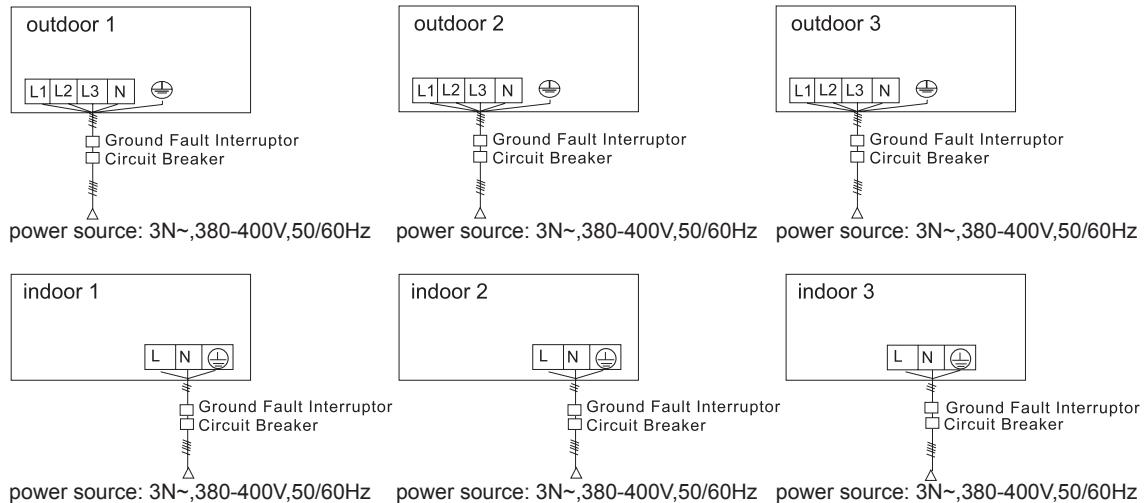
Electric wiring and the application

C. 2 to 1 (two wired controller controls one indoor): as shown in above figure, indoor 20. One of wired controller can be set as master wired controller, and the other is slave wired controller. Master/slave wired controller, and master/indoor are connected by 3 polar wires.

When indoor is controlled by remote controller, refer to the "wired control master unit/wired control slave unit/remote control unit table". A, B, C on signal terminal block don't need wires and connection with the wired controller.

Power wiring figure

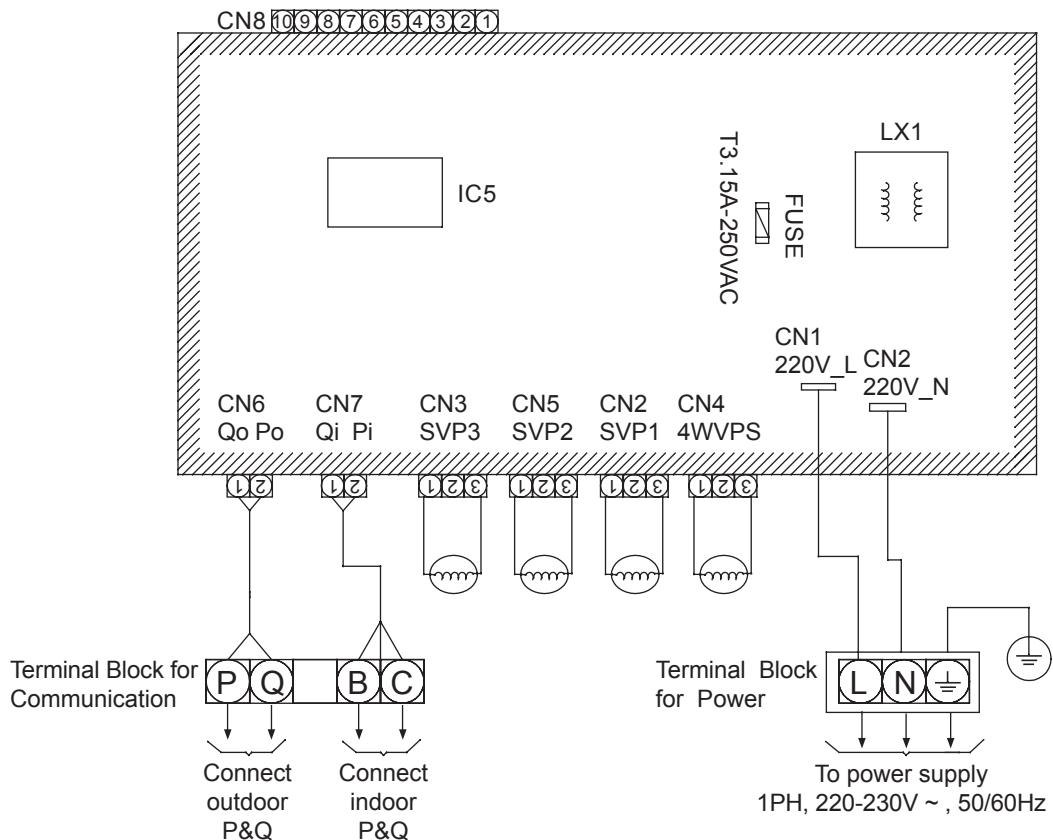
Please make sure that when the unit is running, the input voltage is no less than 380V; if it is lower than 380V, the unit may run abnormal.



- Indoor and outdoor use their individual power source.
- All indoors use one power source.
- The leakage breaker and the over current breaker must be installed, or electric shock will occur.

Electric wiring and the application

VP Wiring nameplate



Outdoor power source and power cable

| Model | Item | Power source | Power cable section (mm ²) | Wire length (m) | Circuit breaker (A) | Rated current of residual circuit breaker(A) Ground fault interrupter(mA) response time(S) | Ground wire | |
|-------|----------|-------------------------|--|-----------------|---------------------|--|----------------------------|-------|
| | | | | | | | Section (mm ²) | Screw |
| Power | YCV280HR | 3N~, 380-400V, 50/60 Hz | 10 | 60 | 38.6 | 40A 30mA below 0.1S | 3.5 | M5 |
| | YCV335HR | | 16 | 60 | 44.7 | 50A 30mA below 0.1S | 3.5 | M5 |
| | YCV400HR | | 16 | 60 | 50.9 | 60A 30mA below 0.1S | 3.5 | M5 |
| | YCV450HR | | 16 | 60 | 57.1 | 60A 30mA below 0.1S | 3.5 | M5 |
| | | | 25 | 60 | 61.7 | 70A 30mA below 0.1S | 3.5 | M5 |

- Power cable must be fixed firm .
- Each outdoor must be earthed well.
- When power cable exceeds the range, thicken it appropriately.

Electric wiring and the application

Indoor power source and communication wiring

| Item Indoor total current (A) | Power cable section (mm ²) | Wire length (m) | Rated current of overcurrent breaker (A) | Rated current of residual circuit breaker(A) Ground fault interrupter(mA) response time(S) | Communication wire section | |
|--|---|-----------------------|---|---|--|-------------------------------------|
| | | | | | Outdoor/indoor (mm ²) | Indoor/indoor (mm ²) |
| <10 | 2 | 23 | 20 | 20A, 30mA, below 0.1s | 2-core × (0.75-2.0mm ²) shielded wire | |
| ≥10 and <15 | 3.5 | 24 | 30 | 30A, 30mA, below 0.1s | | |
| ≥15 and <22 | 5.5 | 27 | 40 | 40A, 30mA, below 0.1s | | |
| ≥22 and <27 | 10 | 42 | 50 | 50A, 30mA, below 0.1s | | |

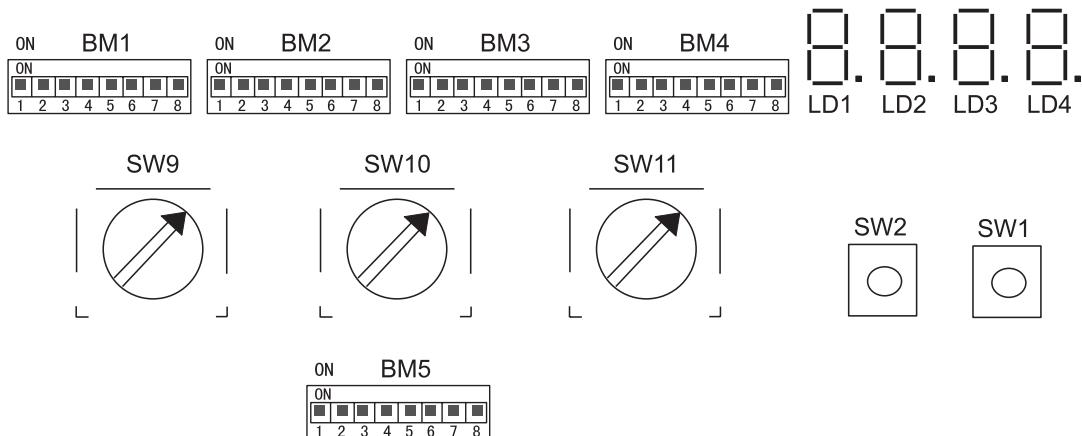
- Power cable and communication wire must be fixed firm .
- Each indoor must be grounded well.
- When power cable exceeds the range, increase the gauge appropriately.
- Shielded layer of communication wires must be connected together and be earthed at single point.
- The total length of communication wire cannot exceed 1000m.

Communication wire for wired controller

| Wire length(m) | Wire spec | Wire length(m) | Wire spec |
|----------------|---|----------------|---|
| <100 | 0.3mm ² ×(3-core) shielded wire | ≥300 and <400 | 1.25mm ² ×(3-core) shielded wire |
| ≥100 and <200 | 0.5mm ² ×(3-core) shielded wire | ≥400 and <600 | 2mm ² ×(3-core) shielded wire |
| ≥200 and <300 | 0.75mm ² ×(3-core) shielded wire | | |

- Shielded layer of communication wire must be grounded at one end.
- The total length cannot exceed 600m.

Selection switch and the display



Introduction of dip switch on outdoor connecting board:
BM1,BM2,BM3,BM4,BM5: 8-bit dip switch

Electric wiring and the application

Identification

- Master unit: by setting dip switch, the unit number is 0. It is used to communicate with indoor unit, also it is the organizer of outdoor communications as communication master unit.
- Slave unit: by setting dip switch, the unit number is not 0.
- Dip switch definition

BM1 is usually set by the personnel on site; BM2, BM3, BM4 are pre-set in the factory.

BM1_1: Master outdoor unit searches the total outdoor units after power ON at first time. The quantity of total outdoor units is floating from right to left on LED. "1=0" is one outdoor unit, "2=01" is two outdoor units, "3=012" is three outdoor units.

BM1_2: Master outdoor unit searches the total indoor units after power ON at first time. The quantity of total indoor units is floating from right to left on LED. "-04-" is 4 indoor units, "-06-" is 6 indoor units, "-15-" is 15 indoor units.

BM1_3: The setting is 0 or 1. Default is 0. Once power off, unit software shall reset to "OFF" automatically ignoring BM1_3 setting.

① BM1 introduction

| | | | | |
|----------------|--|-------|--|---|
| BM1_1 | Outdoor searching After startup | 0 | Begin to search outdoor | |
| | | 1 | Stop searching outdoor and lock the quantity | |
| BM1_2 | Indoor searching After startup | 0 | Begin to search indoor and VP device | |
| | | 1 | Stop searching indoor and VP device and lock the quantity | |
| BM1_3 | Start up after preheating for 6 hours | 0 | Allow(must be electrified for 6 hours or oil temperature should reach the standard starting value) | Group class (physical master unit is valid) |
| | | 1 | Forbidden(it can start up when the oil temperature reaches the reduced allowable starting valve) | |
| BM1_4 | Heating when outdoor temperature over 25degree | 0 | Allow | Group class (physical master unit is valid) |
| | | 1 | Forbidden | |
| BM1_5 | Over match setting | 0 | Allow | Group class (physical master unit is valid) |
| | | 1 | Forbidden | |
| BM1_6 | Pre-set | 0 | Pre-set (default) | Group class (physical master unit is valid) |
| | | 1 | Pre-set | |
| BM1_7 BM1_8 | Address setting | BM1_7 | BM1_8 | Unit number |
| | | 0 | 0 | 0# (physical master unit) |
| | | 0 | 1 | 1# |
| | | 1 | 0 | 2# |
| | | 1 | 1 | 3# |

Electric wiring and the application

② BM2 introduction

| | | | | | | | |
|----------------|---|--------------|--------------------------|---|--|--|--|
| BM2_1 | Silent operation setting | 0 | Without silent operation | | | Group class (physical master unit is valid) | |
| | | 1 | With silent operation | | | | |
| BM2_2 | Snow-proof operation setting | 0 | Without snow-proof | | | Group class (physical master unit is valid) | |
| | | 1 | With snow-proof | | | | |
| BM2_3 BM2_4 | Pre-set | No definitio | | | | | |
| BM2_5 BM2_6 | Defrosting condition "α" Selection | BM2_5 | BM2_6 | Selection item | | Group class (physical master unit is valid) | |
| | | 0 | 0 | 8 (E) | | | |
| | | 0 | 1 | 10 (E) | | | |
| | | 1 | 0 | 6 (E) | | | |
| | | 1 | 1 | 8 (E) | | | |
| BM2_7 BM2_8 | Piping length selection (Generally, the target valve is revised with the ambient temperature) | BM2_7 | BM2_8 | Selection item | | Group class (physical master unit is valid) | |
| | | 0 | 0 | Medium piping length: cooling 7.5kg, heating 28.0kg | | | |
| | | 0 | 1 | Long piping length: cooling 7.0kg, heating 30.0kg | | | |
| | | 1 | 0 | Short piping length: cooling 8.3kg, heating 26.0kg | | | |
| | | 1 | 1 | Medium piping length | | | |

③ BM3 introduction

| | | | | | | | |
|----------------------------------|-----------------------------|-------------------------------|------------------------------|-------|-------|---------------------|--|
| BM3_1 BM3_2 BM3_3 | No definitio | Default is 0; 1 is forbidden. | | | | Local class | |
| | | Default is 0; 1 is forbidden. | | | | | |
| | | Default is 0; 1 is forbidden. | | | | | |
| BM3-4 | 3 phase-50/60Hz selection | 0 | For counties use power 50 Hz | | | Local class | |
| | | 1 | For counties use power 60 Hz | | | | |
| BM3_5 BM3_6 BM3_7 BM3_8 | HP setting of outdoor units | BM3_5 | BM3_6 | BM3_7 | BM3_8 | HP of outdoor units | |
| | | 0 | 0 | 0 | 0 | 6HP | |
| | | 0 | 0 | 0 | 1 | 8HP | |
| | | 0 | 0 | 1 | 0 | 10HP | |
| | | 0 | 0 | 1 | 1 | 12HP | |
| | | 0 | 1 | 0 | 0 | 14HP | |
| | | 0 | 1 | 0 | 1 | 16HP | |

Electric wiring and the application

④ BM4 introduction

| | | | | | |
|---|--|-------------------------------|---|--|-------------|
| BM4_1 | Drop selection of indoor units | Default is 0; 1 is forbidden. | | | |
| BM4-2 | Stopped fan operation setting when heating host is running | Default is 0; 1 is forbidden. | | | |
| BM4_3 | Static pressure setting of outdoor unit | 0 | Highest speed is 14 for outdoor unit fan. (default) | | Local class |
| | | 1 | Highest speed is 14 for outdoor unit fan. (static pressure: 82Pa) | | |
| BM4_4 BM4_5 BM4_6 BM4_7 BM4_8 | Pre-set | No definitio | | | |

⑤ BM5 introduction

| BM5_1 ~ BM5_4 | Outdoor motor selection | BM5_1 | BM5_2 | BM5_3 | BM5_4 | Selection item |
|---------------------|--------------------------|-------|-------|-------|-------|----------------------|
| | | 1 | 1 | 0 | 0 | Dual fan motor(375W) |
| BM5_5 ~ BM5_8 | Inverter board selection | BM5_5 | BM5_6 | BM5_7 | BM5_8 | Selection item |
| | | 0 | 0 | 1 | 1 | 180° inverter board |

⑥ VP Address Setting

SW03 is used for VP address setting, 1 is ON, 0 is OFF.

| | | | | | |
|--------|-----------------------|---|---|--|--|
| SW03_1 | Manner of set address | 0 | Set the address automatically (default) | | |
| | | 1 | Set the address with dip switch | | |
| SW03_2 | Pre-set | 0 | Pre-set (default) | | |
| | | 1 | Pre-set | | |

| | [3] | [4] | [5] | [6] | [7] | [8] | Communication address |
|-----------------------|---|-----|-----|-----|-----|-----|-----------------------|
| SW03_3 ~ SW03_8 | Set the Communication address with dip switch | 0 | 0 | 0 | 0 | 0 | 0# (default) |
| | 0 | 0 | 0 | 0 | 0 | 1 | 1# |
| | 0 | 0 | 0 | 0 | 1 | 0 | 2# |
| | 0 | 0 | 0 | 0 | 1 | 1 | 3# |
| | 0 | 0 | 0 | 1 | 0 | 0 | 4# |
| | 0 | 0 | 0 | 1 | 0 | 1 | 5# |
| | 0 | 0 | 0 | 1 | 1 | 0 | 6# |
| | 0 | 0 | 0 | 1 | 1 | 1 | 7# |
| | 0 | 0 | 1 | 0 | 0 | 0 | 8# |
| | 0 | 0 | 1 | 0 | 0 | 1 | 9# |
| | 0 | 0 | 1 | 0 | 1 | 0 | 10# |
| | 0 | 0 | 1 | 0 | 1 | 1 | 11# |
| | 0 | 0 | 1 | 1 | 0 | 0 | 12# |
| | 0 | 0 | 1 | 1 | 0 | 1 | 13# |
| | 0 | 0 | 1 | 1 | 1 | 0 | 14# |
| | 0 | 0 | 1 | 1 | 1 | 1 | 15# |
| | 0 | 1 | 0 | 0 | 0 | 0 | 16# |
| | 0 | 1 | 0 | 0 | 0 | 1 | 17# |
| | 0 | 1 | 0 | 0 | 1 | 0 | 18# |
| | 0 | 1 | 0 | 0 | 1 | 1 | 19# |
| | 0 | 1 | 0 | 1 | 0 | 0 | 20# |
| | 0 | 1 | 0 | 1 | 0 | 1 | 21# |
| | 0 | 1 | 0 | 1 | 1 | 0 | 22# |
| | 0 | 1 | 0 | 1 | 1 | 1 | 23# |
| | 0 | 1 | 1 | 0 | 0 | 0 | 24# |
| | 0 | 1 | 1 | 0 | 0 | 1 | 25# |
| | 0 | 1 | 1 | 0 | 1 | 0 | 26# |
| | 0 | 1 | 1 | 0 | 1 | 1 | 27# |
| | 0 | 1 | 1 | 1 | 0 | 0 | 28# |
| | 0 | 1 | 1 | 1 | 0 | 1 | 29# |
| | 0 | 1 | 1 | 1 | 1 | 0 | 30# |
| | ... | ... | ... | ... | ... | ... | ... |
| | 1 | 1 | 1 | 1 | 1 | 1 | 63# |

Monitor tools

Monitor code is as following:

Press button: SW2(UP), SW1(DOWN) are the button switches

Rotary switch: SW9, SW10, SW11 are settable from 0 to 15.

(Note: on code wheel with letters, A for 10, B for 11, C for 12, D for 13, E for 14, F for 15)

Display part: LED1, LED2, LED3, LED4, 4 digital tubes are ranked from left to right.

Display contents are as follow:

1. Indoor unit parameters observation

The parameters of indoor unit address 1-64 can be observed: SW9 and SW10 are indoor unit numbers; the range of SW11 is 3-14, regarding indoor unit parameters.

Electric wiring and the application

| SW9 | SW10 | System address |
|-----|------|--|
| 0 | 0-15 | Unit 1-16 (indoor unit PCB address dial-up 0#-15#) |
| 1 | | Unit 17-32 (indoor unit PCB address dial-up 16#-31#) |
| 2 | | Unit 33-48 (indoor unit PCB address dial-up 32#-47#) |
| 3 | | Unit 49-64 (indoor unit PCB address dial-up 48#-63#) |

| SW11 | Function | Display with digital tube LED1 ~ 4 |
|------|---|--|
| 3 | Indoor unit communication checking and program version | If communication is normal, show the indoor unit program version (one decimal). If communication stops, normally show "0000" (failing communication for 5 consecutive rounds) . If communication has been abnormal, show "----". For example, "U4.2" means indoor unit version is V4.2. |
| 4 | Indoor unit fault | Show indoor unit fault code. If no fault, show 0. |
| 5 | Indoor unit capacity | Indoor unit capacity (Unit: HP, one decimal) , 1.5 HP show 1.5 |
| 6 | Indoor unit expansion valve open angle | Expansion open angle (Unit: pls) |
| 7 | Indoor unit environment temp. Tai | Ambient temperature (Unit: °C) |
| 8 | Indoor unit gas pipe temp. Tc1 | Gas pipe temperature (Unit: °C) |
| 9 | Indoor unit liquid temp. Tc2 | Liquid pipe temperature (Unit: °C) |
| 10 | Indoor unit startup mode, actual running speed and SCODE code | LED1 means startup mode, O: stop/ C: cooling/ H: heating LED2 means indoor units actual running speed (0-stop, 1-low speed, 2-medium speed, 3-high speed) , LED3 and LED4 means SCODE code (0 ~ 15) . For example, C311 mean high cooling speed, SCODE is 11. |
| 11 | Indoor Unit temp. setting Tset | Temperature setting (Unit: °C) |
| 12 | Wrong wiring inspection | 0 means no failure, 79 means wiring connection failure (indoor no display) |
| 13 | Connected valve box number | "----" means connecting to the valve box failed. Press SW2(UP) for 2 seconds, show "CCCC", forcible indoor cooling start up Press SW1(DOWN) for 2 seconds, show "OFF", forcible indoor shutdown |
| 14 | Solenoid valve status of connected valve box | LED1: BS4WV : 1 ON 0 OFF—Far left LED2: BSSV1 : 1 ON 0 OFF LED3: BSSV2 : 1 ON 0 OFF LED4: BSSV3 : 1 ON 0 OFF Showing "----"means not connected to the valve box; Showing"E-+failure code means there is failure. Press SW2(UP) for 2 seconds, show "HHHH", forcible indoor heating start up; Press SW1(DOWN) for 2 seconds, show "OFF", forcible indoor shutdown |

Electric wiring and the application

2. Valve box parameters observation

The parameters of indoor unit address 1-64 can be observed: SW9 and SW10 are valve box numbers; the range of SW11 is 3-14, regarding observed valve box parameters.

| SW9 | SW10 | System address |
|-----|------|--|
| 7 | 0-15 | Unit 1-16 (valve box PCB address dial-up 0#-15#) |
| 8 | | Unit 17-32 (valve box PCB address dial-up 16#-31#) |
| 9 | | Unit 33-48 (valve box PCB address dial-up 32#-47#) |
| 10 | | Unit 49-64 (valve box PCB address dial-up 48#-63#) |

| SW11 | Function | Display with digital tube LED1 ~ 4 |
|------|---|--|
| 3 | Valve box program version | If communication is normal, show the indoor unit program version (one decimal). If communication stops, normally show "0000"(failing communication for 5 consecutive rounds) . If communication has been abnormal, show "----". For example, "F0.1" means valve box version is V0.1 |
| 4 | Valve box mode and failure | LED1: show valve box mode O: Stop C: Cooling H: Heating LED2: show "-" LED3-4: show valve box failure code, if there is no fault, show 0. For example, "H-01", means the valve box current mode is heating; if there is failure, show code "01". |
| 5 | Solenoid valve status of valve box | LED1: BS4WV : 1 ON 0 OFF——Far left LED2: BSSV1 : 1 ON 0 OFF LED3: BSSV2 : 1 ON 0 OFF LED4: BSSV3 : 1 ON 0 OFF |
| 6 | Total indoor units connected to the valve box | Note: 8 units as maximum |
| 7 | Address of 1st indoor unit connected to valve box | "---"means be connected failed. |
| 8 | Address of 2nd indoor unit connected to valve box | "---"means be connected failed. |
| 9 | Address of 3rd indoor unit connected to valve box | "---"means be connected failed. |
| 10 | Address of 4th indoor unit connected to valve box | "---"means be connected failed. |
| 11 | Address of 5th indoor unit connected to valve box | "---"means be connected failed. |
| 12 | Address of 6th indoor unit connected to valve box | "---"means be connected failed. |
| 13 | Address of 7th indoor unit connected to valve box | "---"means be connected failed. |
| 14 | Address of 8th indoor unit connected to valve box | "---"means be connected failed. |

Electric wiring and the application

3. Outdoor unit parameters observation

0~3 of SW9 is used to select outdoor unit number, selecting the numbers of different outdoor units. The range of SW11 is 0, 1, 15, meaning observed outdoor units parameters.

(The host can show the parameters of other outdoor units and indoor units. Submachine can only show its own parameters, 0 for SW9.)

Note: When the host SW9/SW10/SW11 are 0/0/0,

(1)Starting up for the first time, search the submachine first, showing 1:0 circularly from left to right. If one submachine is searched, show 2:01. If two sub-machines are searched, show 3:012. “3:012” means there are 3 outdoor units in the system, and 012 means the addresses for each outdoor unit. (actually, “:”show“=”)

(2)When the numbers of outdoor units is locked, searching the numbers of indoor unit and valve box, showing “-number of valve box-number of indoor unit” circularly from left to right. For example, “-2-6-” means there are two valve boxes and six indoor units connected to the system.

(3)When the numbers of indoor unit and valve box are locked, showing “-number of valve box-number of indoor unit” sparkingly, which means each valve box is confirming which indoor units it is connected and then send this message to the outdoor unit.

(4)After finishing confirming connecting information, enter the normal displ .

(5)If there is failure during searching, show the outdoor unit failure code as the priority. If there is failure in outdoor unit after searching, show the outdoor unit failure code, and 0 for no failure.

| SW9 | SW10 | SW11 | Function | Display with digital tube LED1~4 |
|-----------------|------|------|---|--|
| Unit No. 0-3 | 0 | 0 | Show the outdoor unit failure code | Failure code is transmitted by outdoor bus data. If no failure, displaying electric heating 6 hours countdown time as second. Press SW2(UP) for 2 seconds, showing 1111, then enter the historical failure inquiry condition and the latest 10 failures can be inquired. Sparklingly showing failure serial number and failure code. The serial number will add 1 each time pressing the SW2(UP). The serial number will plus 1 each time pressing the SW1(DOWN). The setting condition will quit automatically after 2 minutes. Press SW1(DOWN) for 2 seconds, showing 0000, then quit the inquiry condition and stop sparklingly display. When dial-up wheel on 13,0,0, press SW2(UP) for 2 seconds, showing 1111, then all the failure record will be deleted. |
| | 1 | 0 | Show the outdoor unit priority and capacity | LED1 shows the outdoor priority level; LED2 shows “-”, LED3-4 show the outdoor capacity (Unit: HP) |
| | 2 | 0 | Show the running mode and outdoor capacity output ratio | LED1 shows O: Stop C: Cooling H: Heating LED2-LD4 60 show 60% of capacity output |

Electric wiring and the application

| SW9 | SW10 | SW11 | Function | Display with digital tube LED1~4 |
|-----|------|------|---|---|
| | 3 | 0 | Speed of outdoor fan motor 1 | 345 means 345rpm. Press SW2(UP) for 2 seconds, showing 1111, then enter the settable condition. Sparklingly display: Speed grade will go up a level each time pressing SW2(UP); speed grade will go down a level each time pressing SW1(DOWN). The setting condition will quit automatically after 5 minutes. |
| | 4 | 0 | Speed of outdoor fan motor 2 | Press SW1(DOWN) for 2 seconds, showing 0000, then quit the inquiry condition and stop sparklingly display. |
| | 5 | 0 | Current frequency of inverter compressor INV | 110.0 means 110.0Hz Press SW2(UP) for 2 seconds, showing 1111, then enter the settable condition. Sparklingly display: The frequency will go up 1 Hz each time pressing SW2(UP); frequency will decrease 1 Hz each time pressing SW1(DOWN). The setting condition will quit automatically after 5 minutes. Press SW1(DOWN) for 2 seconds, showing 0000, then quit the inquiry condition and stop sparklingly display. (when system failures, compressor is forbidden to start up.) |
| | 6 | 0 | Fixed frequency compressor status | 00—Fixed frequency compressor 1# OFF, Fixed frequency compressor 2# OFF 01—Fixed frequency compressor 1# ON, Fixed frequency compressor 2# OFF 10—Fixed frequency compressor 1# OFF, Fixed frequency compressor 2# ON 11—Fixed frequency compressor 1# ON, Fixed frequency compressor 2# ON |
| | 7 | 0 | Outdoor unit LEVa1 valve open angle | 0---470 step Press SW2(UP) for 2 seconds, showing 1111, then enter the settable condition. Sparklingly display: Press SW2(UP), the valve open entirely. Press SW1(DOWN), the valve close entirely. The setting condition will quit automatically after 2 minutes. |
| | 8 | 0 | Outdoor unit LEVa2 valve open angle | Press SW1(DOWN) for 2 seconds, showing 0000, then quit the inquiry condition and stop sparklingly display. |
| | 9 | 0 | Outdoor unit LEVp valve open angle | |
| | 10 | 0 | Outdoor unit LEVc valve open angle | |
| | 11 | 0 | Outdoor unit solenoid valve output indication | LED1: 4WV : 1 ON 0 OFF——Far left LED2: SV1: 1 ON 0 OFF LED3: SV3i : 1 ON 0 OFF LED4: SV31 : 1 ON 0 OFF |

Electric wiring and the application

| SW9 | SW10 | SW11 | Function | Display with digital tube LED1~4 |
|-----|------|------|---|--|
| | 12 | 0 | Outdoor unit solenoid valve output indication | LED1: SV6: 1 ON 0 OFF——Far left LED2: SV9: 1 ON 0 OFF LED3: SV10: 1 ON 0 OFF LED4: SV11: 1 ON 0 OFF |
| | 13 | 0 | Outdoor unit solenoid valve output indication | LED1: SV18i: 1 ON 0 OFF——Far left LED2: SV181: 1 ON 0 OFF LED3: SV21: 1 ON 0 OFF LED4: WV42: 1 ON 0 OFF |
| | 14 | 0 | Heater output | LED1: CHi: 1 ON 0 OFF——Far left LED2: CH1: 1 ON 0 OFF LED3: CH2: 1 ON 0 OFF LED4: Cha: 1 ON 0 OFF |
| | 15 | 0 | Program version | 1.0 means Ver1.0 |
| | 12 | 0 | Outdoor unit solenoid valve output indication | LED1: SV6: 1 ON 0 OFF——Far left LED2: SV9: 1 ON 0 OFF LED3: SV10: 1 ON 0 OFF LED4: SV11: 1 ON 0 OFF |
| | 13 | 0 | Outdoor unit solenoid valve output indication | LED1: SV18i: 1 ON 0 OFF——Far left LED2: SV181: 1 ON 0 OFF LED3: SV21: 1 ON 0 OFF LED4: WV42: 1 ON 0 OFF |
| | 14 | 0 | Heater output | LED1: CHi: 1 ON 0 OFF——Far left LED2: CH1: 1 ON 0 OFF LED3: CH2: 1 ON 0 OFF LED4: Cha: 1 ON 0 OFF |
| | 15 | 0 | Program version | 1.0 means Ver1.0 |

| SW9 | SW10 | SW11 | Function | Display with digital tube LED1 ~ 4 |
|-----------------|------|------|------------------------|------------------------------------|
| Unit No. 0-3 | 0 | 1 | Pd pressure | Unit: kg, 2 decimal |
| | 1 | 1 | Ps pressure | |
| | 2 | 1 | Tdi discharging temp. | Unit: °C |
| | 3 | 1 | Td1 discharging temp. | |
| | 4 | 1 | Td2 discharging temp. | |
| | 5 | 1 | Tdef1 defrosting temp. | |
| | 6 | 1 | Tdef2 defrosting temp. | |
| | 7 | 1 | Toil temp. | |
| | 8 | 1 | Tao ambient temp. | |
| | 9 | 1 | Toci1 temp. | |
| | 10 | 1 | Toci2 temp. | |
| | 11 | 1 | Tsi temp. | |
| | 12 | 1 | Reservation | |
| | 13 | 1 | Tdp temp. | |
| | 14 | 1 | Tsacc temp. | |
| | 15 | 1 | Toilp temp. | |

Electric wiring and the application

| SW9 | SW10 | SW11 | Function | Display with digital tube LED1~4 |
|-----------------|------|------|---|--|
| Unit No. 0-3 | 0 | 15 | PI pressure | Unit: kg, 2 decimal |
| | 1 | 15 | Pi_temp pressure temp. | |
| | 2 | 15 | Pd_temp pressure temp. | |
| | 3 | 15 | Ps_temp pressure temp. | 25 Unit: °C |
| | 4 | 15 | Tliqsc temp. | |
| | 5 | 15 | Tsco temp. | |
| | 6 | 15 | Inverter compressor INV ON/OFF time | Unit: minute |
| | 7 | 15 | Inverter power current | |
| | 8 | 15 | Inverter compressor current | |
| | 9 | 15 | Fixed frequency compressor 1# current | Unit: A,1 decimal |
| | 10 | 15 | Fixed frequency compressor 2# current | |
| | 11 | 15 | Inverter compressor DC voltage | Unit: V |
| | 12 | 15 | Inverter compressor module temp. | Unit: °C |
| | 13 | 15 | Inverter compressor running condition and stop reason | LED1/ LED2: Inverter compressor running condition (hex) LED3/ LED4: Inverter compressor stop reason (hex) |
| | 14 | 15 | Fixed frequency compressor 1 ON/OFF time | Unit: minute |
| | 15 | 15 | Fixed frequency compressor 2 ON/OFF time | Unit: minute |

4. Host information center: showing data and control of the whole system

| SW9 | SW10 | SW11 | Function | Operational approach |
|-----|------|------|--|---|
| 0 | 0 | 2 | Refrigerant type | 410A means 410A refrigerant |
| 0 | 1 | 2 | Total quantity and capacity for the same system | LED1: Outdoor unit quantity LED2: Show "-" LED3/ LED4: Outdoor total capacity (Unit: HP) For example, 3-48 means capacity of 3 outdoor units is 48HP |
| 0 | 2 | 2 | Indoor unit capacity | 50.0 means 50 HP |
| 0 | 3 | 2 | Quantity of valve box and indoor unit in the same system | LED1/ LED2: Valve box quantity LED3/ LED4: Indoor unit quantity For example, 0206 means 2 valve boxes and 6 indoor units |

Electric wiring and the application

| SW9 | SW10 | SW11 | Function | Operational approach |
|-----|------|------|---|---|
| 0 | 4 | 2 | Quantity and capacity of cooling indoor unit temp. sensor ON | LED1/ LED2: Quantity of cooling indoor unit temp. sensor ON LED3/ LED4: Capacity of cooling indoor unit temp. sensor ON (Unit: HP) For example, 0312 means there are 3 cooling indoor units temp. sensor ON with capacity of 12 HP. |
| 0 | 5 | 2 | Quantity and capacity of heating indoor unit temp. sensor ON | LED1/ LED2: Quantity of heating indoor unit temp. sensor ON LED3/ LED4: Capacity of heating indoor unit temp. sensor ON (exclude the capacity revise of temp. sensor OFF, unit: HP) For example, 0624 means there are 6 heating indoor units temp. sensor ON with capacity of 24 HP.(exclude the capacity revise of temp. sensor OFF) |
| 0 | 6 | 2 | Cooling target temp. | Unit: °C |
| 0 | 7 | 2 | Heating target temp. | |
| 0 | 8 | 2 | Refrigerant evacuating setting *Only for evacuated outdoor units. If only indoor unit is evacuated, no need to set up. When it finished cancel the setting or re-electricity. | Press SW2(UP) for 2 seconds, showing 1111, start up and the digital tube show "YES". Detailed response: SV9, SV10, SV11 open; LEVa1, 2, LEVP open for 100pls; The other valves close compulsorily. SV21 open and LEVc open for 470. Press SW1(DOWN)for 2 seconds, showing 0000, stop. (setting is invalid when unit is running.) |
| 0 | 9 | 2 | Refrigerant charging setting * Only for gas charged outdoor units. If only indoor unit is charged, no need to set up. When it finished cancel the setting or re-electricity. | Press SW2(UP) for 2 seconds, showing 1111, start up and the digital tube show "YES". Detailed response: LEVa1,2 open for 470pls; The other valves close compulsorily. SV21open and LEVc open for 470. Press SW1(DOWN)for 2 seconds, showing 0000, stop. (setting is invalid when unit is running.) |

Electric wiring and the application

| SW9 | SW10 | SW11 | Function | Operational approach |
|-----|------|------|---|--|
| 0 | 10 | 2 | Wrong wiring inspection in cooling | Press SW2(UP) for 2 seconds, showing 1111, then start up and digital tube displays the judging time by counting down. “00.00”means the result is in conformity with the actual connection; |
| 0 | 11 | 2 | Wrong wiring inspection in heating | “01.05”means one outdoor unit and 5 indoor units are abnormal, to check the abnormal units by digital tube (indoor:X_X_12, outdoor:X_0_0). Press SW1(DOWN) for 2 seconds, showing 0000, stop. |
| 0 | 12 | 2 | Indoor expansion valve open fully | Press SW2(UP) for 2 seconds, showing 1111, and indoor valves open fully for 2 minutes, then indoor valves close automatically. |
| 0 | 13 | 2 | All indoor units running in cooling | Press SW2(UP) for 2 seconds, showing 1111, open fully; Press SW1(DOWN)for 2 seconds, showing 0000, close fully. |
| 0 | 14 | 2 | All indoor units running in heating | Press SW2(UP) for 2 seconds, showing 1111, cancel; or press SW1(DOWN)for 2 seconds, showing 0000, cancel. Cancel content: Wrong wiring inspection in cooling and heating, indoor units open/close fully, operate compulsively and rated operating, etc. |
| 0 | 15 | 2 | Cancel all manual controls (running type) | Press SW2(UP) for 2 seconds, showing 1111, cancel; or press SW1(DOWN)for 2 seconds, showing 0000, cancel. Cancel content: Wrong wiring inspection in cooling and heating, indoor units open/close fully, operate compulsively and rated operating, etc. |

| SW9 | SW10 | SW11 | Function | Operational approach |
|-----|------|------|--|--|
| 15 | 0 | 2 | BM1and BM2 setting condition | Hex display. BM1: Use LED1and LED2to display, BM2: Use LED3and LED4 to display |
| 15 | 1 | 2 | BM3and BM4 setting condition | Hex display. BM3: Use LED1and LED2to display, BM4: Use LED3and LED4 to display |
| 15 | 2 | 2 | Capacity correction class | 0 means short piping length; 1 means medium piping length, 2 means long piping length. |
| 15 | 3 | 2 | Defrosting compensation | 10、8、6 |
| 15 | 4 | 2 | BM5 setting condition | Hex display. Use LED3 and LED4 to display. |
| 15 | 5 | 2 | Over match inspection | 135 stands for limitation;0: without limitation. |
| 15 | 6 | 2 | Heating limit when outdoor temp. over 25°C | 25 stands for limitation; 0: without limitation. |
| 15 | 7 | 2 | Silent operation setting | 0:without silent operation; 1: with silent operation |

Electric wiring and the application

| SW9 | SW10 | SW11 | Function | Operational approach |
|-----|------|------|--|--|
| 15 | 8 | 2 | Snow-proof operation setting | 0:without snow-proof operation; 1: with snow-proof operation |
| 15 | 9 | 2 | The FAN speed setting of Thermo Off Submachine when heating host running | 0: not running; 1: running |
| 15 | 10 | 2 | Drop selection between indoor units | 0—No drop between indoor units; 1—There is drop between indoor units. |
| 15 | 11 | 2 | Reservation | |
| 15 | 12 | 2 | Power supply setting of 50/60Hz | 50 means 50Hz, 60 means 60Hz |
| 15 | 13 | 2 | Inverter board selection | 0 means self-regulating inverter board; 1 means APY inverter board. |
| 15 | 14 | 2 | Outdoor type setting | 0-3 pipe type |
| 15 | 15 | 2 | Reservation | |

| SW9 | SW10 | SW11 | Function | Operational approach |
|-----|------|------|--|---|
| 1 | 0 | 2 | Communication baud rate of indoor and outdoor units | 9600bps |
| 1 | 1 | 2 | Number of cyclical valve boxes connected to indoor unit accurately for 1 round | LED1/ LED2: Number of valve boxes LED3/ LED4: Number of indoor units For example, 0206 means 2 valve boxes and 6 indoor units |
| 1 | 2 | 2 | Top 2 number: the percentage of nonconformity for indoor units and the number of E2 Low 2 number: real-time indoor unit number | For example, 0522 means currently there are 22 indoor units, and the percentage of nonconformity for indoor units and the number of E2 is 5%. |
| 1 | 3 | 2 | Number of valve boxes which can communicate with indoor units (exclude indoor units failing communicating for continuous 5 times.) | LED1/ LED2: Number of valve boxes LED3/ LED4: Number of indoor units For example, 0206 means 2 valve boxes and 6 indoor units |
| 1 | 4-15 | 2 | Reservation | |

Electric wiring and the application

5. Control of valve component of outdoor unit (Local)

| SW9 | SW10 | SW11 | Function | Operational approach |
|------------------|------|------|--|--|
| 6 | 0 | 2 | Manual control 4WV ON/OFF | |
| 6 | 1 | 2 | Manual control SV1 ON/OFF | |
| 6 | 2 | 2 | Manual control SV3i ON/OFF | |
| 6 | 3 | 2 | Manual control SV31 ON/OFF | |
| 6 | 4 | 2 | Manual control SV6 ON/OFF | |
| 6 | 5 | 2 | Manual control SV9 ON/OFF | |
| 6 | 6 | 2 | Manual control SV10 ON/OFF | |
| 6 | 7 | 2 | Manual control SV11 ON/OFF | |
| 6 | 8 | 2 | Manual control SV18i ON/OFF | |
| 6 | 9 | 2 | Manual control SV181 ON/OFF | |
| 6 | 10 | 2 | Manual control SV21 ON/OFF | |
| 6 | 11 | 2 | Manual control fixed frequency compressor COMP1 ON/OFF | |
| 6 | 12 | 2 | Manual control fixed frequency compressor COMP2 ON/OFF | |
| 6 | 13 | 2 | Manual control CHi ON/OFF | |
| 6 | 14 | 2 | Manual control 4WV2 ON/OFF | |
| 6 15 2 | | | Cancel all manual control (for component) | <p>Press SW2(UP) for 2 seconds, showing 1111, cancel; or press SW1(DOWN) for 2 seconds, showing 0000, cancel.</p> <p>Cancel content:</p> <p>The manual control of all the moving components of the outdoor unit, such as compressor, fan, electronic expansion valve LEV, solenoid valve SV, etc. (including discharging setting and gas injecting setting; excluding running setting, such as rated setting/ compulsive setting/ indoor unit and outdoor unit ON/OFF setting)</p> |

Electric wiring and the application

6. Parameters of phase order detect (Local):

| SW9 | SW10 | SW11 | Function | Operational approach |
|-----|------|------|--|----------------------|
| 11 | 0 | 0 | Times of ok for phase S (20 times as normal, alarm 37-1 when lower than 16 times) | |
| 11 | 1-10 | 0 | Observe the time of low level for phase S 10ms Unit: 0.1ms | |
| 11 | 0 | 1 | Times of ok for phase S (20 times as normal, alarm 37-1 when lower than 16 times) | |
| 11 | 1-10 | 1 | Observe the period of phase S 20ms Unit: 0.1ms | |
| 11 | 0 | 2 | Times of ok for phase T (20 times as normal, alarm 37-2 when lower than 16 times) | |
| 11 | 1-10 | 2 | Observe the time of low level for phase T 10ms Unit: 0.1ms | |
| 11 | 0 | 3 | Times of ok for phase T (20 times as normal, alarm 37-2 when lower than 16 times) | |
| 11 | 1-10 | 3 | Observe the period of phase T 20ms Unit: 0.1ms | |
| 11 | 0 | 4 | Times of ok for phase S/T order T (10 times as normal, alarm 37-3 when lower than 7 times) | |

7. Examination of local ee data:

| SW9 | SW10 | SW11 | Function | Display with digital tube LED1 ~ 4 |
|-----|-------|-------|--|---|
| 12 | 0 | 0 | The EE data of address 000H (Version E2) | The first 256 bytes data display of local E (system parameters information) Calculating address: addr=SW10 × 16 + SW11 Data display: hex display, H means hex number |
| | 0 | 1 | The EE data of address 001H | |
| | ... | ... | ... | |
| | 0 | 15 | The EE data of address 00FH | |
| | 1 | 0 | The EE data of address 010H | |
| | ... | ... | ... | |
| | 1 | 15 | The EE data of address 01FH | |
| | ... | ... | ... | |
| | 15 | 15 | The EE data of address FFH | |
| 13 | 0 | 0 | The EE data of address 100H | The last 256 bytes data display of local EE (Failure information) Calculating address: addr=SW10 × 16 + SW11 Data display: hex display, H means hex number. When the dial-up wheel is on 13 0 0, press SW2(UP) for 2 seconds, then the last 256 bytes of EE will be cleared. |
| | 0 | 1 | The EE data of address 101H | |
| | | | | |
| | 1 | 15 | The EE data of address 11FH | |
| | | | | |
| | 15 | 15 | The EE data of address 1FFH | |

Failure code

Failure code

Failure code description: (failure code of the whole system is showed as 8 bits, so totally 256 codes. Indoor failure code should be judged by the table and the unit number)

- Outdoor failure code exists in EEPROM, in which 5 failure codes can be kept.
- Indoor failure code exists in EEPROM, in which 5 failure codes can be kept.
- Clear failure code by indoor or outdoor.

Failure codes are distributed as follows:

0~19: indoor failure code

20~99: outdoor failure code

100~109: DC motor failure code

110~125: inverter module failure code

126~127: software auto-check failure code

Physical master unit:

Dip switches SW9, SW10, SW11 are at 0, 0, 0, LD displays failure code 20~127, it is the master failure code.

Dip switches SW9, SW10, SW11 are 1, 0, 0, LD displays failure code 20~127, it is failure code of No. 1 slave unit.

Dip switches SW9, SW10, SW11 are 2, 0, 0, LD displays failure code 20~127, it is failure code of No. 2 slave unit.

Physical slave unit:

Dip switches SW9, SW10, SW11 are at 0, 0, 0, LD displays failure code 20~127, it is single slave unit failure code.

Outdoor failure code display principle on wired controller:

When outdoor compressor is running, indoor wired controller will display the failure code of outdoor with higher priority. When compressor stops, it displays all indoor failures. The indoor failures will be classified as below: sensor failure, inverter board failure, fan motor driving board failure, any protections etc.

Inverter outdoor unit failure code indication on master unit

| LED indication on master unit | Indication on wired controller (hex) | Failure code definitio | Failure description | Remarks |
|-------------------------------|--------------------------------------|---------------------------------------|---|-----------|
| 20-0 | 14 | Defrosting temp. sensor Tdef1 failure | AD value is below 11 (open circuit) or over 1012 (short circuit) for 60 seconds, sensor has no alarm when abnormal in cooling mode. | Resumable |
| 20-1 | 14 | Defrosting temp. sensor Tdef2 failure | | |

Failure code

| LED indication on master unit | Indication on wired controller (hex) | Failure code definitio | Failure description | Remarks |
|-------------------------------|--------------------------------------|---|---|-----------|
| 21 | 15 | Ambient temp. sensor Tao failure | AD value is below 11 (open circuit) or over 1012 (short circuit) for 60 seconds. | Resumable |
| 22-0 | 16 | Suction temp. sensor Tsi failure | | |
| 22-1 | 16 | Suction temp. sensor Tsacc failure | | |
| 23-0 | 17 | Discharging temp. sensor Tdi failure | AD value is below 11 (open circuit) or over 1012 (short circuit) for 60 seconds. If $Tao \leq 0^\circ\text{C}$, no need to detect the open circuit failure (AD value is below 11.) | Resumable |
| 23-1 | 17 | Discharging temp. sensor Td1 failure | | |
| 23-2 | 17 | Outdoor unit high temp. gas pipe temp. sensor Tdp failure | If AD value is below 11 (open circuit) or over 1012 (short circuit) for 60 seconds, alarm. If $Tao < 0^\circ\text{C}$, there is no open circuit alarm. If $Tao \geq 0^\circ\text{C}$ and $ET \geq 0^\circ\text{C}$, no open circuit alarm within 5 minutes. | Resumable |
| 24-0 | 18 | Oil temp. sensor Toilp failure | | |
| 24-1 | 18 | Oil temp. sensor Toili failure | If AD value is below 11 (open circuit) or over 1012 (short circuit) for 60 seconds, alarm. If $Tao < 0^\circ\text{C}$ or not normal running, no open circuit alarm. | |
| 25-0 | 19 | Heat exchanger inlet temp. Toci1 failure | AD value is below 11 (open circuit) or over 1012 (short circuit) for 60 seconds, sensor has no alarm when abnormal in cooling mode. | Resumable |
| 25-1 | 19 | Heat exchanger inlet temp. Toci2 failure | | |

Failure code

| LED indication on master unit | Indication on wired controller (hex) | Failure code definitio | Failure description | Remarks |
|-------------------------------|--------------------------------------|--|--|------------------------------|
| 26-0 | 1A | Outdoor unit and indoor unit communication failure | Not finding connected indoor units for continuous 200 cycles | Resumable |
| 26-1 | 1A | | The searched indoor unit quantity is less than the set quantity for continuous 270 seconds | |
| 26-2 | 1A | | The searched indoor unit quantity is more than the set quantity for continuous 170 seconds | |
| 26-3 | 1A | | The searched valve box BS quantity is less than set quantity for continuous 5 minutes | |
| 26-4 | 1A | | The searched valve box BS quantity is more than set quantity for continuous 5 minutes | |
| 27 | 1B | Oil temp. too high protection (Toili) | Toili \geq 120°C (E) at interval 25msec, continuous 2sec, and over the set value, then stop and alarm. The oil temp. 10°C lower than the alarm condition for 3 minutes after stop. If it occurs 4 times in an hour, confirm the failure. (the same as Td too high protection.) | Once confirmed, un-resumable |
| 28 | 1C | High pressure sensor Pd failure | If AD value is below 11 (open circuit) or over 1012 (short circuit) for 60 seconds, alarm. | Resumable |
| 29 | 1D | Low pressure sensor Ps failure | | |
| 30-0 | 1E | High pressure switch HPSi failure | When power on, the confirmation of OFF for continuous 2sec, alarm. If it occurs 4 times in an hour, confirm the failure | Once confirmed, un-resumable |
| 30-1 | 1E | High pressure switch HPS1 failure | | |
| 32-0 | 20 | Heat exchanger outlet temp. Tsco failure | If AD value is below 11 (open circuit) or over 1012 (short circuit) for 60 seconds, alarm, sensor has no alarm when abnormal in heating mode. | Resumable |
| 32-1 | 20 | Liquid pipe SC temp. of subcooler Tliq failure | | |

Failure code

| LED indication on master unit | Indication on wired controller (hex) | Failure code definitio | Failure description | Remarks |
|-------------------------------|--------------------------------------|--|--|------------------------------|
| 33-0 | 21 | EEPROM (AT24C04) failure | EEPROM communication failure | Un-resumable |
| 33-1 | | | EEPROM data check failure(model code, check, etc.) | |
| 33-2 | | | EEPROM data logistic failure(data beyond limit, reverse sequence, etc.) | |
| 34-0 | 22 | Discharging temp. too high protection (Tdi) | Tdi / Td1≥130°C (E) at interval 25msec, continuous 2sec, and over the set value, then stop and alarm. The oil temp. 10°C lower than the alarm condition for 3 minutes after stop, then resume automatically. | Once confirmed, un-resumable |
| 34-1 | 22 | Discharging temp. too high protection (Td1) | If it occurs 4 times in an hour, confirm the failure | |
| 35-0 | 23 | 4-way valve reversing failure | <p>After the 4-way valve is electrified for 3 minunts, if the below conditions can be met for continuous 10 seconds, that is conversing successfully:</p> <ul style="list-style-type: none"> - This outdoor unit compressor is running normally <ul style="list-style-type: none"> - Tdp - Tdef1≥10°C - Tdp - Tdef2≥10°C - Pd - Ps≥β MPa ※Otherwise, stop protection. (Tao > -10°C, β=0.60; Tao≤-10°C, β=0.40) *4-way valve OFF starts up again after 3 minutes *If Thermo. OFF for 2 continuous times, Error stop. | Once confirmed, un-resumable |
| 35-1 | 23 | 4-way valve reversing failure | If there is 4-way valve of submachine not electrified after host heating detection starts up for 20 min, alarm 35-1 failure. | |
| 36 | 24 | Oil temp. too low protection (Toil) | <p>In normal operation (exclude start up, defrosting, oil return, remain, stop), if Toil < CT+10°C for continuous 5 minutes, the unit stops for 170 seconds and then resumes automatically. If it occurs 3 time in an hour, lock the alarm.</p> <p>*The same as Td too low protection</p> | Once confirmed, un-resumable |
| 37-0 | 25 | Lack of phase of 3N power supply or wrong phase sequence | S phase lack | Un-resumable |
| 37-1 | | | T phase lack | |
| 37-2 | | | S phase & T phase normal, but wrong phase sequence | |

Failure code

| LED indication on master unit | Indication on wired controller (hex) | Failure code definitio | Failure description | Remarks |
|-------------------------------|--------------------------------------|---|--|------------------------------|
| 38 | 26 | High pressure sensor Pd too low protection | Not applicable for this mode | Once confirmed, un-resumable |
| 39-0 | 27 | Low pressure sensor Ps too low protection | After compressor is running(except for residual operation), if in cooling, Ps<0.10MPa; in heating, Ps< 0.05MPa, in oil return, Ps<0.03MPa for continuous 5 minutes, stop and alarm. 170 seconds later, resume automatically. If it occurs 3 times in an hour, confirm the failure. | |
| 39-1 | 27 | Compressor ratio ϵ too high protection | After compressor is running, compression ratio $\epsilon > 8.0$ for continuous 5 minute, then stop and alarm. If in cooling, compression ratio $\epsilon > 9.0$ for continuous 1 minute or in heating, compression ratio $\epsilon > 8.5$ for continuous 1 minute or in heating, stop and alarm. 170 seconds later, resume automatically. If it occurs 4 times in an hour, confirm the failure | Once confirmed, un-resumable |
| 39-2 | 27 | Compressor ratio ϵ too low protection | In normal operation (exclude start up, defrosting, oil return, remain, stop), if compression ratio $\epsilon < 1.8$ for continuous 5 minutes, then stop and alarm. Or $\epsilon < 1.5$ for continuous 1 minute, then stop and alarm. 170 seconds later, resume automatically. If it occurs 4 times in an hour, confirm the failure | |
| 40 | 28 | High pressure sensor Pd too high protection | After compressor is running, if continuous 2 sec $Pd \geq 4.15\text{MPa}$, stop and alarm. 170 seconds later, resume automatically. If it occurs 4 times in an hour, confirm the failure (Like high pressure switch alarm) | Once confirmed, un-resumable |
| 43-0 | 2B | Discharging temp. sensor Tdi too low protection | After 10 minutes for normal operation (exclude start up, defrosting, oil return, remain, stop), if $T_d < CT + 10^\circ\text{C}$ for continuous 5 minutes, stop and alarm. If it occurs 3 times in an hour, lock the alarm. | Once confirmed, un-resumable |
| 43-1 | 2B | Discharging temp. sensor Td1 too low protection | | |

Failure code

| LED indication on master unit | Indication on wired controller (hex) | Failure code definition | Failure description | Remarks |
|-------------------------------|--------------------------------------|--|---|------------------------------|
| 44 | 2C | Low pressure sensor Ps too high protection | Not applicable for this mode | Once confirmed, un-resumable |
| 45 | 2D | Communication failure among outdoor units | No communication within 30 seconds continuously (E) | Resumable |
| 46 | 2E | Communication with INV board failure | No communication within 30 seconds continuously (E) | |
| 53-0 | 35 | Current detector CT failure | Detect before starting up, show incorrect voltage of sensor, stop for 3 minutes, resume to be normal automatically | Resumable |
| 64-0 | 40 | Current detector CT over current failure | Current of fixed compressor at interval 25msec exceed the current limit for 2 times and then stop. Stop for 3 minutes, then resume to be normal automatically. If it occurs 4 times in an hour, lock the alarm. * But, in 4 seconds after startup, not detected. | Once confirmed, un-resumable |
| 67 | 43 | Communication with motor driving board failure | Without communication for 4 minutes. | Resumable |
| 71-0 | 47 | Fan 1 locked-rotor (Left) | Running at speed below 20rpm for 30s, or at speed of 70% lower than target for 2 minutes, stop. 170 seconds later, resume automatically. If it occurs 4 times in an hour, confirm the failure | Once confirmed, un-resumable |
| 71-1 | 47 | Fan 2 locked-rotor (Right) | In 1 minute after INV compressor starts up, Pd-Ps≤0.1MPa, then stop. 170 seconds later, resume automatically. If it occurs 4 times in an hour, confirm the failure. | |
| 75-0 | 4B | No pressure drop between high pressure and low pressure | If Pd-Ps≤0.1MPa for 3 minutes, the outdoor unit protection stop. • 5 minutes after stopping protection, restart. • If there are more than 6 times of stopping protecting within 2 hours, Error stop. | Once confirmed, un-resumable |
| 75-4 | 4B | Too small pressure drop between high pressure and low pressure | | Once confirmed, un-resumable |

Failure code

| LED indication on master unit | Indication on wired controller (hex) | Failure code definitio | Failure description | Remarks |
|-------------------------------|--------------------------------------|---|--|------------------------------|
| 76-0 | 4C | Incorrect outdoor unit quantity, address or capacity setting | Submachine quantity setting are not in conformance with data in EEPROM of the host. | Reset |
| 76-1 | | | Submachine address setting are not in conformance with data in EEPROM of the host. | |
| 76-2 | | | Submachine capacity setting are not in conformance with data in EEPROM of the host. | |
| 77 | 4D | Oil equalization protection among outdoor units | If $ToilpB - ToilpA \leq 10^{\circ}C$, alarm and stop. Not detecting in the course of startup, defrosting and oil return and in 10 minutes after oil return finishes. 170 seconds later, resume automatically. If it occurs 2 times in an hour, lock the failure. | Once confirmed, un-resumable |
| 78-0 | 4E | Lack of gas alarm in cooling | When cooling compressor runs, $Ps < 0.1 \text{ MPa}$ for 30 minutes. | Resumable |
| 78-1 | 4E | Lack of gas alarm in heating | When heating compressor runs, $Ts1-ET > 20$ & $Ts1-ET > 20$ & LEV open fully for 60 minutes, output the lack of gas alarm signal and not stop. | |
| 80 | 50 | Capacity not match to the outdoor units | In VRF system, the difference of capacity between submachine and host is more than 6HP, confirm the failure. | Un-resumable |
| 100 | 64 | DC fan driving board IPM alarm | DC fan driving board IPM alarm because of over current or too high temp. of modular. 170 seconds later, resume automatically. If it occurs 4 times in an hour, confirm the failure | Once confirmed, un-resumable |
| 101 | 65 | DC fan driving board detecting out of control | DC fan driving board detecting is out of control. 170 seconds later, resume automatically. If it occurs 4 times in an hour, confirm the failure | |
| 102 | 66 | DC fan driving board Eeprom faulty | DC fan driving board Eeprom data is wrong. 170 seconds later, resume automatically. If it occurs 4 times in an hour, confirm the failure | |
| 103 | 67 | DC fan driving board over current or current detector damaged | DC fan driving board over current is over 5A, then alarm. 170 seconds later, resume automatically. If it occurs 4 times in an hour, confirm the failure | |

Failure code

| LED indication on master unit | Indication on wired controller (hex) | Failure code definitio | Failure description | Remarks |
|-------------------------------|--------------------------------------|--|---|---|
| 104 | 68 | Voltage too low protection of DC fan driving board | Voltage of DC fan driving board is lower than 280V, then alarm.170 seconds later, resume automatically. If it occurs 4 times in an hour, confirm the failure | |
| 105 | 69 | Overvoltage protection of DC fan driving board | Voltage of DC fan driving board is more than 400V, then alarm.170 seconds later, resume automatically. If it occurs 4 times in an hour, confirm the failure | |
| 106 | 6A | DC fan driving board locked-rotor | Fan speed can not be detected.170 seconds later, resume automatically. If it occurs 4 times in an hour, confirm the failure | |
| 107 | 6B | Over speed protection of DC fan | If it occurs 4 times in an hour, lock the alarm. | |
| 110 | 6E | IPM modular protection (FO) | IPM modular over current, in short circuit, over heat, voltage too low of control circuit. | If it occurs 4 times in an hour, confirm the failure. Once confirmed, un-resumable. |
| 111 | 6F | INV compressor out of control | In the course of compressor startup or running, the unit can not detect the rotor position for 6 times, stop for 5s and then the INV control board resumes automatically. | |
| 112 | 70 | Modular radiator temp. too high | If temp. > 94°C , alarm. If temp.≤94°C , INV control board resumes automatically. | |
| 113 | 71 | Inverter controller overload | The output current of inverter controller is too high continually. | |
| 114 | 72 | Voltage too low of modular DC | If power voltage < DC420V, alarm. If voltage≥DC420V, INV control board resumes automatically. | |
| 115 | 73 | Voltage too high of modular DC | If power voltage > DC642V, alarm. If voltage≤DC642V, INV control board resumes automatically. | |
| 116 | 74 | Communication with modular abnormal | If communication signal can not be detected for continuous 30 seconds, alarm. After it can be detected, INV control board resumes automatically. | |

Failure code

| LED indication on master unit | Indication on wired controller (hex) | Failure code definition | Failure description | Remarks |
|-------------------------------|--------------------------------------|---|---|---|
| 117 | 75 | Modular software over current | Modular software over current. | |
| 118 | 76 | Modular startup failure | Compressor starts up fail for continuous 5 times. | |
| 119 | 77 | Current detecting circuit abnormal of INV controller | Sensor for detecting current of inverter controller is abnormal. Cannot be connected or wrong connection. | |
| 120 | 78 | Inverter controller power supply abnormal | Power supply of inverter controller stops suddenly. | |
| 121 | 79 | Power supply of inverter controller board is abnormal | Power supply of inverter controller board is broken down instantly. | If it occurs 4 times in an hour, confirm the failure. Once confirmed, un-resumable. |
| 122 | 7A | Radiator temp. sensor of inverter controller is abnormal. | Resistor of temp. sensor abnormal or temp. sensor disconnected. | |
| 125 | 7D | Compressor frequency un-match | (Current frequency≥INV target frequency+3Hz) or (target frequency>0 & actual frequency=0) for continuous 2 minutes | Resumable |
| 127 | 7F | MCU reset failure | If the host inspects that MCU of submachine is reset, and the submachine is running, the host alarm MCU reset failure, then the whole system stop. In heating mode, when restart up, 4WV will not be electrified, and the whole system will execute 4WV reversing operation again. If it occurs 4 times in one hour, confirm the failure. | Once confirmed, un-resumable. |

Failure code

When there is no failure, if the starting condition can not be met, digital tube on host will display stand-by code:

| | | | |
|-------|--|--|-------------------------------|
| 555.0 | Stand-by state of capacity overmatch | When capacity is over 135% or lower than 50%, the system is standby. | Once confirmed, un-resumable. |
| 555.1 | Stand-by state of 26°C of heating mode | When it is in heating mode with ambient temp. over 26°C ,the system is standby. | |
| 555.2 | Stand-by state of low pressure (lack of gas) | When the unit starts in cooling Ps<0.23MPa or heating Ps<0.12MPa, the system is standby. | |
| 555.3 | Stand-by state of 54°C of cooling mode | For high ambient models, the unit can not open if ambient temp. over 54°C in cooling mode, and the digital tube display: "555.3" | |

Indoor failure code list

| Indication on master unit | Indication on wired controller | Flash times of LED5 on indoor PCB/timer LED on remote receiver | Failure code definitio |
|---------------------------|--------------------------------|--|---|
| 01 | 01 | 1 | Indoor ambient temp. sensor TA failure |
| 02 | 02 | 2 | Indoor coil temp. sensor TC1 failure |
| 03 | 03 | 3 | Indoor coil temp. sensor TC2 failure |
| 04 | 04 | 4 | Indoor TW sensor failure |
| 05 | 05 | 5 | Indoor EEPROM failure |
| 06 | 06 | 6 | Communication between indoor and outdoor failure |
| 07 | 07 | 7 | Communication between indoor and wired controller failure |
| 08 | 08 | 8 | Indoor drainage failure |
| 09 | 09 | 9 | Indoor repeated address |
| 0C | 0C | 12 | 50Hz zero failure |
| Outdoor failure code | Outdoor failure code | 20 | Outdoor corresponding failure |

VP device failure code list

| Failure code | Failure code definitio | Judgment method | Remarks |
|--------------|---|--|--------------|
| 5 | VP device EEPROM date failure | | Un-resumable |
| 6 | Communication between VP device and outdoor failure | No communication with the outdoor unit for continuous 120 seconds | Resumable |
| 7 | Communication between VP device and indoor failure | When detecting the connected indoor units, the indoor unit quantity is zero. | Resumable |
| 9 | VP device repeated address | | Resumable |
| 20 | Outdoor corresponding failure | | Resumable |

Trial operation and the performance

5-minute delay function

- If starting up the unit after being powered off, the compressor will run about 5 minutes later against being damaged.

Cooling/heating operation

- Indoor units can be controlled individually. Indoor units under different VP can achieve cooling and heating simultaneously.
- Indoor units connected to the same VP can not achieve cooling and heating simultaneously or can not do heating mode. If cooling and heating simultaneously, the later set indoor unit will be in stand-by status, and the earlier set indoor unit can run normally. If the indoor units are not connected to the VP device, it can only do the cooling mode.
- When the system manager fixes the operating mode on cooling or heating, the units can not run in other mode

Heating mode characteristic

- In operation if outdoor temp. arises, indoor fan motor will turn to low speed or stop.

Defrosting in heating mode

- In heating mode, outdoor defrosting will affect the heating efficiency. The unit will defrost for about 2~10 minutes automatically, at this time, the condensate will flow from outdoor, also in defrosting, the vapour will appear at outdoor, which is normal. Indoor motor will run at low speed or stop, and outdoor motor will stop.

The unit operation condition

- To use the unit properly, please operate the unit under the allowed condition range. If operating beyond the range, the protection device will act.
- The relative humidity should be lower than 80%. If the unit runs at the humidity over 80% for a long period, the dew on the unit will drop down and the vapour will be blown from air outlet.

Protection device (such as high pressure switch)

- High pressure switch is the device which can stop the unit automatically when the unit runs abnormally. When the high pressure switch acts, the cooling/heating mode will stop but the running LED on wired controller will be light still. The wired controller will display failure code.
- When the following cases occur, the protection device will act:
In cooling mode, air outlet and air inlet of outdoor are clogged.
In heating mode, indoor filter is stucked with duct; indoor air outlet is clogged
When protection device acts, please cut off the power source and re-start up after eliminating the trouble.

Trial operation and the performance

When power failure

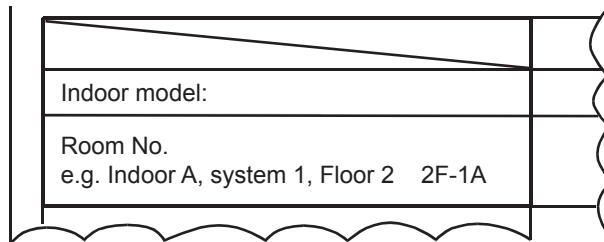
- When power is failure in running, all the operations will stop.
- After being electrified again, if with re-start up function, the unit can resume to the state before power off automatically; if without re-start up function, the unit needs to be switched on again.
- When abnormal occurs in running because of the thunder, the lightning, the interference of car or radio, etc, please cut off the power source, after eliminating the failure, press "ON/OFF" button to start up the unit.

Heating capacity

- The heating mode adopts the heat pump type that absorbs outdoor heat energy and releases into indoor. So if outdoor temperature goes down, the heating capacity will decrease.

System marks

- On the condition that multi FlowLogic II systems are installed, in order to confirm the relationship between outdoor and indoor, please make marks on outdoor electric control box cover to indicate the connected indoor unit. As the below figure:



Trial operation

- Before trial operation:

Before being energized, measure the resistor between power terminal block (live wire and neutral wire) and the grounded point with a multimeter, and check if it is over 1M *. If not, the unit can not operate.

To protect compressor, energize the outdoor unit for at least 12 hours before the unit runs. If the crankcase heater is not energized for 6 hours, the compressor will not work.

Confirm the compressor bottom getting hot

Except for the condition that there is only one master unit connected (no slave unit), under the other conditions, open fully the outdoor operating valves (gas side, liquid side, oil equalization pipe, HP gas side). If operating the unit without opening the valves, compressor failure will occur.

Confirm all indoor units being electrified. If not, water leakage will occur.

Measure the system pressure with pressure gauge, at the same time, operate the unit.

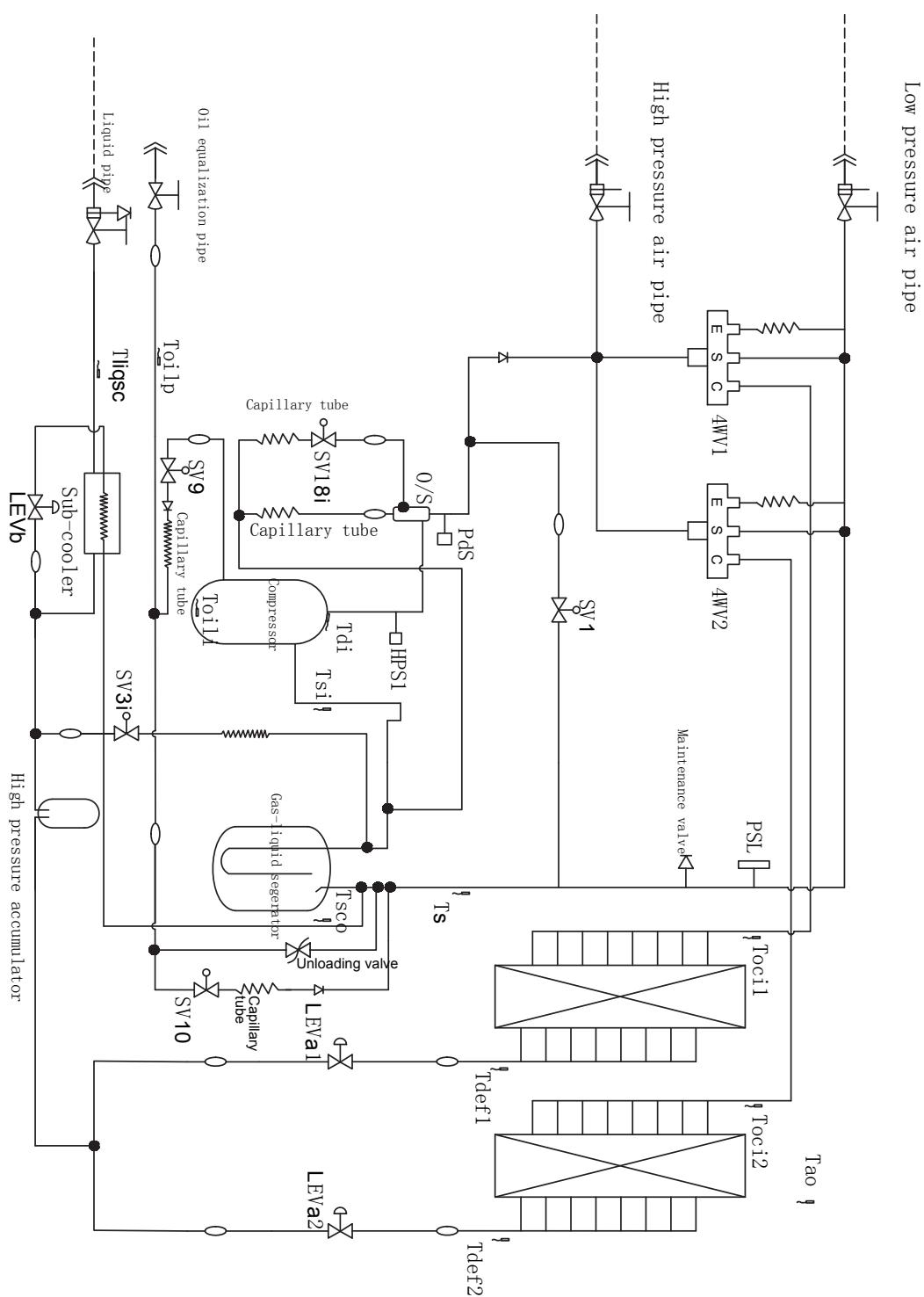
- Trial operation

In trial operation, refer to the information of performance section.

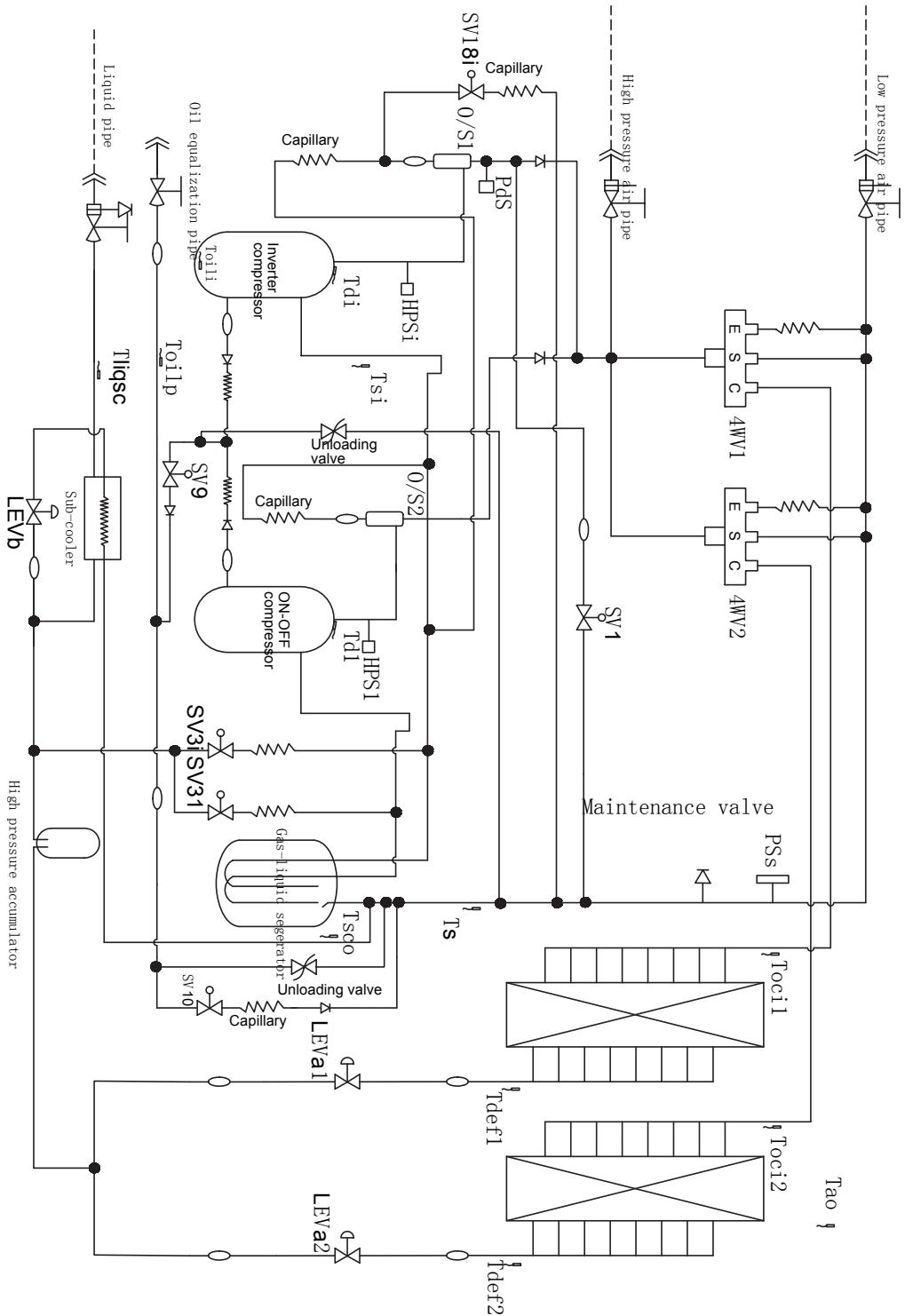
When the unit can not start up at the room temperature, make trial operation for outdoor.

2.3 Piping diagram

8HP/10HP



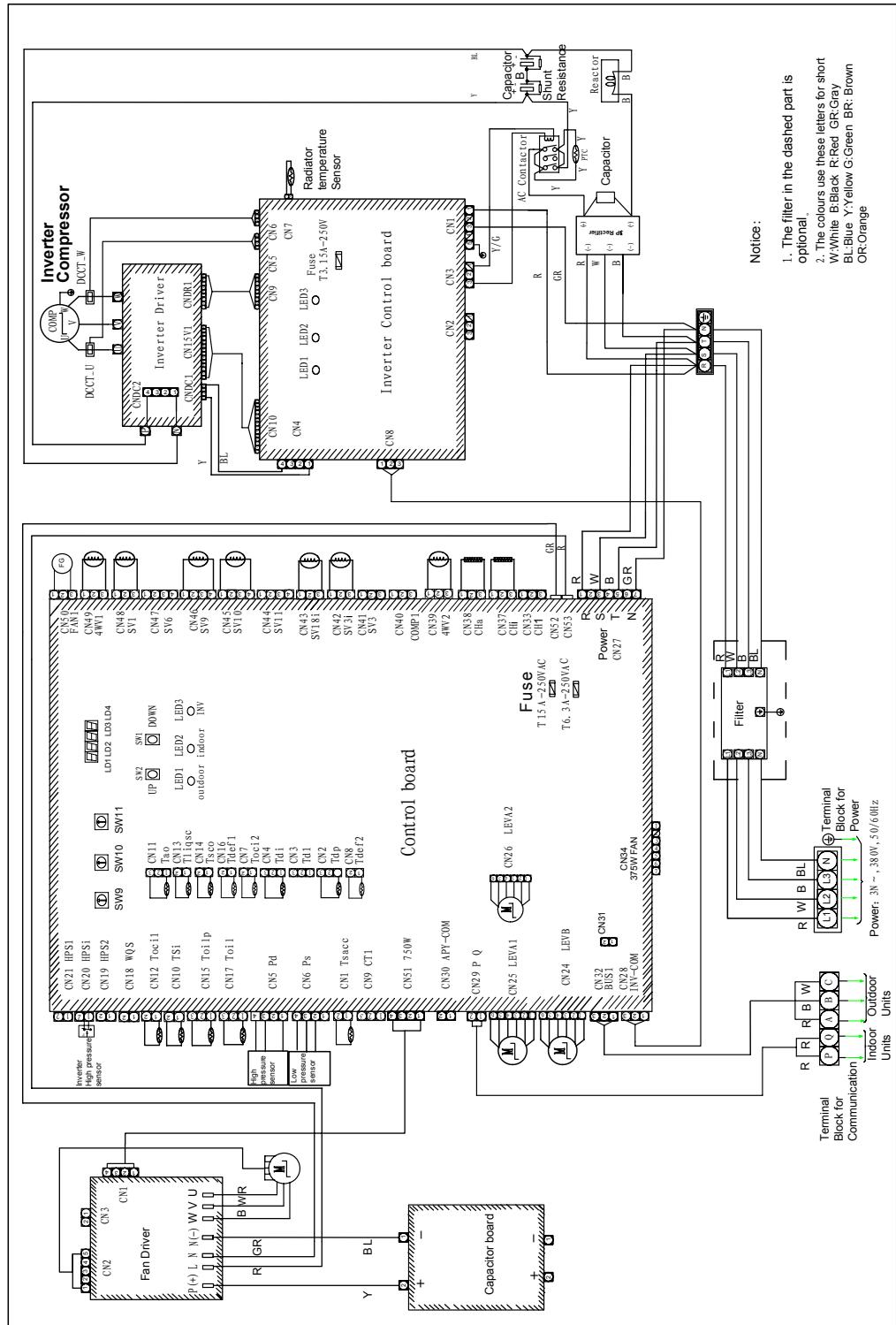
12HP/14HP/16HP



| Part name | Sign | Function | Data | Remark |
|----------------------------|---------|---|--|--------|
| Compressor | / | Capacity control, meet indoor load request by adjusting the frequency. | ANB52: 0.302Ω AN66: 1.78Ω | 200C |
| Pressure Switch | HPSi/1 | Inverter/ ON-OFF high pressure protection control | 4.15Mpa, OFF | |
| Pressure Sensor | Pd | In heating, compressor frequency adjustment, abnormal pressure protection. | NSK-BD042I-224 | |
| | Ps | In cooling, compressor frequency adjustment abnormal pressure protection. | NSK-BD017I-224 | |
| Electronic Expansion Valve | LEVa1/2 | 1.Refrigerant flow control when heating 2. When one outdoor unit is operating, LEVa1/2 can control the heat exchanger works at a half or full condition. | 8~10HP: Φ2.4 12~16HP: Φ3.0 | |
| | LEVb | Sub-cooling valve, in cooling, be controlled as the Tliqsc target. | 8~10HP: Φ1.8 12~16HP: Φ2.4 | |
| Solenoid Valve | SV1 | 1.Meet balance of high/low pressure when compressor starts up or stops. 2.High/low pressure protection. | AC220V | 2A |
| | SV18i | Starting auxiliary oil return when the frequency of inverter compressor is high. | Open when power is on, close when power is off When the frequency of inverter compressor pass 62rps, starts up, stops when 52rps. | |
| | SV10 | When equalizing oil, SV10 starts up. | AC220V | 2A |
| | SV9 | When equalizing oil among modules, SV 9 starts up. | AC220V | 2A |
| | SV3i | When Tdi/Toili is high, the inverter compressor starts up. | AC220V | 2A |
| | SV31 | 12~16HP outdoor ON/OFF compressor starts up when TD1 is high. | AC220V | 2A |
| | 4WV1 | Change over between cooling and heating | AC220V, power on in heating; power off in cooling or defrosting | |
| 4-way valve | 4WV2 | When one outdoor unit is operating, 4WV2 can control the heat exchanger working at a half or full condition. | AC220V, always power on when heat exchanger works at a half condition no matter heating or cooling. | |
| Unloading Valve | DPC | Avoid the oil equalization circuit being blocked by liquid seal. | Opened when the circuit's pressure is over 4.1MPa | |
| Temp. Sensor | Toili | Detect the refrigerant oil temp. at compressor's bottom to judge whether the units operation, oil temp. and oil temp. over-heating degree meet the standard or not. | R(80°C) = 50K B(25/80°C) = 4450K | |
| | Tdp | Detect the high pressure air pipe's temp. to judge whether the diversion in 4WV is success or not. | | |
| | Tdi/Td1 | Detect the temp. of inverter and On-Off compressors' top | | |
| | Toilp | Detect the temp. of oil equalization pipe when equalizing the oil if there are several outdoor units | | |
| | Tdef1/2 | Detect the coil's temp. of outdoor heat exchanger to judge if it reaches the defrosting standard | R(25°C) = 10K, B(25°C/50°C) = 3700 K | |
| | Ts/Tsi | Detect the compressor's suction temp. | | |
| | Tsco | Detect the branch outlet pipe's temp. of heat regenerator in order to control LEVb during cooling. | | |
| | Toci1/2 | Detect condenser's whole air pipe's temp. to control LEVa1 and LEVa2 when heating. | | |
| | Tao | Detect the outdoor temp. to set the original airflow speed and defrosting condition. | | |
| | Tliqsc | Detect the main outlet pipe's temp. of heat regenerator in order to control LEVb during cooling. | | |
| Heater | CHa | Apply to heat the liquid refrigerant in the gas-liquid separator | 70W,220V, 1 piece | |
| | CHi | Applied to heat the oil in the inverter compressor | 33W,220V, 2 piece | |
| | CH1 | Applied to heat the oil in On-Off compressor | 33W,220V, 1 piece | |

2.4 Wiring diagram

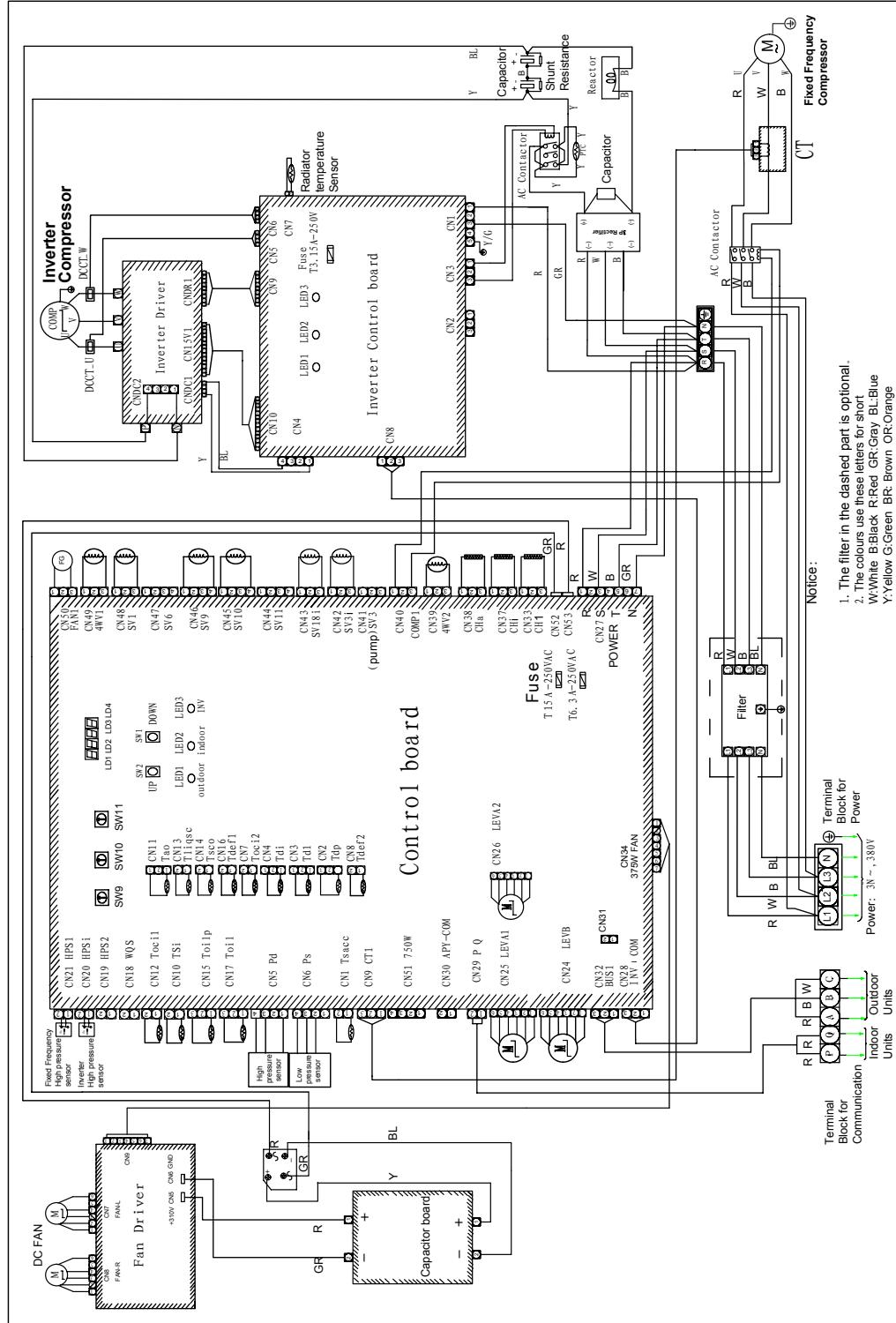
8HP/10HP



Outdoor Unit

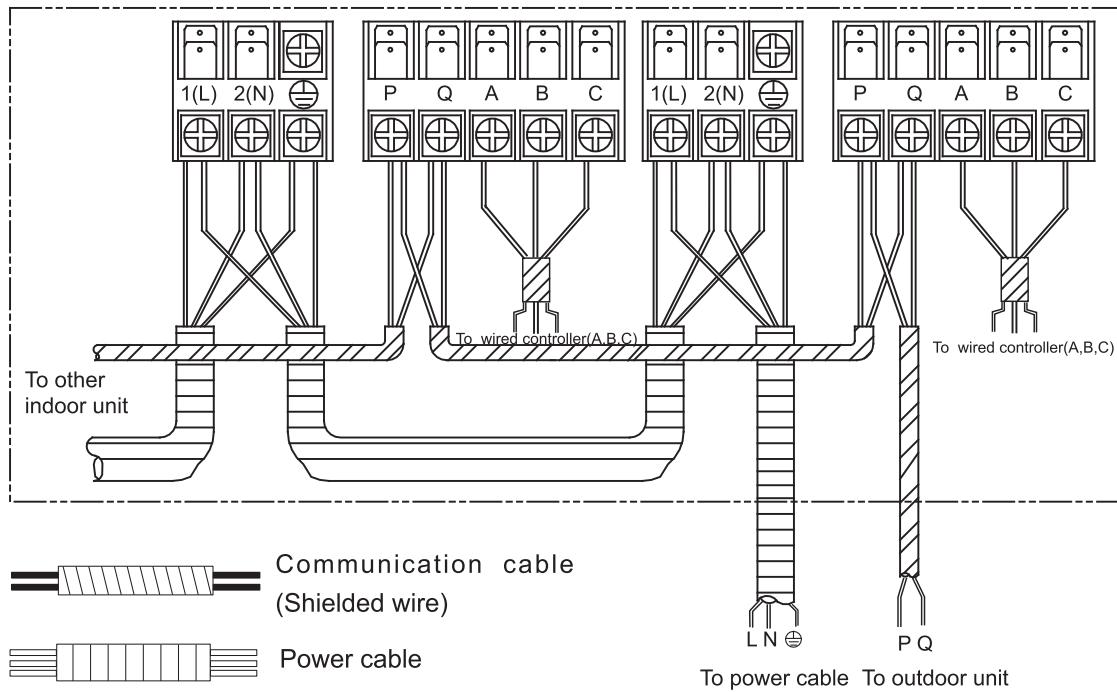
12HP/14HP/16HP

WIRING DIAGRAM OF AV12/14/16IMVUSA

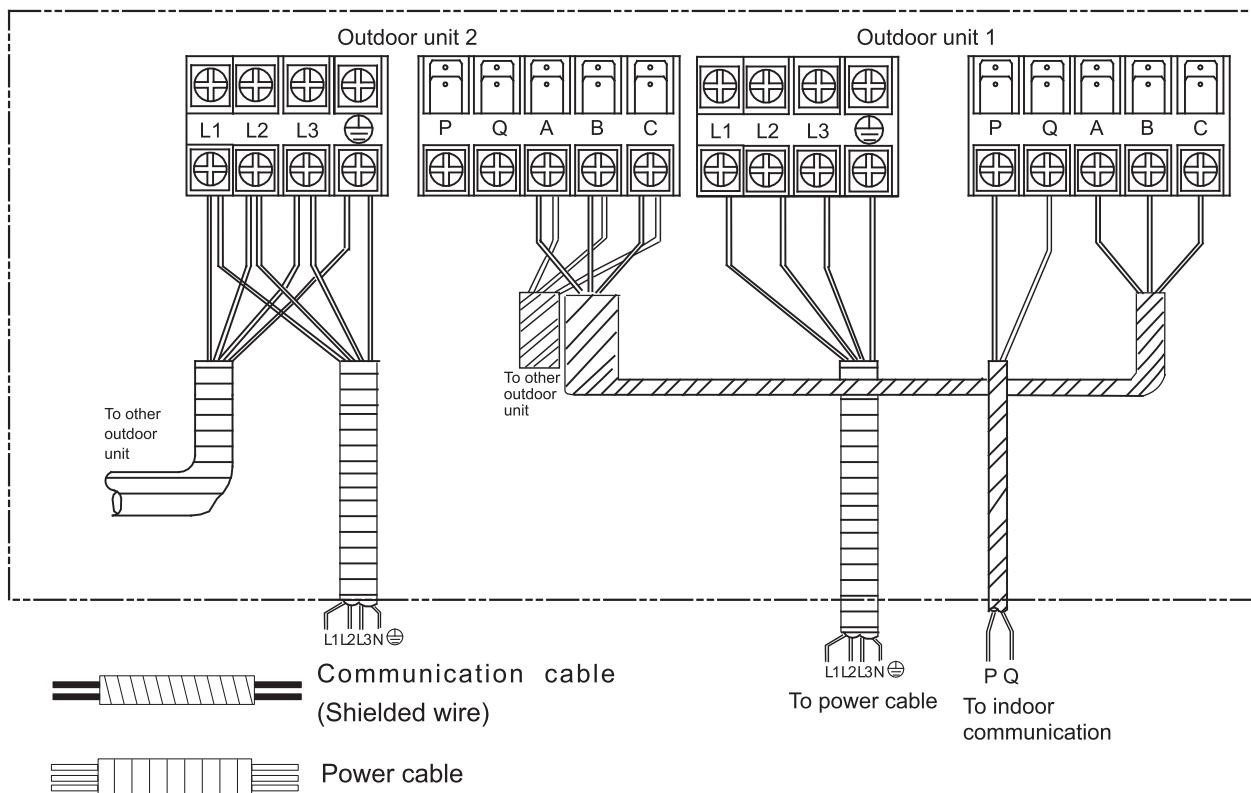


2.5 Field wiring

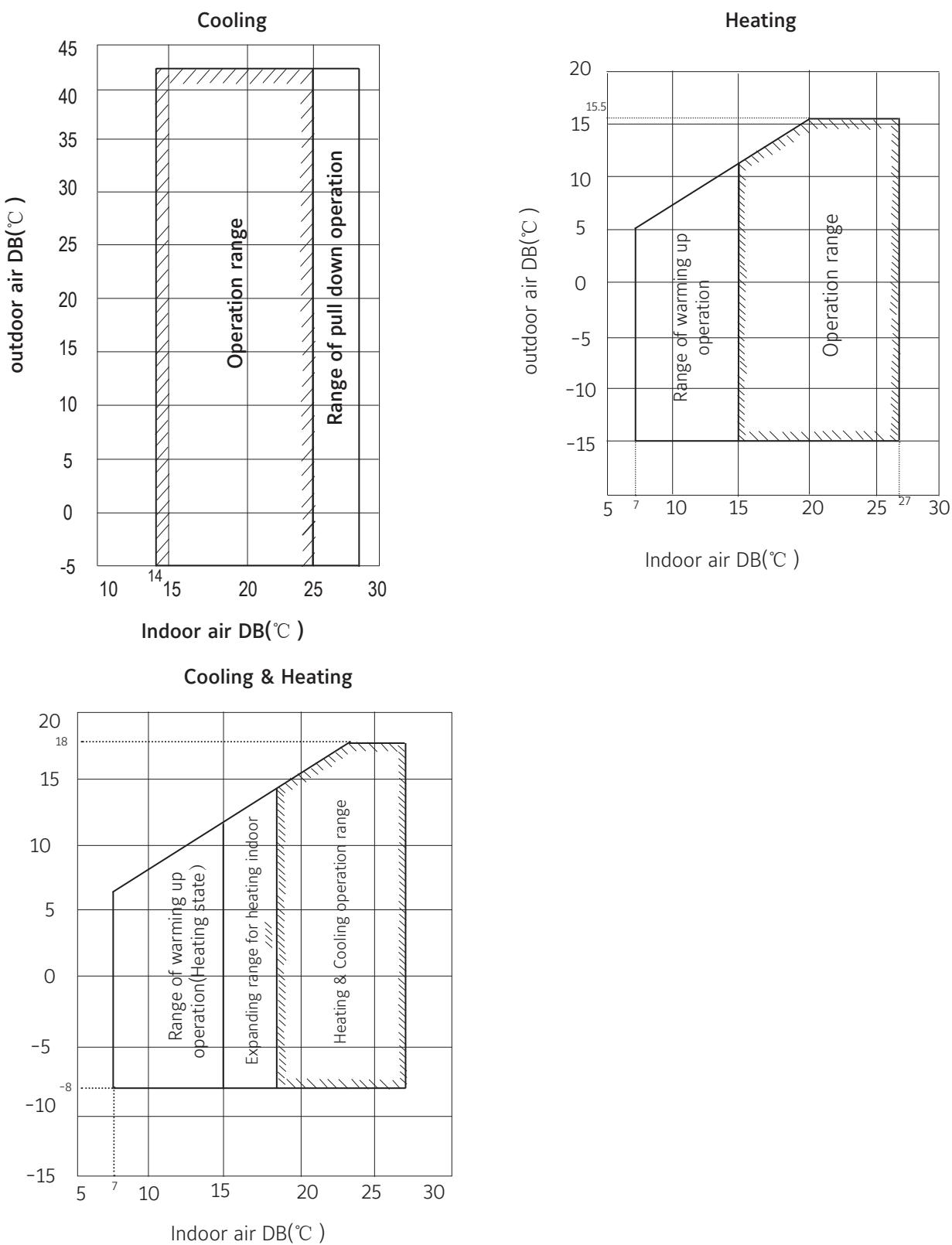
Wiring of indoor units(for example)



Wiring of outdoor units(for example)

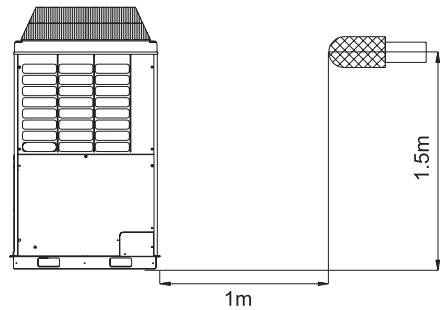


2.6 Operation range



2.7 Sound pressure level

(1) Testing illustration



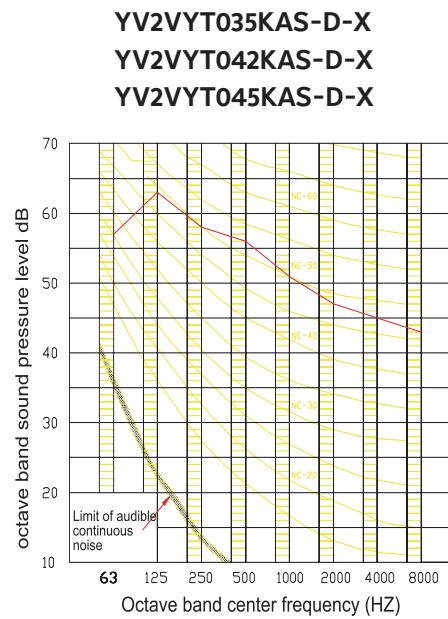
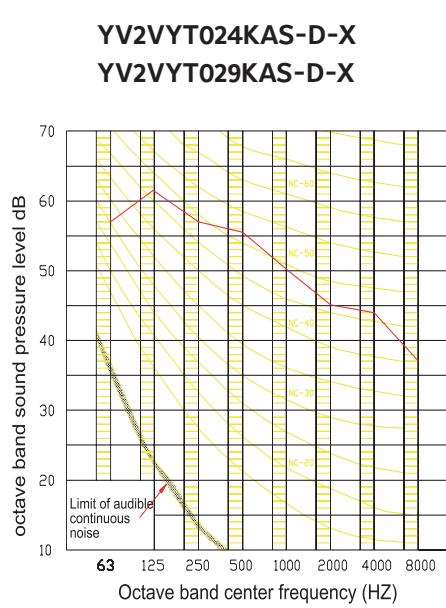
(2) Testing condition:

- a. Unit running in the nominal condition
- b. Test in the semi-anechoic chamber
- c. Noise level varies from the actual factors such as room structure, etc

(3) Noise level dB(A):

| Air speed | Outdoor unit group(380~400-3-50/60) | | | | | | | | |
|-----------|-------------------------------------|------|------|------|---------|---------|---------|---------|---------|
| | 8HP | 10HP | 12HP | 14HP | 16-20HP | 22-26HP | 28-32HP | 34-42HP | 44-48HP |
| H | 57 | 57 | 60 | 60 | 60 | 61 | 62 | 63 | 64 |

(4) Octave band level



Contents

Part 3 Outdoor capacity

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| 3.1 Heating capacity..... | 149 |

3. Capacity table

3.1. Outdoor cooling capacity

| | | YCV280HR | | | | | | | | | | | | | |
|---------------------|----------------------|-----------------------|---------|---------|-----------|---------|---------|---------|-------|-------|-------|-------|-------|-------|-------|
| Capacity Factor (%) | Outdoor Temp (°C WB) | Cooling Capacity | | | | | | | | | | | | | |
| | | Indoor Temp. (°C WB) | | | | | | | | | | | | | |
| | | 14 (°C) | 16 (°C) | 18 (°C) | 19.4 (°C) | 20 (°C) | 22 (°C) | 24 (°C) | TC | PI | TC | PI | TC | | |
| 130% | -5 | 24.86 | 3.93 | 29.29 | 4.72 | 33.73 | 5.42 | 35.71 | 6.03 | 36.89 | 5.95 | 37.58 | 5.38 | 38.57 | 5.25 |
| | 0 | 24.86 | 3.96 | 29.29 | 4.75 | 33.73 | 5.46 | 35.71 | 6.07 | 36.89 | 6.00 | 37.58 | 5.44 | 38.57 | 5.31 |
| | 5 | 24.86 | 4.01 | 29.29 | 4.80 | 33.73 | 5.52 | 35.71 | 6.13 | 36.89 | 6.07 | 37.58 | 5.51 | 38.57 | 5.40 |
| | 10 | 24.86 | 4.07 | 29.29 | 4.88 | 33.73 | 5.70 | 36.10 | 6.11 | 36.40 | 6.01 | 37.28 | 5.74 | 38.07 | 5.48 |
| | 15 | 24.86 | 4.25 | 29.29 | 5.10 | 33.73 | 5.95 | 35.41 | 6.10 | 35.71 | 6.04 | 36.10 | 6.08 | 36.99 | 6.09 |
| | 20 | 24.86 | 4.47 | 29.29 | 5.64 | 33.34 | 6.80 | 34.32 | 6.82 | 34.13 | 6.86 | 35.02 | 6.92 | 35.80 | 6.99 |
| | 25 | 24.86 | 5.34 | 29.29 | 6.75 | 32.35 | 7.69 | 33.14 | 7.70 | 33.04 | 7.73 | 33.93 | 7.80 | 34.62 | 7.90 |
| | 30 | 24.86 | 6.33 | 29.29 | 7.49 | 31.07 | 8.51 | 31.37 | 8.59 | 31.86 | 8.62 | 31.76 | 8.72 | 33.44 | 8.82 |
| | 35 | 24.86 | 7.39 | 29.00 | 9.33 | 30.38 | 9.44 | 30.28 | 9.51 | 30.77 | 9.51 | 31.66 | 9.64 | 32.35 | 9.64 |
| | 41 | 24.86 | 8.62 | 28.80 | 10.16 | 28.80 | 10.26 | 29.29 | 10.26 | 29.59 | 10.26 | 30.58 | 10.26 | 30.97 | 10.36 |
| | 43 | 24.86 | 9.33 | 28.31 | 10.26 | 28.21 | 10.26 | 28.70 | 10.35 | 28.90 | 10.35 | 29.98 | 10.38 | 30.08 | 10.40 |
| 120% | -5 | 23.08 | 3.58 | 27.03 | 4.23 | 31.17 | 4.94 | 33.24 | 5.35 | 35.21 | 5.73 | 37.09 | 5.86 | 37.88 | 5.58 |
| | 0 | 23.08 | 3.61 | 27.03 | 4.26 | 31.17 | 4.98 | 33.24 | 5.40 | 35.21 | 5.78 | 37.09 | 5.91 | 37.88 | 5.64 |
| | 5 | 23.08 | 3.66 | 27.03 | 4.31 | 31.17 | 5.05 | 33.24 | 5.46 | 35.21 | 5.86 | 37.09 | 5.98 | 37.88 | 5.72 |
| | 10 | 23.08 | 3.72 | 27.03 | 4.47 | 31.17 | 5.23 | 33.24 | 5.60 | 35.21 | 5.98 | 36.69 | 5.94 | 37.38 | 5.70 |
| | 15 | 23.08 | 3.90 | 27.03 | 4.68 | 31.17 | 5.46 | 33.24 | 5.85 | 34.72 | 6.12 | 35.41 | 6.02 | 36.20 | 6.05 |
| | 20 | 23.08 | 4.07 | 27.03 | 5.03 | 31.17 | 6.17 | 33.24 | 6.78 | 33.63 | 6.82 | 34.32 | 6.87 | 35.11 | 6.93 |
| | 25 | 23.08 | 4.79 | 27.03 | 6.02 | 31.17 | 7.39 | 32.15 | 7.65 | 32.55 | 7.69 | 33.34 | 7.80 | 33.93 | 7.80 |
| | 30 | 23.08 | 5.67 | 27.03 | 7.14 | 30.38 | 8.51 | 30.87 | 8.56 | 31.27 | 8.59 | 31.96 | 8.62 | 32.85 | 8.72 |
| | 35 | 23.08 | 6.65 | 27.03 | 8.41 | 29.79 | 9.33 | 29.79 | 9.41 | 30.18 | 9.41 | 30.97 | 9.54 | 31.66 | 9.64 |
| | 41 | 23.08 | 7.69 | 27.03 | 9.64 | 28.21 | 10.26 | 28.80 | 10.26 | 29.20 | 10.26 | 29.49 | 10.26 | 30.28 | 10.26 |
| | 43 | 23.08 | 8.51 | 27.03 | 10.26 | 27.62 | 10.36 | 28.21 | 10.35 | 28.51 | 10.35 | 28.80 | 10.36 | 29.79 | 10.38 |
| 110% | -5 | 21.21 | 3.24 | 24.76 | 3.84 | 28.60 | 4.47 | 30.48 | 4.86 | 32.25 | 5.23 | 36.49 | 6.04 | 37.19 | 5.80 |
| | 0 | 21.21 | 3.27 | 24.76 | 3.87 | 28.60 | 4.51 | 30.48 | 4.90 | 32.25 | 5.28 | 36.49 | 6.09 | 37.19 | 5.87 |
| | 5 | 21.21 | 3.32 | 24.76 | 3.92 | 28.60 | 4.58 | 30.48 | 4.96 | 32.25 | 5.35 | 36.49 | 6.17 | 37.19 | 5.95 |
| | 10 | 21.21 | 3.39 | 24.76 | 4.06 | 28.60 | 4.75 | 30.48 | 5.10 | 32.25 | 5.45 | 36.00 | 6.13 | 36.69 | 5.92 |
| | 15 | 21.21 | 3.55 | 24.76 | 4.25 | 28.60 | 4.96 | 30.48 | 5.32 | 32.25 | 5.68 | 34.82 | 6.10 | 35.61 | 6.01 |
| | 20 | 21.21 | 3.70 | 24.76 | 4.46 | 28.60 | 5.44 | 30.48 | 5.96 | 32.25 | 6.50 | 33.73 | 6.83 | 34.42 | 6.88 |
| | 25 | 21.21 | 4.26 | 24.76 | 5.33 | 28.60 | 6.50 | 30.48 | 7.14 | 31.86 | 7.64 | 32.55 | 7.69 | 33.24 | 7.80 |
| | 30 | 21.21 | 5.03 | 24.76 | 6.31 | 28.60 | 7.80 | 30.48 | 8.42 | 30.48 | 8.50 | 31.46 | 8.62 | 32.15 | 8.62 |
| | 35 | 21.21 | 5.91 | 24.76 | 7.42 | 28.60 | 8.51 | 29.29 | 9.31 | 29.69 | 9.41 | 30.28 | 9.54 | 30.97 | 9.64 |
| | 41 | 21.21 | 6.90 | 24.76 | 8.72 | 27.91 | 9.23 | 28.31 | 10.07 | 28.60 | 10.07 | 28.90 | 10.16 | 29.79 | 10.16 |
| | 43 | 21.21 | 7.49 | 24.76 | 9.44 | 27.22 | 9.95 | 27.72 | 10.17 | 27.91 | 10.17 | 28.21 | 10.26 | 29.10 | 10.26 |
| 100% | -5 | 19.14 | 2.92 | 22.49 | 3.46 | 25.94 | 4.05 | 28.00 | 4.59 | 29.29 | 4.65 | 32.75 | 5.31 | 37.78 | 6.01 |
| | 0 | 19.14 | 2.95 | 22.49 | 3.49 | 25.94 | 4.09 | 28.00 | 4.64 | 29.29 | 4.70 | 32.75 | 5.36 | 37.78 | 6.07 |
| | 5 | 19.14 | 3.01 | 22.49 | 3.54 | 25.94 | 4.15 | 28.00 | 4.70 | 29.29 | 4.77 | 32.75 | 5.44 | 37.78 | 6.15 |
| | 10 | 19.14 | 3.06 | 22.49 | 3.66 | 25.94 | 4.27 | 28.00 | 4.58 | 29.29 | 4.90 | 32.75 | 5.53 | 37.19 | 6.12 |
| | 15 | 19.14 | 3.19 | 22.49 | 3.82 | 25.94 | 4.46 | 28.00 | 4.80 | 29.29 | 5.12 | 32.75 | 5.78 | 36.49 | 6.09 |
| | 20 | 19.14 | 3.34 | 22.49 | 4.00 | 25.94 | 4.75 | 28.00 | 5.20 | 29.29 | 5.67 | 32.75 | 6.66 | 35.90 | 6.83 |
| | 25 | 19.14 | 3.75 | 22.49 | 4.68 | 25.94 | 5.68 | 28.00 | 6.23 | 29.29 | 6.78 | 31.96 | 7.69 | 34.62 | 7.69 |
| | 30 | 19.14 | 4.44 | 22.49 | 5.48 | 25.94 | 6.73 | 28.00 | 7.27 | 29.29 | 8.04 | 30.77 | 8.51 | 33.04 | 8.62 |
| | 35 | 19.14 | 5.20 | 22.49 | 6.48 | 25.94 | 7.92 | 28.00 | 7.55 | 29.10 | 9.31 | 29.69 | 9.44 | 31.46 | 9.54 |
| | 41 | 19.14 | 6.07 | 22.49 | 7.59 | 25.94 | 9.22 | 27.81 | 9.60 | 28.01 | 9.98 | 28.60 | 10.16 | 29.20 | 9.95 |
| | 43 | 19.14 | 6.77 | 22.49 | 8.21 | 25.94 | 9.97 | 27.24 | 9.97 | 27.32 | 10.26 | 28.11 | 10.26 | 28.51 | 10.16 |

Capacity table

To be continued

Continued

| Capacity Factor (%) | Outdoor Temp (°C WB) | YCV280HR | | | | | | | | Cooling Capacity | | | | | | | |
|---------------------|----------------------|----------------------|------|---------|------|---------|------|-----------|------|------------------|------|---------|-------|---------|-------|----|----|
| | | Indoor Temp. (°C WB) | | | | | | | | | | | | | | | |
| | | 14 (°C) | | 16 (°C) | | 18 (°C) | | 19.4 (°C) | | 20 (°C) | | 22 (°C) | | 24 (°C) | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| 90% | -5 | 17.22 | 2.60 | 20.24 | 3.13 | 23.35 | 3.63 | 25.20 | 3.87 | 26.53 | 4.20 | 29.49 | 4.66 | 32.55 | 5.20 | | |
| | 0 | 17.22 | 2.64 | 20.24 | 3.16 | 23.35 | 3.67 | 25.20 | 3.91 | 26.53 | 4.26 | 29.49 | 4.71 | 32.55 | 5.26 | | |
| | 5 | 17.22 | 2.69 | 20.24 | 3.21 | 23.35 | 3.73 | 25.20 | 3.97 | 26.53 | 4.33 | 29.49 | 4.78 | 32.55 | 5.34 | | |
| | 10 | 17.22 | 2.74 | 20.24 | 3.26 | 23.35 | 3.80 | 25.20 | 4.08 | 26.53 | 4.36 | 29.49 | 4.92 | 32.55 | 5.49 | | |
| | 15 | 17.22 | 2.85 | 20.24 | 3.41 | 23.35 | 3.97 | 25.20 | 4.25 | 26.53 | 4.56 | 29.49 | 5.14 | 32.55 | 5.73 | | |
| | 20 | 17.22 | 2.99 | 20.24 | 3.57 | 23.35 | 4.15 | 25.20 | 4.48 | 26.53 | 4.88 | 29.49 | 5.70 | 32.55 | 6.60 | | |
| | 25 | 17.22 | 3.28 | 20.24 | 4.06 | 23.35 | 4.91 | 25.20 | 5.37 | 26.53 | 5.83 | 29.49 | 6.82 | 31.96 | 7.69 | | |
| | 30 | 17.22 | 3.88 | 20.24 | 4.80 | 23.35 | 5.82 | 25.20 | 6.35 | 26.53 | 6.91 | 29.49 | 8.10 | 30.87 | 8.51 | | |
| | 35 | 17.22 | 4.53 | 20.24 | 5.62 | 23.35 | 6.82 | 25.20 | 7.47 | 26.53 | 8.13 | 29.10 | 9.33 | 29.69 | 9.44 | | |
| | 41 | 17.22 | 5.22 | 20.24 | 6.55 | 23.35 | 7.90 | 25.20 | 8.72 | 26.53 | 9.31 | 27.82 | 10.16 | 28.60 | 10.16 | | |
| 80% | 43 | 17.22 | 5.41 | 20.24 | 7.12 | 23.35 | 8.51 | 25.20 | 9.13 | 26.53 | 9.60 | 26.63 | 10.26 | 28.01 | 10.26 | | |
| | -5 | 15.31 | 2.31 | 17.99 | 2.75 | 20.75 | 3.19 | 22.40 | 3.47 | 23.48 | 3.60 | 26.24 | 4.09 | 28.90 | 4.42 | | |
| | 0 | 15.31 | 2.34 | 17.99 | 2.78 | 20.75 | 3.23 | 22.40 | 3.51 | 23.48 | 3.65 | 26.24 | 4.14 | 28.90 | 4.48 | | |
| | 5 | 15.31 | 2.39 | 17.99 | 2.83 | 20.75 | 3.29 | 22.40 | 3.57 | 23.48 | 3.72 | 26.24 | 4.22 | 28.90 | 4.56 | | |
| | 10 | 15.31 | 2.43 | 17.99 | 2.88 | 20.75 | 3.34 | 22.40 | 3.65 | 23.48 | 3.83 | 26.24 | 4.33 | 28.90 | 4.82 | | |
| | 15 | 15.31 | 2.52 | 17.99 | 3.01 | 20.75 | 3.50 | 22.40 | 3.74 | 23.48 | 4.00 | 26.24 | 4.52 | 28.90 | 5.04 | | |
| | 20 | 15.31 | 2.64 | 17.99 | 3.13 | 20.75 | 3.65 | 22.40 | 3.92 | 23.48 | 4.19 | 26.24 | 4.82 | 28.90 | 5.56 | | |
| | 25 | 15.31 | 2.83 | 17.99 | 3.48 | 20.75 | 4.19 | 22.40 | 4.56 | 23.48 | 4.94 | 26.24 | 5.78 | 28.90 | 6.65 | | |
| | 30 | 15.31 | 3.34 | 17.99 | 4.11 | 20.75 | 4.94 | 22.40 | 5.40 | 23.48 | 5.86 | 26.24 | 6.83 | 28.90 | 7.90 | | |
| | 35 | 15.31 | 3.91 | 17.99 | 4.81 | 20.75 | 5.82 | 22.40 | 6.34 | 23.48 | 6.88 | 26.24 | 8.00 | 28.90 | 9.33 | | |
| 70% | 41 | 15.31 | 4.43 | 17.99 | 5.72 | 20.75 | 6.76 | 22.40 | 7.37 | 23.48 | 7.99 | 25.74 | 9.23 | 27.72 | 9.95 | | |
| | 43 | 15.31 | 4.72 | 17.99 | 5.72 | 20.75 | 7.30 | 22.40 | 7.83 | 23.48 | 8.37 | 24.56 | 9.64 | 27.12 | 10.16 | | |
| | -5 | 13.39 | 2.00 | 15.74 | 2.38 | 18.16 | 2.67 | 19.60 | 2.98 | 20.52 | 3.10 | 22.88 | 3.52 | 25.35 | 3.79 | | |
| | 0 | 13.39 | 2.03 | 15.74 | 2.41 | 18.16 | 2.71 | 19.60 | 3.03 | 20.52 | 3.15 | 22.88 | 3.57 | 25.35 | 3.86 | | |
| | 5 | 13.39 | 2.08 | 15.74 | 2.46 | 18.16 | 2.77 | 19.60 | 3.09 | 20.52 | 3.22 | 22.88 | 3.64 | 25.35 | 3.94 | | |
| | 10 | 13.39 | 2.11 | 15.74 | 2.50 | 18.16 | 2.89 | 19.60 | 3.11 | 20.52 | 3.31 | 22.88 | 3.73 | 25.35 | 4.16 | | |
| | 15 | 13.39 | 2.21 | 15.74 | 2.61 | 18.16 | 3.03 | 19.60 | 3.23 | 20.52 | 3.46 | 22.88 | 3.90 | 25.35 | 4.36 | | |
| | 20 | 13.39 | 2.30 | 15.74 | 2.72 | 18.16 | 3.16 | 19.60 | 3.39 | 20.52 | 3.61 | 22.88 | 4.08 | 25.35 | 4.60 | | |
| | 25 | 13.39 | 2.42 | 15.74 | 2.94 | 18.16 | 3.52 | 19.60 | 3.82 | 20.52 | 4.13 | 22.88 | 4.80 | 25.35 | 5.50 | | |
| | 30 | 13.39 | 2.85 | 15.74 | 3.46 | 18.16 | 4.15 | 19.60 | 4.51 | 20.52 | 4.89 | 22.88 | 5.68 | 25.35 | 6.51 | | |
| 60% | 35 | 13.39 | 3.33 | 15.74 | 4.06 | 18.16 | 4.87 | 19.60 | 5.29 | 20.52 | 5.73 | 22.88 | 6.67 | 25.35 | 7.69 | | |
| | 41 | 13.39 | 3.80 | 15.74 | 4.72 | 18.16 | 5.69 | 19.60 | 6.18 | 20.52 | 6.68 | 22.88 | 7.69 | 25.35 | 8.92 | | |
| | 43 | 13.39 | 4.07 | 15.74 | 5.12 | 18.16 | 6.15 | 19.60 | 6.74 | 20.52 | 7.24 | 21.70 | 8.10 | 24.76 | 9.33 | | |
| | -5 | 11.48 | 1.71 | 13.49 | 2.03 | 15.56 | 2.32 | 16.80 | 2.51 | 17.56 | 2.62 | 19.63 | 2.86 | 21.70 | 3.16 | | |
| | 0 | 11.48 | 1.74 | 13.49 | 2.06 | 15.56 | 2.36 | 16.80 | 2.55 | 17.56 | 2.68 | 19.63 | 2.91 | 21.70 | 3.22 | | |
| | 5 | 11.48 | 1.80 | 13.49 | 2.11 | 15.56 | 2.42 | 16.80 | 2.62 | 17.56 | 2.75 | 19.63 | 2.99 | 21.70 | 3.30 | | |
| | 10 | 11.48 | 1.83 | 13.49 | 2.14 | 15.56 | 2.46 | 16.80 | 2.73 | 17.56 | 2.81 | 19.63 | 3.16 | 21.70 | 3.52 | | |
| | 15 | 11.48 | 1.90 | 13.49 | 2.23 | 15.56 | 2.56 | 16.80 | 2.75 | 17.56 | 2.93 | 19.63 | 3.29 | 21.70 | 3.67 | | |
| | 20 | 11.48 | 1.98 | 13.49 | 2.33 | 15.56 | 2.68 | 16.80 | 2.87 | 17.56 | 3.06 | 19.63 | 3.45 | 21.70 | 3.84 | | |
| | 25 | 11.48 | 2.06 | 13.49 | 2.45 | 15.56 | 2.89 | 16.80 | 3.14 | 17.56 | 3.39 | 19.63 | 3.91 | 21.70 | 4.45 | | |
| | 30 | 11.48 | 2.39 | 13.49 | 2.89 | 15.56 | 4.36 | 16.80 | 3.70 | 17.56 | 3.98 | 19.63 | 4.61 | 21.70 | 5.26 | | |
| | 35 | 11.48 | 2.78 | 13.49 | 3.36 | 15.56 | 4.01 | 16.80 | 4.34 | 17.56 | 4.69 | 19.63 | 5.41 | 21.70 | 6.18 | | |
| 50% | 41 | 11.48 | 3.23 | 13.49 | 2.95 | 15.56 | 4.61 | 16.80 | 4.75 | 17.56 | 5.44 | 19.63 | 6.30 | 21.70 | 7.21 | | |
| | 43 | 11.48 | 3.52 | 13.49 | 3.23 | 15.56 | 4.80 | 16.80 | 5.21 | 17.56 | 5.91 | 19.63 | 6.86 | 21.70 | 7.37 | | |
| | -5 | 9.57 | 1.45 | 11.24 | 1.69 | 12.97 | 1.93 | 14.00 | 2.07 | 14.60 | 2.15 | 16.37 | 2.39 | 18.05 | 2.67 | | |
| | 0 | 9.57 | 1.48 | 11.24 | 1.72 | 12.97 | 1.97 | 14.00 | 2.11 | 14.60 | 2.20 | 16.37 | 2.44 | 18.05 | 2.73 | | |
| | 5 | 9.57 | 1.53 | 11.24 | 1.77 | 12.97 | 2.03 | 14.00 | 2.17 | 14.60 | 2.28 | 16.37 | 2.51 | 18.05 | 2.81 | | |
| | 10 | 9.57 | 1.55 | 11.24 | 1.80 | 12.97 | 2.06 | 14.00 | 2.20 | 14.60 | 2.33 | 16.37 | 2.61 | 18.05 | 2.89 | | |
| | 15 | 9.57 | 1.60 | 11.24 | 1.87 | 12.97 | 2.13 | 14.00 | 2.28 | 14.60 | 2.42 | 16.37 | 2.71 | 18.05 | 3.01 | | |
| | 20 | 9.57 | 1.66 | 11.24 | 1.94 | 12.97 | 2.23 | 14.00 | 2.38 | 14.60 | 2.53 | 16.37 | 2.83 | 18.05 | 3.15 | | |
| | 25 | 9.57 | 1.73 | 11.24 | 2.02 | 12.97 | 2.34 | 14.00 | 2.51 | 14.60 | 2.70 | 16.37 | 3.10 | 18.05 | 3.50 | | |
| | 30 | 9.57 | 1.97 | 11.24 | 2.34 | 12.97 | 2.75 | 14.00 | 2.96 | 14.60 | 3.19 | 16.37 | 3.64 | 18.05 | 4.13 | | |
| | 35 | 9.57 | 2.29 | 11.24 | 2.74 | 12.97 | 3.22 | 14.00 | 3.46 | 14.60 | 3.72 | 16.37 | 4.27 | 18.05 | 4.84 | | |
| | 41 | 9.57 | 2.67 | 11.24 | 3.17 | 12.97 | 3.71 | 14.00 | 4.00 | 14.60 | 4.33 | 16.37 | 5.11 | 18.05 | 5.70 | | |
| | 43 | 9.57 | 2.94 | 11.24 | 3.46 | 12.97 | 4.01 | 14.00 | 4.56 | 14.60 | 4.69 | 16.37 | 5.39 | 18.05 | 6.35 | | |

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

| | | YCV335HR | | | | | | Cooling Capacity | | | | | | | |
|---------------------|----------------------|-----------------------|----------|----------|----------|----------|----------|------------------|----------|----------|----------|----------|----------|----------|----------|
| Capacity Factor (%) | Outdoor Temp (°C WB) | Indoor Temp. (°C WB) | | | | | | | | | | | | | |
| | | 14 (°C) | | 16 (°C) | | 18 (°C) | | 19.4 (°C) | | 20 (°C) | | 22 (°C) | | 24 (°C) | |
| | | TC kW | PI kW | TC kW | PI kW | TC kW | PI kW | TC kW | PI kW | TC kW | PI kW | TC kW | PI kW | TC kW | PI kW |
| 130% | -5 | 30.04 | 4.10 | 35.49 | 4.93 | 40.85 | 5.66 | 43.62 | 6.31 | 45.41 | 6.22 | 46.70 | 5.63 | 47.49 | 5.50 |
| | 0 | 30.04 | 4.13 | 35.49 | 4.96 | 40.85 | 5.70 | 43.62 | 6.34 | 45.41 | 6.27 | 46.70 | 5.68 | 47.49 | 5.55 |
| | 5 | 30.04 | 4.18 | 35.49 | 5.00 | 40.85 | 5.76 | 43.62 | 6.40 | 45.41 | 6.33 | 46.70 | 5.75 | 47.49 | 5.63 |
| | 10 | 30.04 | 4.25 | 35.49 | 5.09 | 40.85 | 5.96 | 43.62 | 6.38 | 44.12 | 6.27 | 45.11 | 5.99 | 46.10 | 5.72 |
| | 15 | 30.04 | 4.43 | 35.49 | 5.32 | 40.85 | 6.21 | 42.14 | 6.37 | 42.73 | 6.31 | 43.62 | 6.34 | 44.81 | 6.35 |
| | 20 | 30.04 | 4.66 | 35.49 | 5.88 | 40.45 | 7.10 | 40.85 | 7.12 | 41.34 | 7.16 | 42.34 | 7.22 | 43.33 | 7.29 |
| | 25 | 30.04 | 5.57 | 35.49 | 7.04 | 38.96 | 7.99 | 39.36 | 8.03 | 39.96 | 8.08 | 41.05 | 8.17 | 42.04 | 8.26 |
| | 30 | 30.04 | 6.60 | 35.49 | 7.80 | 37.58 | 8.90 | 38.07 | 8.96 | 38.67 | 9.00 | 39.56 | 9.09 | 40.75 | 9.18 |
| | 35 | 30.04 | 7.71 | 35.20 | 9.73 | 36.29 | 9.82 | 36.78 | 9.91 | 37.18 | 9.91 | 38.17 | 10.01 | 39.26 | 10.10 |
| | 41 | 30.04 | 9.00 | 34.01 | 10.56 | 35.00 | 10.74 | 35.39 | 10.70 | 35.99 | 10.74 | 36.88 | 10.74 | 38.07 | 10.74 |
| 120% | -5 | 27.76 | 3.74 | 32.72 | 4.42 | 37.77 | 5.18 | 40.15 | 5.60 | 43.23 | 6.00 | 45.71 | 6.13 | 46.60 | 5.85 |
| | 0 | 27.76 | 3.77 | 32.72 | 4.45 | 37.77 | 5.21 | 40.15 | 5.64 | 43.23 | 6.05 | 45.71 | 6.18 | 46.60 | 5.90 |
| | 5 | 27.76 | 3.82 | 32.72 | 4.50 | 37.77 | 5.27 | 40.15 | 5.69 | 43.23 | 6.11 | 45.71 | 6.24 | 46.60 | 5.98 |
| | 10 | 27.76 | 3.88 | 32.72 | 4.66 | 37.77 | 5.45 | 40.15 | 5.85 | 42.63 | 6.24 | 44.42 | 6.20 | 45.31 | 5.95 |
| | 15 | 27.76 | 4.07 | 32.72 | 4.87 | 37.77 | 5.69 | 40.15 | 6.10 | 42.14 | 6.39 | 43.03 | 6.28 | 43.92 | 6.32 |
| | 20 | 27.76 | 4.25 | 32.72 | 5.25 | 37.77 | 6.44 | 40.15 | 7.07 | 40.75 | 7.11 | 41.54 | 7.17 | 42.43 | 7.24 |
| | 25 | 27.76 | 4.99 | 32.72 | 6.28 | 37.77 | 7.71 | 38.77 | 7.99 | 39.36 | 7.99 | 40.25 | 8.08 | 41.15 | 8.17 |
| | 30 | 27.76 | 5.91 | 32.72 | 7.44 | 36.88 | 8.81 | 37.48 | 8.92 | 38.07 | 9.00 | 38.77 | 9.00 | 39.66 | 9.09 |
| | 35 | 27.76 | 6.93 | 32.72 | 8.72 | 35.59 | 9.73 | 36.19 | 9.82 | 36.58 | 9.82 | 37.48 | 9.91 | 38.37 | 10.01 |
| | 41 | 27.76 | 8.08 | 32.72 | 10.01 | 34.21 | 10.74 | 34.70 | 10.70 | 35.30 | 10.74 | 36.19 | 10.74 | 37.08 | 10.74 |
| 110% | -5 | 25.38 | 3.39 | 30.04 | 4.02 | 34.50 | 4.69 | 36.78 | 5.08 | 39.06 | 5.47 | 45.01 | 6.32 | 46.00 | 6.07 |
| | 0 | 25.38 | 3.41 | 30.04 | 4.05 | 34.50 | 4.73 | 36.78 | 5.12 | 39.06 | 5.52 | 45.01 | 6.37 | 46.00 | 6.13 |
| | 5 | 25.38 | 3.46 | 30.04 | 4.09 | 34.50 | 4.78 | 36.78 | 5.18 | 39.06 | 5.58 | 45.01 | 6.44 | 46.00 | 6.21 |
| | 10 | 25.38 | 3.53 | 30.04 | 4.24 | 34.50 | 4.96 | 36.78 | 5.32 | 39.06 | 5.68 | 43.62 | 6.40 | 44.52 | 6.17 |
| | 15 | 25.38 | 3.70 | 30.04 | 4.42 | 34.50 | 5.18 | 36.78 | 5.55 | 39.06 | 5.92 | 42.14 | 6.37 | 43.03 | 6.27 |
| | 20 | 25.38 | 3.86 | 30.04 | 4.65 | 34.50 | 5.67 | 36.78 | 6.22 | 39.06 | 6.78 | 40.85 | 7.13 | 41.74 | 7.18 |
| | 25 | 25.38 | 4.44 | 30.04 | 5.56 | 34.50 | 6.78 | 36.78 | 7.44 | 38.07 | 7.99 | 38.96 | 8.08 | 39.86 | 8.08 |
| | 30 | 25.38 | 5.25 | 30.04 | 6.58 | 34.50 | 8.17 | 36.78 | 8.79 | 37.08 | 8.90 | 38.07 | 9.00 | 38.96 | 9.00 |
| | 35 | 25.38 | 6.16 | 30.04 | 7.74 | 34.50 | 8.90 | 35.39 | 9.72 | 35.89 | 9.82 | 36.78 | 9.91 | 37.58 | 10.01 |
| | 41 | 25.38 | 7.20 | 30.04 | 9.09 | 33.51 | 9.64 | 34.11 | 10.50 | 34.50 | 10.47 | 35.30 | 10.56 | 36.29 | 10.56 |
| 100% | -5 | 23.10 | 3.06 | 27.26 | 3.62 | 31.33 | 4.24 | 33.50 | 4.81 | 35.59 | 4.86 | 39.66 | 5.56 | 45.11 | 6.29 |
| | 0 | 23.10 | 3.08 | 27.26 | 3.64 | 31.33 | 4.28 | 33.50 | 4.85 | 35.59 | 4.91 | 39.66 | 5.61 | 45.11 | 6.34 |
| | 5 | 23.10 | 3.13 | 27.26 | 3.69 | 31.33 | 4.33 | 33.50 | 4.90 | 35.59 | 4.98 | 39.66 | 5.67 | 45.11 | 6.42 |
| | 10 | 23.10 | 3.19 | 27.26 | 3.82 | 31.33 | 4.45 | 33.50 | 4.78 | 35.59 | 5.11 | 39.66 | 5.77 | 43.62 | 6.39 |
| | 15 | 23.10 | 3.32 | 27.26 | 3.98 | 31.33 | 4.65 | 33.50 | 5.00 | 35.59 | 5.33 | 39.66 | 6.02 | 42.14 | 6.35 |
| | 20 | 23.10 | 3.49 | 27.26 | 4.17 | 31.33 | 4.96 | 33.50 | 5.43 | 35.59 | 5.91 | 39.66 | 6.95 | 40.85 | 7.13 |
| | 25 | 23.10 | 3.92 | 27.26 | 4.87 | 31.33 | 5.92 | 33.50 | 6.49 | 35.59 | 7.07 | 38.77 | 7.99 | 39.56 | 8.08 |
| | 30 | 23.10 | 4.63 | 27.26 | 5.72 | 31.33 | 7.02 | 33.50 | 7.58 | 35.59 | 8.35 | 37.38 | 8.90 | 38.07 | 9.00 |
| | 35 | 23.10 | 5.43 | 27.26 | 6.77 | 31.33 | 8.26 | 33.50 | 9.18 | 35.30 | 9.73 | 35.99 | 9.82 | 36.78 | 9.91 |
| | 41 | 23.10 | 6.33 | 27.26 | 7.89 | 31.33 | 9.62 | 33.02 | 10.02 | 33.91 | 10.37 | 34.70 | 10.56 | 35.39 | 10.37 |
| | 43 | 23.10 | 7.06 | 27.26 | 8.54 | 31.33 | 10.41 | 32.55 | 10.41 | 33.11 | 10.74 | 33.91 | 10.74 | 34.70 | 10.56 |

To be continued

Continued

| Capacity Factor (%) | Outdoor Temp (°C WB) | YCV335HR | | | | | | Cooling Capacity | | | | | | | |
|---------------------|----------------------|----------------------|------|---------|------|---------|------|------------------|------|---------|-------|---------|-------|---------|-------|
| | | Indoor Temp. (°C WB) | | | | | | | | | | | | | |
| | | 14 (°C) | | 16 (°C) | | 18 (°C) | | 19.4 (°C) | | 20 (°C) | | 22 (°C) | | 24 (°C) | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| 90% | -5 | 20.79 | 2.73 | 24.54 | 3.28 | 28.20 | 3.80 | 30.15 | 4.05 | 32.02 | 4.40 | 35.69 | 4.87 | 39.36 | 5.44 |
| | 0 | 20.79 | 2.76 | 24.54 | 3.30 | 28.20 | 3.84 | 30.15 | 4.08 | 32.02 | 4.45 | 35.69 | 4.92 | 39.36 | 5.50 |
| | 5 | 20.79 | 2.81 | 24.54 | 3.35 | 28.20 | 3.89 | 30.15 | 4.14 | 32.02 | 4.52 | 35.69 | 4.98 | 39.36 | 5.57 |
| | 10 | 20.79 | 2.85 | 24.54 | 3.41 | 28.20 | 3.97 | 30.15 | 4.26 | 32.02 | 4.55 | 35.69 | 5.14 | 39.36 | 5.73 |
| | 15 | 20.79 | 2.97 | 24.54 | 3.55 | 28.20 | 4.14 | 30.15 | 4.43 | 32.02 | 4.76 | 35.69 | 5.37 | 39.36 | 5.99 |
| | 20 | 20.79 | 3.11 | 24.54 | 3.72 | 28.20 | 4.33 | 30.15 | 4.68 | 32.02 | 5.09 | 35.69 | 5.96 | 39.36 | 6.88 |
| | 25 | 20.79 | 3.42 | 24.54 | 4.24 | 28.20 | 5.12 | 30.15 | 5.59 | 32.02 | 6.09 | 35.69 | 7.12 | 38.67 | 7.99 |
| | 30 | 20.79 | 4.04 | 24.54 | 5.00 | 28.20 | 6.06 | 30.15 | 6.62 | 32.02 | 7.21 | 35.69 | 8.45 | 37.38 | 8.90 |
| | 35 | 20.79 | 4.73 | 24.54 | 5.87 | 28.20 | 7.12 | 30.15 | 7.78 | 32.02 | 8.45 | 35.30 | 9.73 | 35.99 | 9.82 |
| | 41 | 20.79 | 5.44 | 24.54 | 6.84 | 28.20 | 8.26 | 30.15 | 9.09 | 32.02 | 9.73 | 33.91 | 10.56 | 34.40 | 10.56 |
| | 43 | 20.79 | 5.65 | 24.54 | 7.43 | 28.20 | 8.81 | 30.15 | 9.52 | 32.02 | 10.01 | 33.11 | 10.74 | 33.61 | 10.74 |
| 80% | -5 | 18.48 | 2.42 | 21.81 | 2.88 | 25.06 | 3.34 | 26.80 | 3.62 | 28.36 | 3.77 | 31.73 | 4.29 | 35.10 | 4.62 |
| | 0 | 18.48 | 2.45 | 21.81 | 2.91 | 25.06 | 3.38 | 26.80 | 3.66 | 28.36 | 3.82 | 31.73 | 4.33 | 35.10 | 4.68 |
| | 5 | 18.48 | 2.50 | 21.81 | 2.96 | 25.06 | 3.43 | 26.80 | 3.72 | 28.36 | 3.88 | 31.73 | 4.40 | 35.10 | 4.76 |
| | 10 | 18.48 | 2.53 | 21.81 | 3.00 | 25.06 | 3.50 | 26.80 | 3.81 | 28.36 | 3.99 | 31.73 | 4.52 | 35.10 | 5.03 |
| | 15 | 18.48 | 2.63 | 21.81 | 3.13 | 25.06 | 3.65 | 26.80 | 3.90 | 28.36 | 4.17 | 31.73 | 4.72 | 35.10 | 5.26 |
| | 20 | 18.48 | 2.74 | 21.81 | 3.27 | 25.06 | 3.81 | 26.80 | 4.09 | 28.36 | 4.37 | 31.73 | 5.03 | 35.10 | 5.80 |
| | 25 | 18.48 | 2.96 | 21.81 | 3.64 | 25.06 | 4.37 | 26.80 | 4.76 | 28.36 | 5.16 | 31.73 | 6.02 | 35.10 | 6.93 |
| | 30 | 18.48 | 3.49 | 21.81 | 4.29 | 25.06 | 5.16 | 26.80 | 5.63 | 28.36 | 6.11 | 31.73 | 7.13 | 35.10 | 8.26 |
| | 35 | 18.48 | 4.09 | 21.81 | 5.02 | 25.06 | 6.06 | 26.80 | 6.61 | 28.36 | 7.18 | 31.73 | 8.35 | 35.10 | 9.73 |
| | 41 | 18.48 | 4.62 | 21.81 | 5.98 | 25.06 | 7.05 | 26.80 | 7.68 | 28.36 | 8.35 | 31.73 | 9.64 | 33.51 | 10.37 |
| | 43 | 18.48 | 4.93 | 21.81 | 5.98 | 25.06 | 7.62 | 26.80 | 8.16 | 28.36 | 8.72 | 31.73 | 10.01 | 31.92 | 10.56 |
| 70% | -5 | 16.17 | 2.09 | 19.09 | 2.50 | 21.93 | 2.79 | 23.45 | 3.13 | 24.89 | 3.25 | 27.76 | 3.69 | 30.74 | 3.98 |
| | 0 | 16.17 | 2.12 | 19.09 | 2.52 | 21.93 | 2.83 | 23.45 | 3.17 | 24.89 | 3.29 | 27.76 | 3.74 | 30.74 | 4.04 |
| | 5 | 16.17 | 2.17 | 19.09 | 2.57 | 21.93 | 2.88 | 23.45 | 3.22 | 24.89 | 3.36 | 27.76 | 3.80 | 30.74 | 4.11 |
| | 10 | 16.17 | 2.21 | 19.09 | 2.61 | 21.93 | 3.02 | 23.45 | 3.24 | 24.89 | 3.45 | 27.76 | 3.89 | 30.74 | 4.35 |
| | 15 | 16.17 | 2.30 | 19.09 | 2.72 | 21.93 | 3.16 | 23.45 | 3.38 | 24.89 | 3.60 | 27.76 | 4.07 | 30.74 | 4.54 |
| | 20 | 16.17 | 2.40 | 19.09 | 2.84 | 21.93 | 3.30 | 23.45 | 3.53 | 24.89 | 3.76 | 27.76 | 4.26 | 30.74 | 4.80 |
| | 25 | 16.17 | 2.52 | 19.09 | 3.08 | 21.93 | 3.67 | 23.45 | 3.98 | 24.89 | 4.31 | 27.76 | 5.00 | 30.74 | 5.74 |
| | 30 | 16.17 | 2.97 | 19.09 | 3.61 | 21.93 | 4.33 | 23.45 | 4.71 | 24.89 | 5.10 | 27.76 | 5.92 | 30.74 | 6.80 |
| | 35 | 16.17 | 3.47 | 19.09 | 4.24 | 21.93 | 5.09 | 23.45 | 5.53 | 24.89 | 5.99 | 27.76 | 6.96 | 30.74 | 7.99 |
| | 41 | 16.17 | 3.96 | 19.09 | 4.93 | 21.93 | 5.94 | 23.45 | 6.44 | 24.89 | 6.97 | 27.76 | 8.08 | 30.74 | 9.36 |
| | 43 | 16.17 | 4.25 | 19.09 | 5.33 | 21.93 | 6.43 | 23.45 | 7.03 | 24.89 | 7.56 | 27.76 | 8.45 | 30.74 | 9.73 |
| 60% | -5 | 13.86 | 1.80 | 16.36 | 2.14 | 18.80 | 2.43 | 20.10 | 2.63 | 21.42 | 2.75 | 23.79 | 3.00 | 26.27 | 3.31 |
| | 0 | 13.86 | 1.83 | 16.36 | 2.17 | 18.80 | 2.47 | 20.10 | 2.67 | 21.42 | 2.80 | 23.79 | 3.05 | 26.27 | 3.37 |
| | 5 | 13.86 | 1.87 | 16.36 | 2.21 | 18.80 | 2.52 | 20.10 | 2.73 | 21.42 | 2.86 | 23.79 | 3.11 | 26.27 | 3.44 |
| | 10 | 13.86 | 1.91 | 16.36 | 2.24 | 18.80 | 2.57 | 20.10 | 2.85 | 21.42 | 2.94 | 23.79 | 3.30 | 26.27 | 3.67 |
| | 15 | 13.86 | 1.98 | 16.36 | 2.32 | 18.80 | 2.68 | 20.10 | 2.86 | 21.42 | 3.07 | 23.79 | 3.43 | 26.27 | 3.83 |
| | 20 | 13.86 | 2.07 | 16.36 | 2.42 | 18.80 | 2.80 | 20.10 | 2.99 | 21.42 | 3.19 | 23.79 | 3.59 | 26.27 | 4.00 |
| | 25 | 13.86 | 2.15 | 16.36 | 2.55 | 18.80 | 3.02 | 20.10 | 3.28 | 21.42 | 3.53 | 23.79 | 4.08 | 26.27 | 4.65 |
| | 30 | 13.86 | 2.50 | 16.36 | 3.01 | 18.80 | 4.54 | 20.10 | 3.86 | 21.42 | 4.15 | 23.79 | 4.81 | 26.27 | 5.49 |
| | 35 | 13.86 | 2.90 | 16.36 | 3.52 | 18.80 | 4.18 | 20.10 | 4.53 | 21.42 | 4.88 | 23.79 | 5.65 | 26.27 | 6.44 |
| | 41 | 13.86 | 3.38 | 16.36 | 3.08 | 18.80 | 4.81 | 20.10 | 4.96 | 21.42 | 5.67 | 23.79 | 6.57 | 26.27 | 7.53 |
| | 43 | 13.86 | 3.67 | 16.36 | 3.38 | 18.80 | 5.00 | 20.10 | 5.43 | 21.42 | 6.16 | 23.79 | 7.16 | 26.27 | 7.68 |
| 50% | -5 | 11.55 | 1.51 | 13.63 | 1.77 | 15.66 | 2.03 | 16.75 | 2.17 | 17.75 | 2.27 | 19.83 | 2.51 | 21.91 | 2.81 |
| | 0 | 11.55 | 1.54 | 13.63 | 1.80 | 15.66 | 2.06 | 16.75 | 2.21 | 17.75 | 2.31 | 19.83 | 2.56 | 21.91 | 2.86 |
| | 5 | 11.55 | 1.59 | 13.63 | 1.85 | 15.66 | 2.12 | 16.75 | 2.27 | 17.75 | 2.38 | 19.83 | 2.63 | 21.91 | 2.94 |
| | 10 | 11.55 | 1.62 | 13.63 | 1.87 | 15.66 | 2.15 | 16.75 | 2.29 | 17.75 | 2.42 | 19.83 | 2.72 | 21.91 | 3.01 |
| | 15 | 11.55 | 1.67 | 13.63 | 1.95 | 15.66 | 2.23 | 16.75 | 2.38 | 17.75 | 2.52 | 19.83 | 2.83 | 21.91 | 3.14 |
| | 20 | 11.55 | 1.74 | 13.63 | 2.02 | 15.66 | 2.32 | 16.75 | 2.49 | 17.75 | 2.64 | 19.83 | 2.96 | 21.91 | 3.29 |
| | 25 | 11.55 | 1.81 | 13.63 | 2.11 | 15.66 | 2.43 | 16.75 | 2.63 | 17.75 | 2.82 | 19.83 | 3.23 | 21.91 | 3.65 |
| | 30 | 11.55 | 2.06 | 13.63 | 2.44 | 15.66 | 2.86 | 16.75 | 3.09 | 17.75 | 3.32 | 19.83 | 3.80 | 21.91 | 4.31 |
| | 35 | 11.55 | 2.39 | 13.63 | 2.85 | 15.66 | 3.36 | 16.75 | 3.61 | 17.75 | 3.88 | 19.83 | 4.45 | 21.91 | 5.05 |
| | 41 | 11.55 | 2.78 | 13.63 | 3.30 | 15.66 | 3.87 | 16.75 | 4.17 | 17.75 | 4.52 | 19.83 | 5.32 | 21.91 | 5.95 |
| | 43 | 11.55 | 3.08 | 13.63 | 3.60 | 15.66 | 4.18 | 16.75 | 4.76 | 17.75 | 4.89 | 19.83 | 5.62 | 21.91 | 6.62 |

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

| Capacity Factor (%) | YCV400HR | | | | | | | | | | Cooling Capacity | | | | | | |
|---------------------|----------------------|-----------------------|-------|-------|-------|---------|-------|-------|-------|---------|------------------|-----------|-------|---------|-------|---------|----|
| | Outdoor Temp (°C WB) | Indoor Temp. (°C WB) | | | | | | | | | | | | | | | |
| | | 14 (°C) | | | | 16 (°C) | | | | 18 (°C) | | 19.4 (°C) | | 20 (°C) | | 22 (°C) | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | kW | kW | kW | kW | kW | TC | PI | TC | PI |
| 130% | -5 | 36.03 | 5.64 | 42.50 | 6.93 | 48.96 | 8.17 | 52.35 | 9.27 | 54.44 | 9.01 | 56.03 | 8.17 | 56.93 | 7.30 | | |
| | 0 | 36.03 | 5.67 | 42.50 | 6.96 | 48.96 | 8.21 | 52.35 | 9.31 | 54.44 | 9.06 | 56.03 | 8.22 | 56.93 | 7.37 | | |
| | 5 | 36.03 | 5.73 | 42.50 | 7.01 | 48.96 | 8.28 | 52.35 | 9.38 | 54.44 | 9.14 | 56.03 | 8.30 | 56.93 | 7.46 | | |
| | 10 | 36.03 | 6.03 | 42.50 | 7.35 | 48.96 | 8.69 | 52.35 | 9.35 | 52.85 | 9.18 | 54.04 | 8.76 | 55.33 | 8.33 | | |
| | 15 | 36.03 | 6.34 | 42.50 | 7.69 | 48.96 | 9.10 | 50.56 | 9.34 | 51.25 | 9.24 | 52.35 | 9.23 | 53.74 | 9.27 | | |
| | 20 | 36.03 | 6.68 | 42.50 | 8.59 | 48.47 | 10.48 | 48.96 | 10.52 | 49.46 | 10.57 | 50.76 | 10.68 | 51.95 | 10.78 | | |
| | 25 | 36.03 | 8.10 | 42.50 | 10.39 | 46.68 | 11.87 | 47.17 | 11.98 | 47.87 | 11.98 | 49.16 | 12.08 | 50.36 | 12.19 | | |
| | 30 | 36.03 | 9.61 | 42.50 | 12.41 | 45.08 | 13.38 | 45.58 | 13.38 | 46.28 | 13.38 | 47.37 | 13.49 | 48.76 | 14.03 | | |
| | 35 | 36.03 | 11.54 | 42.20 | 14.57 | 43.49 | 14.78 | 43.99 | 14.78 | 44.59 | 14.89 | 45.78 | 15.00 | 47.07 | 15.21 | | |
| | 41 | 36.03 | 12.95 | 40.80 | 15.54 | 41.90 | 15.75 | 42.50 | 15.86 | 43.19 | 15.97 | 44.19 | 16.29 | 45.58 | 16.40 | | |
| | 43 | 36.03 | 14.13 | 39.81 | 16.08 | 40.90 | 16.29 | 41.60 | 16.62 | 42.30 | 16.83 | 43.29 | 17.07 | 44.59 | 17.86 | | |
| 120% | -5 | 33.24 | 5.24 | 39.21 | 6.27 | 45.28 | 7.03 | 48.07 | 7.99 | 51.75 | 8.67 | 54.74 | 8.80 | 55.83 | 8.11 | | |
| | 0 | 33.24 | 5.28 | 39.21 | 6.30 | 45.28 | 7.08 | 48.07 | 8.04 | 51.75 | 8.73 | 54.74 | 8.86 | 55.83 | 8.18 | | |
| | 5 | 33.24 | 5.33 | 39.21 | 6.36 | 45.28 | 7.14 | 48.07 | 8.10 | 51.75 | 8.80 | 54.74 | 8.93 | 55.83 | 8.26 | | |
| | 10 | 33.24 | 5.47 | 39.21 | 6.68 | 45.28 | 7.90 | 48.07 | 8.51 | 51.05 | 9.14 | 53.24 | 9.06 | 54.24 | 8.67 | | |
| | 15 | 33.24 | 5.74 | 39.21 | 7.01 | 45.28 | 8.31 | 48.07 | 8.93 | 50.56 | 9.38 | 51.65 | 9.20 | 52.65 | 9.08 | | |
| | 20 | 33.24 | 6.03 | 39.21 | 7.60 | 45.28 | 9.44 | 48.07 | 10.42 | 48.76 | 10.51 | 49.86 | 10.60 | 50.95 | 10.69 | | |
| | 25 | 33.24 | 7.20 | 39.21 | 9.20 | 45.28 | 11.42 | 46.48 | 11.87 | 47.17 | 11.87 | 48.27 | 12.08 | 49.36 | 12.08 | | |
| | 30 | 33.24 | 8.45 | 39.21 | 11.01 | 44.19 | 13.16 | 44.88 | 13.27 | 45.58 | 13.38 | 46.48 | 13.49 | 47.57 | 13.59 | | |
| | 35 | 33.24 | 10.23 | 39.21 | 13.06 | 42.59 | 14.67 | 43.29 | 14.67 | 43.89 | 14.78 | 44.88 | 14.89 | 45.98 | 15.11 | | |
| | 41 | 33.24 | 11.65 | 39.21 | 15.21 | 41.00 | 15.54 | 41.60 | 15.64 | 42.30 | 15.64 | 43.29 | 16.29 | 44.39 | 16.29 | | |
| | 43 | 33.24 | 12.52 | 39.21 | 15.97 | 40.21 | 16.08 | 40.70 | 16.29 | 41.20 | 16.62 | 42.30 | 16.94 | 43.49 | 17.14 | | |
| 110% | -5 | 30.45 | 4.59 | 36.03 | 5.64 | 41.40 | 6.68 | 43.99 | 7.26 | 46.87 | 7.73 | 53.94 | 9.30 | 55.13 | 8.73 | | |
| | 0 | 30.45 | 4.63 | 36.03 | 5.67 | 41.40 | 6.72 | 43.99 | 7.30 | 46.87 | 7.79 | 53.94 | 9.35 | 55.13 | 8.79 | | |
| | 5 | 30.45 | 4.68 | 36.03 | 5.73 | 41.40 | 6.79 | 43.99 | 7.37 | 46.87 | 7.87 | 53.94 | 9.43 | 55.13 | 8.88 | | |
| | 10 | 30.45 | 4.92 | 36.03 | 6.02 | 41.40 | 7.13 | 43.99 | 7.69 | 46.87 | 8.26 | 52.35 | 9.38 | 53.34 | 9.03 | | |
| | 15 | 30.45 | 5.16 | 36.03 | 6.31 | 41.40 | 7.48 | 43.99 | 8.02 | 46.87 | 8.65 | 50.56 | 9.32 | 51.65 | 9.18 | | |
| | 20 | 30.45 | 5.44 | 36.03 | 6.65 | 41.40 | 8.26 | 43.99 | 9.10 | 46.87 | 9.99 | 48.96 | 10.52 | 50.06 | 10.61 | | |
| | 25 | 30.45 | 6.34 | 36.03 | 8.07 | 41.40 | 9.99 | 43.99 | 11.86 | 45.58 | 12.41 | 46.68 | 12.52 | 47.77 | 12.62 | | |
| | 30 | 30.45 | 7.61 | 36.03 | 9.67 | 41.40 | 11.98 | 43.99 | 13.06 | 44.39 | 13.27 | 45.58 | 13.38 | 46.68 | 13.49 | | |
| | 35 | 30.45 | 9.01 | 36.03 | 11.47 | 41.40 | 14.24 | 42.50 | 14.57 | 42.99 | 14.67 | 43.99 | 14.78 | 45.08 | 15.00 | | |
| | 41 | 30.45 | 10.46 | 36.03 | 13.38 | 40.21 | 15.75 | 40.90 | 15.86 | 41.40 | 15.75 | 42.30 | 16.08 | 43.49 | 16.40 | | |
| | 43 | 30.45 | 11.33 | 36.03 | 14.24 | 39.11 | 15.64 | 40.01 | 16.08 | 40.50 | 16.51 | 41.40 | 16.72 | 42.50 | 17.05 | | |
| 100% | -5 | 27.67 | 4.26 | 32.64 | 5.02 | 37.52 | 6.03 | 40.00 | 6.44 | 42.59 | 6.88 | 47.57 | 7.85 | 54.04 | 9.28 | | |
| | 0 | 27.67 | 4.29 | 32.64 | 5.05 | 37.52 | 6.07 | 40.00 | 6.48 | 42.59 | 6.94 | 47.57 | 7.91 | 54.04 | 9.34 | | |
| | 5 | 27.67 | 4.35 | 32.64 | 5.10 | 37.52 | 6.14 | 40.00 | 6.55 | 42.59 | 7.01 | 47.57 | 7.98 | 54.04 | 9.43 | | |
| | 10 | 27.67 | 4.39 | 32.64 | 5.36 | 37.52 | 6.36 | 40.00 | 6.87 | 42.59 | 7.37 | 47.57 | 8.39 | 52.35 | 9.38 | | |
| | 15 | 27.67 | 4.60 | 32.64 | 5.62 | 37.52 | 6.67 | 40.00 | 7.20 | 42.59 | 7.73 | 47.57 | 8.80 | 50.56 | 9.32 | | |
| | 20 | 27.67 | 4.83 | 32.64 | 5.91 | 37.52 | 7.13 | 40.00 | 7.87 | 42.59 | 8.62 | 47.57 | 10.23 | 48.96 | 10.52 | | |
| | 25 | 27.67 | 5.51 | 32.64 | 7.01 | 37.52 | 8.65 | 40.00 | 9.53 | 42.59 | 10.43 | 46.48 | 11.87 | 47.37 | 11.98 | | |
| | 30 | 27.67 | 6.60 | 32.64 | 8.39 | 37.52 | 10.35 | 40.00 | 11.39 | 42.59 | 12.41 | 44.78 | 13.27 | 45.58 | 13.38 | | |
| | 35 | 27.67 | 7.87 | 32.64 | 9.97 | 37.52 | 12.29 | 40.00 | 12.30 | 42.30 | 14.57 | 43.19 | 14.67 | 43.99 | 14.78 | | |
| | 41 | 27.67 | 9.10 | 32.64 | 11.44 | 37.52 | 14.27 | 39.62 | 15.08 | 40.70 | 15.86 | 41.60 | 15.97 | 42.50 | 16.08 | | |
| | 43 | 27.67 | 9.97 | 32.64 | 12.41 | 37.52 | 15.15 | 39.33 | 15.70 | 39.61 | 16.08 | 40.70 | 16.40 | 41.60 | 16.72 | | |

To be continued

Continued

| YCV400HR | | | | | | | | | | | | Cooling Capacity | | | | | | | | | |
|---------------------|----------------------|----------------------|------|---------|-------|---------|-------|-----------|-------|---------|-------|------------------|-------|---------|-------|----|----|----|----|--|--|
| Capacity Factor (%) | Outdoor Temp (°C WB) | Indoor Temp. (°C WB) | | | | | | | | | | | | | | | | | | | |
| | | 14 (°C) | | 16 (°C) | | 18 (°C) | | 19.4 (°C) | | 20 (°C) | | 22 (°C) | | 24 (°C) | | | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | kW | kW | kW | kW | | |
| 90% | -5 | 24.90 | 3.56 | 29.38 | 4.40 | 33.77 | 5.24 | 36.00 | 5.65 | 38.41 | 6.04 | 42.79 | 6.95 | 47.17 | 7.80 | | | | | | |
| | 0 | 24.90 | 3.59 | 29.38 | 4.43 | 33.77 | 5.29 | 36.00 | 5.70 | 38.41 | 6.09 | 42.79 | 7.00 | 47.17 | 7.86 | | | | | | |
| | 5 | 24.90 | 3.65 | 29.38 | 4.49 | 33.77 | 5.35 | 36.00 | 5.76 | 38.41 | 6.17 | 42.79 | 7.08 | 47.17 | 7.95 | | | | | | |
| | 10 | 24.90 | 3.85 | 29.38 | 4.72 | 33.77 | 5.60 | 36.00 | 6.05 | 38.41 | 6.50 | 42.79 | 7.42 | 47.17 | 8.35 | | | | | | |
| | 15 | 24.90 | 4.06 | 29.38 | 4.93 | 33.77 | 5.86 | 36.00 | 6.34 | 38.41 | 6.82 | 42.79 | 7.77 | 47.17 | 8.74 | | | | | | |
| | 20 | 24.90 | 4.27 | 29.38 | 5.19 | 33.77 | 6.17 | 36.00 | 6.70 | 38.41 | 7.34 | 42.79 | 8.69 | 47.17 | 10.13 | | | | | | |
| | 25 | 24.90 | 4.75 | 29.38 | 6.02 | 33.77 | 7.39 | 36.00 | 8.12 | 38.41 | 8.89 | 42.79 | 10.52 | 46.28 | 11.87 | | | | | | |
| | 30 | 24.90 | 5.71 | 29.38 | 7.22 | 33.77 | 8.86 | 36.00 | 9.73 | 38.41 | 10.64 | 42.79 | 12.62 | 44.78 | 13.27 | | | | | | |
| | 35 | 24.90 | 6.79 | 29.38 | 8.56 | 33.77 | 10.51 | 36.00 | 11.54 | 38.41 | 12.62 | 42.30 | 14.57 | 43.19 | 14.67 | | | | | | |
| | 41 | 24.90 | 7.81 | 29.38 | 9.90 | 33.77 | 12.19 | 36.00 | 12.62 | 38.41 | 14.67 | 40.70 | 15.86 | 41.20 | 15.97 | | | | | | |
| | 43 | 24.90 | 8.71 | 29.38 | 10.52 | 33.77 | 13.06 | 36.00 | 14.03 | 38.41 | 15.00 | 39.61 | 15.32 | 40.31 | 16.40 | | | | | | |
| 80% | -5 | 22.13 | 3.12 | 26.11 | 3.82 | 30.02 | 4.50 | 32.00 | 4.88 | 34.04 | 5.23 | 38.02 | 6.01 | 42.10 | 6.74 | | | | | | |
| | 0 | 22.13 | 3.15 | 26.11 | 3.85 | 30.02 | 4.54 | 32.00 | 4.92 | 34.04 | 5.29 | 38.02 | 6.06 | 42.10 | 6.81 | | | | | | |
| | 5 | 22.13 | 3.20 | 26.11 | 3.91 | 30.02 | 4.61 | 32.00 | 4.98 | 34.04 | 5.36 | 38.02 | 6.14 | 42.10 | 6.89 | | | | | | |
| | 10 | 22.13 | 3.36 | 26.11 | 4.10 | 30.02 | 4.86 | 32.00 | 5.24 | 34.04 | 5.64 | 38.02 | 6.44 | 42.10 | 7.25 | | | | | | |
| | 15 | 22.13 | 3.52 | 26.11 | 4.28 | 30.02 | 5.09 | 32.00 | 5.50 | 34.04 | 5.91 | 38.02 | 6.75 | 42.10 | 7.61 | | | | | | |
| | 20 | 22.13 | 3.70 | 26.11 | 4.51 | 30.02 | 5.35 | 32.00 | 5.77 | 34.04 | 6.23 | 38.02 | 7.25 | 42.10 | 8.79 | | | | | | |
| | 25 | 22.13 | 4.02 | 26.11 | 5.07 | 30.02 | 6.23 | 32.00 | 6.82 | 34.04 | 7.46 | 38.02 | 8.79 | 42.10 | 11.01 | | | | | | |
| | 30 | 22.13 | 4.86 | 26.11 | 6.10 | 30.02 | 7.46 | 32.00 | 8.19 | 34.04 | 8.93 | 38.02 | 10.52 | 42.10 | 12.19 | | | | | | |
| | 35 | 22.13 | 5.77 | 26.11 | 7.25 | 30.02 | 8.86 | 32.00 | 9.72 | 34.04 | 10.61 | 38.02 | 12.52 | 42.10 | 14.46 | | | | | | |
| | 41 | 22.13 | 6.81 | 26.11 | 8.35 | 30.02 | 10.23 | 32.00 | 11.26 | 34.04 | 12.41 | 38.02 | 14.57 | 40.21 | 15.75 | | | | | | |
| | 43 | 22.13 | 7.93 | 26.11 | 9.12 | 30.02 | 10.89 | 32.00 | 12.30 | 34.04 | 13.59 | 38.02 | 15.00 | 38.22 | 16.18 | | | | | | |
| 70% | -5 | 19.37 | 2.64 | 22.85 | 3.22 | 26.26 | 3.82 | 28.00 | 4.12 | 29.76 | 4.44 | 33.34 | 5.09 | 36.82 | 4.03 | | | | | | |
| | 0 | 19.37 | 2.67 | 22.85 | 3.26 | 26.26 | 3.86 | 28.00 | 4.16 | 29.76 | 4.50 | 33.34 | 5.15 | 36.82 | 4.10 | | | | | | |
| | 5 | 19.37 | 2.73 | 22.85 | 3.31 | 26.26 | 3.93 | 28.00 | 4.23 | 29.76 | 4.57 | 33.34 | 5.22 | 36.82 | 4.19 | | | | | | |
| | 10 | 19.37 | 2.86 | 22.85 | 3.47 | 26.26 | 4.13 | 28.00 | 4.46 | 29.76 | 4.80 | 33.34 | 5.48 | 36.82 | 6.18 | | | | | | |
| | 15 | 19.37 | 3.00 | 22.85 | 3.65 | 26.26 | 4.34 | 28.00 | 4.68 | 29.76 | 5.02 | 33.34 | 5.74 | 36.82 | 6.47 | | | | | | |
| | 20 | 19.37 | 3.15 | 22.85 | 3.84 | 26.26 | 4.56 | 28.00 | 4.92 | 29.76 | 5.30 | 33.34 | 6.05 | 36.82 | 6.89 | | | | | | |
| | 25 | 19.37 | 3.34 | 22.85 | 4.20 | 26.26 | 5.13 | 28.00 | 5.62 | 29.76 | 6.14 | 33.34 | 7.22 | 36.82 | 8.35 | | | | | | |
| | 30 | 19.37 | 4.05 | 22.85 | 5.06 | 26.26 | 6.17 | 28.00 | 6.75 | 29.76 | 7.35 | 33.34 | 8.64 | 36.82 | 9.99 | | | | | | |
| | 35 | 19.37 | 4.83 | 22.85 | 6.02 | 26.26 | 7.32 | 28.00 | 8.02 | 29.76 | 8.72 | 33.34 | 10.25 | 36.82 | 11.87 | | | | | | |
| | 41 | 19.37 | 5.51 | 22.85 | 6.82 | 26.26 | 8.45 | 28.00 | 9.10 | 29.76 | 10.10 | 33.34 | 11.87 | 36.82 | 13.81 | | | | | | |
| | 43 | 19.37 | 5.86 | 22.85 | 7.19 | 26.26 | 9.39 | 28.00 | 10.15 | 29.76 | 10.92 | 33.34 | 12.95 | 36.82 | 15.11 | | | | | | |
| 60% | -5 | 16.60 | 2.18 | 19.59 | 2.67 | 22.51 | 3.15 | 24.00 | 3.44 | 25.68 | 3.66 | 28.56 | 4.18 | 31.55 | 4.71 | | | | | | |
| | 0 | 16.60 | 2.21 | 19.59 | 2.71 | 22.51 | 3.19 | 24.00 | 3.48 | 25.68 | 3.71 | 28.56 | 4.24 | 31.55 | 4.78 | | | | | | |
| | 5 | 16.60 | 2.27 | 19.59 | 2.76 | 22.51 | 3.26 | 24.00 | 3.55 | 25.68 | 3.79 | 28.56 | 4.32 | 31.55 | 4.87 | | | | | | |
| | 10 | 16.60 | 2.38 | 19.59 | 2.89 | 22.51 | 3.43 | 24.00 | 3.70 | 25.68 | 3.98 | 28.56 | 4.54 | 31.55 | 5.13 | | | | | | |
| | 15 | 16.60 | 2.50 | 19.59 | 3.03 | 22.51 | 3.60 | 24.00 | 3.90 | 25.68 | 4.16 | 28.56 | 4.77 | 31.55 | 5.38 | | | | | | |
| | 20 | 16.60 | 2.62 | 19.59 | 3.18 | 22.51 | 3.77 | 24.00 | 4.08 | 25.68 | 4.39 | 28.56 | 5.02 | 31.55 | 5.65 | | | | | | |
| | 25 | 16.60 | 2.76 | 19.59 | 3.40 | 22.51 | 4.13 | 24.00 | 4.51 | 25.68 | 4.92 | 28.56 | 5.76 | 31.55 | 6.65 | | | | | | |
| | 30 | 16.60 | 3.29 | 19.59 | 4.11 | 22.51 | 4.98 | 24.00 | 5.44 | 25.68 | 5.91 | 28.56 | 6.91 | 31.55 | 7.97 | | | | | | |
| | 35 | 16.60 | 3.94 | 19.59 | 4.90 | 22.51 | 5.91 | 24.00 | 6.46 | 25.68 | 7.02 | 28.56 | 8.19 | 31.55 | 9.46 | | | | | | |
| | 41 | 16.60 | 4.49 | 19.59 | 5.57 | 22.51 | 6.79 | 24.00 | 7.42 | 25.68 | 8.09 | 28.56 | 9.47 | 31.55 | 10.97 | | | | | | |
| | 43 | 16.60 | 4.90 | 19.59 | 5.69 | 22.51 | 7.40 | 24.00 | 8.30 | 25.68 | 8.86 | 28.56 | 10.19 | 31.55 | 12.00 | | | | | | |
| 50% | -5 | 13.83 | 1.75 | 16.32 | 2.18 | 18.76 | 2.51 | 20.00 | 2.66 | 21.30 | 2.89 | 23.79 | 3.34 | 26.27 | 3.75 | | | | | | |
| | 0 | 13.83 | 1.78 | 16.32 | 2.21 | 18.76 | 2.56 | 20.00 | 2.71 | 21.30 | 2.94 | 23.79 | 3.40 | 26.27 | 3.82 | | | | | | |
| | 5 | 13.83 | 1.83 | 16.32 | 2.27 | 18.76 | 2.62 | 20.00 | 2.77 | 21.30 | 3.02 | 23.79 | 3.47 | 26.27 | 3.91 | | | | | | |
| | 10 | 13.83 | 1.92 | 16.32 | 2.33 | 18.76 | 2.76 | 20.00 | 2.97 | 21.30 | 3.18 | 23.79 | 3.65 | 26.27 | 4.11 | | | | | | |
| | 15 | 13.83 | 2.01 | 16.32 | 2.40 | 18.76 | 2.89 | 20.00 | 3.12 | 21.30 | 3.36 | 23.79 | 3.82 | 26.27 | 4.32 | | | | | | |
| | 20 | 13.83 | 2.10 | 16.32 | 2.57 | 18.76 | 3.03 | 20.00 | 3.27 | 21.30 | 3.52 | 23.79 | 4.02 | 26.27 | 4.54 | | | | | | |
| | 25 | 13.83 | 2.22 | 16.32 | 2.69 | 18.76 | 3.20 | 20.00 | 3.50 | 21.30 | 3.81 | 23.79 | 4.43 | 26.27 | 5.10 | | | | | | |
| | 30 | 13.83 | 2.60 | 16.32 | 3.23 | 18.76 | 3.87 | 20.00 | 4.23 | 21.30 | 4.60 | 23.79 | 5.36 | 26.27 | 6.14 | | | | | | |
| | 35 | 13.83 | 3.14 | 16.32 | 3.85 | 18.76 | 4.64 | 20.00 | 5.04 | 21.30 | 5.47 | 23.79 | 6.36 | 26.27 | 7.28 | | | | | | |
| | 41 | 13.83 | 3.56 | 16.32 | 4.10 | 18.76 | 5.30 | 20.00 | 5.77 | 21.30 | 6.27 | 23.79 | 7.30 | 26.27 | 8.39 | | | | | | |
| | 43 | 13.83 | 3.98 | 16.32 | 4.51 | 18.76 | 5.80 | 20.00 | 6.29 | 21.30 | 6.79 | 23.79 | 7.97 | 26.27 | 9.17 | | | | | | |

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

| | | YCV450HR | | | | | | Cooling Capacity | | | | | | | |
|---------------------|----------------------|-----------------------|-------|---------|-------|---------|-------|------------------|-------|---------|-------|---------|-------|---------|-------|
| Capacity Factor (%) | Outdoor Temp (°C WB) | Indoor Temp. (°C WB) | | | | | | | | | | | | | |
| | | 14 (°C) | | 16 (°C) | | 18 (°C) | | 19.4 (°C) | | 20 (°C) | | 22 (°C) | | 24 (°C) | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| | | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| 130% | -5 | 41.97 | 6.29 | 49.60 | 7.72 | 57.12 | 9.11 | 60.94 | 10.33 | 63.41 | 10.05 | 65.27 | 9.11 | 66.61 | 8.15 |
| | 0 | 41.97 | 6.32 | 49.60 | 7.75 | 57.12 | 9.15 | 60.94 | 10.37 | 63.41 | 10.10 | 65.27 | 9.16 | 66.61 | 8.22 |
| | 5 | 41.97 | 6.38 | 49.60 | 7.81 | 57.12 | 9.22 | 60.94 | 10.44 | 63.41 | 10.18 | 65.27 | 9.24 | 66.61 | 8.30 |
| | 10 | 41.97 | 6.72 | 49.60 | 8.19 | 57.12 | 9.68 | 60.94 | 10.43 | 61.56 | 10.23 | 63.00 | 9.75 | 64.75 | 9.28 |
| | 15 | 41.97 | 7.06 | 49.60 | 8.58 | 57.12 | 10.13 | 58.88 | 10.41 | 59.70 | 10.29 | 60.94 | 10.27 | 62.90 | 10.32 |
| | 20 | 41.97 | 7.45 | 49.60 | 9.56 | 56.50 | 11.66 | 57.12 | 11.72 | 57.74 | 11.77 | 59.08 | 11.89 | 60.84 | 12.01 |
| | 25 | 41.97 | 9.03 | 49.60 | 11.56 | 54.44 | 13.26 | 55.06 | 13.26 | 55.89 | 13.36 | 57.33 | 13.47 | 58.98 | 13.68 |
| | 30 | 41.97 | 10.71 | 49.60 | 13.86 | 52.59 | 14.94 | 53.21 | 14.94 | 54.03 | 14.94 | 55.27 | 15.05 | 57.12 | 15.57 |
| | 35 | 41.97 | 12.84 | 49.18 | 16.20 | 50.73 | 16.41 | 51.35 | 16.52 | 51.97 | 16.63 | 53.41 | 16.73 | 55.06 | 16.94 |
| | 41 | 41.97 | 14.52 | 47.53 | 17.36 | 48.87 | 17.57 | 49.49 | 17.68 | 50.32 | 17.78 | 51.56 | 18.10 | 53.41 | 18.31 |
| | 43 | 41.97 | 15.68 | 46.40 | 17.89 | 47.64 | 18.20 | 48.46 | 18.52 | 49.29 | 18.73 | 50.52 | 19.00 | 52.17 | 19.28 |
| 120% | -5 | 38.77 | 5.85 | 45.68 | 7.00 | 52.79 | 7.86 | 56.09 | 8.92 | 60.32 | 9.68 | 63.83 | 9.82 | 65.37 | 9.05 |
| | 0 | 38.77 | 5.88 | 45.68 | 7.03 | 52.79 | 7.90 | 56.09 | 8.96 | 60.32 | 9.73 | 63.83 | 9.87 | 65.37 | 9.11 |
| | 5 | 38.77 | 5.93 | 45.68 | 7.08 | 52.79 | 7.97 | 56.09 | 9.03 | 60.32 | 9.81 | 63.83 | 9.94 | 65.37 | 9.20 |
| | 10 | 38.77 | 6.09 | 45.68 | 7.45 | 52.79 | 8.80 | 56.09 | 9.49 | 59.50 | 10.18 | 61.97 | 10.10 | 63.52 | 9.66 |
| | 15 | 38.77 | 6.40 | 45.68 | 7.81 | 52.79 | 9.26 | 56.09 | 9.94 | 58.88 | 10.44 | 60.11 | 10.25 | 61.66 | 10.12 |
| | 20 | 38.77 | 6.72 | 45.68 | 8.46 | 52.79 | 10.52 | 56.09 | 11.61 | 56.92 | 11.70 | 58.05 | 11.80 | 59.60 | 11.91 |
| | 25 | 38.77 | 8.02 | 45.68 | 10.25 | 52.79 | 12.71 | 54.24 | 13.26 | 55.06 | 13.26 | 56.30 | 13.36 | 57.74 | 13.47 |
| | 30 | 38.77 | 9.41 | 45.68 | 12.26 | 51.56 | 14.73 | 52.38 | 14.84 | 53.21 | 14.84 | 54.24 | 15.05 | 55.68 | 15.15 |
| | 35 | 38.77 | 11.40 | 45.68 | 14.54 | 49.70 | 16.31 | 50.52 | 16.41 | 51.14 | 16.52 | 52.38 | 16.63 | 53.82 | 16.84 |
| | 41 | 38.77 | 13.05 | 45.68 | 16.94 | 47.84 | 17.36 | 48.46 | 17.36 | 49.29 | 17.36 | 50.52 | 18.10 | 51.97 | 18.10 |
| | 43 | 38.77 | 13.99 | 45.68 | 17.78 | 46.81 | 17.89 | 47.43 | 18.20 | 48.05 | 18.52 | 49.29 | 18.84 | 50.94 | 19.10 |
| 110% | -5 | 35.47 | 5.12 | 41.97 | 6.29 | 48.26 | 7.45 | 51.35 | 8.10 | 54.65 | 8.64 | 62.79 | 10.37 | 64.55 | 9.74 |
| | 0 | 35.47 | 5.16 | 41.97 | 6.32 | 48.26 | 7.49 | 51.35 | 8.14 | 54.65 | 8.69 | 62.79 | 10.43 | 64.55 | 9.81 |
| | 5 | 35.47 | 5.21 | 41.97 | 6.38 | 48.26 | 7.56 | 51.35 | 8.21 | 54.65 | 8.77 | 62.79 | 10.50 | 64.55 | 9.89 |
| | 10 | 35.47 | 5.48 | 41.97 | 6.70 | 48.26 | 7.94 | 51.35 | 8.58 | 54.65 | 9.20 | 60.94 | 10.44 | 62.49 | 10.06 |
| | 15 | 35.47 | 5.75 | 41.97 | 7.03 | 48.26 | 8.32 | 51.35 | 8.93 | 54.65 | 9.64 | 58.88 | 10.39 | 60.42 | 10.23 |
| | 20 | 35.47 | 6.05 | 41.97 | 7.41 | 48.26 | 9.20 | 51.35 | 10.13 | 54.65 | 11.13 | 57.12 | 11.72 | 58.57 | 11.82 |
| | 25 | 35.47 | 7.06 | 41.97 | 8.99 | 48.26 | 11.13 | 51.35 | 13.21 | 53.21 | 13.78 | 54.44 | 13.89 | 55.89 | 14.10 |
| | 30 | 35.47 | 8.48 | 41.97 | 10.76 | 48.26 | 13.36 | 51.35 | 14.63 | 51.76 | 14.73 | 53.21 | 14.94 | 54.65 | 15.05 |
| | 35 | 35.47 | 10.04 | 41.97 | 12.77 | 48.26 | 15.78 | 49.49 | 16.31 | 50.11 | 16.31 | 51.35 | 16.52 | 52.79 | 16.63 |
| | 41 | 35.47 | 11.65 | 41.97 | 14.87 | 46.81 | 17.57 | 47.64 | 17.68 | 48.26 | 17.57 | 49.29 | 17.99 | 50.94 | 18.31 |
| | 43 | 35.47 | 12.63 | 41.97 | 15.89 | 45.58 | 17.47 | 46.61 | 17.89 | 47.22 | 18.41 | 48.26 | 18.62 | 49.70 | 19.05 |
| 100% | -5 | 32.27 | 4.77 | 38.05 | 5.61 | 43.72 | 6.72 | 45.00 | 7.19 | 49.70 | 7.68 | 55.47 | 8.76 | 63.31 | 10.35 |
| | 0 | 32.27 | 4.80 | 38.05 | 5.64 | 43.72 | 6.77 | 45.00 | 7.23 | 49.70 | 7.73 | 55.47 | 8.82 | 63.31 | 10.42 |
| | 5 | 32.27 | 4.85 | 38.05 | 5.69 | 43.72 | 6.83 | 45.00 | 7.29 | 49.70 | 7.81 | 55.47 | 8.89 | 63.31 | 10.50 |
| | 10 | 32.27 | 4.88 | 38.05 | 5.98 | 43.72 | 7.08 | 45.00 | 7.65 | 49.70 | 8.21 | 55.47 | 9.35 | 61.25 | 10.44 |
| | 15 | 32.27 | 5.11 | 38.05 | 6.26 | 43.72 | 7.43 | 45.00 | 8.02 | 49.70 | 8.61 | 55.47 | 9.81 | 59.19 | 10.39 |
| | 20 | 32.27 | 5.39 | 38.05 | 6.59 | 43.72 | 7.94 | 45.00 | 8.77 | 49.70 | 9.61 | 55.47 | 11.40 | 57.33 | 11.72 |
| | 25 | 32.27 | 6.15 | 38.05 | 7.81 | 43.72 | 9.64 | 45.00 | 10.62 | 49.70 | 11.63 | 54.24 | 13.15 | 55.47 | 13.26 |
| | 30 | 32.27 | 7.34 | 38.05 | 9.35 | 43.72 | 11.53 | 45.00 | 12.69 | 49.70 | 13.78 | 52.17 | 14.73 | 53.41 | 14.94 |
| | 35 | 32.27 | 8.77 | 38.05 | 11.11 | 43.72 | 13.69 | 45.00 | 14.10 | 49.29 | 16.20 | 50.32 | 16.41 | 51.56 | 16.52 |
| | 41 | 32.27 | 10.13 | 38.05 | 12.80 | 43.72 | 15.90 | 44.80 | 16.84 | 47.43 | 17.68 | 48.46 | 17.78 | 49.70 | 17.99 |
| | 43 | 32.27 | 11.11 | 38.05 | 13.76 | 43.72 | 16.88 | 44.50 | 17.47 | 46.19 | 17.89 | 47.43 | 18.31 | 48.67 | 18.62 |

To be continued

Continued

| Capacity Factor (%) | | | YCV450HR | | | | | | | | | | | | Cooling Capacity | | | | | | | | |
|---------------------|----|-------|----------------------|----------------------|-------|---------|-------|---------|-------|-----------|-------|---------|-------|---------|------------------|---------|----|----|----|----|----|----|----|
| | | | Outdoor Temp (°C WB) | Indoor Temp. (°C WB) | | | | | | | | | | | | | | | | | | | |
| | | | | 14 (°C) | | 16 (°C) | | 18 (°C) | | 19.4 (°C) | | 20 (°C) | | 22 (°C) | | 24 (°C) | | | | | | | |
| | | | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| | | | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| 90% | -5 | 29.05 | 3.98 | 34.24 | 4.91 | 39.35 | 5.85 | 40.50 | 6.31 | 44.75 | 6.74 | 49.91 | 7.75 | 55.27 | 8.71 | | | | | | | | |
| | 0 | 29.05 | 4.01 | 34.24 | 4.95 | 39.35 | 5.89 | 40.50 | 6.36 | 44.75 | 6.80 | 49.91 | 7.81 | 55.27 | 8.78 | | | | | | | | |
| | 5 | 29.05 | 4.06 | 34.24 | 5.00 | 39.35 | 5.96 | 40.50 | 6.42 | 44.75 | 6.87 | 49.91 | 7.88 | 55.27 | 8.86 | | | | | | | | |
| | 10 | 29.05 | 4.29 | 34.24 | 5.25 | 39.35 | 6.24 | 40.50 | 6.73 | 44.75 | 7.24 | 49.91 | 8.27 | 55.27 | 9.30 | | | | | | | | |
| | 15 | 29.05 | 4.52 | 34.24 | 5.49 | 39.35 | 6.52 | 40.50 | 7.06 | 44.75 | 7.60 | 49.91 | 8.65 | 55.27 | 9.73 | | | | | | | | |
| | 20 | 29.05 | 4.76 | 34.24 | 5.79 | 39.35 | 6.87 | 40.50 | 7.46 | 44.75 | 8.17 | 49.91 | 9.68 | 55.27 | 11.28 | | | | | | | | |
| | 25 | 29.05 | 5.29 | 34.24 | 6.70 | 39.35 | 8.23 | 40.50 | 9.05 | 44.75 | 9.91 | 49.91 | 11.72 | 54.24 | 13.15 | | | | | | | | |
| | 30 | 29.05 | 6.36 | 34.24 | 8.04 | 39.35 | 9.87 | 40.50 | 10.84 | 44.75 | 11.86 | 49.91 | 14.10 | 52.38 | 14.73 | | | | | | | | |
| | 35 | 29.05 | 7.56 | 34.24 | 9.52 | 39.35 | 11.70 | 40.50 | 12.84 | 44.75 | 14.10 | 49.91 | 16.20 | 50.52 | 16.31 | | | | | | | | |
| | 41 | 29.05 | 8.70 | 34.24 | 11.04 | 39.35 | 13.57 | 40.50 | 13.99 | 44.75 | 16.31 | 47.43 | 17.57 | 48.26 | 17.78 | | | | | | | | |
| | 43 | 29.05 | 9.70 | 34.24 | 11.72 | 39.35 | 14.52 | 40.50 | 15.68 | 44.75 | 16.63 | 46.19 | 17.15 | 47.22 | 18.31 | | | | | | | | |
| 80% | -5 | 25.82 | 3.48 | 30.44 | 4.27 | 34.98 | 5.03 | 36.00 | 5.45 | 39.59 | 5.85 | 44.34 | 6.70 | 49.29 | 7.52 | | | | | | | | |
| | 0 | 25.82 | 3.51 | 30.44 | 4.30 | 34.98 | 5.07 | 36.00 | 5.49 | 39.59 | 5.90 | 44.34 | 6.75 | 49.29 | 7.59 | | | | | | | | |
| | 5 | 25.82 | 3.57 | 30.44 | 4.36 | 34.98 | 5.13 | 36.00 | 5.56 | 39.59 | 5.98 | 44.34 | 6.83 | 49.29 | 7.67 | | | | | | | | |
| | 10 | 25.82 | 3.75 | 30.44 | 4.57 | 34.98 | 5.40 | 36.00 | 5.84 | 39.59 | 6.28 | 44.34 | 7.18 | 49.29 | 8.07 | | | | | | | | |
| | 15 | 25.82 | 3.91 | 30.44 | 4.78 | 34.98 | 5.67 | 36.00 | 6.12 | 39.59 | 6.59 | 44.34 | 7.52 | 49.29 | 8.48 | | | | | | | | |
| | 20 | 25.82 | 4.12 | 30.44 | 5.02 | 34.98 | 5.96 | 36.00 | 6.43 | 39.59 | 6.93 | 44.34 | 8.07 | 49.29 | 9.80 | | | | | | | | |
| | 25 | 25.82 | 4.48 | 30.44 | 5.65 | 34.98 | 6.93 | 36.00 | 7.60 | 39.59 | 8.30 | 44.34 | 9.80 | 49.29 | 12.26 | | | | | | | | |
| | 30 | 25.82 | 5.40 | 30.44 | 6.80 | 34.98 | 8.30 | 36.00 | 9.12 | 39.59 | 9.94 | 44.34 | 11.72 | 49.29 | 13.68 | | | | | | | | |
| | 35 | 25.82 | 6.43 | 30.44 | 8.07 | 34.98 | 9.87 | 36.00 | 10.83 | 39.59 | 11.82 | 44.34 | 13.89 | 49.29 | 16.10 | | | | | | | | |
| | 41 | 25.82 | 7.58 | 30.44 | 9.30 | 34.98 | 11.40 | 36.00 | 12.54 | 39.59 | 13.78 | 44.34 | 16.20 | 47.02 | 17.57 | | | | | | | | |
| | 43 | 25.82 | 8.84 | 30.44 | 10.15 | 34.98 | 12.12 | 36.00 | 13.68 | 39.59 | 15.15 | 44.34 | 16.73 | 44.75 | 17.99 | | | | | | | | |
| 70% | -5 | 22.59 | 2.95 | 26.63 | 3.60 | 30.60 | 4.26 | 31.50 | 4.61 | 34.75 | 4.97 | 38.77 | 5.69 | 43.10 | 4.51 | | | | | | | | |
| | 0 | 22.59 | 2.98 | 26.63 | 3.63 | 30.60 | 4.30 | 31.50 | 4.65 | 34.75 | 5.02 | 38.77 | 5.74 | 43.10 | 4.58 | | | | | | | | |
| | 5 | 22.59 | 3.03 | 26.63 | 3.68 | 30.60 | 4.37 | 31.50 | 4.71 | 34.75 | 5.09 | 38.77 | 5.82 | 43.10 | 4.66 | | | | | | | | |
| | 10 | 22.59 | 3.19 | 26.63 | 3.87 | 30.60 | 4.60 | 31.50 | 4.97 | 34.75 | 5.35 | 38.77 | 6.11 | 43.10 | 6.89 | | | | | | | | |
| | 15 | 22.59 | 3.34 | 26.63 | 4.06 | 30.60 | 4.83 | 31.50 | 5.21 | 34.75 | 5.60 | 38.77 | 6.40 | 43.10 | 7.22 | | | | | | | | |
| | 20 | 22.59 | 3.51 | 26.63 | 4.27 | 30.60 | 5.08 | 31.50 | 5.48 | 34.75 | 5.90 | 38.77 | 6.73 | 43.10 | 7.67 | | | | | | | | |
| | 25 | 22.59 | 3.72 | 26.63 | 4.67 | 30.60 | 5.70 | 31.50 | 6.26 | 34.75 | 6.83 | 38.77 | 8.04 | 43.10 | 9.30 | | | | | | | | |
| | 30 | 22.59 | 4.50 | 26.63 | 5.63 | 30.60 | 6.87 | 31.50 | 7.52 | 34.75 | 8.19 | 38.77 | 9.62 | 43.10 | 11.13 | | | | | | | | |
| | 35 | 22.59 | 5.39 | 26.63 | 6.70 | 30.60 | 8.15 | 31.50 | 8.93 | 34.75 | 9.71 | 38.77 | 11.42 | 43.10 | 13.26 | | | | | | | | |
| | 41 | 22.59 | 6.15 | 26.63 | 7.60 | 30.60 | 9.41 | 31.50 | 10.13 | 34.75 | 11.25 | 38.77 | 13.26 | 43.10 | 15.36 | | | | | | | | |
| | 43 | 22.59 | 6.52 | 26.63 | 8.00 | 30.60 | 10.46 | 31.50 | 11.31 | 34.75 | 12.16 | 38.77 | 14.42 | 43.10 | 16.84 | | | | | | | | |
| 60% | -5 | 19.36 | 2.43 | 22.83 | 2.99 | 26.23 | 3.52 | 27.00 | 3.85 | 30.01 | 4.09 | 33.30 | 4.68 | 36.91 | 5.27 | | | | | | | | |
| | 0 | 19.36 | 2.46 | 22.83 | 3.02 | 26.23 | 3.57 | 27.00 | 3.89 | 30.01 | 4.15 | 33.30 | 4.73 | 36.91 | 5.33 | | | | | | | | |
| | 5 | 19.36 | 2.51 | 22.83 | 3.07 | 26.23 | 3.63 | 27.00 | 3.96 | 30.01 | 4.22 | 33.30 | 4.81 | 36.91 | 5.42 | | | | | | | | |
| | 10 | 19.36 | 2.65 | 22.83 | 3.23 | 26.23 | 3.82 | 27.00 | 4.12 | 30.01 | 4.43 | 33.30 | 5.06 | 36.91 | 5.70 | | | | | | | | |
| | 15 | 19.36 | 2.79 | 22.83 | 3.38 | 26.23 | 4.01 | 27.00 | 4.34 | 30.01 | 4.64 | 33.30 | 5.30 | 36.91 | 6.00 | | | | | | | | |
| | 20 | 19.36 | 2.93 | 22.83 | 3.55 | 26.23 | 4.20 | 27.00 | 4.55 | 30.01 | 4.88 | 33.30 | 5.60 | 36.91 | 6.30 | | | | | | | | |
| | 25 | 19.36 | 3.07 | 22.83 | 3.78 | 26.23 | 4.60 | 27.00 | 5.02 | 30.01 | 5.48 | 33.30 | 6.42 | 36.91 | 7.41 | | | | | | | | |
| | 30 | 19.36 | 3.66 | 22.83 | 4.58 | 26.23 | 5.56 | 27.00 | 6.05 | 30.01 | 6.59 | 33.30 | 7.69 | 36.91 | 8.88 | | | | | | | | |
| | 35 | 19.36 | 4.39 | 22.83 | 5.46 | 26.23 | 6.59 | 27.00 | 7.20 | 30.01 | 7.83 | 33.30 | 9.12 | 36.91 | 10.53 | | | | | | | | |
| | 41 | 19.36 | 5.00 | 22.83 | 6.21 | 26.23 | 7.56 | 27.00 | 8.27 | 30.01 | 9.01 | 33.30 | 10.55 | 36.91 | 12.22 | | | | | | | | |
| | 43 | 19.36 | 5.46 | 22.83 | 6.33 | 26.23 | 8.25 | 27.00 | 9.24 | 30.01 | 9.87 | 33.30 | 11.34 | 36.91 | 13.36 | | | | | | | | |
| 50% | -5 | 16.14 | 1.96 | 19.02 | 2.43 | 21.86 | 2.82 | 22.50 | 2.99 | 24.85 | 3.23 | 27.74 | 3.75 | 30.73 | 4.21 | | | | | | | | |
| | 0 | 16.14 | 1.99 | 19.02 | 2.46 | 21.86 | 2.86 | 22.50 | 3.03 | 24.85 | 3.28 | 27.74 | 3.80 | 30.73 | 4.27 | | | | | | | | |
| | 5 | 16.14 | 2.04 | 19.02 | 2.51 | 21.86 | 2.93 | 22.50 | 3.09 | 24.85 | 3.36 | 27.74 | 3.87 | 30.73 | 4.36 | | | | | | | | |
| | 10 | 16.14 | 2.14 | 19.02 | 2.60 | 21.86 | 3.07 | 22.50 | 3.30 | 24.85 | 3.55 | 27.74 | 4.06 | 30.73 | 4.58 | | | | | | | | |
| | 15 | 16.14 | 2.23 | 19.02 | 2.67 | 21.86 | 3.23 | 22.50 | 3.47 | 24.85 | 3.75 | 27.74 | 4.26 | 30.73 | 4.81 | | | | | | | | |
| | 20 | 16.14 | 2.35 | 19.02 | 2.86 | 21.86 | 3.38 | 22.50 | 3.65 | 24.85 | 3.91 | 27.74 | 4.48 | 30.73 | 5.06 | | | | | | | | |
| | 25 | 16.14 | 2.48 | 19.02 | 3.00 | 21.86 | 3.57 | 22.50 | 3.89 | 24.85 | 4.24 | 27.74 | 4.95 | 30.73 | 5.69 | | | | | | | | |
| | 30 | 16.14 | 2.90 | 19.02 | 3.59 | 21.86 | 4.31 | 22.50 | 4.71 | 24.85 | 5.11 | 27.74 | 5.98 | 30.73 | 6.83 | | | | | | | | |

| YCV560HR | | | Cooling Capacity | | | | | | | | | | | | |
|---------------------|----------------------|-----------------------|------------------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|----------|----------|----------|
| Capacity Factor (%) | Outdoor Temp (°C WB) | Indoor Temp. (°C WB) | | | | | | | | | | | | | |
| | | 14 (°C) | | 16 (°C) | | 18 (°C) | | 19.4 (°C) | | 20 (°C) | | 22 (°C) | | 24 (°C) | |
| | (°C WB) | TC kW | PI kW | TC kW | PI kW | TC kW | PI kW | TC kW | PI kW | TC kW | PI kW | TC kW | PI kW | TC kW | PI kW |
| 130% | -5 | 49.71 | 7.86 | 58.59 | 9.44 | 67.47 | 10.83 | 71.41 | 12.06 | 73.78 | 11.90 | 75.16 | 10.77 | 77.13 | 10.50 |
| | 0 | 49.71 | 7.92 | 58.59 | 9.50 | 67.47 | 10.91 | 71.41 | 12.14 | 73.78 | 12.00 | 75.16 | 10.87 | 77.13 | 10.63 |
| | 5 | 49.71 | 8.02 | 58.59 | 9.60 | 67.47 | 11.04 | 71.41 | 12.27 | 73.78 | 12.15 | 75.16 | 11.02 | 77.13 | 10.79 |
| | 10 | 49.71 | 8.14 | 58.59 | 9.77 | 67.47 | 11.41 | 72.20 | 12.23 | 72.79 | 12.02 | 74.57 | 11.49 | 76.15 | 10.96 |
| | 15 | 49.71 | 8.49 | 58.59 | 10.20 | 67.47 | 11.90 | 70.82 | 12.21 | 71.41 | 12.08 | 72.20 | 12.17 | 73.98 | 12.19 |
| | 20 | 49.71 | 8.95 | 58.59 | 11.28 | 66.68 | 13.60 | 68.65 | 13.64 | 68.26 | 13.73 | 70.03 | 13.85 | 71.61 | 13.97 |
| | 25 | 49.71 | 10.69 | 58.59 | 13.50 | 64.70 | 15.39 | 66.28 | 15.41 | 66.09 | 15.47 | 67.86 | 15.59 | 69.24 | 15.80 |
| | 30 | 49.71 | 12.66 | 58.59 | 14.98 | 62.14 | 17.03 | 62.73 | 17.17 | 63.72 | 17.23 | 63.52 | 17.44 | 66.87 | 17.64 |
| | 35 | 49.71 | 14.77 | 58.00 | 18.67 | 60.76 | 18.88 | 60.56 | 19.02 | 61.55 | 19.02 | 63.32 | 19.29 | 64.70 | 19.29 |
| | 41 | 49.71 | 17.23 | 57.60 | 20.31 | 57.60 | 20.52 | 58.59 | 20.52 | 59.18 | 20.52 | 61.15 | 20.52 | 61.94 | 20.72 |
| | 43 | 49.71 | 18.67 | 56.62 | 20.52 | 56.42 | 20.52 | 57.41 | 20.70 | 57.80 | 20.70 | 59.97 | 20.76 | 60.17 | 20.80 |
| 120% | -5 | 46.16 | 7.16 | 54.05 | 8.45 | 62.34 | 9.89 | 66.48 | 10.71 | 70.43 | 11.47 | 74.17 | 11.71 | 75.75 | 11.16 |
| | 0 | 46.16 | 7.22 | 54.05 | 8.51 | 62.34 | 9.97 | 66.48 | 10.79 | 70.43 | 11.57 | 74.17 | 11.82 | 75.75 | 11.28 |
| | 5 | 46.16 | 7.32 | 54.05 | 8.62 | 62.34 | 10.09 | 66.48 | 10.91 | 70.43 | 11.71 | 74.17 | 11.96 | 75.75 | 11.45 |
| | 10 | 46.16 | 7.45 | 54.05 | 8.95 | 62.34 | 10.46 | 66.48 | 11.20 | 70.43 | 11.96 | 73.38 | 11.88 | 74.77 | 11.41 |
| | 15 | 46.16 | 7.80 | 54.05 | 9.36 | 62.34 | 10.91 | 66.48 | 11.69 | 69.44 | 12.25 | 70.82 | 12.04 | 72.40 | 12.10 |
| | 20 | 46.16 | 8.14 | 54.05 | 10.05 | 62.34 | 12.33 | 66.48 | 13.56 | 67.27 | 13.64 | 68.65 | 13.75 | 70.23 | 13.87 |
| | 25 | 46.16 | 9.58 | 54.05 | 12.04 | 62.34 | 14.77 | 64.31 | 15.31 | 65.10 | 15.39 | 66.68 | 15.59 | 67.86 | 15.59 |
| | 30 | 46.16 | 11.35 | 54.05 | 14.28 | 60.76 | 17.03 | 61.75 | 17.11 | 62.53 | 17.17 | 63.92 | 17.23 | 65.69 | 17.44 |
| | 35 | 46.16 | 13.29 | 54.05 | 16.82 | 59.58 | 18.67 | 59.58 | 18.81 | 60.36 | 18.81 | 61.94 | 19.08 | 63.32 | 19.29 |
| | 41 | 46.16 | 15.39 | 54.05 | 19.29 | 56.42 | 20.52 | 57.60 | 20.52 | 58.39 | 20.52 | 58.98 | 20.52 | 60.56 | 20.52 |
| | 43 | 46.16 | 17.03 | 54.05 | 20.52 | 55.24 | 20.72 | 56.42 | 20.70 | 57.01 | 20.70 | 57.60 | 20.72 | 59.58 | 20.76 |
| 110% | -5 | 42.41 | 6.48 | 49.51 | 7.67 | 57.21 | 8.94 | 60.96 | 9.72 | 64.51 | 10.46 | 72.99 | 12.08 | 74.37 | 11.61 |
| | 0 | 42.41 | 6.54 | 49.51 | 7.73 | 57.21 | 9.03 | 60.96 | 9.81 | 64.51 | 10.56 | 72.99 | 12.19 | 74.37 | 11.73 |
| | 5 | 42.41 | 6.65 | 49.51 | 7.84 | 57.21 | 9.15 | 60.96 | 9.93 | 64.51 | 10.71 | 72.99 | 12.33 | 74.37 | 11.90 |
| | 10 | 42.41 | 6.77 | 49.51 | 8.12 | 57.21 | 9.50 | 60.96 | 10.20 | 64.51 | 10.89 | 72.00 | 12.27 | 73.38 | 11.84 |
| | 15 | 42.41 | 7.10 | 49.51 | 8.49 | 57.21 | 9.93 | 60.96 | 10.65 | 64.51 | 11.37 | 69.64 | 12.21 | 71.21 | 12.02 |
| | 20 | 42.41 | 7.41 | 49.51 | 8.92 | 57.21 | 10.87 | 60.96 | 11.92 | 64.51 | 13.01 | 67.47 | 13.66 | 68.85 | 13.77 |
| | 25 | 42.41 | 8.51 | 49.51 | 10.67 | 57.21 | 13.01 | 60.96 | 14.28 | 63.72 | 15.28 | 65.10 | 15.39 | 66.48 | 15.59 |
| | 30 | 42.41 | 10.05 | 49.51 | 12.62 | 57.21 | 15.59 | 60.96 | 16.84 | 60.96 | 17.01 | 62.93 | 17.23 | 64.31 | 17.23 |
| | 35 | 42.41 | 11.82 | 49.51 | 14.83 | 57.21 | 17.03 | 58.59 | 18.63 | 59.38 | 18.81 | 60.56 | 19.08 | 61.94 | 19.29 |
| | 41 | 42.41 | 13.81 | 49.51 | 17.44 | 55.83 | 18.46 | 56.62 | 20.15 | 57.21 | 20.15 | 57.80 | 20.31 | 59.58 | 20.31 |
| | 43 | 42.41 | 14.98 | 49.51 | 18.88 | 54.45 | 19.90 | 55.43 | 20.33 | 55.83 | 20.33 | 56.42 | 20.52 | 58.19 | 20.52 |
| 100% | -5 | 38.27 | 5.85 | 44.98 | 6.91 | 51.88 | 8.10 | 56.00 | 9.19 | 58.59 | 9.29 | 65.49 | 10.62 | 75.55 | 12.02 |
| | 0 | 38.27 | 5.91 | 44.98 | 6.97 | 51.88 | 8.18 | 56.00 | 9.27 | 58.59 | 9.39 | 65.49 | 10.73 | 75.55 | 12.14 |
| | 5 | 38.27 | 6.01 | 44.98 | 7.08 | 51.88 | 8.31 | 56.00 | 9.40 | 58.59 | 9.54 | 65.49 | 10.87 | 75.55 | 12.31 |
| | 10 | 38.27 | 6.11 | 44.98 | 7.32 | 51.88 | 8.53 | 56.00 | 9.15 | 58.59 | 9.81 | 65.49 | 11.06 | 74.37 | 12.25 |
| | 15 | 38.27 | 6.38 | 44.98 | 7.63 | 51.88 | 8.92 | 56.00 | 9.60 | 58.59 | 10.24 | 65.49 | 11.55 | 72.99 | 12.19 |
| | 20 | 38.27 | 6.69 | 44.98 | 8.00 | 51.88 | 9.50 | 56.00 | 10.40 | 58.59 | 11.35 | 65.49 | 13.32 | 71.81 | 13.66 |
| | 25 | 38.27 | 7.51 | 44.98 | 9.36 | 51.88 | 11.37 | 56.00 | 12.45 | 58.59 | 13.56 | 63.92 | 15.39 | 69.24 | 15.39 |
| | 30 | 38.27 | 8.88 | 44.98 | 10.96 | 51.88 | 13.46 | 56.00 | 14.55 | 58.59 | 16.08 | 61.55 | 17.03 | 66.09 | 17.23 |
| | 35 | 38.27 | 10.40 | 44.98 | 12.97 | 51.88 | 15.84 | 56.00 | 15.10 | 58.19 | 18.63 | 59.38 | 18.88 | 62.93 | 19.08 |
| | 41 | 38.27 | 12.15 | 44.98 | 15.18 | 51.88 | 18.44 | 55.62 | 19.20 | 56.02 | 19.96 | 57.21 | 20.31 | 58.39 | 19.90 |
| | 43 | 38.27 | 13.54 | 44.98 | 16.41 | 51.88 | 19.94 | 54.47 | 19.94 | 54.64 | 20.52 | 56.22 | 20.52 | 57.01 | 20.31 |

To be continued

Continued

| Capacity Factor (%) | Outdoor Temp (°C WB) | YCV560HR | | | | | | Cooling Capacity | | | | | | | |
|---------------------|----------------------|----------------------|-------|---------|-------|---------|-------|------------------|-------|---------|-------|---------|-------|---------|-------|
| | | Indoor Temp. (°C WB) | | | | | | | | | | | | | |
| | | 14 (°C) | | 16 (°C) | | 18 (°C) | | 19.4 (°C) | | 20 (°C) | | 22 (°C) | | 24 (°C) | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| 90% | -5 | 34.44 | 5.21 | 40.48 | 6.26 | 46.69 | 7.26 | 50.40 | 7.73 | 53.07 | 8.41 | 58.98 | 9.31 | 65.10 | 10.40 |
| | 0 | 34.44 | 5.27 | 40.48 | 6.32 | 46.69 | 7.34 | 50.40 | 7.82 | 53.07 | 8.51 | 58.98 | 9.42 | 65.10 | 10.52 |
| | 5 | 34.44 | 5.38 | 40.48 | 6.42 | 46.69 | 7.47 | 50.40 | 7.94 | 53.07 | 8.66 | 58.98 | 9.56 | 65.10 | 10.69 |
| | 10 | 34.44 | 5.48 | 40.48 | 6.52 | 46.69 | 7.59 | 50.40 | 8.17 | 53.07 | 8.72 | 58.98 | 9.85 | 65.10 | 10.98 |
| | 15 | 34.44 | 5.70 | 40.48 | 6.81 | 46.69 | 7.94 | 50.40 | 8.49 | 53.07 | 9.13 | 58.98 | 10.28 | 65.10 | 11.47 |
| | 20 | 34.44 | 5.97 | 40.48 | 7.14 | 46.69 | 8.31 | 50.40 | 8.97 | 53.07 | 9.77 | 58.98 | 11.41 | 65.10 | 13.19 |
| | 25 | 34.44 | 6.57 | 40.48 | 8.12 | 46.69 | 9.83 | 50.40 | 10.73 | 53.07 | 11.65 | 58.98 | 13.64 | 63.92 | 15.39 |
| | 30 | 34.44 | 7.76 | 40.48 | 9.60 | 46.69 | 11.63 | 50.40 | 12.70 | 53.07 | 13.83 | 58.98 | 16.21 | 61.75 | 17.03 |
| | 35 | 34.44 | 9.07 | 40.48 | 11.24 | 46.69 | 13.64 | 50.40 | 14.94 | 53.07 | 16.27 | 58.19 | 18.67 | 59.38 | 18.88 |
| | 41 | 34.44 | 10.44 | 40.48 | 13.11 | 46.69 | 15.80 | 50.40 | 17.44 | 53.07 | 18.63 | 55.63 | 20.31 | 57.21 | 20.31 |
| | 43 | 34.44 | 10.81 | 40.48 | 14.24 | 46.69 | 17.03 | 50.40 | 18.26 | 53.07 | 19.20 | 53.26 | 20.52 | 56.02 | 20.52 |
| 80% | -5 | 30.62 | 4.61 | 35.98 | 5.50 | 41.51 | 6.38 | 44.80 | 6.93 | 46.95 | 7.20 | 52.47 | 8.18 | 57.80 | 8.84 |
| | 0 | 30.62 | 4.68 | 35.98 | 5.56 | 41.51 | 6.46 | 44.80 | 7.02 | 46.95 | 7.30 | 52.47 | 8.29 | 57.80 | 8.96 |
| | 5 | 30.62 | 4.78 | 35.98 | 5.66 | 41.51 | 6.59 | 44.80 | 7.14 | 46.95 | 7.45 | 52.47 | 8.43 | 57.80 | 9.13 |
| | 10 | 30.62 | 4.86 | 35.98 | 5.77 | 41.51 | 6.69 | 44.80 | 7.30 | 46.95 | 7.65 | 52.47 | 8.66 | 57.80 | 9.64 |
| | 15 | 30.62 | 5.05 | 35.98 | 6.01 | 41.51 | 7.00 | 44.80 | 7.49 | 46.95 | 8.00 | 52.47 | 9.05 | 57.80 | 10.07 |
| | 20 | 30.62 | 5.27 | 35.98 | 6.26 | 41.51 | 7.30 | 44.80 | 7.84 | 46.95 | 8.37 | 52.47 | 9.64 | 57.80 | 11.12 |
| | 25 | 30.62 | 5.66 | 35.98 | 6.96 | 41.51 | 8.37 | 44.80 | 9.13 | 46.95 | 9.89 | 52.47 | 11.55 | 57.80 | 13.29 |
| | 30 | 30.62 | 6.69 | 35.98 | 8.23 | 41.51 | 9.89 | 44.80 | 10.79 | 46.95 | 11.71 | 52.47 | 13.66 | 57.80 | 15.80 |
| | 35 | 30.62 | 7.82 | 35.98 | 9.62 | 41.51 | 11.63 | 44.80 | 12.68 | 46.95 | 13.77 | 52.47 | 16.00 | 57.80 | 18.67 |
| | 41 | 30.62 | 8.86 | 35.98 | 11.45 | 41.51 | 13.52 | 44.80 | 14.73 | 46.95 | 15.98 | 51.49 | 18.46 | 55.43 | 19.90 |
| | 43 | 30.62 | 9.44 | 35.98 | 11.45 | 41.51 | 14.61 | 44.80 | 15.65 | 46.95 | 16.74 | 49.12 | 19.29 | 54.25 | 20.31 |
| 70% | -5 | 26.79 | 4.00 | 31.48 | 4.76 | 36.32 | 5.33 | 39.20 | 5.97 | 41.03 | 6.19 | 45.77 | 7.03 | 50.70 | 7.59 |
| | 0 | 26.79 | 4.06 | 31.48 | 4.82 | 36.32 | 5.41 | 39.20 | 6.05 | 41.03 | 6.30 | 45.77 | 7.14 | 50.70 | 7.71 |
| | 5 | 26.79 | 4.16 | 31.48 | 4.92 | 36.32 | 5.54 | 39.20 | 6.18 | 41.03 | 6.44 | 45.77 | 7.28 | 50.70 | 7.88 |
| | 10 | 26.79 | 4.23 | 31.48 | 5.01 | 36.32 | 5.79 | 39.20 | 6.22 | 41.03 | 6.63 | 45.77 | 7.47 | 50.70 | 8.33 |
| | 15 | 26.79 | 4.41 | 31.48 | 5.21 | 36.32 | 6.05 | 39.20 | 6.46 | 41.03 | 6.91 | 45.77 | 7.80 | 50.70 | 8.72 |
| | 20 | 26.79 | 4.60 | 31.48 | 5.44 | 36.32 | 6.32 | 39.20 | 6.77 | 41.03 | 7.22 | 45.77 | 8.17 | 50.70 | 9.19 |
| | 25 | 26.79 | 4.84 | 31.48 | 5.89 | 36.32 | 7.04 | 39.20 | 7.63 | 41.03 | 8.27 | 45.77 | 9.60 | 50.70 | 11.00 |
| | 30 | 26.79 | 5.70 | 31.48 | 6.91 | 36.32 | 8.31 | 39.20 | 9.03 | 41.03 | 9.79 | 45.77 | 11.37 | 50.70 | 13.03 |
| | 35 | 26.79 | 6.67 | 31.48 | 8.12 | 36.32 | 9.75 | 39.20 | 10.59 | 41.03 | 11.47 | 45.77 | 13.34 | 50.70 | 15.39 |
| | 41 | 26.79 | 7.59 | 31.48 | 9.44 | 36.32 | 11.39 | 39.20 | 12.35 | 41.03 | 13.36 | 45.77 | 15.39 | 50.70 | 17.85 |
| | 43 | 26.79 | 8.14 | 31.48 | 10.24 | 36.32 | 12.31 | 39.20 | 13.48 | 41.03 | 14.48 | 43.40 | 16.21 | 49.51 | 18.67 |
| 60% | -5 | 22.96 | 3.42 | 26.99 | 4.06 | 31.13 | 4.63 | 33.60 | 5.02 | 35.11 | 5.25 | 39.26 | 5.72 | 43.40 | 6.32 |
| | 0 | 22.96 | 3.49 | 26.99 | 4.12 | 31.13 | 4.72 | 33.60 | 5.11 | 35.11 | 5.35 | 39.26 | 5.83 | 43.40 | 6.44 |
| | 5 | 22.96 | 3.59 | 26.99 | 4.23 | 31.13 | 4.84 | 33.60 | 5.23 | 35.11 | 5.50 | 39.26 | 5.97 | 43.40 | 6.61 |
| | 10 | 22.96 | 3.65 | 26.99 | 4.29 | 31.13 | 4.92 | 33.60 | 5.46 | 35.11 | 5.62 | 39.26 | 6.32 | 43.40 | 7.04 |
| | 15 | 22.96 | 3.80 | 26.99 | 4.45 | 31.13 | 5.13 | 33.60 | 5.50 | 35.11 | 5.87 | 39.26 | 6.59 | 43.40 | 7.34 |
| | 20 | 22.96 | 3.96 | 26.99 | 4.66 | 31.13 | 5.35 | 33.60 | 5.74 | 35.11 | 6.11 | 39.26 | 6.89 | 43.40 | 7.67 |
| | 25 | 22.96 | 4.12 | 26.99 | 4.90 | 31.13 | 5.79 | 33.60 | 6.28 | 35.11 | 6.77 | 39.26 | 7.82 | 43.40 | 8.90 |
| | 30 | 22.96 | 4.78 | 26.99 | 5.79 | 31.13 | 8.72 | 33.60 | 7.41 | 35.11 | 7.96 | 39.26 | 9.21 | 43.40 | 10.52 |
| | 35 | 22.96 | 5.56 | 26.99 | 6.73 | 31.13 | 8.02 | 33.60 | 8.68 | 35.11 | 9.38 | 39.26 | 10.81 | 43.40 | 12.35 |
| | 41 | 22.96 | 6.46 | 26.99 | 5.91 | 31.13 | 9.21 | 33.60 | 9.50 | 35.11 | 10.87 | 39.26 | 12.60 | 43.40 | 14.42 |
| | 43 | 22.96 | 7.04 | 26.99 | 6.46 | 31.13 | 9.60 | 33.60 | 10.42 | 35.11 | 11.82 | 39.26 | 13.73 | 43.40 | 14.73 |
| 50% | -5 | 19.14 | 2.89 | 22.49 | 3.38 | 25.94 | 3.85 | 28.00 | 4.14 | 29.20 | 4.31 | 32.75 | 4.78 | 36.10 | 5.33 |
| | 0 | 19.14 | 2.95 | 22.49 | 3.45 | 25.94 | 3.94 | 28.00 | 4.23 | 29.20 | 4.41 | 32.75 | 4.88 | 36.10 | 5.46 |
| | 5 | 19.14 | 3.06 | 22.49 | 3.55 | 25.94 | 4.06 | 28.00 | 4.35 | 29.20 | 4.55 | 32.75 | 5.03 | 36.10 | 5.62 |
| | 10 | 19.14 | 3.10 | 22.49 | 3.59 | 25.94 | 4.12 | 28.00 | 4.39 | 29.20 | 4.66 | 32.75 | 5.21 | 36.10 | 5.79 |
| | 15 | 19.14 | 3.20 | 22.49 | 3.73 | 25.94 | 4.27 | 28.00 | 4.55 | 29.20 | 4.84 | 32.75 | 5.42 | 36.10 | 6.01 |
| | 20 | 19.14 | 3.32 | 22.49 | 3.88 | 25.94 | 4.45 | 28.00 | 4.76 | 29.20 | 5.07 | 32.75 | 5.66 | 36.10 | 6.30 |
| | 25 | 19.14 | 3.47 | 22.49 | 4.04 | 25.94 | 4.68 | 28.00 | 5.03 | 29.20 | 5.40 | 32.75 | 6.20 | 36.10 | 7.00 |
| | 30 | 19.14 | 3.94 | 22.49 | 4.68 | 25.94 | 5.50 | 28.00 | 5.93 | 29.20 | 6.38 | 32.75 | 7.28 | 36.10 | 8.27 |
| | 35 | 19.14 | 4.58 | 22.49 | 5.48 | 25.94 | 6.44 | 28.00 | 6.91 | 29.20 | 7.45 | 32.75 | 8.53 | 36.10 | 9.68 |
| | 41 | 19.14 | 5.33 | 22.49 | 6.34 | 25.94 | 7.43 | 28.00 | 8.00 | 29.20 | 8.66 | 32.75 | 10.22 | 36.10 | 11.41 |
| | 43 | 19.14 | 5.89 | 22.49 | 6.91 | 25.94 | 8.02 | 28.00 | 9.13 | 29.20 | 9.38 | 32.75 | 10.77 | 36.10 | 12.70 |

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

| Capacity Factor (%) | YCV615HR | | | | | | | | | | Cooling Capacity | | | | | | | | | | | | | | | | | | | |
|---------------------|----------------------|-----------------------|-------|-------|-------|---------|-------|-------|-------|---------|------------------|-------|-------|-----------|-------|----|----|---------|----|----|----|---------|----|----|----|---------|----|----|--|--|
| | Outdoor Temp (°C WB) | Indoor Temp. (°C WB) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 14 (°C) | | | | 16 (°C) | | | | 18 (°C) | | | | 19.4 (°C) | | | | 20 (°C) | | | | 22 (°C) | | | | 24 (°C) | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | | | |
| | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | | |
| 130% | -5 | 54.90 | 8.03 | 64.79 | 9.65 | 74.58 | 11.08 | 79.33 | 12.34 | 82.30 | 12.17 | 84.28 | 11.02 | 86.06 | 10.75 | | | | | | | | | | | | | | | |
| | 0 | 54.90 | 8.09 | 64.79 | 9.71 | 74.58 | 11.16 | 79.33 | 12.41 | 82.30 | 12.27 | 84.28 | 11.12 | 86.06 | 10.87 | | | | | | | | | | | | | | | |
| | 5 | 54.90 | 8.19 | 64.79 | 9.80 | 74.58 | 11.27 | 79.33 | 12.53 | 82.30 | 12.41 | 84.28 | 11.26 | 86.06 | 11.02 | | | | | | | | | | | | | | | |
| | 10 | 54.90 | 8.32 | 64.79 | 9.98 | 74.58 | 11.66 | 79.72 | 12.49 | 80.52 | 12.28 | 82.40 | 11.74 | 84.18 | 11.20 | | | | | | | | | | | | | | | |
| | 15 | 54.90 | 8.68 | 64.79 | 10.41 | 74.58 | 12.16 | 77.55 | 12.47 | 78.44 | 12.35 | 79.72 | 12.43 | 81.80 | 12.45 | | | | | | | | | | | | | | | |
| | 20 | 54.90 | 9.14 | 64.79 | 11.53 | 73.79 | 13.90 | 75.17 | 13.95 | 75.47 | 14.02 | 77.35 | 14.14 | 79.13 | 14.27 | | | | | | | | | | | | | | | |
| | 25 | 54.90 | 10.92 | 64.79 | 13.79 | 71.32 | 15.68 | 72.50 | 15.74 | 73.00 | 15.81 | 74.98 | 15.97 | 76.66 | 16.16 | | | | | | | | | | | | | | | |
| | 30 | 54.90 | 12.93 | 64.79 | 15.29 | 68.65 | 17.42 | 69.44 | 17.55 | 70.53 | 17.61 | 71.32 | 17.81 | 74.19 | 18.00 | | | | | | | | | | | | | | | |
| | 35 | 54.90 | 15.10 | 64.20 | 19.07 | 66.67 | 19.26 | 67.06 | 19.42 | 67.95 | 19.42 | 69.83 | 19.65 | 71.61 | 19.74 | | | | | | | | | | | | | | | |
| | 41 | 54.90 | 17.61 | 62.81 | 20.71 | 63.80 | 21.00 | 64.69 | 20.96 | 65.58 | 21.00 | 67.46 | 21.00 | 69.04 | 21.10 | | | | | | | | | | | | | | | |
| | 43 | 54.90 | 19.07 | 61.52 | 21.00 | 62.32 | 21.09 | 63.40 | 21.21 | 64.20 | 21.27 | 66.17 | 21.38 | 67.26 | 21.60 | | | | | | | | | | | | | | | |
| 120% | -5 | 50.84 | 7.32 | 59.74 | 8.65 | 68.94 | 10.12 | 73.39 | 10.95 | 78.44 | 11.73 | 82.79 | 11.99 | 84.47 | 11.42 | | | | | | | | | | | | | | | |
| | 0 | 50.84 | 7.38 | 59.74 | 8.71 | 68.94 | 10.20 | 73.39 | 11.03 | 78.44 | 11.83 | 82.79 | 12.08 | 84.47 | 11.54 | | | | | | | | | | | | | | | |
| | 5 | 50.84 | 7.48 | 59.74 | 8.81 | 68.94 | 10.32 | 73.39 | 11.15 | 78.44 | 11.97 | 82.79 | 12.22 | 84.47 | 11.70 | | | | | | | | | | | | | | | |
| | 10 | 50.84 | 7.61 | 59.74 | 9.14 | 68.94 | 10.68 | 73.39 | 11.45 | 77.85 | 12.22 | 81.11 | 12.14 | 82.69 | 11.65 | | | | | | | | | | | | | | | |
| | 15 | 50.84 | 7.96 | 59.74 | 9.55 | 68.94 | 11.15 | 73.39 | 11.95 | 76.86 | 12.51 | 78.44 | 12.30 | 80.12 | 12.37 | | | | | | | | | | | | | | | |
| | 20 | 50.84 | 8.32 | 59.74 | 10.28 | 68.94 | 12.60 | 73.39 | 13.85 | 74.38 | 13.94 | 75.87 | 14.04 | 77.55 | 14.18 | | | | | | | | | | | | | | | |
| | 25 | 50.84 | 9.78 | 59.74 | 12.30 | 68.94 | 15.10 | 70.92 | 15.64 | 71.91 | 15.68 | 73.59 | 15.87 | 75.08 | 15.97 | | | | | | | | | | | | | | | |
| | 30 | 50.84 | 11.58 | 59.74 | 14.58 | 67.26 | 17.33 | 68.35 | 17.48 | 69.34 | 17.58 | 70.72 | 17.61 | 72.50 | 17.81 | | | | | | | | | | | | | | | |
| | 35 | 50.84 | 13.58 | 59.74 | 17.13 | 65.38 | 19.07 | 65.98 | 19.23 | 66.77 | 19.23 | 68.45 | 19.45 | 70.03 | 19.65 | | | | | | | | | | | | | | | |
| | 41 | 50.84 | 15.77 | 59.74 | 19.65 | 62.41 | 21.00 | 63.50 | 20.96 | 64.49 | 21.00 | 65.68 | 21.00 | 67.36 | 21.00 | | | | | | | | | | | | | | | |
| | 43 | 50.84 | 17.33 | 59.74 | 20.91 | 61.13 | 21.19 | 62.12 | 21.15 | 62.91 | 21.18 | 64.10 | 21.19 | 66.07 | 21.21 | | | | | | | | | | | | | | | |
| 110% | -5 | 46.59 | 6.63 | 54.80 | 7.86 | 63.11 | 9.16 | 67.26 | 9.95 | 71.32 | 10.70 | 81.51 | 12.36 | 83.19 | 11.88 | | | | | | | | | | | | | | | |
| | 0 | 46.59 | 6.69 | 54.80 | 7.91 | 63.11 | 9.24 | 67.26 | 10.02 | 71.32 | 10.80 | 81.51 | 12.46 | 83.19 | 12.00 | | | | | | | | | | | | | | | |
| | 5 | 46.59 | 6.78 | 54.80 | 8.01 | 63.11 | 9.36 | 67.26 | 10.14 | 71.32 | 10.94 | 81.51 | 12.60 | 83.19 | 12.16 | | | | | | | | | | | | | | | |
| | 10 | 46.59 | 6.92 | 54.80 | 8.30 | 63.11 | 9.71 | 67.26 | 10.41 | 71.32 | 11.13 | 79.63 | 12.53 | 81.21 | 12.09 | | | | | | | | | | | | | | | |
| | 15 | 46.59 | 7.25 | 54.80 | 8.67 | 63.11 | 10.14 | 67.26 | 10.88 | 71.32 | 11.60 | 76.95 | 12.47 | 78.64 | 12.28 | | | | | | | | | | | | | | | |
| | 20 | 46.59 | 7.57 | 54.80 | 9.12 | 63.11 | 11.11 | 67.26 | 12.18 | 71.32 | 13.29 | 74.58 | 13.96 | 76.16 | 14.06 | | | | | | | | | | | | | | | |
| | 25 | 46.59 | 8.70 | 54.80 | 10.90 | 63.11 | 13.29 | 67.26 | 14.58 | 69.93 | 15.63 | 71.51 | 15.77 | 73.10 | 15.87 | | | | | | | | | | | | | | | |
| | 30 | 46.59 | 10.28 | 54.80 | 12.89 | 63.11 | 15.97 | 67.26 | 17.21 | 67.56 | 17.41 | 69.54 | 17.61 | 71.12 | 17.61 | | | | | | | | | | | | | | | |
| | 35 | 46.59 | 12.07 | 54.80 | 15.16 | 63.11 | 17.42 | 64.69 | 19.04 | 65.58 | 19.23 | 67.06 | 19.45 | 68.55 | 19.65 | | | | | | | | | | | | | | | |
| | 41 | 46.59 | 14.10 | 54.80 | 17.81 | 61.42 | 18.87 | 62.41 | 20.58 | 63.11 | 20.54 | 64.20 | 20.71 | 66.07 | 20.71 | | | | | | | | | | | | | | | |
| | 43 | 46.59 | 15.29 | 54.80 | 19.26 | 59.84 | 20.32 | 61.03 | 20.77 | 61.72 | 20.72 | 62.71 | 21.00 | 64.49 | 21.00 | | | | | | | | | | | | | | | |
| 100% | -5 | 42.24 | 5.98 | 49.75 | 7.07 | 57.27 | 8.29 | 61.50 | 9.40 | 64.89 | 9.51 | 72.40 | 10.87 | 82.89 | 12.30 | | | | | | | | | | | | | | | |
| | 0 | 42.24 | 6.04 | 49.75 | 7.13 | 57.27 | 8.37 | 61.50 | 9.48 | 64.89 | 9.61 | 72.40 | 10.97 | 82.89 | 12.41 | | | | | | | | | | | | | | | |
| | 5 | 42.24 | 6.14 | 49.75 | 7.23 | 57.27 | 8.49 | 61.50 | 9.60 | 64.89 | 9.75 | 72.40 | 11.11 | 82.89 | 12.57 | | | | | | | | | | | | | | | |
| | 10 | 42.24 | 6.24 | 49.75 | 7.48 | 57.27 | 8.72 | 61.50 | 9.36 | 64.89 | 10.02 | 72.40 | 11.29 | 80.81 | 12.51 | | | | | | | | | | | | | | | |
| | 15 | 42.24 | 6.51 | 49.75 | 7.80 | 57.27 | 9.12 | 61.50 | 9.80 | 64.89 | 10.45 | 72.40 | 11.80 | 78.63 | 12.45 | | | | | | | | | | | | | | | |
| | 20 | 42.24 | 6.83 | 49.75 | 8.17 | 57.27 | 9.71 | 61.50 | 10.63 | 64.89 | 11.58 | 72.40 | 13.61 | 76.75 | 13.96 | | | | | | | | | | | | | | | |
| | 25 | 42.24 | 7.67 | 49.75 | 9.55 | 57.27 | 11.60 | 61.50 | 12.72 | 64.89 | 13.85 | 70.72 | 15.68 | 74.18 | 15.77 | | | | | | | | | | | | | | | |
| | 30 | 42.24 | 9.07 | 49.75 | 11.20 | 57.27 | 13.75 | 61.50 | 14.86 | 64.89 | 16.40 | 68.15 | 17.42 | 71.11 | 17.61 | | | | | | | | | | | | | | | |
| | 35 | 42.24 | 10.63 | 49.75 | 13.25 | 57.27 | 16.18 | 61.50 | 16.73 | 64.39 | 19.05 | 65.68 | 19.26 | 68.25 | 19.45 | | | | | | | | | | | | | | | |
| | 41 | 42.24 | 12.41 | 49.75 | 15.49 | 57.27 | 18.84 | 60.83 | 19.62 | 61.92 | 20.35 | 63.30 | 20.71 | 64.59 | 20.32 | | | | | | | | | | | | | | | |
| | 43 | 42.24 | 13.83 | 49.75 | 16.74 | 57.27 | 20.38 | 59.78 | 20.38 | 60.44 | 21.00 | 62.02 | 21.00 | 63 | | | | | | | | | | | | | | | | |

Continued

| | | | YCV615HR | | | | | | Cooling Capacity | | | | | | | |
|---------------------|----------------------|-------|----------------------|-------|---------|-------|---------|-------|------------------|-------|---------|-------|---------|-------|---------|----|
| Capacity Factor (%) | Outdoor Temp (°C WB) | | Indoor Temp. (°C WB) | | | | | | | | | | | | | |
| | | | 14 (°C) | | 16 (°C) | | 18 (°C) | | 19.4 (°C) | | 20 (°C) | | 22 (°C) | | 24 (°C) | |
| | | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| | | | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| 90% | -5 | 38.01 | 5.34 | 44.78 | 6.40 | 51.54 | 7.43 | 55.35 | 7.91 | 58.56 | 8.61 | 65.18 | 9.53 | 71.91 | 10.64 | |
| | 0 | 38.01 | 5.40 | 44.78 | 6.46 | 51.54 | 7.51 | 55.35 | 7.99 | 58.56 | 8.71 | 65.18 | 9.63 | 71.91 | 10.76 | |
| | 5 | 38.01 | 5.50 | 44.78 | 6.56 | 51.54 | 7.63 | 55.35 | 8.11 | 58.56 | 8.85 | 65.18 | 9.77 | 71.91 | 10.92 | |
| | 10 | 38.01 | 5.59 | 44.78 | 6.67 | 51.54 | 7.76 | 55.35 | 8.34 | 58.56 | 8.91 | 65.18 | 10.06 | 71.91 | 11.22 | |
| | 15 | 38.01 | 5.83 | 44.78 | 6.96 | 51.54 | 8.11 | 55.35 | 8.68 | 58.56 | 9.32 | 65.18 | 10.51 | 71.91 | 11.72 | |
| | 20 | 38.01 | 6.10 | 44.78 | 7.29 | 51.54 | 8.49 | 55.35 | 9.16 | 58.56 | 9.98 | 65.18 | 11.66 | 71.91 | 13.47 | |
| | 25 | 38.01 | 6.71 | 44.78 | 8.30 | 51.54 | 10.04 | 55.35 | 10.96 | 58.56 | 11.91 | 65.18 | 13.95 | 70.62 | 15.68 | |
| | 30 | 38.01 | 7.92 | 44.78 | 9.80 | 51.54 | 11.88 | 55.35 | 12.97 | 58.56 | 14.12 | 65.18 | 16.55 | 68.25 | 17.42 | |
| | 35 | 38.01 | 9.26 | 44.78 | 11.49 | 51.54 | 13.95 | 55.35 | 15.25 | 58.56 | 16.58 | 64.39 | 19.07 | 65.68 | 19.26 | |
| | 41 | 38.01 | 10.67 | 44.78 | 13.39 | 51.54 | 16.16 | 55.35 | 17.81 | 58.56 | 19.05 | 61.72 | 20.71 | 63.01 | 20.71 | |
| | 43 | 38.01 | 11.05 | 44.78 | 14.55 | 51.54 | 17.33 | 55.35 | 18.65 | 58.56 | 19.61 | 59.75 | 21.00 | 61.62 | 21.00 | |
| 80% | -5 | 33.79 | 4.73 | 39.80 | 5.63 | 45.82 | 6.53 | 49.20 | 7.09 | 51.83 | 7.37 | 57.96 | 8.38 | 64.00 | 9.04 | |
| | 0 | 33.79 | 4.79 | 39.80 | 5.69 | 45.82 | 6.61 | 49.20 | 7.17 | 51.83 | 7.47 | 57.96 | 8.48 | 64.00 | 9.16 | |
| | 5 | 33.79 | 4.89 | 39.80 | 5.79 | 45.82 | 6.73 | 49.20 | 7.29 | 51.83 | 7.61 | 57.96 | 8.61 | 64.00 | 9.32 | |
| | 10 | 33.79 | 4.96 | 39.80 | 5.88 | 45.82 | 6.84 | 49.20 | 7.46 | 51.83 | 7.82 | 57.96 | 8.85 | 64.00 | 9.85 | |
| | 15 | 33.79 | 5.16 | 39.80 | 6.14 | 45.82 | 7.15 | 49.20 | 7.65 | 51.83 | 8.17 | 57.96 | 9.24 | 64.00 | 10.30 | |
| | 20 | 33.79 | 5.38 | 39.80 | 6.40 | 45.82 | 7.46 | 49.20 | 8.01 | 51.83 | 8.56 | 57.96 | 9.85 | 64.00 | 11.36 | |
| | 25 | 33.79 | 5.79 | 39.80 | 7.11 | 45.82 | 8.56 | 49.20 | 9.32 | 51.83 | 10.10 | 57.96 | 11.80 | 64.00 | 13.58 | |
| | 30 | 33.79 | 6.83 | 39.80 | 8.40 | 45.82 | 10.10 | 49.20 | 11.02 | 51.83 | 11.97 | 57.96 | 13.96 | 64.00 | 16.16 | |
| | 35 | 33.79 | 7.99 | 39.80 | 9.83 | 45.82 | 11.88 | 49.20 | 12.95 | 51.83 | 14.06 | 57.96 | 16.36 | 64.00 | 19.07 | |
| | 41 | 33.79 | 9.05 | 39.80 | 11.70 | 45.82 | 13.81 | 49.20 | 15.05 | 51.83 | 16.34 | 57.96 | 18.87 | 61.23 | 20.32 | |
| | 43 | 33.79 | 9.65 | 39.80 | 11.70 | 45.82 | 14.92 | 49.20 | 15.99 | 51.83 | 17.09 | 56.29 | 19.65 | 59.05 | 20.71 | |
| 70% | -5 | 29.57 | 4.09 | 34.83 | 4.87 | 40.09 | 5.46 | 43.05 | 6.11 | 45.40 | 6.34 | 50.64 | 7.21 | 56.08 | 7.78 | |
| | 0 | 29.57 | 4.15 | 34.83 | 4.93 | 40.09 | 5.53 | 43.05 | 6.19 | 45.40 | 6.44 | 50.64 | 7.30 | 56.08 | 7.89 | |
| | 5 | 29.57 | 4.25 | 34.83 | 5.03 | 40.09 | 5.65 | 43.05 | 6.31 | 45.40 | 6.58 | 50.64 | 7.44 | 56.08 | 8.05 | |
| | 10 | 29.57 | 4.33 | 34.83 | 5.11 | 40.09 | 5.91 | 43.05 | 6.35 | 45.40 | 6.77 | 50.64 | 7.63 | 56.08 | 8.52 | |
| | 15 | 29.57 | 4.50 | 34.83 | 5.32 | 40.09 | 6.18 | 43.05 | 6.61 | 45.40 | 7.06 | 50.64 | 7.96 | 56.08 | 8.90 | |
| | 20 | 29.57 | 4.69 | 34.83 | 5.56 | 40.09 | 6.46 | 43.05 | 6.92 | 45.40 | 7.37 | 50.64 | 8.34 | 56.08 | 9.40 | |
| | 25 | 29.57 | 4.95 | 34.83 | 6.02 | 40.09 | 7.19 | 43.05 | 7.80 | 45.40 | 8.45 | 50.64 | 9.80 | 56.08 | 11.24 | |
| | 30 | 29.57 | 5.83 | 34.83 | 7.06 | 40.09 | 8.49 | 43.05 | 9.22 | 45.40 | 10.00 | 50.64 | 11.60 | 56.08 | 13.32 | |
| | 35 | 29.57 | 6.80 | 34.83 | 8.30 | 40.09 | 9.96 | 43.05 | 10.82 | 45.40 | 11.72 | 50.64 | 13.63 | 56.08 | 15.68 | |
| | 41 | 29.57 | 7.75 | 34.83 | 9.65 | 40.09 | 11.63 | 43.05 | 12.62 | 45.40 | 13.65 | 50.64 | 15.77 | 56.08 | 18.29 | |
| | 43 | 29.57 | 8.32 | 34.83 | 10.45 | 40.09 | 12.58 | 43.05 | 13.77 | 45.40 | 14.80 | 49.46 | 16.55 | 55.49 | 19.07 | |
| 60% | -5 | 25.34 | 3.51 | 29.85 | 4.17 | 34.36 | 4.75 | 36.90 | 5.15 | 38.97 | 5.38 | 43.42 | 5.86 | 47.97 | 6.47 | |
| | 0 | 25.34 | 3.57 | 29.85 | 4.23 | 34.36 | 4.83 | 36.90 | 5.22 | 38.97 | 5.48 | 43.42 | 5.96 | 47.97 | 6.59 | |
| | 5 | 25.34 | 3.67 | 29.85 | 4.33 | 34.36 | 4.95 | 36.90 | 5.34 | 38.97 | 5.61 | 43.42 | 6.10 | 47.97 | 6.75 | |
| | 10 | 25.34 | 3.74 | 29.85 | 4.38 | 34.36 | 5.03 | 36.90 | 5.57 | 38.97 | 5.75 | 43.42 | 6.46 | 47.97 | 7.19 | |
| | 15 | 25.34 | 3.88 | 29.85 | 4.55 | 34.36 | 5.25 | 36.90 | 5.61 | 38.97 | 6.00 | 43.42 | 6.73 | 47.97 | 7.50 | |
| | 20 | 25.34 | 4.05 | 29.85 | 4.75 | 34.36 | 5.48 | 36.90 | 5.86 | 38.97 | 6.24 | 43.42 | 7.04 | 47.97 | 7.84 | |
| | 25 | 25.34 | 4.21 | 29.85 | 5.00 | 34.36 | 5.91 | 36.90 | 6.42 | 38.97 | 6.92 | 43.42 | 7.98 | 47.97 | 9.10 | |
| | 30 | 25.34 | 4.89 | 29.85 | 5.90 | 34.36 | 8.90 | 36.90 | 7.57 | 38.97 | 8.13 | 43.42 | 9.42 | 47.97 | 10.75 | |
| | 35 | 25.34 | 5.68 | 29.85 | 6.88 | 34.36 | 8.19 | 36.90 | 8.86 | 38.97 | 9.57 | 43.42 | 11.05 | 47.97 | 12.62 | |
| | 41 | 25.34 | 6.61 | 29.85 | 6.04 | 34.36 | 9.42 | 36.90 | 9.71 | 38.97 | 11.11 | 43.42 | 12.87 | 47.97 | 14.74 | |
| | 43 | 25.34 | 7.19 | 29.85 | 6.61 | 34.36 | 9.80 | 36.90 | 10.65 | 38.97 | 12.07 | 43.42 | 14.02 | 47.97 | 15.05 | |
| 50% | -5 | 21.12 | 2.96 | 24.88 | 3.46 | 28.64 | 3.95 | 30.75 | 4.25 | 32.34 | 4.42 | 36.20 | 4.90 | 39.96 | 5.47 | |
| | 0 | 21.12 | 3.02 | 24.88 | 3.52 | 28.64 | 4.03 | 30.75 | 4.32 | 32.34 | 4.52 | 36.20 | 5.00 | 39.96 | 5.59 | |
| | 5 | 21.12 | 3.12 | 24.88 | 3.62 | 28.64 | 4.15 | 30.75 | 4.44 | 32.34 | 4.65 | 36.20 | 5.14 | 39.96 | 5.75 | |
| | 10 | 21.12 | 3.16 | 24.88 | 3.67 | 28.64 | 4.21 | 30.75 | 4.48 | 32.34 | 4.75 | 36.20 | 5.32 | 39.96 | 5.90 | |
| | 15 | 21.12 | 3.27 | 24.88 | 3.81 | 28.64 | 4.36 | 30.75 | 4.65 | 32.34 | 4.95 | 36.20 | 5.54 | 39.96 | 6.15 | |
| | 20 | 21.12 | 3.40 | 24.88 | 3.96 | 28.64 | 4.55 | 30.75 | 4.87 | 32.34 | 5.18 | 36.20 | 5.79 | 39.96 | 6.44 | |
| | 25 | 21.12 | 3.54 | 24.88 | 4.13 | 28.64 | 4.77 | 30.75 | 5.14 | 32.34 | 5.52 | 36.20 | 6.33 | 39.96 | 7.15 | |
| | 30 | 21.12 | 4.03 | 24.88 | 4.78 | 28.64 | 5.61 | 30.75 | 6.06 | 32.34 | 6.51 | 36.20 | 7.44 | 39.96 | 8.45 | |
| | 35 | 21.12 | 4.67 | 24.88 | 5.59 | 28.64 | 6.58 | 30.75 | 7.06 | 32.34 | 7.61 | 36.20 | 8.72 | 39.96 | 9.89 | |
| | 41 | 21.12 | 5.45 | 24.88 | 6.47 | 28.64 | 7.59 | 30.75 | 8.17 | 32.34 | 8.85 | 36.20 | 10.43 | 39.96 | 11.65 | |
| | 43 | 21.12 | 6.02 | 24.88 | 7.06 | 28.64 | 8.19 | 30.75 | 9.32 | 32.34 | 9.58 | 36.20 | 11.00 | 39.96 | 12.97 | |

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

| | | | YCV680HR | | | | | | | | Cooling Capacity | | | | | | | | | | | | | | | |
|---------------------|----------------------|-------|-----------------------|-------|-------|-------|---------|-------|-------|-------|------------------|-------|-------|-------|-----------|----|----|----|---------|----|----|----|---------|--|--|--|
| Capacity Factor (%) | Outdoor Temp (°C WB) | | Indoor Temp. (°C WB) | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 14 (°C) | | | | 16 (°C) | | | | 18 (°C) | | | | 19.4 (°C) | | | | 20 (°C) | | | | 22 (°C) | | | |
| | | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | | | | |
| 130% | -5 | 60.88 | 9.57 | 71.79 | 11.64 | 82.70 | 13.58 | 88.05 | 15.30 | 91.33 | 14.96 | 93.61 | 13.55 | 95.49 | 12.55 | | | | | | | | | | | |
| | 0 | 60.88 | 9.63 | 71.79 | 11.71 | 82.70 | 13.67 | 88.05 | 15.38 | 91.33 | 15.06 | 93.61 | 13.66 | 95.49 | 12.68 | | | | | | | | | | | |
| | 5 | 60.88 | 9.74 | 71.79 | 11.81 | 82.70 | 13.79 | 88.05 | 15.51 | 91.33 | 15.21 | 93.61 | 13.81 | 95.49 | 12.85 | | | | | | | | | | | |
| | 10 | 60.88 | 10.10 | 71.79 | 12.23 | 82.70 | 14.39 | 88.45 | 15.47 | 89.24 | 15.19 | 91.32 | 14.51 | 93.41 | 13.81 | | | | | | | | | | | |
| | 15 | 60.88 | 10.59 | 71.79 | 12.79 | 82.70 | 15.05 | 85.97 | 15.45 | 86.96 | 15.28 | 88.45 | 15.31 | 90.73 | 15.36 | | | | | | | | | | | |
| | 20 | 60.88 | 11.15 | 71.79 | 14.23 | 81.80 | 17.28 | 83.29 | 17.34 | 83.59 | 17.44 | 85.77 | 17.61 | 87.75 | 17.76 | | | | | | | | | | | |
| | 25 | 60.88 | 13.45 | 71.79 | 17.14 | 79.03 | 19.56 | 80.31 | 19.68 | 80.91 | 19.71 | 83.09 | 19.88 | 84.98 | 20.09 | | | | | | | | | | | |
| | 30 | 60.88 | 15.94 | 71.79 | 19.90 | 76.15 | 21.89 | 76.95 | 21.97 | 78.14 | 22.00 | 79.13 | 22.21 | 82.20 | 22.85 | | | | | | | | | | | |
| | 35 | 60.88 | 18.93 | 71.20 | 23.90 | 73.87 | 24.22 | 74.27 | 24.29 | 75.36 | 24.40 | 77.44 | 24.64 | 79.43 | 24.86 | | | | | | | | | | | |
| | 41 | 60.88 | 21.56 | 69.60 | 25.69 | 70.70 | 26.01 | 71.79 | 26.12 | 72.78 | 26.23 | 74.76 | 26.55 | 76.55 | 26.76 | | | | | | | | | | | |
| 120% | 43 | 60.88 | 23.47 | 68.12 | 26.33 | 69.11 | 26.55 | 70.30 | 26.97 | 71.20 | 27.18 | 73.28 | 27.45 | 74.67 | 28.26 | | | | | | | | | | | |
| | -5 | 56.32 | 8.82 | 66.24 | 10.49 | 76.45 | 11.98 | 81.31 | 13.35 | 86.96 | 14.41 | 91.82 | 14.66 | 93.71 | 13.69 | | | | | | | | | | | |
| | 0 | 56.32 | 8.89 | 66.24 | 10.56 | 76.45 | 12.06 | 81.31 | 13.43 | 86.96 | 14.51 | 91.82 | 14.76 | 93.71 | 13.82 | | | | | | | | | | | |
| | 5 | 56.32 | 8.99 | 66.24 | 10.66 | 76.45 | 12.19 | 81.31 | 13.56 | 86.96 | 14.66 | 91.82 | 14.91 | 93.71 | 13.99 | | | | | | | | | | | |
| | 10 | 56.32 | 9.19 | 66.24 | 11.15 | 76.45 | 13.13 | 81.31 | 14.11 | 86.27 | 15.12 | 89.94 | 15.00 | 91.62 | 14.38 | | | | | | | | | | | |
| | 15 | 56.32 | 9.64 | 66.24 | 11.69 | 76.45 | 13.77 | 81.31 | 14.78 | 85.28 | 15.50 | 87.06 | 15.22 | 88.85 | 15.14 | | | | | | | | | | | |
| | 20 | 56.32 | 10.10 | 66.24 | 12.62 | 76.45 | 15.61 | 81.31 | 17.20 | 82.40 | 17.33 | 84.18 | 17.47 | 86.07 | 17.63 | | | | | | | | | | | |
| | 25 | 56.32 | 11.99 | 66.24 | 15.22 | 76.45 | 18.80 | 78.63 | 19.52 | 79.72 | 19.56 | 81.61 | 19.88 | 83.29 | 19.88 | | | | | | | | | | | |
| | 30 | 56.32 | 14.12 | 66.24 | 18.14 | 74.57 | 21.68 | 75.76 | 21.83 | 76.85 | 21.97 | 78.43 | 22.10 | 80.42 | 22.31 | | | | | | | | | | | |
| | 35 | 56.32 | 16.88 | 66.24 | 21.47 | 72.38 | 24.01 | 73.08 | 24.08 | 74.07 | 24.19 | 75.86 | 24.43 | 77.64 | 24.75 | | | | | | | | | | | |
| 110% | 41 | 56.32 | 19.35 | 66.24 | 24.86 | 69.21 | 25.79 | 70.40 | 25.90 | 71.49 | 25.90 | 72.78 | 26.55 | 74.67 | 26.55 | | | | | | | | | | | |
| | 43 | 56.32 | 21.03 | 66.24 | 26.23 | 67.82 | 26.44 | 68.91 | 26.64 | 69.71 | 26.97 | 71.10 | 27.30 | 73.28 | 27.53 | | | | | | | | | | | |
| | -5 | 51.66 | 7.84 | 60.78 | 9.48 | 70.00 | 11.15 | 74.47 | 12.12 | 79.13 | 12.96 | 90.43 | 15.34 | 92.32 | 14.53 | | | | | | | | | | | |
| | 0 | 51.66 | 7.90 | 60.78 | 9.54 | 70.00 | 11.23 | 74.47 | 12.21 | 79.13 | 13.07 | 90.43 | 15.45 | 92.32 | 14.66 | | | | | | | | | | | |
| | 5 | 51.66 | 8.01 | 60.78 | 9.65 | 70.00 | 11.36 | 74.47 | 12.33 | 79.13 | 13.22 | 90.43 | 15.60 | 92.32 | 14.83 | | | | | | | | | | | |
| | 10 | 51.66 | 8.31 | 60.78 | 10.08 | 70.00 | 11.88 | 74.47 | 12.79 | 79.13 | 13.71 | 88.35 | 15.51 | 90.04 | 14.95 | | | | | | | | | | | |
| | 15 | 51.66 | 8.71 | 60.78 | 10.56 | 70.00 | 12.44 | 74.47 | 13.34 | 79.13 | 14.34 | 85.37 | 15.43 | 87.26 | 15.19 | | | | | | | | | | | |
| | 20 | 51.66 | 9.14 | 60.78 | 11.11 | 70.00 | 13.70 | 74.47 | 15.06 | 79.13 | 16.49 | 82.70 | 17.35 | 84.48 | 17.49 | | | | | | | | | | | |
| | 25 | 51.66 | 10.60 | 60.78 | 13.40 | 70.00 | 16.49 | 74.47 | 19.00 | 77.44 | 20.05 | 79.22 | 20.21 | 81.01 | 20.42 | | | | | | | | | | | |
| | 30 | 51.66 | 12.63 | 60.78 | 15.98 | 70.00 | 19.77 | 74.47 | 21.48 | 74.86 | 21.78 | 77.04 | 22.00 | 78.83 | 22.10 | | | | | | | | | | | |
| | 35 | 51.66 | 14.92 | 60.78 | 18.89 | 70.00 | 22.76 | 71.79 | 23.88 | 72.68 | 24.08 | 74.27 | 24.32 | 76.05 | 24.64 | | | | | | | | | | | |
| 100% | 41 | 51.66 | 17.36 | 60.78 | 22.10 | 68.12 | 24.98 | 69.21 | 25.93 | 70.00 | 25.83 | 71.20 | 26.23 | 73.28 | 26.56 | | | | | | | | | | | |
| | 43 | 51.66 | 18.82 | 60.78 | 23.68 | 66.33 | 25.60 | 67.72 | 26.24 | 68.42 | 26.67 | 69.61 | 26.98 | 71.59 | 27.31 | | | | | | | | | | | |
| | -5 | 46.80 | 7.18 | 55.13 | 8.47 | 63.46 | 10.08 | 68.00 | 11.03 | 71.89 | 11.53 | 80.32 | 13.17 | 91.82 | 15.29 | | | | | | | | | | | |
| | 0 | 46.80 | 7.25 | 55.13 | 8.54 | 63.46 | 10.17 | 68.00 | 11.12 | 71.89 | 11.63 | 80.32 | 13.27 | 91.82 | 15.41 | | | | | | | | | | | |
| | 5 | 46.80 | 7.35 | 55.13 | 8.64 | 63.46 | 10.29 | 68.00 | 11.25 | 71.89 | 11.78 | 80.32 | 13.42 | 91.82 | 15.58 | | | | | | | | | | | |
| | 10 | 46.80 | 7.45 | 55.13 | 9.02 | 63.46 | 10.62 | 68.00 | 11.45 | 71.89 | 12.27 | 80.32 | 13.92 | 89.53 | 15.50 | | | | | | | | | | | |
| | 15 | 46.80 | 7.79 | 55.13 | 9.44 | 63.46 | 11.13 | 68.00 | 12.00 | 71.89 | 12.84 | 80.32 | 14.58 | 87.05 | 15.42 | | | | | | | | | | | |
| | 20 | 46.80 | 8.18 | 55.13 | 9.91 | 63.46 | 11.88 | 68.00 | 13.07 | 71.89 | 14.29 | 80.32 | 16.89 | 84.87 | 17.35 | | | | | | | | | | | |
| | 25 | 46.80 | 9.27 | 55.13 | 11.69 | 63.46 | 14.34 | 68.00 | 15.75 | 71.89 | 17.21 | 78.43 | 19.56 | 81.99 | 19.67 | | | | | | | | | | | |
| | 30 | 46.80 | 11.04 | 55.13 | 13.87 | 63.46 | 17.08 | 68.00 | 18.67 | 71.89 | 20.45 | 75.56 | 21.79 | 78.62 | 22.00 | | | | | | | | | | | |
| | 35 | 46.80 | 13.07 | 55.13 | 16.45 | 63.46 | 20.21 | 68.00 | 19.85 | 71.39 | 23.88 | 72.88 | 24.11 | 75.45 | 24.32 | | | | | | | | | | | |
| | 41 | 46.80 | 15.17 | 55.13 | 19.03 | 63.46 | 23.50 | 67.43 | 24.69 | 68.72 | 25.84 | 70.20 | 26.12 | 71.69 | 26.03 | | | | | | | | | | | |
| | 43 | 46.80 | 16.74 | 55.13 | 20.61 | 63.46 | 25.12 | 66.56 | 25.67 | 66.93 | 26.33 | 68.81 | 26.66 | 70.10 | 26.88 | | | | | | | | | | | |

To be continued

Continued

| Capacity Factor (%) | Outdoor Temp (°C WB) | YCV680HR | | | | | | | | | | | | Cooling Capacity | | | | | | | |
|---------------------|----------------------|----------------------|-------|---------|-------|---------|-------|-----------|-------|---------|-------|---------|-------|------------------|-------|----|----|------|----|----|----|
| | | Indoor Temp. (°C WB) | | | | | | | | | | | | | | | | | | | |
| | | 14 (°C) | | 16 (°C) | | 18 (°C) | | 19.4 (°C) | | 20 (°C) | | 22 (°C) | | 24 (°C) | | | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | kW | kW | kW | kW | kW | kW |
| 90% | -5 | 42.12 | 6.16 | 49.62 | 7.53 | 57.11 | 8.87 | 61.20 | 9.52 | 64.95 | 10.24 | 72.29 | 11.60 | 79.72 | 13.00 | | | | | | |
| | 0 | 42.12 | 6.23 | 49.62 | 7.59 | 57.11 | 8.96 | 61.20 | 9.60 | 64.95 | 10.35 | 72.29 | 11.71 | 79.72 | 13.13 | | | | | | |
| | 5 | 42.12 | 6.33 | 49.62 | 7.70 | 57.11 | 9.09 | 61.20 | 9.73 | 64.95 | 10.50 | 72.29 | 11.86 | 79.72 | 13.30 | | | | | | |
| | 10 | 42.12 | 6.59 | 49.62 | 7.98 | 57.11 | 9.40 | 61.20 | 10.14 | 64.95 | 10.85 | 72.29 | 12.35 | 79.72 | 13.84 | | | | | | |
| | 15 | 42.12 | 6.91 | 49.62 | 8.34 | 57.11 | 9.83 | 61.20 | 10.59 | 64.95 | 11.38 | 72.29 | 12.91 | 79.72 | 14.47 | | | | | | |
| | 20 | 42.12 | 7.26 | 49.62 | 8.76 | 57.11 | 10.33 | 61.20 | 11.18 | 64.95 | 12.22 | 72.29 | 14.39 | 79.72 | 16.73 | | | | | | |
| | 25 | 42.12 | 8.03 | 49.62 | 10.08 | 57.11 | 12.30 | 61.20 | 13.49 | 64.95 | 14.72 | 72.29 | 17.34 | 78.23 | 19.56 | | | | | | |
| | 30 | 42.12 | 9.59 | 49.62 | 12.02 | 57.11 | 14.67 | 61.20 | 16.08 | 64.95 | 17.55 | 72.29 | 20.73 | 75.66 | 21.79 | | | | | | |
| | 35 | 42.12 | 11.32 | 49.62 | 14.18 | 57.11 | 17.33 | 61.20 | 19.01 | 64.95 | 20.76 | 71.39 | 23.90 | 72.88 | 24.11 | | | | | | |
| | 41 | 42.12 | 13.03 | 49.62 | 16.46 | 57.11 | 20.09 | 61.20 | 21.34 | 64.95 | 23.99 | 68.52 | 26.02 | 69.81 | 26.12 | | | | | | |
| | 43 | 42.12 | 14.11 | 49.62 | 17.64 | 57.11 | 21.57 | 61.20 | 23.16 | 64.95 | 24.60 | 66.24 | 25.58 | 68.32 | 26.66 | | | | | | |
| 80% | -5 | 37.44 | 5.42 | 44.11 | 6.57 | 50.77 | 7.69 | 54.40 | 8.34 | 57.51 | 8.83 | 64.25 | 10.10 | 71.00 | 11.16 | | | | | | |
| | 0 | 37.44 | 5.49 | 44.11 | 6.63 | 50.77 | 7.77 | 54.40 | 8.43 | 57.51 | 8.94 | 64.25 | 10.21 | 71.00 | 11.29 | | | | | | |
| | 5 | 37.44 | 5.59 | 44.11 | 6.74 | 50.77 | 7.90 | 54.40 | 8.55 | 57.51 | 9.09 | 64.25 | 10.36 | 71.00 | 11.46 | | | | | | |
| | 10 | 37.44 | 5.79 | 44.11 | 6.98 | 50.77 | 8.20 | 54.40 | 8.90 | 57.51 | 9.47 | 64.25 | 10.77 | 71.00 | 12.07 | | | | | | |
| | 15 | 37.44 | 6.04 | 44.11 | 7.29 | 50.77 | 8.59 | 54.40 | 9.25 | 57.51 | 9.91 | 64.25 | 11.28 | 71.00 | 12.64 | | | | | | |
| | 20 | 37.44 | 6.34 | 44.11 | 7.64 | 50.77 | 9.00 | 54.40 | 9.69 | 57.51 | 10.41 | 64.25 | 12.07 | 71.00 | 14.35 | | | | | | |
| | 25 | 37.44 | 6.86 | 44.11 | 8.55 | 50.77 | 10.41 | 54.40 | 11.38 | 57.51 | 12.40 | 64.25 | 14.57 | 71.00 | 17.65 | | | | | | |
| | 30 | 37.44 | 8.20 | 44.11 | 10.21 | 50.77 | 12.40 | 54.40 | 13.58 | 57.51 | 14.79 | 64.25 | 17.35 | 71.00 | 20.09 | | | | | | |
| | 35 | 37.44 | 9.68 | 44.11 | 12.06 | 50.77 | 14.67 | 54.40 | 16.06 | 57.51 | 17.49 | 64.25 | 20.52 | 71.00 | 23.79 | | | | | | |
| | 41 | 37.44 | 11.24 | 44.11 | 14.08 | 50.77 | 16.99 | 54.40 | 18.63 | 57.51 | 20.40 | 63.76 | 23.80 | 67.92 | 25.70 | | | | | | |
| | 43 | 37.44 | 12.65 | 44.11 | 14.84 | 50.77 | 18.19 | 54.40 | 20.13 | 57.51 | 21.97 | 62.58 | 24.64 | 65.34 | 26.34 | | | | | | |
| 70% | -5 | 32.76 | 4.64 | 38.59 | 5.60 | 44.42 | 6.48 | 47.60 | 7.10 | 50.27 | 7.54 | 56.22 | 8.61 | 62.17 | 7.83 | | | | | | |
| | 0 | 32.76 | 4.71 | 38.59 | 5.67 | 44.42 | 6.57 | 47.60 | 7.19 | 50.27 | 7.65 | 56.22 | 8.71 | 62.17 | 7.95 | | | | | | |
| | 5 | 32.76 | 4.81 | 38.59 | 5.77 | 44.42 | 6.70 | 47.60 | 7.32 | 50.27 | 7.80 | 56.22 | 8.86 | 62.17 | 8.13 | | | | | | |
| | 10 | 32.76 | 4.97 | 38.59 | 5.98 | 44.42 | 7.03 | 47.60 | 7.56 | 50.27 | 8.11 | 56.22 | 9.22 | 62.17 | 10.35 | | | | | | |
| | 15 | 32.76 | 5.20 | 38.59 | 6.25 | 44.42 | 7.36 | 47.60 | 7.91 | 50.27 | 8.47 | 56.22 | 9.64 | 62.17 | 10.83 | | | | | | |
| | 20 | 32.76 | 5.45 | 38.59 | 6.56 | 44.42 | 7.72 | 47.60 | 8.31 | 50.27 | 8.91 | 56.22 | 10.14 | 62.17 | 11.49 | | | | | | |
| | 25 | 32.76 | 5.77 | 38.59 | 7.14 | 44.42 | 8.64 | 47.60 | 9.44 | 50.27 | 10.27 | 56.22 | 12.02 | 62.17 | 13.85 | | | | | | |
| | 30 | 32.76 | 6.90 | 38.59 | 8.52 | 44.42 | 10.33 | 47.60 | 11.27 | 50.27 | 12.24 | 56.22 | 14.33 | 62.17 | 16.50 | | | | | | |
| | 35 | 32.76 | 8.17 | 38.59 | 10.08 | 44.42 | 12.19 | 47.60 | 13.31 | 50.27 | 14.45 | 56.22 | 16.92 | 62.17 | 19.56 | | | | | | |
| | 41 | 32.76 | 9.31 | 38.59 | 11.54 | 44.42 | 14.14 | 47.60 | 15.27 | 50.27 | 16.78 | 56.22 | 19.56 | 62.17 | 22.74 | | | | | | |
| | 43 | 32.76 | 9.93 | 38.59 | 12.30 | 44.42 | 15.54 | 47.60 | 16.89 | 50.27 | 18.16 | 55.04 | 21.05 | 61.58 | 24.44 | | | | | | |
| 60% | -5 | 28.08 | 3.89 | 33.08 | 4.70 | 38.08 | 5.47 | 40.80 | 5.95 | 43.23 | 6.28 | 48.19 | 7.04 | 53.25 | 7.87 | | | | | | |
| | 0 | 28.08 | 3.95 | 33.08 | 4.77 | 38.08 | 5.55 | 40.80 | 6.04 | 43.23 | 6.39 | 48.19 | 7.15 | 53.25 | 8.00 | | | | | | |
| | 5 | 28.08 | 4.06 | 33.08 | 4.88 | 38.08 | 5.68 | 40.80 | 6.17 | 43.23 | 6.54 | 48.19 | 7.30 | 53.25 | 8.17 | | | | | | |
| | 10 | 28.08 | 4.21 | 33.08 | 5.04 | 38.08 | 5.89 | 40.80 | 6.43 | 43.23 | 6.79 | 48.19 | 7.70 | 53.25 | 8.64 | | | | | | |
| | 15 | 28.08 | 4.40 | 33.08 | 5.26 | 38.08 | 6.17 | 40.80 | 6.64 | 43.23 | 7.10 | 48.19 | 8.06 | 53.25 | 9.06 | | | | | | |
| | 20 | 28.08 | 4.60 | 33.08 | 5.51 | 38.08 | 6.44 | 40.80 | 6.95 | 43.23 | 7.45 | 48.19 | 8.46 | 53.25 | 9.49 | | | | | | |
| | 25 | 28.08 | 4.82 | 33.08 | 5.85 | 38.08 | 7.03 | 40.80 | 7.65 | 43.23 | 8.31 | 48.19 | 9.67 | 53.25 | 11.10 | | | | | | |
| | 30 | 28.08 | 5.68 | 33.08 | 7.00 | 38.08 | 9.34 | 40.80 | 9.14 | 43.23 | 9.89 | 48.19 | 11.51 | 53.25 | 13.24 | | | | | | |
| | 35 | 28.08 | 6.72 | 33.08 | 8.26 | 38.08 | 9.92 | 40.80 | 10.80 | 43.23 | 11.71 | 48.19 | 13.60 | 53.25 | 15.64 | | | | | | |
| | 41 | 28.08 | 7.72 | 33.08 | 8.52 | 38.08 | 11.39 | 40.80 | 12.17 | 43.23 | 13.53 | 48.19 | 15.77 | 53.25 | 18.18 | | | | | | |
| | 43 | 28.08 | 8.42 | 33.08 | 8.92 | 38.08 | 12.20 | 40.80 | 13.51 | 43.23 | 14.77 | 48.19 | 17.05 | 53.25 | 19.36 | | | | | | |
| 50% | -5 | 23.40 | 3.19 | 27.57 | 3.87 | 31.73 | 4.44 | 34.00 | 4.73 | 35.90 | 5.04 | 40.16 | 5.73 | 44.32 | 6.42 | | | | | | |
| | 0 | 23.40 | 3.26 | 27.57 | 3.93 | 31.73 | 4.52 | 34.00 | 4.82 | 35.90 | 5.15 | 40.16 | 5.84 | 44.32 | 6.55 | | | | | | |
| | 5 | 23.40 | 3.36 | 27.57 | 4.04 | 31.73 | 4.65 | 34.00 | 4.95 | 35.90 | 5.30 | 40.16 | 5.99 | 44.32 | 6.72 | | | | | | |
| | 10 | 23.40 | 3.47 | 27.57 | 4.13 | 31.73 | 4.82 | 34.00 | 5.16 | 35.90 | 5.51 | 40.16 | 6.25 | 44.32 | 7.00 | | | | | | |
| | 15 | 23.40 | 3.61 | 27.57 | 4.26 | 31.73 | 5.03 | 34.00 | 5.40 | 35.90 | 5.78 | 40.16 | 6.53 | 44.32 | 7.32 | | | | | | |
| | 20 | 23.40 | 3.77 | 27.57 | 4.51 | 31.73 | 5.26 | 34.00 | 5.65 | 35.90 | 6.05 | 40.16 | 6.86 | 44.32 | 7.69 | | | | | | |
| | 25 | 23.40 | 3.96 | 27.57 | 4.71 | 31.73 | 5.54 | 34.00 | 6.01 | 35.90 | 6.51 | 40.16 | 7.53 | 44.32 | 8.60 | | | | | | |
| | 30 | 23.40 | 4.57 | 27.57 | 5.56 | 31.73 | 6.62 | 34.00 | 7.19 | 35.90 | 7.79 | 40.16 | 9.00 | 44.32 | 10.27 | | | | | | |
| | 35 | 23.40 | 5.43 | 27.57 | 6.59 | 31.73 | 7.86 | 34.00 | 8.50 | 35.90 | 9.19 | 40.16 | 10.62 | 44.32 | 12.12 | | | | | | |
| | 41 | 23.40 | 6.23 | 27.57 | 7.27 | 31.73 | 9.01 | 34.00 | 9.77 | 35.90 | 10.60 | 40.16 | 12.41 | 44.32 | 14.10 | | | | | | |
| | 43 | 23.40 | 6.93 | 27.57 | 7.97 | 31.73 | 9.82 | 34.00 | 10.86 | 35.90 | 11.47 | 40.16 | 13.36 | 44.32 | 15.52 | | | </td | | | |

| | | YCV730HR | | | | | | Cooling Capacity | | | | | | | | | | | | | | | | | | | |
|---------------------|----------------------|-----------------------|-------|-------|-------|---------|-------|------------------|-------|---------|-------|--------|-------|-----------|-------|----|----|---------|----|----|----|---------|----|---------|----|--|--|
| Capacity Factor (%) | Outdoor Temp (°C WB) | Indoor Temp. (°C WB) | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 14 (°C) | | | | 16 (°C) | | | | 18 (°C) | | | | 19.4 (°C) | | | | 20 (°C) | | | | 22 (°C) | | 24 (°C) | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | | |
| 130% | -5 | 66.82 | 10.22 | 78.89 | 12.44 | 90.86 | 14.53 | 96.64 | 16.36 | 100.30 | 16.00 | 102.85 | 14.50 | 105.18 | 13.40 | | | | | | | | | | | | |
| | 0 | 66.82 | 10.28 | 78.89 | 12.50 | 90.86 | 14.61 | 96.64 | 16.45 | 100.30 | 16.10 | 102.85 | 14.60 | 105.18 | 13.53 | | | | | | | | | | | | |
| | 5 | 66.82 | 10.39 | 78.89 | 12.61 | 90.86 | 14.74 | 96.64 | 16.57 | 100.30 | 16.25 | 102.85 | 14.75 | 105.18 | 13.70 | | | | | | | | | | | | |
| | 10 | 66.82 | 10.80 | 78.89 | 13.07 | 90.86 | 15.38 | 97.04 | 16.54 | 97.95 | 16.24 | 100.28 | 15.50 | 102.83 | 14.76 | | | | | | | | | | | | |
| | 15 | 66.82 | 11.31 | 78.89 | 13.67 | 90.86 | 16.08 | 94.29 | 16.51 | 95.41 | 16.33 | 97.04 | 16.35 | 99.89 | 16.42 | | | | | | | | | | | | |
| | 20 | 66.82 | 11.92 | 78.89 | 15.21 | 89.84 | 18.46 | 91.45 | 18.54 | 91.87 | 18.64 | 94.10 | 18.81 | 96.64 | 18.99 | | | | | | | | | | | | |
| | 25 | 66.82 | 14.37 | 78.89 | 18.31 | 86.79 | 20.95 | 88.20 | 20.96 | 88.93 | 21.10 | 91.26 | 21.26 | 93.60 | 21.58 | | | | | | | | | | | | |
| | 30 | 66.82 | 17.04 | 78.89 | 21.35 | 83.66 | 23.46 | 84.57 | 23.53 | 85.89 | 23.56 | 87.03 | 23.77 | 90.56 | 24.40 | | | | | | | | | | | | |
| | 35 | 66.82 | 20.22 | 78.18 | 25.54 | 81.11 | 25.85 | 81.63 | 26.03 | 82.74 | 26.13 | 85.07 | 26.37 | 87.41 | 26.58 | | | | | | | | | | | | |
| | 41 | 66.82 | 23.14 | 76.34 | 27.52 | 77.68 | 27.83 | 78.79 | 27.94 | 79.91 | 28.04 | 82.13 | 28.36 | 84.38 | 28.67 | | | | | | | | | | | | |
| 120% | 43 | 66.82 | 25.01 | 74.71 | 28.15 | 75.85 | 28.46 | 77.16 | 28.87 | 78.19 | 29.08 | 80.51 | 29.38 | 82.26 | 29.68 | | | | | | | | | | | | |
| | -5 | 61.85 | 9.43 | 72.70 | 11.22 | 83.96 | 12.80 | 89.33 | 14.28 | 95.53 | 15.41 | 100.91 | 15.67 | 103.25 | 14.63 | | | | | | | | | | | | |
| | 0 | 61.85 | 9.49 | 72.70 | 11.29 | 83.96 | 12.89 | 89.33 | 14.36 | 95.53 | 15.52 | 100.91 | 15.78 | 103.25 | 14.75 | | | | | | | | | | | | |
| | 5 | 61.85 | 9.60 | 72.70 | 11.39 | 83.96 | 13.01 | 89.33 | 14.49 | 95.53 | 15.66 | 100.91 | 15.92 | 103.25 | 14.92 | | | | | | | | | | | | |
| | 10 | 61.85 | 9.82 | 72.70 | 11.92 | 83.96 | 14.03 | 89.33 | 15.09 | 94.71 | 16.16 | 98.66 | 16.04 | 100.90 | 15.36 | | | | | | | | | | | | |
| | 15 | 61.85 | 10.30 | 72.70 | 12.49 | 83.96 | 14.72 | 89.33 | 15.79 | 93.60 | 16.56 | 95.52 | 16.27 | 97.86 | 16.17 | | | | | | | | | | | | |
| | 20 | 61.85 | 10.80 | 72.70 | 13.49 | 83.96 | 16.69 | 89.33 | 18.39 | 90.55 | 18.52 | 92.38 | 18.67 | 94.71 | 18.85 | | | | | | | | | | | | |
| | 25 | 61.85 | 12.81 | 72.70 | 16.27 | 83.96 | 20.10 | 86.39 | 20.91 | 87.61 | 20.95 | 89.64 | 21.16 | 91.67 | 21.26 | | | | | | | | | | | | |
| | 30 | 61.85 | 15.08 | 72.70 | 19.40 | 81.94 | 23.25 | 83.25 | 23.39 | 84.47 | 23.42 | 86.19 | 23.66 | 88.53 | 23.87 | | | | | | | | | | | | |
| | 35 | 61.85 | 18.04 | 72.70 | 22.95 | 79.49 | 25.64 | 80.31 | 25.82 | 81.33 | 25.93 | 83.35 | 26.17 | 85.49 | 26.48 | | | | | | | | | | | | |
| 110% | 41 | 61.85 | 20.74 | 72.70 | 26.58 | 76.05 | 27.62 | 77.26 | 27.62 | 78.48 | 27.62 | 80.02 | 28.36 | 82.25 | 28.36 | | | | | | | | | | | | |
| | 43 | 61.85 | 22.51 | 72.70 | 28.04 | 74.43 | 28.25 | 75.64 | 28.55 | 76.56 | 28.87 | 78.09 | 29.20 | 80.72 | 29.48 | | | | | | | | | | | | |
| | -5 | 56.68 | 8.36 | 66.72 | 10.13 | 76.86 | 11.92 | 81.83 | 12.96 | 86.90 | 13.87 | 99.29 | 16.41 | 101.73 | 15.55 | | | | | | | | | | | | |
| | 0 | 56.68 | 8.43 | 66.72 | 10.19 | 76.86 | 12.00 | 81.83 | 13.05 | 86.90 | 13.97 | 99.29 | 16.52 | 101.73 | 15.67 | | | | | | | | | | | | |
| | 5 | 56.68 | 8.53 | 66.72 | 10.30 | 76.86 | 12.13 | 81.83 | 13.17 | 86.90 | 14.12 | 99.29 | 16.67 | 101.73 | 15.84 | | | | | | | | | | | | |
| | 10 | 56.68 | 8.87 | 66.72 | 10.76 | 76.86 | 12.69 | 81.83 | 13.67 | 86.90 | 14.64 | 96.94 | 16.57 | 99.18 | 15.98 | | | | | | | | | | | | |
| | 15 | 56.68 | 9.29 | 66.72 | 11.28 | 76.86 | 13.29 | 81.83 | 14.26 | 86.90 | 15.32 | 93.69 | 16.49 | 96.03 | 16.24 | | | | | | | | | | | | |
| | 20 | 56.68 | 9.75 | 66.72 | 11.87 | 76.86 | 14.63 | 81.83 | 16.09 | 86.90 | 17.64 | 90.86 | 18.55 | 92.99 | 18.70 | | | | | | | | | | | | |
| | 25 | 56.68 | 11.32 | 66.72 | 14.32 | 76.86 | 17.64 | 81.83 | 20.35 | 85.06 | 21.43 | 86.99 | 21.58 | 89.13 | 21.90 | | | | | | | | | | | | |
| | 30 | 56.68 | 13.51 | 66.72 | 17.07 | 76.86 | 21.16 | 81.83 | 23.05 | 82.24 | 23.24 | 84.67 | 23.56 | 86.80 | 23.66 | | | | | | | | | | | | |
| | 35 | 56.68 | 15.95 | 66.72 | 20.19 | 76.86 | 24.30 | 78.79 | 25.62 | 79.80 | 25.72 | 81.63 | 26.06 | 83.76 | 26.27 | | | | | | | | | | | | |
| | 41 | 56.68 | 18.55 | 66.72 | 23.59 | 74.73 | 26.80 | 75.95 | 27.75 | 76.86 | 27.65 | 78.19 | 28.15 | 80.72 | 28.46 | | | | | | | | | | | | |
| | 43 | 56.68 | 20.12 | 66.72 | 25.33 | 72.80 | 27.42 | 74.32 | 28.05 | 75.14 | 28.58 | 76.47 | 28.88 | 78.80 | 29.30 | | | | | | | | | | | | |
| 100% | -5 | 51.41 | 7.69 | 60.54 | 9.06 | 69.66 | 10.77 | 73.00 | 11.78 | 78.99 | 12.33 | 88.22 | 14.08 | 101.09 | 16.36 | | | | | | | | | | | | |
| | 0 | 51.41 | 7.75 | 60.54 | 9.13 | 69.66 | 10.86 | 73.00 | 11.86 | 78.99 | 12.43 | 88.22 | 14.18 | 101.09 | 16.49 | | | | | | | | | | | | |
| | 5 | 51.41 | 7.86 | 60.54 | 9.23 | 69.66 | 10.98 | 73.00 | 11.99 | 78.99 | 12.58 | 88.22 | 14.33 | 101.09 | 16.66 | | | | | | | | | | | | |
| | 10 | 51.41 | 7.94 | 60.54 | 9.64 | 69.66 | 11.35 | 73.00 | 12.22 | 78.99 | 13.11 | 88.22 | 14.88 | 98.43 | 16.56 | | | | | | | | | | | | |
| | 15 | 51.41 | 8.30 | 60.54 | 10.08 | 69.66 | 11.89 | 73.00 | 12.82 | 78.99 | 13.73 | 88.22 | 15.58 | 95.68 | 16.48 | | | | | | | | | | | | |
| | 20 | 51.41 | 8.73 | 60.54 | 10.59 | 69.66 | 12.69 | 73.00 | 13.97 | 78.99 | 15.28 | 88.22 | 18.05 | 93.23 | 18.55 | | | | | | | | | | | | |
| | 25 | 51.41 | 9.90 | 60.54 | 12.49 | 69.66 | 15.32 | 73.00 | 16.84 | 78.99 | 18.41 | 86.19 | 20.85 | 90.09 | 20.95 | | | | | | | | | | | | |
| | 30 | 51.41 | 11.79 | 60.54 | 14.83 | 69.66 | 18.26 | 73.00 | 19.96 | 78.99 | 21.83 | 82.95 | 23.25 | 86.45 | 23.56 | | | | | | | | | | | | |
| | 35 | 51.41 | 13.97 | 60.54 | 17.59 | 69.66 | 21.61 | 73.00 | 21.65 | 78.38 | 25.52 | 80.01 | 25.85 | 83.02 | 26.06 | | | | | | | | | | | | |
| | 41 | 51.41 | 16.21 | 60.54 | 20.39 | 69.66 | 25.12 | 72.61 | 26.44 | 75.44 | 27.66 | 77.07 | 27.94 | 78.90 | 27.94 | | | | | | | | | | | | |
| | 43 | 51.41 | 17.88 | 60.54 | 21.97 | 69.66 | 26.85 | 71.74 | 27.44 | 73.52 | 28.15 | 75.54 | 28.57 | 77.17 | 28.78 | | | | | | | | | | | | |

To be continued

Continued

| | | | YCV730HR | | | | | | | | | | | | Cooling Capacity | | | | | | | | | | | |
|---------------------|----------------------|-------|----------------------|-----------|---------|-------|---------|-------|-----------|-------|---------|-------|---------|-------|------------------|----|----|----|----|----|----|----|----|----|--|--|
| Capacity Factor (%) | Outdoor Temp (°C WB) | | Indoor Temp. (°C WB) | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 14 (°C) | | 16 (°C) | | 18 (°C) | | 19.4 (°C) | | 20 (°C) | | 22 (°C) | | 24 (°C) | | | | | | | | | | | |
| | | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | | |
| 90% | -5 | 46.27 | 6.58 | 54.48 | 8.04 | 62.69 | 9.48 | 65.70 | 10.18 | 71.28 | 10.95 | 79.40 | 12.41 | 87.82 | 13.91 | | | | | | | | | | | |
| | 0 | 46.27 | 6.64 | 54.48 | 8.10 | 62.69 | 9.56 | 65.70 | 10.26 | 71.28 | 11.05 | 79.40 | 12.51 | 87.82 | 14.04 | | | | | | | | | | | |
| | 5 | 46.27 | 6.75 | 54.48 | 8.21 | 62.69 | 9.69 | 65.70 | 10.39 | 71.28 | 11.20 | 79.40 | 12.66 | 87.82 | 14.20 | | | | | | | | | | | |
| | 10 | 46.27 | 7.03 | 54.48 | 8.51 | 62.69 | 10.04 | 65.70 | 10.82 | 71.28 | 11.60 | 79.40 | 13.19 | 87.82 | 14.79 | | | | | | | | | | | |
| | 15 | 46.27 | 7.38 | 54.48 | 8.90 | 62.69 | 10.49 | 65.70 | 11.31 | 71.28 | 12.16 | 79.40 | 13.79 | 87.82 | 15.47 | | | | | | | | | | | |
| | 20 | 46.27 | 7.74 | 54.48 | 9.36 | 62.69 | 11.03 | 65.70 | 11.94 | 71.28 | 13.05 | 79.40 | 15.38 | 87.82 | 17.88 | | | | | | | | | | | |
| | 25 | 46.27 | 8.58 | 54.48 | 10.76 | 62.69 | 13.14 | 65.70 | 14.41 | 71.28 | 15.74 | 79.40 | 18.54 | 86.19 | 20.85 | | | | | | | | | | | |
| | 30 | 46.27 | 10.23 | 54.48 | 12.84 | 62.69 | 15.69 | 65.70 | 17.19 | 71.28 | 18.77 | 79.40 | 22.20 | 83.25 | 23.25 | | | | | | | | | | | |
| | 35 | 46.27 | 12.09 | 54.48 | 15.14 | 62.69 | 18.52 | 65.70 | 20.31 | 71.28 | 22.23 | 78.38 | 25.54 | 80.21 | 25.75 | | | | | | | | | | | |
| | 41 | 46.27 | 13.92 | 54.48 | 17.59 | 62.69 | 21.47 | 65.70 | 22.71 | 71.28 | 25.62 | 75.25 | 27.73 | 76.86 | 27.94 | | | | | | | | | | | |
| 80% | 43 | 46.27 | 15.11 | 54.48 | 18.84 | 62.69 | 23.04 | 65.70 | 24.81 | 71.28 | 26.23 | 72.83 | 27.41 | 75.24 | 28.57 | | | | | | | | | | | |
| | -5 | 41.13 | 5.79 | 48.43 | 7.02 | 55.73 | 8.22 | 58.40 | 8.92 | 63.07 | 9.45 | 70.57 | 10.79 | 78.19 | 11.94 | | | | | | | | | | | |
| | 0 | 41.13 | 5.85 | 48.43 | 7.08 | 55.73 | 8.30 | 58.40 | 9.00 | 63.07 | 9.55 | 70.57 | 10.90 | 78.19 | 12.07 | | | | | | | | | | | |
| | 5 | 41.13 | 5.96 | 48.43 | 7.19 | 55.73 | 8.43 | 58.40 | 9.13 | 63.07 | 9.70 | 70.57 | 11.05 | 78.19 | 12.24 | | | | | | | | | | | |
| | 10 | 41.13 | 6.18 | 48.43 | 7.45 | 55.73 | 8.74 | 58.40 | 9.49 | 63.07 | 10.11 | 70.57 | 11.51 | 78.19 | 12.89 | | | | | | | | | | | |
| | 15 | 41.13 | 6.44 | 48.43 | 7.78 | 55.73 | 9.17 | 58.40 | 9.87 | 63.07 | 10.59 | 70.57 | 12.05 | 78.19 | 13.52 | | | | | | | | | | | |
| | 20 | 41.13 | 6.76 | 48.43 | 8.15 | 55.73 | 9.61 | 58.40 | 10.35 | 63.07 | 11.12 | 70.57 | 12.89 | 78.19 | 15.36 | | | | | | | | | | | |
| | 25 | 41.13 | 7.31 | 48.43 | 9.13 | 55.73 | 11.12 | 58.40 | 12.16 | 63.07 | 13.25 | 70.57 | 15.57 | 78.19 | 18.91 | | | | | | | | | | | |
| | 30 | 41.13 | 8.74 | 48.43 | 10.91 | 55.73 | 13.25 | 58.40 | 14.52 | 63.07 | 15.80 | 70.57 | 18.55 | 78.19 | 21.58 | | | | | | | | | | | |
| | 35 | 41.13 | 10.34 | 48.43 | 12.88 | 55.73 | 15.69 | 58.40 | 17.17 | 63.07 | 18.70 | 70.57 | 21.89 | 78.19 | 25.43 | | | | | | | | | | | |
| 70% | 41 | 41.13 | 12.01 | 48.43 | 15.03 | 55.73 | 18.16 | 58.40 | 19.91 | 63.07 | 21.78 | 70.08 | 25.44 | 74.74 | 27.52 | | | | | | | | | | | |
| | 43 | 41.13 | 13.56 | 48.43 | 15.88 | 55.73 | 19.43 | 58.40 | 21.51 | 63.07 | 23.52 | 68.90 | 26.37 | 71.87 | 28.15 | | | | | | | | | | | |
| | -5 | 35.99 | 4.95 | 42.38 | 5.98 | 48.76 | 6.93 | 51.10 | 7.59 | 55.26 | 8.06 | 61.65 | 9.21 | 68.45 | 8.31 | | | | | | | | | | | |
| | 0 | 35.99 | 5.01 | 42.38 | 6.04 | 48.76 | 7.01 | 51.10 | 7.68 | 55.26 | 8.17 | 61.65 | 9.31 | 68.45 | 8.43 | | | | | | | | | | | |
| | 5 | 35.99 | 5.11 | 42.38 | 6.14 | 48.76 | 7.14 | 51.10 | 7.80 | 55.26 | 8.31 | 61.65 | 9.46 | 68.45 | 8.60 | | | | | | | | | | | |
| | 10 | 35.99 | 5.30 | 42.38 | 6.38 | 48.76 | 7.49 | 51.10 | 8.07 | 55.26 | 8.66 | 61.65 | 9.85 | 68.45 | 11.06 | | | | | | | | | | | |
| | 15 | 35.99 | 5.54 | 42.38 | 6.67 | 48.76 | 7.86 | 51.10 | 8.44 | 55.26 | 9.05 | 61.65 | 10.30 | 68.45 | 11.58 | | | | | | | | | | | |
| | 20 | 35.99 | 5.81 | 42.38 | 6.99 | 48.76 | 8.24 | 51.10 | 8.87 | 55.26 | 9.51 | 61.65 | 10.82 | 68.45 | 12.27 | | | | | | | | | | | |
| | 25 | 35.99 | 6.15 | 42.38 | 7.62 | 48.76 | 9.22 | 51.10 | 10.08 | 55.26 | 10.96 | 61.65 | 12.84 | 68.45 | 14.80 | | | | | | | | | | | |
| | 30 | 35.99 | 7.36 | 42.38 | 9.09 | 48.76 | 11.03 | 51.10 | 12.04 | 55.26 | 13.08 | 61.65 | 15.30 | 68.45 | 17.65 | | | | | | | | | | | |
| 60% | 35 | 35.99 | 8.72 | 42.38 | 10.76 | 48.76 | 13.03 | 51.10 | 14.23 | 55.26 | 15.45 | 61.65 | 18.08 | 68.45 | 20.95 | | | | | | | | | | | |
| | 41 | 35.99 | 9.94 | 42.38 | 12.32 | 48.76 | 15.10 | 51.10 | 16.31 | 55.26 | 17.93 | 61.65 | 20.95 | 68.45 | 24.29 | | | | | | | | | | | |
| | 43 | 35.99 | 10.60 | 42.38 | 13.12 | 48.76 | 16.61 | 51.10 | 18.05 | 55.26 | 19.41 | 60.47 | 22.52 | 67.86 | 26.17 | | | | | | | | | | | |
| | -5 | 30.85 | 4.14 | 36.32 | 5.02 | 41.80 | 5.84 | 43.80 | 6.36 | 47.56 | 6.72 | 52.93 | 7.54 | 58.61 | 8.43 | | | | | | | | | | | |
| | 0 | 30.85 | 4.21 | 36.32 | 5.08 | 41.80 | 5.93 | 43.80 | 6.45 | 47.56 | 6.82 | 52.93 | 7.65 | 58.61 | 8.55 | | | | | | | | | | | |
| | 5 | 30.85 | 4.31 | 36.32 | 5.19 | 41.80 | 6.05 | 43.80 | 6.57 | 47.56 | 6.97 | 52.93 | 7.79 | 58.61 | 8.72 | | | | | | | | | | | |
| | 10 | 30.85 | 4.48 | 36.32 | 5.37 | 41.80 | 6.28 | 43.80 | 6.85 | 47.56 | 7.24 | 52.93 | 8.22 | 58.61 | 9.22 | | | | | | | | | | | |
| | 15 | 30.85 | 4.69 | 36.32 | 5.60 | 41.80 | 6.57 | 43.80 | 7.08 | 47.56 | 7.57 | 52.93 | 8.60 | 58.61 | 9.67 | | | | | | | | | | | |
| | 20 | 30.85 | 4.91 | 36.32 | 5.87 | 41.80 | 6.88 | 43.80 | 7.42 | 47.56 | 7.94 | 52.93 | 9.04 | 58.61 | 10.14 | | | | | | | | | | | |
| | 25 | 30.85 | 5.13 | 36.32 | 6.23 | 41.80 | 7.49 | 43.80 | 8.16 | 47.56 | 8.87 | 52.93 | 10.33 | 58.61 | 11.86 | | | | | | | | | | | |
| | 30 | 30.85 | 6.05 | 36.32 | 7.47 | 41.80 | 9.92 | 43.80 | 9.75 | 47.56 | 10.57 | 52.93 | 12.30 | 58.61 | 14.14 | | | | | | | | | | | |
| | 35 | 30.85 | 7.17 | 36.32 | 8.83 | 41.80 | 10.60 | 43.80 | 11.54 | 47.56 | 12.52 | 52.93 | 14.53 | 58.61 | 16.71 | | | | | | | | | | | |
| 50% | 41 | 30.85 | 8.23 | 36.32 | 9.16 | 41.80 | 12.16 | 43.80 | 13.02 | 47.56 | 14.44 | 52.93 | 16.85 | 58.61 | 19.43 | | | | | | | | | | | |
| | 43 | 30.85 | 8.98 | 36.32 | 9.57 | 41.80 | 13.05 | 43.80 | 14.45 | 47.56 | 15.78 | 52.93 | 18.21 | 58.61 | 20.73 | | | | | | | | | | | |
| | -5 | 25.70 | 3.40 | 30.27 | 4.12 | 34.83 | 4.75 | 36.50 | 5.06 | 39.45 | 5.38 | 44.11 | 6.13 | 48.78 | 6.87 | | | | | | | | | | | |
| | 0 | 25.70 | 3.46 | 30.27 | 4.18 | 34.83 | 4.83 | 36.50 | 5.14 | 39.45 | 5.49 | 44.11 | 6.24 | 48.78 | 7.00 | | | | | | | | | | | |
| | 5 | 25.70 | 3.57 | 30.27 | 4.29 | 34.83 | 4.96 | 36.50 | 5.27 | 39.45 | 5.63 | 44.11 | 6.39 | 48.78 | 7.17 | | | | | | | | | | | |
| | 10 | 25.70 | 3.69 | 30.27 | 4.39 | 34.83 | 5.13 | 36.50 | 5.50 | 39.45 | 5.87 | 44.11 | 6.67 | 48.78 | 7.47 | | | | | | | | | | | |
| | 15 | 25.70 | 3.83 | 30.27</td | | | | | | | | | | | | | | | | | | | | | | |

| | | YCV800HR | | | | | | Cooling Capacity | | | | | | | |
|---------------------|----------------------|-----------------------|-------|---------|-------|---------|-------|------------------|-------|---------|-------|---------|-------|---------|-------|
| Capacity Factor (%) | Outdoor Temp (°C WB) | Indoor Temp. (°C WB) | | | | | | | | | | | | | |
| | | 14 (°C) | | 16 (°C) | | 18 (°C) | | 19.4 (°C) | | 20 (°C) | | 22 (°C) | | 24 (°C) | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| | | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| 130% | -5 | 72.05 | 11.28 | 84.99 | 13.85 | 97.93 | 16.33 | 104.70 | 18.53 | 108.88 | 18.01 | 112.06 | 16.33 | 113.85 | 14.60 |
| | 0 | 72.05 | 11.35 | 84.99 | 13.92 | 97.93 | 16.42 | 104.70 | 18.62 | 108.88 | 18.12 | 112.06 | 16.44 | 113.85 | 14.74 |
| | 5 | 72.05 | 11.46 | 84.99 | 14.03 | 97.93 | 16.55 | 104.70 | 18.75 | 108.88 | 18.28 | 112.06 | 16.59 | 113.85 | 14.91 |
| | 10 | 72.05 | 12.06 | 84.99 | 14.70 | 97.93 | 17.37 | 104.70 | 18.71 | 105.69 | 18.36 | 108.08 | 17.52 | 110.67 | 16.66 |
| | 15 | 72.05 | 12.69 | 84.99 | 15.39 | 97.93 | 18.19 | 101.11 | 18.69 | 102.51 | 18.47 | 104.70 | 18.45 | 107.48 | 18.54 |
| | 20 | 72.05 | 13.36 | 84.99 | 17.18 | 96.93 | 20.95 | 97.93 | 21.04 | 98.92 | 21.15 | 101.51 | 21.36 | 103.90 | 21.56 |
| | 25 | 72.05 | 16.21 | 84.99 | 20.78 | 93.35 | 23.74 | 94.35 | 23.95 | 95.74 | 23.95 | 98.33 | 24.17 | 100.71 | 24.38 |
| | 30 | 72.05 | 19.23 | 84.99 | 24.82 | 90.17 | 26.76 | 91.16 | 26.76 | 92.55 | 26.76 | 94.74 | 26.97 | 97.53 | 28.05 |
| | 35 | 72.05 | 23.09 | 84.39 | 29.13 | 86.98 | 29.56 | 87.98 | 29.56 | 89.17 | 29.78 | 91.56 | 29.99 | 94.15 | 30.43 |
| | 41 | 72.05 | 25.89 | 81.61 | 31.07 | 83.80 | 31.51 | 84.99 | 31.72 | 86.38 | 31.94 | 88.37 | 32.58 | 91.16 | 32.80 |
| | 43 | 72.05 | 28.27 | 79.62 | 32.15 | 81.81 | 32.58 | 83.20 | 33.23 | 84.59 | 33.66 | 86.58 | 34.14 | 89.17 | 35.71 |
| 120% | -5 | 66.48 | 10.48 | 78.42 | 12.53 | 90.56 | 14.07 | 96.14 | 15.99 | 103.50 | 17.35 | 109.47 | 17.60 | 111.66 | 16.22 |
| | 0 | 66.48 | 10.55 | 78.42 | 12.60 | 90.56 | 14.15 | 96.14 | 16.07 | 103.50 | 17.45 | 109.47 | 17.71 | 111.66 | 16.35 |
| | 5 | 66.48 | 10.66 | 78.42 | 12.71 | 90.56 | 14.29 | 96.14 | 16.21 | 103.50 | 17.61 | 109.47 | 17.87 | 111.66 | 16.53 |
| | 10 | 66.48 | 10.94 | 78.42 | 13.36 | 90.56 | 15.80 | 96.14 | 17.03 | 102.11 | 18.28 | 106.49 | 18.13 | 108.48 | 17.35 |
| | 15 | 66.48 | 11.48 | 78.42 | 14.03 | 90.56 | 16.62 | 96.14 | 17.87 | 101.11 | 18.75 | 103.30 | 18.41 | 105.29 | 18.17 |
| | 20 | 66.48 | 12.06 | 78.42 | 15.19 | 90.56 | 18.88 | 96.14 | 20.85 | 97.53 | 21.02 | 99.72 | 21.19 | 101.91 | 21.38 |
| | 25 | 66.48 | 14.39 | 78.42 | 18.41 | 90.56 | 22.83 | 92.95 | 23.74 | 94.35 | 23.74 | 96.53 | 24.17 | 98.72 | 24.17 |
| | 30 | 66.48 | 16.90 | 78.42 | 22.01 | 88.37 | 26.33 | 89.77 | 26.54 | 91.16 | 26.76 | 92.95 | 26.97 | 95.14 | 27.19 |
| | 35 | 66.48 | 20.46 | 78.42 | 26.11 | 85.19 | 29.35 | 86.58 | 29.35 | 87.78 | 29.56 | 89.77 | 29.78 | 91.96 | 30.21 |
| | 41 | 66.48 | 23.31 | 78.42 | 30.43 | 82.00 | 31.07 | 83.20 | 31.29 | 84.59 | 31.29 | 86.58 | 32.58 | 88.77 | 32.58 |
| | 43 | 66.48 | 25.03 | 78.42 | 31.94 | 80.41 | 32.15 | 81.41 | 32.58 | 82.40 | 33.23 | 84.59 | 33.88 | 86.98 | 34.29 |
| 110% | -5 | 60.91 | 9.19 | 72.05 | 11.28 | 82.80 | 13.35 | 87.98 | 14.52 | 93.75 | 15.47 | 107.88 | 18.60 | 110.27 | 17.45 |
| | 0 | 60.91 | 9.26 | 72.05 | 11.35 | 82.80 | 13.44 | 87.98 | 14.61 | 93.75 | 15.58 | 107.88 | 18.71 | 110.27 | 17.58 |
| | 5 | 60.91 | 9.37 | 72.05 | 11.46 | 82.80 | 13.57 | 87.98 | 14.74 | 93.75 | 15.73 | 107.88 | 18.86 | 110.27 | 17.76 |
| | 10 | 60.91 | 9.84 | 72.05 | 12.04 | 82.80 | 14.26 | 87.98 | 15.39 | 93.75 | 16.53 | 104.70 | 18.75 | 106.69 | 18.06 |
| | 15 | 60.91 | 10.31 | 72.05 | 12.62 | 82.80 | 14.95 | 87.98 | 16.03 | 93.75 | 17.31 | 101.11 | 18.64 | 103.30 | 18.36 |
| | 20 | 60.91 | 10.88 | 72.05 | 13.29 | 82.80 | 16.53 | 87.98 | 18.19 | 93.75 | 19.98 | 97.93 | 21.04 | 100.12 | 21.21 |
| | 25 | 60.91 | 12.69 | 72.05 | 16.14 | 82.80 | 19.98 | 87.98 | 23.72 | 91.16 | 24.82 | 93.35 | 25.03 | 95.54 | 25.25 |
| | 30 | 60.91 | 15.21 | 72.05 | 19.33 | 82.80 | 23.95 | 87.98 | 26.11 | 88.77 | 26.54 | 91.16 | 26.76 | 93.35 | 26.97 |
| | 35 | 60.91 | 18.02 | 72.05 | 22.94 | 82.80 | 28.48 | 84.99 | 29.13 | 85.99 | 29.35 | 87.98 | 29.56 | 90.17 | 29.99 |
| | 41 | 60.91 | 20.91 | 72.05 | 26.76 | 80.41 | 31.51 | 81.81 | 31.72 | 82.80 | 31.51 | 84.59 | 32.15 | 86.98 | 32.80 |
| | 43 | 60.91 | 22.66 | 72.05 | 28.48 | 78.22 | 31.29 | 80.01 | 32.15 | 81.01 | 33.02 | 82.80 | 33.45 | 84.99 | 34.09 |
| 100% | -5 | 55.33 | 8.52 | 65.29 | 10.03 | 75.04 | 12.06 | 80.00 | 12.88 | 85.19 | 13.76 | 95.14 | 15.71 | 108.08 | 18.55 |
| | 0 | 55.33 | 8.59 | 65.29 | 10.10 | 75.04 | 12.15 | 80.00 | 12.97 | 85.19 | 13.87 | 95.14 | 15.81 | 108.08 | 18.68 |
| | 5 | 55.33 | 8.70 | 65.29 | 10.21 | 75.04 | 12.28 | 80.00 | 13.10 | 85.19 | 14.03 | 95.14 | 15.97 | 108.08 | 18.86 |
| | 10 | 55.33 | 8.78 | 65.29 | 10.72 | 75.04 | 12.71 | 80.00 | 13.75 | 85.19 | 14.74 | 95.14 | 16.79 | 104.70 | 18.75 |
| | 15 | 55.33 | 9.19 | 65.29 | 11.24 | 75.04 | 13.34 | 80.00 | 14.39 | 85.19 | 15.45 | 95.14 | 17.61 | 101.11 | 18.64 |
| | 20 | 55.33 | 9.67 | 65.29 | 11.83 | 75.04 | 14.26 | 80.00 | 15.73 | 85.19 | 17.24 | 95.14 | 20.46 | 97.93 | 21.04 |
| | 25 | 55.33 | 11.03 | 65.29 | 14.03 | 75.04 | 17.31 | 80.00 | 19.05 | 85.19 | 20.87 | 92.95 | 23.74 | 94.74 | 23.95 |
| | 30 | 55.33 | 13.21 | 65.29 | 16.79 | 75.04 | 20.69 | 80.00 | 22.79 | 85.19 | 24.82 | 89.57 | 26.54 | 91.16 | 26.76 |
| | 35 | 55.33 | 15.73 | 65.29 | 19.94 | 75.04 | 24.58 | 80.00 | 24.60 | 84.59 | 29.13 | 86.38 | 29.35 | 87.98 | 29.56 |
| | 41 | 55.33 | 18.19 | 65.29 | 22.87 | 75.04 | 28.55 | 79.23 | 30.17 | 81.41 | 31.72 | 83.20 | 31.94 | 84.99 | 32.15 |
| | 43 | 55.33 | 19.94 | 65.29 | 24.82 | 75.04 | 30.30 | 78.66 | 31.40 | 79.22 | 32.15 | 81.41 | 32.80 | 83.20 | 33.45 |

To be continued

Continued

| YCV800HR | | | | | | | | | | | | Cooling Capacity | | | | | | | | | |
|---------------------|----------------------|----------------------|-------|---------|-------|---------|-------|-----------|-------|---------|-------|------------------|-------|---------|-------|----|----|----|----|--|--|
| Capacity Factor (%) | Outdoor Temp (°C WB) | Indoor Temp. (°C WB) | | | | | | | | | | | | | | | | | | | |
| | | 14 (°C) | | 16 (°C) | | 18 (°C) | | 19.4 (°C) | | 20 (°C) | | 22 (°C) | | 24 (°C) | | | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | kW | kW | kW | kW | | |
| 90% | -5 | 49.80 | 7.12 | 58.76 | 8.80 | 67.53 | 10.48 | 72.00 | 11.30 | 76.83 | 12.08 | 85.59 | 13.89 | 94.35 | 15.60 | | | | | | |
| | 0 | 49.80 | 7.18 | 58.76 | 8.87 | 67.53 | 10.57 | 72.00 | 11.39 | 76.83 | 12.19 | 85.59 | 14.00 | 94.35 | 15.73 | | | | | | |
| | 5 | 49.80 | 7.29 | 58.76 | 8.98 | 67.53 | 10.70 | 72.00 | 11.52 | 76.83 | 12.34 | 85.59 | 14.16 | 94.35 | 15.90 | | | | | | |
| | 10 | 49.80 | 7.70 | 58.76 | 9.43 | 67.53 | 11.20 | 72.00 | 12.11 | 76.83 | 12.99 | 85.59 | 14.85 | 94.35 | 16.70 | | | | | | |
| | 15 | 49.80 | 8.11 | 58.76 | 9.86 | 67.53 | 11.72 | 72.00 | 12.69 | 76.83 | 13.64 | 85.59 | 15.54 | 94.35 | 17.48 | | | | | | |
| | 20 | 49.80 | 8.55 | 58.76 | 10.38 | 67.53 | 12.34 | 72.00 | 13.40 | 76.83 | 14.67 | 85.59 | 17.37 | 94.35 | 20.26 | | | | | | |
| | 25 | 49.80 | 9.49 | 58.76 | 12.04 | 67.53 | 14.78 | 72.00 | 16.25 | 76.83 | 17.78 | 85.59 | 21.04 | 92.55 | 23.74 | | | | | | |
| | 30 | 49.80 | 11.42 | 58.76 | 14.44 | 67.53 | 17.72 | 72.00 | 19.46 | 76.83 | 21.28 | 85.59 | 25.25 | 89.57 | 26.54 | | | | | | |
| | 35 | 49.80 | 13.57 | 58.76 | 17.11 | 67.53 | 21.02 | 72.00 | 23.09 | 76.83 | 25.25 | 84.59 | 29.13 | 86.38 | 29.35 | | | | | | |
| | 41 | 49.80 | 15.62 | 58.76 | 19.81 | 67.53 | 24.38 | 72.00 | 25.25 | 76.83 | 29.35 | 81.41 | 31.72 | 82.40 | 31.94 | | | | | | |
| | 43 | 49.80 | 17.41 | 58.76 | 21.04 | 67.53 | 26.11 | 72.00 | 28.05 | 76.83 | 29.99 | 79.22 | 30.64 | 80.61 | 32.80 | | | | | | |
| 80% | -5 | 44.27 | 6.23 | 52.23 | 7.64 | 60.03 | 8.99 | 64.00 | 9.75 | 68.07 | 10.46 | 76.03 | 12.02 | 84.19 | 13.48 | | | | | | |
| | 0 | 44.27 | 6.30 | 52.23 | 7.70 | 60.03 | 9.08 | 64.00 | 9.84 | 68.07 | 10.57 | 76.03 | 12.12 | 84.19 | 13.61 | | | | | | |
| | 5 | 44.27 | 6.41 | 52.23 | 7.81 | 60.03 | 9.21 | 64.00 | 9.97 | 68.07 | 10.72 | 76.03 | 12.28 | 84.19 | 13.79 | | | | | | |
| | 10 | 44.27 | 6.71 | 52.23 | 8.20 | 60.03 | 9.71 | 64.00 | 10.49 | 68.07 | 11.29 | 76.03 | 12.88 | 84.19 | 14.50 | | | | | | |
| | 15 | 44.27 | 7.03 | 52.23 | 8.57 | 60.03 | 10.19 | 64.00 | 11.01 | 68.07 | 11.83 | 76.03 | 13.51 | 84.19 | 15.21 | | | | | | |
| | 20 | 44.27 | 7.40 | 52.23 | 9.02 | 60.03 | 10.70 | 64.00 | 11.54 | 68.07 | 12.45 | 76.03 | 14.50 | 84.19 | 17.59 | | | | | | |
| | 25 | 44.27 | 8.05 | 52.23 | 10.14 | 60.03 | 12.45 | 64.00 | 13.64 | 68.07 | 14.91 | 76.03 | 17.59 | 84.19 | 22.01 | | | | | | |
| | 30 | 44.27 | 9.71 | 52.23 | 12.19 | 60.03 | 14.91 | 64.00 | 16.38 | 68.07 | 17.87 | 76.03 | 21.04 | 84.19 | 24.38 | | | | | | |
| | 35 | 44.27 | 11.54 | 52.23 | 14.50 | 60.03 | 17.72 | 64.00 | 19.44 | 68.07 | 21.21 | 76.03 | 25.03 | 84.19 | 28.92 | | | | | | |
| | 41 | 44.27 | 13.62 | 52.23 | 16.70 | 60.03 | 20.46 | 64.00 | 22.53 | 68.07 | 24.82 | 76.03 | 29.13 | 80.41 | 31.51 | | | | | | |
| | 43 | 44.27 | 15.86 | 52.23 | 18.23 | 60.03 | 21.77 | 64.00 | 24.60 | 68.07 | 27.19 | 76.03 | 29.99 | 76.43 | 32.37 | | | | | | |
| 70% | -5 | 38.73 | 5.28 | 45.70 | 6.45 | 52.53 | 7.64 | 56.00 | 8.24 | 59.51 | 8.89 | 66.68 | 10.18 | 73.65 | 8.07 | | | | | | |
| | 0 | 38.73 | 5.35 | 45.70 | 6.52 | 52.53 | 7.72 | 56.00 | 8.33 | 59.51 | 9.00 | 66.68 | 10.29 | 73.65 | 8.20 | | | | | | |
| | 5 | 38.73 | 5.46 | 45.70 | 6.62 | 52.53 | 7.85 | 56.00 | 8.46 | 59.51 | 9.15 | 66.68 | 10.44 | 73.65 | 8.37 | | | | | | |
| | 10 | 38.73 | 5.72 | 45.70 | 6.95 | 52.53 | 8.26 | 56.00 | 8.91 | 59.51 | 9.60 | 66.68 | 10.96 | 73.65 | 12.36 | | | | | | |
| | 15 | 38.73 | 6.00 | 45.70 | 7.29 | 52.53 | 8.67 | 56.00 | 9.37 | 59.51 | 10.03 | 66.68 | 11.48 | 73.65 | 12.95 | | | | | | |
| | 20 | 38.73 | 6.30 | 45.70 | 7.68 | 52.53 | 9.13 | 56.00 | 9.84 | 59.51 | 10.60 | 66.68 | 12.11 | 73.65 | 13.79 | | | | | | |
| | 25 | 38.73 | 6.69 | 45.70 | 8.39 | 52.53 | 10.25 | 56.00 | 11.24 | 59.51 | 12.28 | 66.68 | 14.44 | 73.65 | 16.70 | | | | | | |
| | 30 | 38.73 | 8.09 | 45.70 | 10.12 | 52.53 | 12.34 | 56.00 | 13.51 | 59.51 | 14.70 | 66.68 | 17.28 | 73.65 | 19.98 | | | | | | |
| | 35 | 38.73 | 9.67 | 45.70 | 12.04 | 52.53 | 14.63 | 56.00 | 16.03 | 59.51 | 17.44 | 66.68 | 20.50 | 73.65 | 23.74 | | | | | | |
| | 41 | 38.73 | 11.03 | 45.70 | 13.64 | 52.53 | 16.90 | 56.00 | 18.19 | 59.51 | 20.20 | 66.68 | 23.74 | 73.65 | 27.62 | | | | | | |
| | 43 | 38.73 | 11.72 | 45.70 | 14.37 | 52.53 | 18.77 | 56.00 | 20.31 | 59.51 | 21.84 | 66.68 | 25.89 | 73.65 | 30.21 | | | | | | |
| 60% | -5 | 33.20 | 4.36 | 39.17 | 5.35 | 45.02 | 6.30 | 48.00 | 6.88 | 51.35 | 7.31 | 57.12 | 8.37 | 63.10 | 9.43 | | | | | | |
| | 0 | 33.20 | 4.42 | 39.17 | 5.41 | 45.02 | 6.39 | 48.00 | 6.97 | 51.35 | 7.42 | 57.12 | 8.48 | 63.10 | 9.56 | | | | | | |
| | 5 | 33.20 | 4.53 | 39.17 | 5.52 | 45.02 | 6.52 | 48.00 | 7.10 | 51.35 | 7.57 | 57.12 | 8.63 | 63.10 | 9.73 | | | | | | |
| | 10 | 33.20 | 4.77 | 39.17 | 5.78 | 45.02 | 6.86 | 48.00 | 7.40 | 51.35 | 7.96 | 57.12 | 9.08 | 63.10 | 10.25 | | | | | | |
| | 15 | 33.20 | 5.01 | 39.17 | 6.06 | 45.02 | 7.21 | 48.00 | 7.79 | 51.35 | 8.33 | 57.12 | 9.54 | 63.10 | 10.77 | | | | | | |
| | 20 | 33.20 | 5.24 | 39.17 | 6.37 | 45.02 | 7.53 | 48.00 | 8.16 | 51.35 | 8.78 | 57.12 | 10.03 | 63.10 | 11.31 | | | | | | |
| | 25 | 33.20 | 5.52 | 39.17 | 6.80 | 45.02 | 8.26 | 48.00 | 9.02 | 51.35 | 9.84 | 57.12 | 11.52 | 63.10 | 13.29 | | | | | | |
| | 30 | 33.20 | 6.58 | 39.17 | 8.22 | 45.02 | 9.97 | 48.00 | 10.88 | 51.35 | 11.83 | 57.12 | 13.81 | 63.10 | 15.95 | | | | | | |
| | 35 | 33.20 | 7.88 | 39.17 | 9.80 | 45.02 | 11.83 | 48.00 | 12.93 | 51.35 | 14.05 | 57.12 | 16.38 | 63.10 | 18.92 | | | | | | |
| | 41 | 33.20 | 8.98 | 39.17 | 11.13 | 45.02 | 13.57 | 48.00 | 14.85 | 51.35 | 16.18 | 57.12 | 18.95 | 63.10 | 21.95 | | | | | | |
| | 43 | 33.20 | 9.80 | 39.17 | 11.37 | 45.02 | 14.80 | 48.00 | 16.59 | 51.35 | 17.72 | 57.12 | 20.37 | 63.10 | 24.00 | | | | | | |
| 50% | -5 | 27.67 | 3.49 | 32.64 | 4.36 | 37.52 | 5.02 | 40.00 | 5.33 | 42.59 | 5.78 | 47.57 | 6.69 | 52.55 | 7.50 | | | | | | |
| | 0 | 27.67 | 3.56 | 32.64 | 4.42 | 37.52 | 5.11 | 40.00 | 5.41 | 42.59 | 5.89 | 47.57 | 6.79 | 52.55 | 7.64 | | | | | | |
| | 5 | 27.67 | 3.67 | 32.64 | 4.53 | 37.52 | 5.24 | 40.00 | 5.55 | 42.59 | 6.04 | 47.57 | 6.95 | 52.55 | 7.81 | | | | | | |
| | 10 | 27.67 | 3.84 | 32.64 | 4.66 | 37.52 | 5.52 | 40.00 | 5.93 | 42.59 | 6.37 | 47.57 | 7.29 | 52.55 | 8.22 | | | | | | |
| | 15 | 27.67 | 4.01 | 32.64 | 4.79 | 37.52 | 5.78 | 40.00 | 6.24 | 42.59 | 6.71 | 47.57 | 7.64 | 52.55 | 8.63 | | | | | | |
| | 20 | 27.67 | 4.21 | 32.64 | 5.14 | 37.52 | 6.06 | 40.00 | 6.54 | 42.59 | 7.03 | 47.57 | 8.05 | 52.55 | 9.08 | | | | | | |
| | 25 | 27.67 | 4.45 | 32.64 | 5.37 | 37.52 | 6.41 | 40.00 | 6.99 | 42.59 | 7.62 | 47.57 | 8.87 | 52.55 | 10.21 | | | | | | |
| | 30 | 27.67 | 5.20 | 32.64 | 6.45 | 37.52 | 7.75 | 40.00 | 8.46 | 42.59 | 9.19 | 47.57 | 10.72 | 52.55 | 12.28 | | | | | | |
| | 35 | 27.67 | 6.28 | 32.64 | 7.70 | 37.52 | 9.28 | 40.00 | 10.08 | 42.59 | 10.94 | 47.57 | 12.71 | 52.55 | 14.57 | | | | | | |
| | 41 | 27.67 | 7.12 | 32.64 | 8.20 | 37.52 | 10.60 | 40.00 | 11.54 | 42.59 | 12.54 | 47.57 | 14.61 | 52.55 | 16.79 | | | | | | |
| | 43 | 27.67 | 7.96 | 32.64 | 9.02 | 37.52 | 11.61 | 40.00 | 12.58 | 42.59 | 13.57 | 47.57 | 15.95 | 52.55 | 18.34 | | | | | | |

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

| | | YCV850HR | | | | | | Cooling Capacity | | | | | | | |
|---------------------|----------------------|-----------------------|-------|---------|-------|---------|-------|------------------|-------|---------|-------|---------|-------|---------|-------|
| Capacity Factor (%) | Outdoor Temp (°C WB) | Indoor Temp. (°C WB) | | | | | | | | | | | | | |
| | | 14 (°C) | | 16 (°C) | | 18 (°C) | | 19.4 (°C) | | 20 (°C) | | 22 (°C) | | 24 (°C) | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| | | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| 130% | -5 | 77.99 | 11.93 | 92.09 | 14.65 | 106.09 | 17.28 | 113.29 | 19.60 | 117.85 | 19.06 | 121.30 | 17.28 | 123.54 | 15.46 |
| | 0 | 77.99 | 12.00 | 92.09 | 14.71 | 106.09 | 17.36 | 113.29 | 19.68 | 117.85 | 19.16 | 121.30 | 17.38 | 123.54 | 15.59 |
| | 5 | 77.99 | 12.11 | 92.09 | 14.82 | 106.09 | 17.49 | 113.29 | 19.81 | 117.85 | 19.31 | 121.30 | 17.54 | 123.54 | 15.76 |
| | 10 | 77.99 | 12.76 | 92.09 | 15.53 | 106.09 | 18.37 | 113.29 | 19.78 | 114.40 | 19.41 | 117.04 | 18.52 | 120.09 | 17.61 |
| | 15 | 77.99 | 13.40 | 92.09 | 16.27 | 106.09 | 19.23 | 109.43 | 19.75 | 110.95 | 19.53 | 113.29 | 19.49 | 116.64 | 19.59 |
| | 20 | 77.99 | 14.13 | 92.09 | 18.15 | 104.97 | 22.14 | 106.09 | 22.24 | 107.20 | 22.35 | 109.84 | 22.57 | 112.79 | 22.78 |
| | 25 | 77.99 | 17.13 | 92.09 | 21.95 | 101.12 | 25.13 | 102.23 | 25.23 | 103.76 | 25.34 | 106.49 | 25.55 | 109.34 | 25.87 |
| | 30 | 77.99 | 20.33 | 92.09 | 26.27 | 97.67 | 28.32 | 98.79 | 28.32 | 100.31 | 28.32 | 102.64 | 28.53 | 105.89 | 29.60 |
| | 35 | 77.99 | 24.38 | 91.38 | 30.77 | 94.22 | 31.20 | 95.34 | 31.30 | 96.55 | 31.51 | 99.19 | 31.73 | 102.13 | 32.15 |
| | 41 | 77.99 | 27.47 | 88.34 | 32.90 | 90.77 | 33.33 | 91.99 | 33.54 | 93.51 | 33.75 | 95.74 | 34.39 | 98.99 | 34.71 |
| | 43 | 77.99 | 29.81 | 86.21 | 33.96 | 88.54 | 34.50 | 90.06 | 35.14 | 91.58 | 35.56 | 93.82 | 36.07 | 96.76 | 37.13 |
| 120% | -5 | 72.01 | 11.09 | 84.89 | 13.26 | 98.07 | 14.89 | 104.16 | 16.92 | 112.07 | 18.35 | 118.56 | 18.62 | 121.20 | 17.16 |
| | 0 | 72.01 | 11.16 | 84.89 | 13.33 | 98.07 | 14.98 | 104.16 | 17.00 | 112.07 | 18.46 | 118.56 | 18.73 | 121.20 | 17.29 |
| | 5 | 72.01 | 11.26 | 84.89 | 13.44 | 98.07 | 15.11 | 104.16 | 17.13 | 112.07 | 18.61 | 118.56 | 18.88 | 121.20 | 17.46 |
| | 10 | 72.01 | 11.56 | 84.89 | 14.13 | 98.07 | 16.69 | 104.16 | 18.00 | 110.55 | 19.31 | 115.21 | 19.16 | 117.76 | 18.33 |
| | 15 | 72.01 | 12.14 | 84.89 | 14.82 | 98.07 | 17.57 | 104.16 | 18.88 | 109.43 | 19.81 | 111.76 | 19.45 | 114.31 | 19.21 |
| | 20 | 72.01 | 12.76 | 84.89 | 16.06 | 98.07 | 19.96 | 104.16 | 22.03 | 105.68 | 22.21 | 107.91 | 22.39 | 110.55 | 22.60 |
| | 25 | 72.01 | 15.21 | 84.89 | 19.45 | 98.07 | 24.13 | 100.71 | 25.13 | 102.23 | 25.13 | 104.57 | 25.45 | 107.10 | 25.55 |
| | 30 | 72.01 | 17.86 | 84.89 | 23.26 | 95.74 | 27.89 | 97.26 | 28.11 | 98.79 | 28.22 | 100.71 | 28.53 | 103.25 | 28.75 |
| | 35 | 72.01 | 21.62 | 84.89 | 27.60 | 92.29 | 30.98 | 93.82 | 31.09 | 95.03 | 31.30 | 97.26 | 31.51 | 99.80 | 31.94 |
| | 41 | 72.01 | 24.70 | 84.89 | 32.15 | 88.85 | 32.90 | 90.06 | 33.01 | 91.58 | 33.01 | 93.82 | 34.39 | 96.35 | 34.39 |
| | 43 | 72.01 | 26.51 | 84.89 | 33.75 | 87.02 | 33.96 | 88.13 | 34.50 | 89.25 | 35.14 | 91.58 | 35.77 | 94.43 | 36.24 |
| 110% | -5 | 65.92 | 9.72 | 77.99 | 11.93 | 89.66 | 14.13 | 95.34 | 15.36 | 101.52 | 16.37 | 116.73 | 19.67 | 119.68 | 18.47 |
| | 0 | 65.92 | 9.78 | 77.99 | 12.00 | 89.66 | 14.21 | 95.34 | 15.45 | 101.52 | 16.48 | 116.73 | 19.78 | 119.68 | 18.60 |
| | 5 | 65.92 | 9.89 | 77.99 | 12.11 | 89.66 | 14.34 | 95.34 | 15.58 | 101.52 | 16.63 | 116.73 | 19.93 | 119.68 | 18.77 |
| | 10 | 65.92 | 10.40 | 77.99 | 12.72 | 89.66 | 15.08 | 95.34 | 16.27 | 101.52 | 17.46 | 113.29 | 19.81 | 115.83 | 19.09 |
| | 15 | 65.92 | 10.90 | 77.99 | 13.34 | 89.66 | 15.80 | 95.34 | 16.95 | 101.52 | 18.29 | 109.43 | 19.71 | 112.07 | 19.41 |
| | 20 | 65.92 | 11.49 | 77.99 | 14.05 | 89.66 | 17.46 | 95.34 | 19.23 | 101.52 | 21.12 | 106.09 | 22.24 | 108.63 | 22.42 |
| | 25 | 65.92 | 13.40 | 77.99 | 17.06 | 89.66 | 21.12 | 95.34 | 25.06 | 98.79 | 26.19 | 101.12 | 26.41 | 103.66 | 26.72 |
| | 30 | 65.92 | 16.09 | 77.99 | 20.43 | 89.66 | 25.34 | 95.34 | 27.68 | 96.15 | 28.00 | 98.79 | 28.32 | 101.32 | 28.53 |
| | 35 | 65.92 | 19.05 | 77.99 | 24.24 | 89.66 | 30.03 | 91.99 | 30.88 | 93.10 | 30.98 | 95.34 | 31.30 | 97.88 | 31.62 |
| | 41 | 65.92 | 22.10 | 77.99 | 28.25 | 87.02 | 33.33 | 88.54 | 33.54 | 89.66 | 33.33 | 91.58 | 34.07 | 94.43 | 34.71 |
| | 43 | 65.92 | 23.96 | 77.99 | 30.13 | 84.69 | 33.11 | 86.61 | 33.96 | 87.73 | 34.92 | 89.66 | 35.35 | 92.19 | 36.09 |
| 100% | -5 | 59.94 | 9.03 | 70.69 | 10.62 | 81.24 | 12.75 | 85.00 | 13.63 | 92.29 | 14.56 | 103.04 | 16.62 | 117.35 | 19.63 |
| | 0 | 59.94 | 9.09 | 70.69 | 10.69 | 81.24 | 12.84 | 85.00 | 13.71 | 92.29 | 14.67 | 103.04 | 16.72 | 117.35 | 19.76 |
| | 5 | 59.94 | 9.20 | 70.69 | 10.80 | 81.24 | 12.97 | 85.00 | 13.84 | 92.29 | 14.82 | 103.04 | 16.88 | 117.35 | 19.93 |
| | 10 | 59.94 | 9.27 | 70.69 | 11.34 | 81.24 | 13.44 | 85.00 | 14.52 | 92.29 | 15.58 | 103.04 | 17.75 | 113.60 | 19.81 |
| | 15 | 59.94 | 9.71 | 70.69 | 11.88 | 81.24 | 14.10 | 85.00 | 15.21 | 92.29 | 16.33 | 103.04 | 18.61 | 109.74 | 19.71 |
| | 20 | 59.94 | 10.22 | 70.69 | 12.50 | 81.24 | 15.08 | 85.00 | 16.63 | 92.29 | 18.23 | 103.04 | 21.62 | 106.29 | 22.24 |
| | 25 | 59.94 | 11.66 | 70.69 | 14.82 | 81.24 | 18.29 | 85.00 | 20.14 | 92.29 | 22.06 | 100.71 | 25.02 | 102.85 | 25.23 |
| | 30 | 59.94 | 13.95 | 70.69 | 17.75 | 81.24 | 21.88 | 85.00 | 24.08 | 92.29 | 26.19 | 96.96 | 28.00 | 98.99 | 28.32 |
| | 35 | 59.94 | 16.63 | 70.69 | 21.08 | 81.24 | 25.98 | 85.00 | 26.40 | 91.58 | 30.77 | 93.51 | 31.09 | 95.54 | 31.30 |
| | 41 | 59.94 | 19.23 | 70.69 | 24.23 | 81.24 | 30.17 | 84.42 | 31.92 | 88.13 | 33.54 | 90.06 | 33.75 | 92.19 | 34.07 |
| | 43 | 59.94 | 21.08 | 70.69 | 26.17 | 81.24 | 32.03 | 83.83 | 33.17 | 85.80 | 33.96 | 88.13 | 34.71 | 90.27 | 35.35 |

To be continued

Continued

| Capacity Factor (%) | Outdoor Temp (°C WB) | YCV850HR | | | | | | | | Cooling Capacity | | | | | | | |
|---------------------|----------------------|----------------------|-------|---------|-------|---------|-------|-----------|-------|------------------|-------|---------|-------|---------|-------|----|----|
| | | Indoor Temp. (°C WB) | | | | | | | | | | | | | | | |
| | | 14 (°C) | | 16 (°C) | | 18 (°C) | | 19.4 (°C) | | 20 (°C) | | 22 (°C) | | 24 (°C) | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| 90% | -5 | 53.95 | 7.54 | 63.62 | 9.31 | 73.11 | 11.09 | 76.50 | 11.96 | 83.17 | 12.78 | 92.70 | 14.70 | 102.44 | 16.51 | | |
| | 0 | 53.95 | 7.60 | 63.62 | 9.38 | 73.11 | 11.18 | 76.50 | 12.05 | 83.17 | 12.89 | 92.70 | 14.81 | 102.44 | 16.64 | | |
| | 5 | 53.95 | 7.71 | 63.62 | 9.49 | 73.11 | 11.31 | 76.50 | 12.18 | 83.17 | 13.04 | 92.70 | 14.96 | 102.44 | 16.81 | | |
| | 10 | 53.95 | 8.14 | 63.62 | 9.97 | 73.11 | 11.84 | 76.50 | 12.79 | 83.17 | 13.73 | 92.70 | 15.69 | 102.44 | 17.65 | | |
| | 15 | 53.95 | 8.58 | 63.62 | 10.42 | 73.11 | 12.38 | 76.50 | 13.40 | 83.17 | 14.42 | 92.70 | 16.42 | 102.44 | 18.47 | | |
| | 20 | 53.95 | 9.03 | 63.62 | 10.98 | 73.11 | 13.04 | 76.50 | 14.16 | 83.17 | 15.50 | 92.70 | 18.37 | 102.44 | 21.41 | | |
| | 25 | 53.95 | 10.04 | 63.62 | 12.72 | 73.11 | 15.62 | 76.50 | 17.17 | 83.17 | 18.80 | 92.70 | 22.24 | 100.51 | 25.02 | | |
| | 30 | 53.95 | 12.06 | 63.62 | 15.26 | 73.11 | 18.73 | 76.50 | 20.57 | 83.17 | 22.50 | 92.70 | 26.72 | 97.16 | 28.00 | | |
| | 35 | 53.95 | 14.34 | 63.62 | 18.08 | 73.11 | 22.21 | 76.50 | 24.38 | 83.17 | 26.72 | 91.58 | 30.77 | 93.72 | 30.98 | | |
| | 41 | 53.95 | 16.51 | 63.62 | 20.94 | 73.11 | 25.77 | 76.50 | 26.62 | 83.17 | 30.98 | 88.13 | 33.43 | 89.46 | 33.75 | | |
| 80% | 43 | 53.95 | 18.41 | 63.62 | 22.24 | 73.11 | 27.58 | 76.50 | 29.70 | 83.17 | 31.62 | 85.80 | 32.47 | 87.53 | 34.71 | | |
| | -5 | 47.95 | 6.60 | 56.55 | 8.09 | 64.99 | 9.53 | 68.00 | 10.32 | 73.63 | 11.08 | 82.35 | 12.71 | 91.38 | 14.26 | | |
| | 0 | 47.95 | 6.66 | 56.55 | 8.15 | 64.99 | 9.61 | 68.00 | 10.41 | 73.63 | 11.19 | 82.35 | 12.82 | 91.38 | 14.39 | | |
| | 5 | 47.95 | 6.77 | 56.55 | 8.26 | 64.99 | 9.74 | 68.00 | 10.54 | 73.63 | 11.34 | 82.35 | 12.97 | 91.38 | 14.57 | | |
| | 10 | 47.95 | 7.10 | 56.55 | 8.67 | 64.99 | 10.25 | 68.00 | 11.08 | 73.63 | 11.92 | 82.35 | 13.62 | 91.38 | 15.32 | | |
| | 15 | 47.95 | 7.43 | 56.55 | 9.06 | 64.99 | 10.76 | 68.00 | 11.63 | 73.63 | 12.50 | 82.35 | 14.28 | 91.38 | 16.09 | | |
| | 20 | 47.95 | 7.83 | 56.55 | 9.53 | 64.99 | 11.31 | 68.00 | 12.20 | 73.63 | 13.16 | 82.35 | 15.32 | 91.38 | 18.59 | | |
| | 25 | 47.95 | 8.51 | 56.55 | 10.72 | 64.99 | 13.16 | 68.00 | 14.42 | 73.63 | 15.76 | 82.35 | 18.59 | 91.38 | 23.26 | | |
| | 30 | 47.95 | 10.25 | 56.55 | 12.89 | 64.99 | 15.76 | 68.00 | 17.31 | 73.63 | 18.88 | 82.35 | 22.24 | 91.38 | 25.87 | | |
| | 35 | 47.95 | 12.20 | 56.55 | 15.32 | 64.99 | 18.73 | 68.00 | 20.55 | 73.63 | 22.42 | 82.35 | 26.41 | 91.38 | 30.56 | | |
| 70% | 41 | 47.95 | 14.38 | 56.55 | 17.65 | 64.99 | 21.62 | 68.00 | 23.81 | 73.63 | 26.19 | 82.35 | 30.77 | 87.22 | 33.33 | | |
| | 43 | 47.95 | 16.77 | 56.55 | 19.27 | 64.99 | 23.01 | 68.00 | 25.98 | 73.63 | 28.75 | 82.35 | 31.73 | 82.97 | 34.18 | | |
| | -5 | 41.96 | 5.59 | 49.48 | 6.82 | 56.87 | 8.08 | 59.50 | 8.73 | 64.51 | 9.41 | 72.11 | 10.78 | 79.92 | 8.55 | | |
| | 0 | 41.96 | 5.65 | 49.48 | 6.89 | 56.87 | 8.16 | 59.50 | 8.81 | 64.51 | 9.52 | 72.11 | 10.89 | 79.92 | 8.68 | | |
| | 5 | 41.96 | 5.76 | 49.48 | 7.00 | 56.87 | 8.29 | 59.50 | 8.94 | 64.51 | 9.67 | 72.11 | 11.04 | 79.92 | 8.85 | | |
| | 10 | 41.96 | 6.05 | 49.48 | 7.35 | 56.87 | 8.73 | 59.50 | 9.42 | 64.51 | 10.15 | 72.11 | 11.59 | 79.92 | 13.07 | | |
| | 15 | 41.96 | 6.34 | 49.48 | 7.71 | 56.87 | 9.17 | 59.50 | 9.89 | 64.51 | 10.62 | 72.11 | 12.14 | 79.92 | 13.69 | | |
| | 20 | 41.96 | 6.67 | 49.48 | 8.11 | 56.87 | 9.65 | 59.50 | 10.40 | 64.51 | 11.20 | 72.11 | 12.79 | 79.92 | 14.57 | | |
| | 25 | 41.96 | 7.07 | 49.48 | 8.87 | 56.87 | 10.83 | 59.50 | 11.88 | 64.51 | 12.97 | 72.11 | 15.26 | 79.92 | 17.65 | | |
| | 30 | 41.96 | 8.55 | 49.48 | 10.69 | 56.87 | 13.04 | 59.50 | 14.28 | 64.51 | 15.53 | 72.11 | 18.26 | 79.92 | 21.12 | | |
| | 35 | 41.96 | 10.22 | 49.48 | 12.72 | 56.87 | 15.47 | 59.50 | 16.95 | 64.51 | 18.43 | 72.11 | 21.67 | 79.92 | 25.13 | | |
| 60% | 41 | 41.96 | 11.66 | 49.48 | 14.42 | 56.87 | 17.86 | 59.50 | 19.23 | 64.51 | 21.35 | 72.11 | 25.13 | 79.92 | 29.17 | | |
| | 43 | 41.96 | 12.38 | 49.48 | 15.18 | 56.87 | 19.85 | 59.50 | 21.46 | 64.51 | 23.08 | 72.11 | 27.36 | 79.92 | 31.94 | | |
| | -5 | 35.96 | 4.61 | 42.41 | 5.66 | 48.74 | 6.67 | 51.00 | 7.29 | 55.68 | 7.75 | 61.87 | 8.87 | 68.46 | 9.98 | | |
| | 0 | 35.96 | 4.67 | 42.41 | 5.73 | 48.74 | 6.76 | 51.00 | 7.38 | 55.68 | 7.86 | 61.87 | 8.97 | 68.46 | 10.11 | | |
| | 5 | 35.96 | 4.78 | 42.41 | 5.83 | 48.74 | 6.89 | 51.00 | 7.51 | 55.68 | 8.01 | 61.87 | 9.12 | 68.46 | 10.29 | | |
| | 10 | 35.96 | 5.04 | 42.41 | 6.12 | 48.74 | 7.25 | 51.00 | 7.83 | 55.68 | 8.41 | 61.87 | 9.60 | 68.46 | 10.83 | | |
| | 15 | 35.96 | 5.29 | 42.41 | 6.41 | 48.74 | 7.61 | 51.00 | 8.23 | 55.68 | 8.81 | 61.87 | 10.07 | 68.46 | 11.38 | | |
| | 20 | 35.96 | 5.55 | 42.41 | 6.73 | 48.74 | 7.96 | 51.00 | 8.62 | 55.68 | 9.27 | 61.87 | 10.62 | 68.46 | 11.96 | | |
| | 25 | 35.96 | 5.83 | 42.41 | 7.18 | 48.74 | 8.73 | 51.00 | 9.53 | 55.68 | 10.40 | 61.87 | 12.18 | 68.46 | 14.05 | | |
| | 30 | 35.96 | 6.95 | 42.41 | 8.69 | 48.74 | 10.54 | 51.00 | 11.49 | 55.68 | 12.50 | 61.87 | 14.60 | 68.46 | 16.85 | | |
| 50% | 35 | 35.96 | 8.33 | 42.41 | 10.36 | 48.74 | 12.50 | 51.00 | 13.66 | 55.68 | 14.85 | 61.87 | 17.31 | 68.46 | 20.00 | | |
| | 41 | 35.96 | 9.49 | 42.41 | 11.78 | 48.74 | 14.34 | 51.00 | 15.69 | 55.68 | 17.10 | 61.87 | 20.03 | 68.46 | 23.19 | | |
| | 43 | 35.96 | 10.36 | 42.41 | 12.02 | 48.74 | 15.65 | 51.00 | 17.54 | 55.68 | 18.73 | 61.87 | 21.53 | 68.46 | 25.36 | | |
| | -5 | 29.97 | 3.70 | 35.35 | 4.61 | 40.62 | 5.33 | 42.50 | 5.65 | 46.15 | 6.12 | 51.52 | 7.09 | 57.00 | 7.96 | | |
| | 0 | 29.97 | 3.77 | 35.35 | 4.67 | 40.62 | 5.42 | 42.50 | 5.74 | 46.15 | 6.23 | 51.52 | 7.20 | 57.00 | 8.09 | | |
| | 5 | 29.97 | 3.88 | 35.35 | 4.78 | 40.62 | 5.55 | 42.50 | 5.87 | 46.15 | 6.38 | 51.52 | 7.35 | 57.00 | 8.26 | | |
| | 10 | 29.97 | 4.06 | 35.35 | 4.93 | 40.62 | 5.83 | 42.50 | 6.27 | 46.15 | 6.73 | 51.52 | 7.71 | 57.00 | 8.69 | | |
| | 15 | 29.97 | 4.24 | 35.35 | 5.07 | 40.62 | 6.12 | 42.50 | 6.59 | 46.15 | 7.10 | 51.52 | 8.08 | 57.00 | 9.12 | | |
| | 20 | 29.97 | 4.45 | 35.35 | 5.43 | 40.62 | 6.41 | 42.50 | 6.92 | 46.15 | 7.43 | 51.52 | 8.51 | 57.00 | 9.60 | | |
| | 25 | 29.97 | 4.71 | 35.35 | 5.69 | 40.62 | 6.77 | 42.50 | 7.39 | 46.15 | 8.05 | 51.52 | 9.38 | 57.00 | 10.80 | | |
| | 30 | 29.97 | 5.50 | 35.35 | 6.81 | 40.62 | 8.19 | 42.50 | 8.94 | 46.15 | 9.71 | 51.52 | 11.34 | 57.00 | 12.97 | | |
| | 35 | 29.97 | 6.63 | 35.35 | 8.14 | 40.62 | 9.82 | 42.50 | 10.65 | 46.15 | 11.56 | 51.52 | 13.44 | 57.00 | 15.40 | | |
| | 41 | 29.97 | 7.53 | 35.35 | 8.67 | 40.62 | 11.20 | 42.50 | 12.20 | 46.15 | 13.26 | 51.52 | 15.44 | 57.00 | 17.75 | | |
| | 43 | 29.97 | 8.41 | 35.35 | 9.53 | 40.62 | 12.28 | 42.50 | 13.30 | 46.15 | 14.34 | 51.52 | 16.85 | 57.00 | 19.39 | | |

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

| | | YCV900HR | | | | | | Cooling Capacity | | | | | | | |
|---------------------|----------------------|-----------------------|-------|---------|-------|---------|-------|------------------|-------|---------|-------|---------|-------|---------|-------|
| Capacity Factor (%) | Outdoor Temp (°C WB) | Indoor Temp. (°C WB) | | | | | | | | | | | | | |
| | | 14 (°C) | | 16 (°C) | | 18 (°C) | | 19.4 (°C) | | 20 (°C) | | 22 (°C) | | 24 (°C) | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| | | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| 130% | -5 | 83.93 | 12.58 | 99.19 | 15.45 | 114.25 | 18.22 | 121.88 | 20.66 | 126.83 | 20.10 | 130.54 | 18.22 | 133.22 | 16.31 |
| | 0 | 83.93 | 12.65 | 99.19 | 15.51 | 114.25 | 18.31 | 121.88 | 20.75 | 126.83 | 20.20 | 130.54 | 18.33 | 133.22 | 16.43 |
| | 5 | 83.93 | 12.75 | 99.19 | 15.62 | 114.25 | 18.44 | 121.88 | 20.88 | 126.83 | 20.35 | 130.54 | 18.48 | 133.22 | 16.60 |
| | 10 | 83.93 | 13.45 | 99.19 | 16.37 | 114.25 | 19.36 | 121.88 | 20.86 | 123.11 | 20.46 | 126.00 | 19.51 | 129.51 | 18.56 |
| | 15 | 83.93 | 14.12 | 99.19 | 17.15 | 114.25 | 20.27 | 117.75 | 20.81 | 119.40 | 20.58 | 121.88 | 20.54 | 125.80 | 20.64 |
| | 20 | 83.93 | 14.90 | 99.19 | 19.13 | 113.01 | 23.32 | 114.25 | 23.44 | 115.48 | 23.55 | 118.17 | 23.78 | 121.67 | 24.01 |
| | 25 | 83.93 | 18.06 | 99.19 | 23.13 | 108.89 | 26.52 | 110.12 | 26.52 | 111.77 | 26.73 | 114.66 | 26.94 | 117.96 | 27.36 |
| | 30 | 83.93 | 21.42 | 99.19 | 27.72 | 105.17 | 29.88 | 106.41 | 29.88 | 108.06 | 29.88 | 110.54 | 30.09 | 114.25 | 31.15 |
| | 35 | 83.93 | 25.67 | 98.37 | 32.41 | 101.46 | 32.83 | 102.70 | 33.04 | 103.94 | 33.25 | 106.82 | 33.46 | 110.12 | 33.88 |
| | 41 | 83.93 | 29.04 | 95.07 | 34.72 | 97.75 | 35.14 | 98.99 | 35.36 | 100.64 | 35.57 | 103.11 | 36.20 | 106.82 | 36.62 |
| | 43 | 83.93 | 31.36 | 92.80 | 35.78 | 95.27 | 36.41 | 96.92 | 37.04 | 98.57 | 37.46 | 101.05 | 38.01 | 104.35 | 38.55 |
| 120% | -5 | 77.54 | 11.70 | 91.36 | 13.99 | 105.59 | 15.72 | 112.18 | 17.84 | 120.64 | 19.36 | 127.65 | 19.63 | 130.74 | 18.10 |
| | 0 | 77.54 | 11.76 | 91.36 | 14.06 | 105.59 | 15.80 | 112.18 | 17.93 | 120.64 | 19.47 | 127.65 | 19.74 | 130.74 | 18.22 |
| | 5 | 77.54 | 11.87 | 91.36 | 14.16 | 105.59 | 15.93 | 112.18 | 18.06 | 120.64 | 19.61 | 127.65 | 19.89 | 130.74 | 18.39 |
| | 10 | 77.54 | 12.18 | 91.36 | 14.90 | 105.59 | 17.59 | 112.18 | 18.98 | 118.99 | 20.35 | 123.94 | 20.20 | 127.03 | 19.32 |
| | 15 | 77.54 | 12.80 | 91.36 | 15.62 | 105.59 | 18.52 | 112.18 | 19.89 | 117.75 | 20.88 | 120.23 | 20.50 | 123.32 | 20.25 |
| | 20 | 77.54 | 13.45 | 91.36 | 16.92 | 105.59 | 21.04 | 112.18 | 23.21 | 113.83 | 23.40 | 116.10 | 23.59 | 119.20 | 23.82 |
| | 25 | 77.54 | 16.04 | 91.36 | 20.50 | 105.59 | 25.42 | 108.47 | 26.52 | 110.12 | 26.52 | 112.60 | 26.73 | 115.48 | 26.94 |
| | 30 | 77.54 | 18.81 | 91.36 | 24.52 | 103.11 | 29.46 | 104.76 | 29.67 | 106.41 | 29.67 | 108.47 | 30.09 | 111.36 | 30.30 |
| | 35 | 77.54 | 22.79 | 91.36 | 29.08 | 99.40 | 32.62 | 101.05 | 32.83 | 102.29 | 33.04 | 104.76 | 33.25 | 107.65 | 33.67 |
| | 41 | 77.54 | 26.10 | 91.36 | 33.88 | 95.69 | 34.72 | 96.92 | 34.72 | 98.57 | 34.72 | 101.05 | 36.20 | 103.94 | 36.20 |
| | 43 | 77.54 | 27.99 | 91.36 | 35.57 | 93.62 | 35.78 | 94.86 | 36.41 | 96.10 | 37.04 | 98.57 | 37.67 | 101.87 | 38.20 |
| 110% | -5 | 70.94 | 10.25 | 83.93 | 12.58 | 96.51 | 14.90 | 102.70 | 16.20 | 109.30 | 17.28 | 125.59 | 20.75 | 129.10 | 19.49 |
| | 0 | 70.94 | 10.31 | 83.93 | 12.65 | 96.51 | 14.98 | 102.70 | 16.29 | 109.30 | 17.38 | 125.59 | 20.85 | 129.10 | 19.61 |
| | 5 | 70.94 | 10.42 | 83.93 | 12.75 | 96.51 | 15.11 | 102.70 | 16.41 | 109.30 | 17.53 | 125.59 | 21.00 | 129.10 | 19.78 |
| | 10 | 70.94 | 10.96 | 83.93 | 13.41 | 96.51 | 15.89 | 102.70 | 17.15 | 109.30 | 18.39 | 121.88 | 20.88 | 124.97 | 20.12 |
| | 15 | 70.94 | 11.49 | 83.93 | 14.06 | 96.51 | 16.65 | 102.70 | 17.87 | 109.30 | 19.28 | 117.75 | 20.77 | 120.85 | 20.46 |
| | 20 | 70.94 | 12.10 | 83.93 | 14.82 | 96.51 | 18.39 | 102.70 | 20.27 | 109.30 | 22.27 | 114.25 | 23.44 | 117.13 | 23.63 |
| | 25 | 70.94 | 14.12 | 83.93 | 17.97 | 96.51 | 22.27 | 102.70 | 26.41 | 106.41 | 27.57 | 108.89 | 27.78 | 111.77 | 28.20 |
| | 30 | 70.94 | 16.96 | 83.93 | 21.53 | 96.51 | 26.73 | 102.70 | 29.25 | 103.52 | 29.46 | 106.41 | 29.88 | 109.30 | 30.09 |
| | 35 | 70.94 | 20.08 | 83.93 | 25.55 | 96.51 | 31.57 | 98.99 | 32.62 | 100.22 | 32.62 | 102.70 | 33.04 | 105.59 | 33.25 |
| | 41 | 70.94 | 23.30 | 83.93 | 29.74 | 93.62 | 35.14 | 95.27 | 35.36 | 96.51 | 35.14 | 98.57 | 35.99 | 101.87 | 36.62 |
| | 43 | 70.94 | 25.25 | 83.93 | 31.78 | 91.15 | 34.93 | 93.21 | 35.78 | 94.45 | 36.83 | 96.51 | 37.25 | 99.40 | 38.09 |
| 100% | -5 | 64.55 | 9.53 | 76.10 | 11.22 | 87.44 | 13.45 | 90.00 | 14.37 | 99.40 | 15.36 | 110.95 | 17.53 | 126.62 | 20.71 |
| | 0 | 64.55 | 9.60 | 76.10 | 11.28 | 87.44 | 13.53 | 90.00 | 14.46 | 99.40 | 15.47 | 110.95 | 17.63 | 126.62 | 20.83 |
| | 5 | 64.55 | 9.70 | 76.10 | 11.39 | 87.44 | 13.66 | 90.00 | 14.58 | 99.40 | 15.62 | 110.95 | 17.78 | 126.62 | 21.00 |
| | 10 | 64.55 | 9.76 | 76.10 | 11.95 | 87.44 | 14.16 | 90.00 | 15.30 | 99.40 | 16.41 | 110.95 | 18.71 | 122.50 | 20.88 |
| | 15 | 64.55 | 10.23 | 76.10 | 12.52 | 87.44 | 14.86 | 90.00 | 16.04 | 99.40 | 17.21 | 110.95 | 19.61 | 118.37 | 20.77 |
| | 20 | 64.55 | 10.77 | 76.10 | 13.17 | 87.44 | 15.89 | 90.00 | 17.53 | 99.40 | 19.21 | 110.95 | 22.79 | 114.66 | 23.44 |
| | 25 | 64.55 | 12.29 | 76.10 | 15.62 | 87.44 | 19.28 | 90.00 | 21.23 | 99.40 | 23.25 | 108.47 | 26.31 | 110.95 | 26.52 |
| | 30 | 64.55 | 14.69 | 76.10 | 18.71 | 87.44 | 23.07 | 90.00 | 25.38 | 99.40 | 27.57 | 104.35 | 29.46 | 106.82 | 29.88 |
| | 35 | 64.55 | 17.53 | 76.10 | 22.22 | 87.44 | 27.38 | 90.00 | 28.20 | 98.57 | 32.41 | 100.64 | 32.83 | 103.11 | 33.04 |
| | 41 | 64.55 | 20.27 | 76.10 | 25.59 | 87.44 | 31.80 | 89.60 | 33.67 | 94.86 | 35.36 | 96.92 | 35.57 | 99.40 | 35.99 |
| | 43 | 64.55 | 22.22 | 76.10 | 27.53 | 87.44 | 33.76 | 89.00 | 34.93 | 92.39 | 35.78 | 94.86 | 36.62 | 97.34 | 37.25 |

To be continued

Continued

| Capacity Factor (%) | Outdoor Temp (°C WB) | YCV900HR | | | | | | Cooling Capacity | | | | | | | |
|---------------------|----------------------|----------------------|-------|---------|-------|---------|-------|------------------|-------|---------|-------|---------|-------|---------|-------|
| | | Indoor Temp. (°C WB) | | | | | | | | | | | | | |
| | | 14 (°C) | | 16 (°C) | | 18 (°C) | | 19.4 (°C) | | 20 (°C) | | 22 (°C) | | 24 (°C) | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| 90% | -5 | 58.09 | 7.95 | 68.49 | 9.83 | 78.69 | 11.70 | 81.00 | 12.63 | 89.50 | 13.49 | 99.81 | 15.51 | 110.54 | 17.42 |
| | 0 | 58.09 | 8.02 | 68.49 | 9.89 | 78.69 | 11.78 | 81.00 | 12.71 | 89.50 | 13.59 | 99.81 | 15.61 | 110.54 | 17.55 |
| | 5 | 58.09 | 8.12 | 68.49 | 10.00 | 78.69 | 11.91 | 81.00 | 12.84 | 89.50 | 13.74 | 99.81 | 15.76 | 110.54 | 17.72 |
| | 10 | 58.09 | 8.59 | 68.49 | 10.50 | 78.69 | 12.48 | 81.00 | 13.47 | 89.50 | 14.48 | 99.81 | 16.54 | 110.54 | 18.60 |
| | 15 | 58.09 | 9.05 | 68.49 | 10.99 | 78.69 | 13.05 | 81.00 | 14.12 | 89.50 | 15.19 | 99.81 | 17.30 | 110.54 | 19.47 |
| | 20 | 58.09 | 9.51 | 68.49 | 11.57 | 78.69 | 13.74 | 81.00 | 14.92 | 89.50 | 16.33 | 99.81 | 19.36 | 110.54 | 22.56 |
| | 25 | 58.09 | 10.59 | 68.49 | 13.41 | 78.69 | 16.46 | 81.00 | 18.10 | 89.50 | 19.82 | 99.81 | 23.44 | 108.47 | 26.31 |
| | 30 | 58.09 | 12.71 | 68.49 | 16.08 | 78.69 | 19.74 | 81.00 | 21.68 | 89.50 | 23.72 | 99.81 | 28.20 | 104.76 | 29.46 |
| | 35 | 58.09 | 15.11 | 68.49 | 19.05 | 78.69 | 23.40 | 81.00 | 25.67 | 89.50 | 28.20 | 98.57 | 32.41 | 101.05 | 32.62 |
| | 41 | 58.09 | 17.40 | 68.49 | 22.08 | 78.69 | 27.15 | 81.00 | 27.99 | 89.50 | 32.62 | 94.86 | 35.14 | 96.51 | 35.57 |
| | 43 | 58.09 | 19.40 | 68.49 | 23.44 | 78.69 | 29.04 | 81.00 | 31.36 | 89.50 | 33.25 | 92.39 | 34.30 | 94.45 | 36.62 |
| 80% | -5 | 51.64 | 6.96 | 60.88 | 8.54 | 69.95 | 10.06 | 72.00 | 10.90 | 79.19 | 11.70 | 88.68 | 13.40 | 98.57 | 15.04 |
| | 0 | 51.64 | 7.03 | 60.88 | 8.61 | 69.95 | 10.14 | 72.00 | 10.98 | 79.19 | 11.81 | 88.68 | 13.51 | 98.57 | 15.17 |
| | 5 | 51.64 | 7.13 | 60.88 | 8.71 | 69.95 | 10.27 | 72.00 | 11.11 | 79.19 | 11.95 | 88.68 | 13.66 | 98.57 | 15.34 |
| | 10 | 51.64 | 7.49 | 60.88 | 9.13 | 69.95 | 10.80 | 72.00 | 11.68 | 79.19 | 12.56 | 88.68 | 14.35 | 98.57 | 16.14 |
| | 15 | 51.64 | 7.83 | 60.88 | 9.55 | 69.95 | 11.34 | 72.00 | 12.25 | 79.19 | 13.17 | 88.68 | 15.05 | 98.57 | 16.96 |
| | 20 | 51.64 | 8.25 | 60.88 | 10.04 | 69.95 | 11.91 | 72.00 | 12.86 | 79.19 | 13.87 | 88.68 | 16.14 | 98.57 | 19.59 |
| | 25 | 51.64 | 8.97 | 60.88 | 11.30 | 69.95 | 13.87 | 72.00 | 15.19 | 79.19 | 16.60 | 88.68 | 19.59 | 98.57 | 24.52 |
| | 30 | 51.64 | 10.80 | 60.88 | 13.59 | 69.95 | 16.60 | 72.00 | 18.25 | 79.19 | 19.89 | 88.68 | 23.44 | 98.57 | 27.36 |
| | 35 | 51.64 | 12.86 | 60.88 | 16.14 | 69.95 | 19.74 | 72.00 | 21.66 | 79.19 | 23.63 | 88.68 | 27.78 | 98.57 | 32.20 |
| | 41 | 51.64 | 15.15 | 60.88 | 18.60 | 69.95 | 22.79 | 72.00 | 25.09 | 79.19 | 27.57 | 88.68 | 32.41 | 94.04 | 35.14 |
| | 43 | 51.64 | 17.68 | 60.88 | 20.31 | 69.95 | 24.24 | 72.00 | 27.36 | 79.19 | 30.30 | 88.68 | 33.46 | 89.50 | 35.99 |
| 70% | -5 | 45.18 | 5.89 | 53.27 | 7.20 | 61.21 | 8.52 | 63.00 | 9.22 | 69.50 | 9.93 | 77.54 | 11.38 | 86.20 | 9.03 |
| | 0 | 45.18 | 5.95 | 53.27 | 7.26 | 61.21 | 8.61 | 63.00 | 9.30 | 69.50 | 10.04 | 77.54 | 11.49 | 86.20 | 9.15 |
| | 5 | 45.18 | 6.06 | 53.27 | 7.37 | 61.21 | 8.73 | 63.00 | 9.43 | 69.50 | 10.19 | 77.54 | 11.64 | 86.20 | 9.32 |
| | 10 | 45.18 | 6.38 | 53.27 | 7.74 | 61.21 | 9.20 | 63.00 | 9.93 | 69.50 | 10.69 | 77.54 | 12.23 | 86.20 | 13.78 |
| | 15 | 45.18 | 6.67 | 53.27 | 8.12 | 61.21 | 9.66 | 63.00 | 10.42 | 69.50 | 11.20 | 77.54 | 12.80 | 86.20 | 14.44 |
| | 20 | 45.18 | 7.03 | 53.27 | 8.54 | 61.21 | 10.16 | 63.00 | 10.96 | 69.50 | 11.81 | 77.54 | 13.47 | 86.20 | 15.34 |
| | 25 | 45.18 | 7.45 | 53.27 | 9.34 | 61.21 | 11.41 | 63.00 | 12.52 | 69.50 | 13.66 | 77.54 | 16.08 | 86.20 | 18.60 |
| | 30 | 45.18 | 9.01 | 53.27 | 11.26 | 61.21 | 13.74 | 63.00 | 15.05 | 69.50 | 16.37 | 77.54 | 19.23 | 86.20 | 22.27 |
| | 35 | 45.18 | 10.77 | 53.27 | 13.41 | 61.21 | 16.31 | 63.00 | 17.87 | 69.50 | 19.42 | 77.54 | 22.83 | 86.20 | 26.52 |
| | 41 | 45.18 | 12.29 | 53.27 | 15.19 | 61.21 | 18.81 | 63.00 | 20.27 | 69.50 | 22.50 | 77.54 | 26.52 | 86.20 | 30.73 |
| | 43 | 45.18 | 13.05 | 53.27 | 15.99 | 61.21 | 20.92 | 63.00 | 22.62 | 69.50 | 24.33 | 77.54 | 28.83 | 86.20 | 33.67 |
| 60% | -5 | 38.73 | 4.86 | 45.66 | 5.98 | 52.46 | 7.05 | 54.00 | 7.70 | 60.01 | 8.18 | 66.61 | 9.36 | 73.83 | 10.54 |
| | 0 | 38.73 | 4.92 | 45.66 | 6.04 | 52.46 | 7.13 | 54.00 | 7.79 | 60.01 | 8.29 | 66.61 | 9.47 | 73.83 | 10.67 |
| | 5 | 38.73 | 5.03 | 45.66 | 6.15 | 52.46 | 7.26 | 54.00 | 7.91 | 60.01 | 8.44 | 66.61 | 9.62 | 73.83 | 10.84 |
| | 10 | 38.73 | 5.30 | 45.66 | 6.46 | 52.46 | 7.64 | 54.00 | 8.25 | 60.01 | 8.86 | 66.61 | 10.12 | 73.83 | 11.41 |
| | 15 | 38.73 | 5.58 | 45.66 | 6.76 | 52.46 | 8.02 | 54.00 | 8.67 | 60.01 | 9.28 | 66.61 | 10.61 | 73.83 | 12.00 |
| | 20 | 38.73 | 5.85 | 45.66 | 7.09 | 52.46 | 8.40 | 54.00 | 9.09 | 60.01 | 9.76 | 66.61 | 11.20 | 73.83 | 12.61 |
| | 25 | 38.73 | 6.15 | 45.66 | 7.56 | 52.46 | 9.20 | 54.00 | 10.04 | 60.01 | 10.96 | 66.61 | 12.84 | 73.83 | 14.82 |
| | 30 | 38.73 | 7.32 | 45.66 | 9.15 | 52.46 | 11.11 | 54.00 | 12.10 | 60.01 | 13.17 | 66.61 | 15.38 | 73.83 | 17.76 |
| | 35 | 38.73 | 8.78 | 45.66 | 10.92 | 52.46 | 13.17 | 54.00 | 14.39 | 60.01 | 15.66 | 66.61 | 18.25 | 73.83 | 21.07 |
| | 41 | 38.73 | 10.00 | 45.66 | 12.42 | 52.46 | 15.11 | 54.00 | 16.54 | 60.01 | 18.01 | 66.61 | 21.11 | 73.83 | 24.43 |
| | 43 | 38.73 | 10.92 | 45.66 | 12.67 | 52.46 | 16.50 | 54.00 | 18.48 | 60.01 | 19.74 | 66.61 | 22.69 | 73.83 | 26.73 |
| 50% | -5 | 32.27 | 3.91 | 38.05 | 4.86 | 43.72 | 5.64 | 45.00 | 5.98 | 49.70 | 6.46 | 55.47 | 7.49 | 61.45 | 8.42 |
| | 0 | 32.27 | 3.98 | 38.05 | 4.92 | 43.72 | 5.72 | 45.00 | 6.06 | 49.70 | 6.56 | 55.47 | 7.60 | 61.45 | 8.54 |
| | 5 | 32.27 | 4.08 | 38.05 | 5.03 | 43.72 | 5.85 | 45.00 | 6.19 | 49.70 | 6.71 | 55.47 | 7.74 | 61.45 | 8.71 |
| | 10 | 32.27 | 4.27 | 38.05 | 5.20 | 43.72 | 6.15 | 45.00 | 6.61 | 49.70 | 7.09 | 55.47 | 8.12 | 61.45 | 9.15 |
| | 15 | 32.27 | 4.46 | 38.05 | 5.35 | 43.72 | 6.46 | 45.00 | 6.94 | 49.70 | 7.49 | 55.47 | 8.52 | 61.45 | 9.62 |
| | 20 | 32.27 | 4.69 | 38.05 | 5.72 | 43.72 | 6.76 | 45.00 | 7.30 | 49.70 | 7.83 | 55.47 | 8.97 | 61.45 | 10.12 |
| | 25 | 32.27 | 4.97 | 38.05 | 6.00 | 43.72 | 7.13 | 45.00 | 7.79 | 49.70 | 8.48 | 55.47 | 9.89 | 61.45 | 11.39 |
| | 30 | 32.27 | 5.81 | 38.05 | 7.18 | 43.72 | 8.63 | 45.00 | 9.43 | 49.70 | 10.23 | 55.47 | 11.95 | 61.45 | 13.66 |
| | 35 | 32.27 | 6.99 | 38.05 | 8.59 | 43.72 | 10.35 | 45.00 | 11.22 | 49.70 | 12.18 | 55.47 | 14.16 | 61.45 | 16.23 |
| | 41 | 32.27 | 7.93 | 38.05 | 9.13 | 43.72 | 11.81 | 45.00 | 12.86 | 49.70 | 13.97 | 55.47 | 16.27 | 61.45 | 18.71 |
| | 43 | 32.27 | 8.86 | 38.05 | 10.04 | 43.72 | 12.94 | 45.00 | 14.02 | 49.70 | 15.11 | 55.47 | 17.76 | 61.45 | 20.43 |

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

| | | YCV960HR | | | | | | Cooling Capacity | | | | | | | |
|---------------------|----------------------|-----------------------|-------|---------|-------|---------|-------|------------------|-------|---------|-------|---------|-------|---------|-------|
| Capacity Factor (%) | Outdoor Temp (°C WB) | Indoor Temp. (°C WB) | | | | | | | | | | | | | |
| | | 14 (°C) | | 16 (°C) | | 18 (°C) | | 19.4 (°C) | | 20 (°C) | | 22 (°C) | | 24 (°C) | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| | | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| 130% | -5 | 85.74 | 13.50 | 101.08 | 16.36 | 116.43 | 19.00 | 123.76 | 21.33 | 128.22 | 20.90 | 131.19 | 18.93 | 134.06 | 17.80 |
| | 0 | 85.74 | 13.59 | 101.08 | 16.46 | 116.43 | 19.12 | 123.76 | 21.45 | 128.22 | 21.06 | 131.19 | 19.09 | 134.06 | 17.99 |
| | 5 | 85.74 | 13.75 | 101.08 | 16.61 | 116.43 | 19.31 | 123.76 | 21.64 | 128.22 | 21.28 | 131.19 | 19.31 | 134.06 | 18.25 |
| | 10 | 85.74 | 14.18 | 101.08 | 17.11 | 116.43 | 20.09 | 124.55 | 21.58 | 125.64 | 21.20 | 128.61 | 20.25 | 131.48 | 19.29 |
| | 15 | 85.74 | 14.84 | 101.08 | 17.89 | 116.43 | 20.99 | 121.38 | 21.55 | 122.66 | 21.32 | 124.55 | 21.39 | 127.72 | 21.45 |
| | 20 | 85.74 | 15.62 | 101.08 | 19.87 | 115.14 | 24.08 | 117.61 | 24.16 | 117.72 | 24.30 | 120.79 | 24.53 | 123.56 | 24.75 |
| | 25 | 85.74 | 18.79 | 101.08 | 23.89 | 111.38 | 27.26 | 113.46 | 27.38 | 113.95 | 27.45 | 117.02 | 27.68 | 119.60 | 27.99 |
| | 30 | 85.74 | 22.27 | 101.08 | 27.38 | 107.22 | 30.41 | 108.31 | 30.55 | 110.00 | 30.61 | 110.89 | 30.93 | 115.64 | 31.67 |
| | 35 | 85.74 | 26.32 | 100.19 | 33.24 | 104.25 | 33.66 | 104.55 | 33.80 | 106.13 | 33.91 | 109.10 | 34.28 | 111.78 | 34.50 |
| | 41 | 85.74 | 30.18 | 98.41 | 35.85 | 99.50 | 36.27 | 101.08 | 36.38 | 102.37 | 36.48 | 105.34 | 36.81 | 107.52 | 37.12 |
| | 43 | 85.74 | 32.80 | 96.42 | 36.59 | 97.32 | 36.81 | 99.00 | 37.32 | 100.10 | 37.53 | 103.26 | 37.83 | 104.75 | 38.66 |
| 120% | -5 | 79.40 | 12.40 | 93.26 | 14.72 | 107.62 | 16.92 | 114.55 | 18.70 | 122.18 | 20.14 | 128.91 | 20.51 | 131.58 | 19.27 |
| | 0 | 79.40 | 12.50 | 93.26 | 14.81 | 107.62 | 17.05 | 114.55 | 18.83 | 122.18 | 20.30 | 128.91 | 20.67 | 131.58 | 19.46 |
| | 5 | 79.40 | 12.65 | 93.26 | 14.97 | 107.62 | 17.24 | 114.55 | 19.02 | 122.18 | 20.52 | 128.91 | 20.89 | 131.58 | 19.71 |
| | 10 | 79.40 | 12.92 | 93.26 | 15.62 | 107.62 | 18.36 | 114.55 | 19.71 | 121.48 | 21.10 | 126.63 | 20.94 | 129.00 | 20.08 |
| | 15 | 79.40 | 13.54 | 93.26 | 16.37 | 107.62 | 19.22 | 114.55 | 20.63 | 120.00 | 21.62 | 122.47 | 21.25 | 125.04 | 21.19 |
| | 20 | 79.40 | 14.18 | 93.26 | 17.65 | 107.62 | 21.77 | 114.55 | 23.98 | 116.03 | 24.15 | 118.51 | 24.34 | 121.18 | 24.56 |
| | 25 | 79.40 | 16.78 | 93.26 | 21.25 | 107.62 | 26.19 | 110.79 | 27.17 | 112.27 | 27.26 | 114.94 | 27.68 | 117.22 | 27.68 |
| | 30 | 79.40 | 19.79 | 93.26 | 25.28 | 104.95 | 30.19 | 106.63 | 30.38 | 108.11 | 30.55 | 110.39 | 30.72 | 113.26 | 31.03 |
| | 35 | 79.40 | 23.52 | 93.26 | 29.88 | 102.17 | 33.34 | 102.87 | 33.49 | 104.25 | 33.60 | 106.83 | 33.97 | 109.30 | 34.39 |
| | 41 | 79.40 | 27.04 | 93.26 | 34.50 | 97.42 | 36.05 | 99.20 | 36.16 | 100.69 | 36.16 | 102.27 | 36.81 | 104.95 | 36.81 |
| | 43 | 79.40 | 29.54 | 93.26 | 36.48 | 95.44 | 36.80 | 97.12 | 36.99 | 98.21 | 37.32 | 99.90 | 37.66 | 103.07 | 37.91 |
| 110% | -5 | 72.87 | 11.08 | 85.54 | 13.31 | 98.61 | 15.62 | 104.94 | 16.98 | 111.38 | 18.19 | 126.93 | 21.38 | 129.50 | 20.34 |
| | 0 | 72.87 | 11.17 | 85.54 | 13.41 | 98.61 | 15.75 | 104.94 | 17.11 | 111.38 | 18.35 | 126.93 | 21.54 | 129.50 | 20.53 |
| | 5 | 72.87 | 11.33 | 85.54 | 13.57 | 98.61 | 15.94 | 104.94 | 17.30 | 111.38 | 18.58 | 126.93 | 21.76 | 129.50 | 20.78 |
| | 10 | 72.87 | 11.69 | 85.54 | 14.14 | 98.61 | 16.63 | 104.94 | 17.89 | 111.38 | 19.16 | 124.35 | 21.64 | 126.73 | 20.87 |
| | 15 | 72.87 | 12.26 | 85.54 | 14.81 | 98.61 | 17.41 | 104.94 | 18.66 | 111.38 | 20.02 | 120.19 | 21.53 | 122.87 | 21.20 |
| | 20 | 72.87 | 12.84 | 85.54 | 15.57 | 98.61 | 19.14 | 104.94 | 21.02 | 111.38 | 23.00 | 116.43 | 24.18 | 118.91 | 24.37 |
| | 25 | 72.87 | 14.86 | 85.54 | 18.74 | 98.61 | 23.00 | 104.94 | 26.14 | 109.30 | 27.69 | 111.77 | 27.90 | 114.25 | 28.22 |
| | 30 | 72.87 | 17.66 | 85.54 | 22.28 | 98.61 | 27.57 | 104.94 | 29.90 | 105.34 | 30.28 | 108.51 | 30.61 | 110.98 | 30.72 |
| | 35 | 72.87 | 20.83 | 85.54 | 26.30 | 98.61 | 31.27 | 101.08 | 33.19 | 102.37 | 33.49 | 104.55 | 33.86 | 107.03 | 34.28 |
| | 41 | 72.87 | 24.26 | 85.54 | 30.82 | 96.03 | 34.22 | 97.52 | 36.01 | 98.61 | 35.90 | 100.10 | 36.39 | 103.07 | 36.71 |
| | 43 | 72.87 | 26.31 | 85.54 | 33.12 | 93.56 | 35.55 | 95.44 | 36.41 | 96.33 | 36.84 | 97.82 | 37.24 | 100.69 | 37.56 |
| 100% | -5 | 65.94 | 10.11 | 77.62 | 11.93 | 89.40 | 14.13 | 96.00 | 15.63 | 101.18 | 16.17 | 113.06 | 18.48 | 129.59 | 21.30 |
| | 0 | 65.94 | 10.20 | 77.62 | 12.02 | 89.40 | 14.26 | 96.00 | 15.76 | 101.18 | 16.33 | 113.06 | 18.64 | 129.59 | 21.49 |
| | 5 | 65.94 | 10.36 | 77.62 | 12.18 | 89.40 | 14.45 | 96.00 | 15.95 | 101.18 | 16.55 | 113.06 | 18.86 | 129.59 | 21.74 |
| | 10 | 65.94 | 10.51 | 77.62 | 12.69 | 89.40 | 14.89 | 96.00 | 16.02 | 101.18 | 17.18 | 113.06 | 19.45 | 126.72 | 21.62 |
| | 15 | 65.94 | 10.98 | 77.62 | 13.25 | 89.40 | 15.59 | 96.00 | 16.80 | 101.18 | 17.96 | 113.06 | 20.35 | 123.55 | 21.51 |
| | 20 | 65.94 | 11.52 | 77.62 | 13.91 | 89.40 | 16.63 | 96.00 | 18.27 | 101.18 | 19.97 | 113.06 | 23.54 | 120.77 | 24.18 |
| | 25 | 65.94 | 13.02 | 77.62 | 16.37 | 89.40 | 20.02 | 96.00 | 21.98 | 101.18 | 23.99 | 110.39 | 27.26 | 116.61 | 27.36 |
| | 30 | 65.94 | 15.49 | 77.62 | 19.35 | 89.40 | 23.81 | 96.00 | 25.94 | 101.18 | 28.49 | 106.33 | 30.30 | 111.67 | 30.61 |
| | 35 | 65.94 | 18.27 | 77.62 | 22.94 | 89.40 | 28.13 | 96.00 | 27.40 | 100.49 | 33.19 | 102.57 | 33.55 | 106.92 | 33.86 |
| | 41 | 65.94 | 21.24 | 77.62 | 26.62 | 89.40 | 32.72 | 95.23 | 34.29 | 96.73 | 35.82 | 98.81 | 36.28 | 100.89 | 35.98 |
| | 43 | 65.94 | 23.51 | 77.62 | 28.82 | 89.40 | 35.09 | 93.80 | 35.64 | 94.25 | 36.59 | 96.93 | 36.92 | 98.61 | 37.03 |

To be continued

Continued

| Capacity Factor (%) | Outdoor Temp (°C WB) | YCV960HR | | | | | | Cooling Capacity | | | | | | | |
|---------------------|----------------------|----------------------|-------|---------|-------|---------|-------|------------------|-------|---------|-------|---------|-------|---------|-------|
| | | Indoor Temp. (°C WB) | | | | | | | | | | | | | |
| | | 14 (°C) | | 16 (°C) | | 18 (°C) | | 19.4 (°C) | | 20 (°C) | | 22 (°C) | | 24 (°C) | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| 90% | -5 | 59.34 | 8.77 | 69.86 | 10.66 | 80.46 | 12.50 | 86.40 | 13.38 | 91.48 | 14.45 | 101.78 | 16.26 | 112.27 | 18.20 |
| | 0 | 59.34 | 8.86 | 69.86 | 10.75 | 80.46 | 12.63 | 86.40 | 13.51 | 91.48 | 14.61 | 101.78 | 16.42 | 112.27 | 18.39 |
| | 5 | 59.34 | 9.02 | 69.86 | 10.91 | 80.46 | 12.82 | 86.40 | 13.70 | 91.48 | 14.83 | 101.78 | 16.64 | 112.27 | 18.64 |
| | 10 | 59.34 | 9.33 | 69.86 | 11.24 | 80.46 | 13.19 | 86.40 | 14.22 | 91.48 | 15.21 | 101.78 | 17.27 | 112.27 | 19.33 |
| | 15 | 59.34 | 9.76 | 69.86 | 11.74 | 80.46 | 13.80 | 86.40 | 14.84 | 91.48 | 15.95 | 101.78 | 18.05 | 112.27 | 20.21 |
| | 20 | 59.34 | 10.24 | 69.86 | 12.33 | 80.46 | 14.48 | 86.40 | 15.67 | 91.48 | 17.10 | 101.78 | 20.09 | 112.27 | 23.32 |
| | 25 | 59.34 | 11.31 | 69.86 | 14.14 | 80.46 | 17.22 | 86.40 | 18.85 | 91.48 | 20.54 | 101.78 | 24.16 | 110.19 | 27.26 |
| | 30 | 59.34 | 13.46 | 69.86 | 16.82 | 80.46 | 20.49 | 86.40 | 22.43 | 91.48 | 24.47 | 101.78 | 28.83 | 106.53 | 30.30 |
| | 35 | 59.34 | 15.85 | 69.86 | 19.80 | 80.46 | 24.15 | 86.40 | 26.48 | 91.48 | 28.89 | 100.49 | 33.24 | 102.57 | 33.55 |
| | 41 | 59.34 | 18.25 | 69.86 | 23.01 | 80.46 | 27.99 | 86.40 | 30.06 | 91.48 | 33.30 | 96.33 | 36.17 | 98.41 | 36.28 |
| 80% | -5 | 52.75 | 7.73 | 62.10 | 9.31 | 71.52 | 10.88 | 76.80 | 11.81 | 80.99 | 12.43 | 90.49 | 14.19 | 99.90 | 15.58 |
| | 0 | 52.75 | 7.83 | 62.10 | 9.41 | 71.52 | 11.00 | 76.80 | 11.93 | 80.99 | 12.59 | 90.49 | 14.35 | 99.90 | 15.77 |
| | 5 | 52.75 | 7.98 | 62.10 | 9.57 | 71.52 | 11.19 | 76.80 | 12.12 | 80.99 | 12.81 | 90.49 | 14.57 | 99.90 | 16.02 |
| | 10 | 52.75 | 8.22 | 62.10 | 9.87 | 71.52 | 11.54 | 76.80 | 12.55 | 80.99 | 13.30 | 90.49 | 15.10 | 99.90 | 16.89 |
| | 15 | 52.75 | 8.56 | 62.10 | 10.29 | 71.52 | 12.09 | 76.80 | 12.99 | 80.99 | 13.91 | 90.49 | 15.80 | 99.90 | 17.68 |
| | 20 | 52.75 | 8.97 | 62.10 | 10.77 | 71.52 | 12.66 | 76.80 | 13.61 | 80.99 | 14.60 | 90.49 | 16.89 | 99.90 | 19.91 |
| | 25 | 52.75 | 9.69 | 62.10 | 12.03 | 71.52 | 14.60 | 76.80 | 15.95 | 80.99 | 17.34 | 90.49 | 20.34 | 99.90 | 24.30 |
| | 30 | 52.75 | 11.54 | 62.10 | 14.32 | 71.52 | 17.34 | 76.80 | 18.98 | 80.99 | 20.65 | 90.49 | 24.18 | 99.90 | 27.99 |
| | 35 | 52.75 | 13.59 | 62.10 | 16.87 | 71.52 | 20.49 | 76.80 | 22.40 | 80.99 | 24.37 | 90.49 | 28.52 | 99.90 | 33.13 |
| | 41 | 52.75 | 15.67 | 62.10 | 19.80 | 71.52 | 23.75 | 76.80 | 25.99 | 80.99 | 28.39 | 89.50 | 33.03 | 95.64 | 35.65 |
| 70% | -5 | 46.16 | 6.64 | 54.33 | 7.98 | 62.58 | 9.15 | 67.20 | 10.09 | 70.79 | 10.64 | 79.11 | 12.12 | 87.52 | 11.62 |
| | 0 | 46.16 | 6.74 | 54.33 | 8.08 | 62.58 | 9.28 | 67.20 | 10.21 | 70.79 | 10.79 | 79.11 | 12.28 | 87.52 | 11.81 |
| | 5 | 46.16 | 6.89 | 54.33 | 8.24 | 62.58 | 9.47 | 67.20 | 10.40 | 70.79 | 11.02 | 79.11 | 12.51 | 87.52 | 12.06 |
| | 10 | 46.16 | 7.09 | 54.33 | 8.48 | 62.58 | 9.92 | 67.20 | 10.67 | 70.79 | 11.43 | 79.11 | 12.95 | 87.52 | 14.51 |
| | 15 | 46.16 | 7.41 | 54.33 | 8.86 | 62.58 | 10.39 | 67.20 | 11.15 | 70.79 | 11.93 | 79.11 | 13.54 | 87.52 | 15.19 |
| | 20 | 46.16 | 7.75 | 54.33 | 9.28 | 62.58 | 10.88 | 67.20 | 11.69 | 70.79 | 12.52 | 79.11 | 14.22 | 87.52 | 16.09 |
| | 25 | 46.16 | 8.19 | 54.33 | 10.09 | 62.58 | 12.16 | 67.20 | 13.25 | 70.79 | 14.41 | 79.11 | 16.82 | 87.52 | 19.35 |
| | 30 | 46.16 | 9.75 | 54.33 | 11.97 | 62.58 | 14.48 | 67.20 | 15.78 | 70.79 | 17.13 | 79.11 | 20.01 | 87.52 | 23.02 |
| | 35 | 46.16 | 11.50 | 54.33 | 14.14 | 62.58 | 17.06 | 67.20 | 18.60 | 70.79 | 20.19 | 79.11 | 23.59 | 87.52 | 27.26 |
| | 41 | 46.16 | 13.10 | 54.33 | 16.26 | 62.58 | 19.83 | 67.20 | 21.45 | 70.79 | 23.46 | 79.11 | 27.26 | 87.52 | 31.66 |
| 60% | -5 | 39.56 | 5.60 | 46.57 | 6.73 | 53.64 | 7.78 | 57.60 | 8.46 | 60.79 | 8.91 | 67.82 | 9.91 | 74.95 | 11.03 |
| | 0 | 39.56 | 5.70 | 46.57 | 6.83 | 53.64 | 7.91 | 57.60 | 8.59 | 60.79 | 9.06 | 67.82 | 10.06 | 74.95 | 11.22 |
| | 5 | 39.56 | 5.86 | 46.57 | 6.99 | 53.64 | 8.10 | 57.60 | 8.78 | 60.79 | 9.29 | 67.82 | 10.29 | 74.95 | 11.47 |
| | 10 | 39.56 | 6.04 | 46.57 | 7.18 | 53.64 | 8.35 | 57.60 | 9.16 | 60.79 | 9.60 | 67.82 | 10.86 | 74.95 | 12.16 |
| | 15 | 39.56 | 6.30 | 46.57 | 7.48 | 53.64 | 8.73 | 57.60 | 9.39 | 60.79 | 10.03 | 67.82 | 11.35 | 74.95 | 12.73 |
| | 20 | 39.56 | 6.58 | 46.57 | 7.84 | 53.64 | 9.12 | 57.60 | 9.82 | 60.79 | 10.51 | 67.82 | 11.91 | 74.95 | 13.33 |
| | 25 | 39.56 | 6.89 | 46.57 | 8.30 | 53.64 | 9.92 | 57.60 | 10.79 | 60.79 | 11.69 | 67.82 | 13.58 | 74.95 | 15.55 |
| | 30 | 39.56 | 8.07 | 46.57 | 9.90 | 53.64 | 13.70 | 57.60 | 12.84 | 60.79 | 13.87 | 67.82 | 16.12 | 74.95 | 18.50 |
| | 35 | 39.56 | 9.50 | 46.57 | 11.63 | 53.64 | 13.93 | 57.60 | 15.14 | 60.79 | 16.40 | 67.82 | 19.00 | 74.95 | 21.81 |
| | 41 | 39.56 | 10.95 | 46.57 | 11.48 | 53.64 | 16.00 | 57.60 | 16.92 | 60.79 | 18.97 | 67.82 | 22.07 | 74.95 | 25.40 |
| 50% | -5 | 32.97 | 4.64 | 38.81 | 5.56 | 44.70 | 6.37 | 48.00 | 6.81 | 50.49 | 7.20 | 56.53 | 8.12 | 62.37 | 9.08 |
| | 0 | 32.97 | 4.73 | 38.81 | 5.66 | 44.70 | 6.49 | 48.00 | 6.93 | 50.49 | 7.35 | 56.53 | 8.28 | 62.37 | 9.27 |
| | 5 | 32.97 | 4.89 | 38.81 | 5.82 | 44.70 | 6.68 | 48.00 | 7.12 | 50.49 | 7.58 | 56.53 | 8.50 | 62.37 | 9.53 |
| | 10 | 32.97 | 5.02 | 38.81 | 5.92 | 44.70 | 6.89 | 48.00 | 7.36 | 50.49 | 7.84 | 56.53 | 8.86 | 62.37 | 9.90 |
| | 15 | 32.97 | 5.21 | 38.81 | 6.13 | 44.70 | 7.16 | 48.00 | 7.67 | 50.49 | 8.20 | 56.53 | 9.24 | 62.37 | 10.33 |
| | 20 | 32.97 | 5.43 | 38.81 | 6.45 | 44.70 | 7.48 | 48.00 | 8.03 | 50.49 | 8.58 | 56.53 | 9.69 | 62.37 | 10.84 |
| | 25 | 32.97 | 5.69 | 38.81 | 6.73 | 44.70 | 7.88 | 48.00 | 8.52 | 50.49 | 9.20 | 56.53 | 10.63 | 62.37 | 12.10 |
| | 30 | 32.97 | 6.54 | 38.81 | 7.90 | 44.70 | 9.37 | 48.00 | 10.16 | 50.49 | 10.98 | 56.53 | 12.65 | 62.37 | 14.41 |
| | 35 | 32.97 | 7.71 | 38.81 | 9.33 | 44.70 | 11.08 | 48.00 | 11.95 | 50.49 | 12.92 | 56.53 | 14.89 | 62.37 | 16.97 |
| | 41 | 32.97 | 8.89 | 38.81 | 10.44 | 44.70 | 12.72 | 48.00 | 13.77 | 50.49 | 14.93 | 56.53 | 17.52 | 62.37 | 19.80 |
| | 43 | 32.97 | 9.87 | 38.81 | 11.42 | 44.70 | 13.83 | 48.00 | 15.42 | 50.49 | 16.16 | 56.53 | 18.74 | 62.37 | 21.87 |

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

| Capacity Factor (%) | YCV1010HR | | | | | | | | | | Cooling Capacity | | | | | | | | | | | | | | | | | |
|---------------------|----------------------|-------|-----------------------|--------|-------|--------|---------|--------|-------|--------|------------------|--------|-------|--------|-----------|----|----|----|---------|----|----|----|---------|----|----|----|---------|--|
| | Outdoor Temp (°C WB) | | Indoor Temp. (°C WB) | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 14 (°C) | | | | 16 (°C) | | | | 18 (°C) | | | | 19.4 (°C) | | | | 20 (°C) | | | | 22 (°C) | | | | 24 (°C) | |
| | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | | |
| 130% | -5 | 91.68 | 14.15 | 108.19 | 17.16 | 124.59 | 19.94 | 132.35 | 22.39 | 137.19 | 21.94 | 140.43 | 19.88 | 143.74 | 18.65 | | | | | | | | | | | | | |
| | 0 | 91.68 | 14.24 | 108.19 | 17.25 | 124.59 | 20.07 | 132.35 | 22.52 | 137.19 | 22.10 | 140.43 | 20.04 | 143.74 | 18.84 | | | | | | | | | | | | | |
| | 5 | 91.68 | 14.40 | 108.19 | 17.41 | 124.59 | 20.26 | 132.35 | 22.71 | 137.19 | 22.32 | 140.43 | 20.26 | 143.74 | 19.09 | | | | | | | | | | | | | |
| | 10 | 91.68 | 14.87 | 108.19 | 17.95 | 124.59 | 21.09 | 133.14 | 22.66 | 134.35 | 22.25 | 137.57 | 21.24 | 140.90 | 20.24 | | | | | | | | | | | | | |
| | 15 | 91.68 | 15.55 | 108.19 | 18.77 | 124.59 | 22.03 | 129.70 | 22.61 | 131.11 | 22.37 | 133.14 | 22.44 | 136.87 | 22.51 | | | | | | | | | | | | | |
| | 20 | 91.68 | 16.39 | 108.19 | 20.85 | 123.18 | 25.26 | 125.77 | 25.37 | 126.00 | 25.50 | 129.11 | 25.74 | 132.44 | 25.98 | | | | | | | | | | | | | |
| | 25 | 91.68 | 19.72 | 108.19 | 25.06 | 119.15 | 28.65 | 121.34 | 28.67 | 121.97 | 28.83 | 125.19 | 29.06 | 128.22 | 29.48 | | | | | | | | | | | | | |
| | 30 | 91.68 | 23.37 | 108.19 | 28.83 | 114.73 | 31.97 | 115.94 | 32.11 | 117.75 | 32.18 | 118.79 | 32.49 | 124.00 | 33.22 | | | | | | | | | | | | | |
| | 35 | 91.68 | 27.61 | 107.18 | 34.87 | 111.49 | 35.29 | 111.91 | 35.54 | 113.52 | 35.64 | 116.74 | 36.02 | 119.77 | 36.23 | | | | | | | | | | | | | |
| | 41 | 91.68 | 31.75 | 105.14 | 37.67 | 106.48 | 38.09 | 108.08 | 38.19 | 109.50 | 38.30 | 112.71 | 38.61 | 115.35 | 39.03 | | | | | | | | | | | | | |
| | 43 | 91.68 | 34.35 | 103.02 | 38.40 | 104.06 | 38.72 | 105.87 | 39.22 | 107.09 | 39.43 | 110.49 | 39.77 | 112.34 | 40.08 | | | | | | | | | | | | | |
| 120% | -5 | 84.93 | 13.01 | 99.73 | 15.45 | 115.13 | 17.75 | 122.57 | 19.63 | 130.75 | 21.15 | 138.00 | 21.53 | 141.12 | 20.21 | | | | | | | | | | | | | |
| | 0 | 84.93 | 13.10 | 99.73 | 15.54 | 115.13 | 17.87 | 122.57 | 19.75 | 130.75 | 21.30 | 138.00 | 21.69 | 141.12 | 20.39 | | | | | | | | | | | | | |
| | 5 | 84.93 | 13.26 | 99.73 | 15.70 | 115.13 | 18.06 | 122.57 | 19.94 | 130.75 | 21.52 | 138.00 | 21.90 | 141.12 | 20.64 | | | | | | | | | | | | | |
| | 10 | 84.93 | 13.54 | 99.73 | 16.39 | 115.13 | 19.26 | 122.57 | 20.69 | 129.92 | 22.14 | 135.35 | 21.98 | 138.28 | 21.07 | | | | | | | | | | | | | |
| | 15 | 84.93 | 14.19 | 99.73 | 17.16 | 115.13 | 20.17 | 122.57 | 21.64 | 128.32 | 22.69 | 130.93 | 22.29 | 134.06 | 22.23 | | | | | | | | | | | | | |
| | 20 | 84.93 | 14.87 | 99.73 | 18.51 | 115.13 | 22.85 | 122.57 | 25.17 | 124.19 | 25.34 | 126.70 | 25.54 | 129.83 | 25.78 | | | | | | | | | | | | | |
| | 25 | 84.93 | 17.60 | 99.73 | 22.29 | 115.13 | 27.48 | 118.55 | 28.56 | 120.16 | 28.65 | 122.98 | 28.96 | 125.60 | 29.06 | | | | | | | | | | | | | |
| | 30 | 84.93 | 20.75 | 99.73 | 26.54 | 112.31 | 31.76 | 114.13 | 31.95 | 115.74 | 32.01 | 118.15 | 32.28 | 121.37 | 32.59 | | | | | | | | | | | | | |
| | 35 | 84.93 | 24.69 | 99.73 | 31.37 | 109.27 | 34.98 | 110.10 | 35.23 | 111.51 | 35.33 | 114.32 | 35.71 | 117.15 | 36.12 | | | | | | | | | | | | | |
| | 41 | 84.93 | 28.43 | 99.73 | 36.23 | 104.26 | 37.88 | 106.06 | 37.88 | 107.68 | 37.88 | 109.51 | 38.61 | 112.53 | 38.61 | | | | | | | | | | | | | |
| 110% | -5 | 77.88 | 11.61 | 91.48 | 13.96 | 105.46 | 16.39 | 112.31 | 17.82 | 119.16 | 19.10 | 135.78 | 22.46 | 138.92 | 21.35 | | | | | | | | | | | | | |
| | 0 | 77.88 | 11.70 | 91.48 | 14.06 | 105.46 | 16.52 | 112.31 | 17.95 | 119.16 | 19.26 | 135.78 | 22.61 | 138.92 | 21.54 | | | | | | | | | | | | | |
| | 5 | 77.88 | 11.86 | 91.48 | 14.21 | 105.46 | 16.71 | 112.31 | 18.14 | 119.16 | 19.47 | 135.78 | 22.83 | 138.92 | 21.79 | | | | | | | | | | | | | |
| | 10 | 77.88 | 12.25 | 91.48 | 14.83 | 105.46 | 17.44 | 112.31 | 18.77 | 119.16 | 20.09 | 132.94 | 22.71 | 135.87 | 21.90 | | | | | | | | | | | | | |
| | 15 | 77.88 | 12.84 | 91.48 | 15.52 | 105.46 | 18.25 | 112.31 | 19.58 | 119.16 | 21.00 | 128.51 | 22.59 | 131.64 | 22.25 | | | | | | | | | | | | | |
| | 20 | 77.88 | 13.46 | 91.48 | 16.33 | 105.46 | 20.07 | 112.31 | 22.05 | 119.16 | 24.14 | 124.59 | 25.39 | 127.41 | 25.58 | | | | | | | | | | | | | |
| | 25 | 77.88 | 15.57 | 91.48 | 19.65 | 105.46 | 24.14 | 112.31 | 27.48 | 116.92 | 29.07 | 119.54 | 29.28 | 122.37 | 29.69 | | | | | | | | | | | | | |
| | 30 | 77.88 | 18.53 | 91.48 | 23.38 | 105.46 | 28.96 | 112.31 | 31.47 | 112.72 | 31.74 | 116.13 | 32.18 | 118.96 | 32.28 | | | | | | | | | | | | | |
| | 35 | 77.88 | 21.86 | 91.48 | 27.61 | 105.46 | 32.81 | 108.08 | 34.94 | 109.49 | 35.12 | 111.91 | 35.60 | 114.74 | 35.91 | | | | | | | | | | | | | |
| | 41 | 77.88 | 25.46 | 91.48 | 32.31 | 102.64 | 36.04 | 104.25 | 37.82 | 105.46 | 37.72 | 107.09 | 38.30 | 110.51 | 38.62 | | | | | | | | | | | | | |
| 100% | -5 | 70.54 | 10.61 | 83.03 | 12.52 | 95.60 | 14.82 | 101.00 | 16.38 | 108.29 | 16.97 | 120.97 | 19.39 | 138.86 | 22.37 | | | | | | | | | | | | | |
| | 0 | 70.54 | 10.71 | 83.03 | 12.61 | 95.60 | 14.95 | 101.00 | 16.50 | 108.29 | 17.13 | 120.97 | 19.55 | 138.86 | 22.56 | | | | | | | | | | | | | |
| | 5 | 70.54 | 10.86 | 83.03 | 12.77 | 95.60 | 15.14 | 101.00 | 16.69 | 108.29 | 17.35 | 120.97 | 19.77 | 138.86 | 22.81 | | | | | | | | | | | | | |
| | 10 | 70.54 | 11.00 | 83.03 | 13.30 | 95.60 | 15.62 | 101.00 | 16.80 | 108.29 | 18.01 | 120.97 | 20.41 | 135.62 | 22.69 | | | | | | | | | | | | | |
| | 15 | 70.54 | 11.49 | 83.03 | 13.89 | 95.60 | 16.35 | 101.00 | 17.62 | 108.29 | 18.84 | 120.97 | 21.36 | 132.18 | 22.57 | | | | | | | | | | | | | |
| | 20 | 70.54 | 12.08 | 83.03 | 14.59 | 95.60 | 17.44 | 101.00 | 19.17 | 108.29 | 20.95 | 120.97 | 24.71 | 129.14 | 25.39 | | | | | | | | | | | | | |
| | 25 | 70.54 | 13.65 | 83.03 | 17.16 | 95.60 | 21.00 | 101.00 | 23.07 | 108.29 | 25.19 | 118.15 | 28.54 | 124.72 | 28.65 | | | | | | | | | | | | | |
| | 30 | 70.54 | 16.23 | 83.03 | 20.31 | 95.60 | 24.99 | 101.00 | 27.24 | 108.29 | 29.87 | 113.72 | 31.76 | 119.50 | 32.18 | | | | | | | | | | | | | |
| | 35 | 70.54 | 19.17 | 83.03 | 24.08 | 95.60 | 29.53 | 101.00 | 29.20 | 107.48 | 34.83 | 109.70 | 35.29 | 114.48 | 35.60 | | | | | | | | | | | | | |
| | 41 | 70.54 | 22.28 | 83.03 | 27.98 | 95.60 | 34.34 | 100.42 | 36.04 | 103.46 | 37.64 | 105.67 | 38.09 | 108.09 | 37.89 | | | | | | | | | | | | | |
| | 43 | 70.54 | 24.65 | 83.03 | 30.18 | 95.60 | 36.82 | 98.97 | 37.41 | 100.84 | 38.40 | 103.65 | 38.83 | 105.68 | 38.94 | | | | | | | | | | | | | |

To be continued

Continued

| YCV1010HR | | | | | | | | | | | | Cooling Capacity | | | | | | | | | |
|---------------------|----------------------|----------------------|-------|---------|-------|---------|-------|-----------|-------|---------|-------|------------------|-------|---------|-------|----|----|----|----|--|--|
| Capacity Factor (%) | Outdoor Temp (°C WB) | Indoor Temp. (°C WB) | | | | | | | | | | | | | | | | | | | |
| | | 14 (°C) | | 16 (°C) | | 18 (°C) | | 19.4 (°C) | | 20 (°C) | | 22 (°C) | | 24 (°C) | | | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | kW | kW | kW | kW | | |
| 90% | -5 | 63.49 | 9.19 | 74.72 | 11.17 | 86.04 | 13.11 | 90.90 | 14.05 | 97.82 | 15.15 | 108.89 | 17.07 | 120.37 | 19.11 | | | | | | |
| | 0 | 63.49 | 9.28 | 74.72 | 11.26 | 86.04 | 13.24 | 90.90 | 14.17 | 97.82 | 15.31 | 108.89 | 17.22 | 120.37 | 19.30 | | | | | | |
| | 5 | 63.49 | 9.44 | 74.72 | 11.42 | 86.04 | 13.42 | 90.90 | 14.36 | 97.82 | 15.53 | 108.89 | 17.44 | 120.37 | 19.55 | | | | | | |
| | 10 | 63.49 | 9.77 | 74.72 | 11.77 | 86.04 | 13.83 | 90.90 | 14.90 | 97.82 | 15.96 | 108.89 | 18.12 | 120.37 | 20.28 | | | | | | |
| | 15 | 63.49 | 10.23 | 74.72 | 12.30 | 86.04 | 14.46 | 90.90 | 15.55 | 97.82 | 16.73 | 108.89 | 18.93 | 120.37 | 21.20 | | | | | | |
| | 20 | 63.49 | 10.73 | 74.72 | 12.93 | 86.04 | 15.18 | 90.90 | 16.43 | 97.82 | 17.93 | 108.89 | 21.09 | 120.37 | 24.47 | | | | | | |
| | 25 | 63.49 | 11.86 | 74.72 | 14.83 | 86.04 | 18.06 | 90.90 | 19.78 | 97.82 | 21.57 | 108.89 | 25.37 | 118.15 | 28.54 | | | | | | |
| | 30 | 63.49 | 14.11 | 74.72 | 17.64 | 86.04 | 21.50 | 90.90 | 23.54 | 97.82 | 25.69 | 108.89 | 30.31 | 114.13 | 31.76 | | | | | | |
| | 35 | 63.49 | 16.62 | 74.72 | 20.77 | 86.04 | 25.34 | 90.90 | 27.77 | 97.82 | 30.37 | 107.48 | 34.87 | 109.90 | 35.18 | | | | | | |
| | 41 | 63.49 | 19.14 | 74.72 | 24.15 | 86.04 | 29.37 | 90.90 | 31.43 | 97.82 | 34.94 | 103.06 | 37.88 | 105.46 | 38.09 | | | | | | |
| | 43 | 63.49 | 20.51 | 74.72 | 25.96 | 86.04 | 31.55 | 90.90 | 33.94 | 97.82 | 35.83 | 99.46 | 37.67 | 103.25 | 38.83 | | | | | | |
| 80% | -5 | 56.44 | 8.10 | 66.42 | 9.77 | 76.48 | 11.41 | 80.80 | 12.38 | 86.54 | 13.05 | 96.81 | 14.89 | 107.09 | 16.36 | | | | | | |
| | 0 | 56.44 | 8.19 | 66.42 | 9.86 | 76.48 | 11.53 | 80.80 | 12.51 | 86.54 | 13.20 | 96.81 | 15.04 | 107.09 | 16.55 | | | | | | |
| | 5 | 56.44 | 8.35 | 66.42 | 10.02 | 76.48 | 11.72 | 80.80 | 12.70 | 86.54 | 13.42 | 96.81 | 15.26 | 107.09 | 16.80 | | | | | | |
| | 10 | 56.44 | 8.61 | 66.42 | 10.33 | 76.48 | 12.09 | 80.80 | 13.14 | 86.54 | 13.93 | 96.81 | 15.83 | 107.09 | 17.71 | | | | | | |
| | 15 | 56.44 | 8.96 | 66.42 | 10.79 | 76.48 | 12.67 | 80.80 | 13.61 | 86.54 | 14.59 | 96.81 | 16.57 | 107.09 | 18.55 | | | | | | |
| | 20 | 56.44 | 9.40 | 66.42 | 11.28 | 76.48 | 13.26 | 80.80 | 14.27 | 86.54 | 15.30 | 96.81 | 17.71 | 107.09 | 20.92 | | | | | | |
| | 25 | 56.44 | 10.15 | 66.42 | 12.61 | 76.48 | 15.30 | 80.80 | 16.73 | 86.54 | 18.19 | 96.81 | 21.35 | 107.09 | 25.55 | | | | | | |
| | 30 | 56.44 | 12.09 | 66.42 | 15.02 | 76.48 | 18.19 | 80.80 | 19.91 | 86.54 | 21.66 | 96.81 | 25.39 | 107.09 | 29.48 | | | | | | |
| | 35 | 56.44 | 14.25 | 66.42 | 17.69 | 76.48 | 21.50 | 80.80 | 23.51 | 86.54 | 25.58 | 96.81 | 29.89 | 107.09 | 34.77 | | | | | | |
| | 41 | 56.44 | 16.44 | 66.42 | 20.75 | 76.48 | 24.92 | 80.80 | 27.27 | 86.54 | 29.77 | 95.83 | 34.67 | 102.45 | 37.47 | | | | | | |
| | 43 | 56.44 | 18.28 | 66.42 | 21.60 | 76.48 | 26.73 | 80.80 | 29.33 | 86.54 | 31.89 | 93.46 | 36.02 | 99.00 | 38.30 | | | | | | |
| 70% | -5 | 49.38 | 6.94 | 58.12 | 8.36 | 66.92 | 9.59 | 70.70 | 10.58 | 75.78 | 11.16 | 84.54 | 12.73 | 93.80 | 12.10 | | | | | | |
| | 0 | 49.38 | 7.04 | 58.12 | 8.45 | 66.92 | 9.72 | 70.70 | 10.70 | 75.78 | 11.32 | 84.54 | 12.88 | 93.80 | 12.29 | | | | | | |
| | 5 | 49.38 | 7.20 | 58.12 | 8.61 | 66.92 | 9.91 | 70.70 | 10.89 | 75.78 | 11.53 | 84.54 | 13.10 | 93.80 | 12.54 | | | | | | |
| | 10 | 49.38 | 7.41 | 58.12 | 8.88 | 66.92 | 10.38 | 70.70 | 11.18 | 75.78 | 11.97 | 84.54 | 13.58 | 93.80 | 15.22 | | | | | | |
| | 15 | 49.38 | 7.75 | 58.12 | 9.27 | 66.92 | 10.88 | 70.70 | 11.67 | 75.78 | 12.51 | 84.54 | 14.19 | 93.80 | 15.94 | | | | | | |
| | 20 | 49.38 | 8.11 | 58.12 | 9.71 | 66.92 | 11.40 | 70.70 | 12.25 | 75.78 | 13.12 | 84.54 | 14.90 | 93.80 | 16.86 | | | | | | |
| | 25 | 49.38 | 8.57 | 58.12 | 10.56 | 66.92 | 12.74 | 70.70 | 13.89 | 75.78 | 15.10 | 84.54 | 17.64 | 93.80 | 20.30 | | | | | | |
| | 30 | 49.38 | 10.21 | 58.12 | 12.54 | 66.92 | 15.18 | 70.70 | 16.55 | 75.78 | 17.97 | 84.54 | 20.98 | 93.80 | 24.16 | | | | | | |
| | 35 | 49.38 | 12.06 | 58.12 | 14.83 | 66.92 | 17.90 | 70.70 | 19.52 | 75.78 | 21.18 | 84.54 | 24.75 | 93.80 | 28.65 | | | | | | |
| | 41 | 49.38 | 13.74 | 58.12 | 17.03 | 66.92 | 20.79 | 70.70 | 22.48 | 75.78 | 24.60 | 84.54 | 28.65 | 93.80 | 33.21 | | | | | | |
| | 43 | 49.38 | 14.67 | 58.12 | 18.23 | 66.92 | 22.77 | 70.70 | 24.79 | 75.78 | 26.65 | 82.17 | 30.62 | 92.62 | 35.51 | | | | | | |
| 60% | -5 | 42.33 | 5.85 | 49.82 | 7.05 | 57.36 | 8.16 | 60.60 | 8.87 | 65.12 | 9.34 | 72.56 | 10.40 | 80.31 | 11.59 | | | | | | |
| | 0 | 42.33 | 5.95 | 49.82 | 7.14 | 57.36 | 8.28 | 60.60 | 9.00 | 65.12 | 9.50 | 72.56 | 10.56 | 80.31 | 11.77 | | | | | | |
| | 5 | 42.33 | 6.11 | 49.82 | 7.30 | 57.36 | 8.47 | 60.60 | 9.19 | 65.12 | 9.72 | 72.56 | 10.78 | 80.31 | 12.03 | | | | | | |
| | 10 | 42.33 | 6.30 | 49.82 | 7.52 | 57.36 | 8.74 | 60.60 | 9.58 | 65.12 | 10.05 | 72.56 | 11.38 | 80.31 | 12.74 | | | | | | |
| | 15 | 42.33 | 6.58 | 49.82 | 7.83 | 57.36 | 9.14 | 60.60 | 9.83 | 65.12 | 10.51 | 72.56 | 11.89 | 80.31 | 13.34 | | | | | | |
| | 20 | 42.33 | 6.88 | 49.82 | 8.20 | 57.36 | 9.55 | 60.60 | 10.29 | 65.12 | 11.00 | 72.56 | 12.49 | 80.31 | 13.98 | | | | | | |
| | 25 | 42.33 | 7.20 | 49.82 | 8.68 | 57.36 | 10.38 | 60.60 | 11.30 | 65.12 | 12.25 | 72.56 | 14.24 | 80.31 | 16.31 | | | | | | |
| | 30 | 42.33 | 8.44 | 49.82 | 10.36 | 57.36 | 14.28 | 60.60 | 13.46 | 65.12 | 14.55 | 72.56 | 16.90 | 80.31 | 19.41 | | | | | | |
| | 35 | 42.33 | 9.95 | 49.82 | 12.19 | 57.36 | 14.61 | 60.60 | 15.88 | 65.12 | 17.20 | 72.56 | 19.94 | 80.31 | 22.88 | | | | | | |
| | 41 | 42.33 | 11.46 | 49.82 | 12.12 | 57.36 | 16.77 | 60.60 | 17.77 | 65.12 | 19.88 | 72.56 | 23.15 | 80.31 | 26.64 | | | | | | |
| | 43 | 42.33 | 12.50 | 49.82 | 12.80 | 57.36 | 17.85 | 60.60 | 19.66 | 65.12 | 21.69 | 72.56 | 25.07 | 80.31 | 28.09 | | | | | | |
| 50% | -5 | 35.27 | 4.85 | 41.51 | 5.81 | 47.80 | 6.67 | 50.50 | 7.13 | 54.05 | 7.54 | 60.48 | 8.52 | 66.83 | 9.54 | | | | | | |
| | 0 | 35.27 | 4.94 | 41.51 | 5.91 | 47.80 | 6.80 | 50.50 | 7.25 | 54.05 | 7.69 | 60.48 | 8.68 | 66.83 | 9.73 | | | | | | |
| | 5 | 35.27 | 5.10 | 41.51 | 6.06 | 47.80 | 6.99 | 50.50 | 7.44 | 54.05 | 7.91 | 60.48 | 8.90 | 66.83 | 9.98 | | | | | | |
| | 10 | 35.27 | 5.23 | 41.51 | 6.19 | 47.80 | 7.20 | 50.50 | 7.69 | 54.05 | 8.20 | 60.48 | 9.27 | 66.83 | 10.36 | | | | | | |
| | 15 | 35.27 | 5.43 | 41.51 | 6.41 | 47.80 | 7.50 | 50.50 | 8.03 | 54.05 | 8.59 | 60.48 | 9.68 | 66.83 | 10.82 | | | | | | |
| | 20 | 35.27 | 5.67 | 41.51 | 6.74 | 47.80 | 7.83 | 50.50 | 8.41 | 54.05 | 8.98 | 60.48 | 10.15 | 66.83 | 11.36 | | | | | | |
| | 25 | 35.27 | 5.95 | 41.51 | 7.04 | 47.80 | 8.24 | 50.50 | 8.92 | 54.05 | 9.64 | 60.48 | 11.14 | 66.83 | 12.69 | | | | | | |
| | 30 | 35.27 | 6.84 | 41.51 | 8.27 | 47.80 | 9.81 | 50.50 | 10.64 | 54.05 | 11.49 | 60.48 | 13.26 | 66.83 | 15.10 | | | | | | |
| | 35 | 35.27 | 8.07 | 41.51 | 9.77 | 47.80 | 11.62 | 50.50 | 12.52 | 54.05 | 13.54 | 60.48 | 15.62 | 66.83 | 17.80 | | | | | | |
| | 41 | 35.27 | 9.30 | 41.51 | 10.91 | 47.80 | 13.33 | 50.50 | 14.43 | 54.05 | 15.64 | 60.48 | 18.35 | 66.83 | 20.76 | | | | | | |
| | 43 | 35.27 | 10.32 | 41.51 | 11.93 | 47.80 | 14.49 | 50.50 | 16.14 | 54.05 | 16.93 | 60.48 | 19.65 | 66.83 | 22.92 | | | | | | |

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

| | | YCVI080HR | | | | | | Cooling Capacity | | | | | | | |
|---------------------|----------------------|-----------------------|-------|---------|-------|---------|-------|------------------|-------|---------|-------|---------|-------|---------|-------|
| Capacity Factor (%) | Outdoor Temp (°C WB) | Indoor Temp. (°C WB) | | | | | | | | | | | | | |
| | | 14 (°C) | | 16 (°C) | | 18 (°C) | | 19.4 (°C) | | 20 (°C) | | 22 (°C) | | 24 (°C) | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| | | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| 130% | -5 | 96.91 | 15.21 | 114.28 | 18.57 | 131.66 | 21.75 | 140.40 | 24.56 | 145.76 | 23.96 | 149.64 | 21.72 | 152.42 | 19.85 |
| | 0 | 96.91 | 15.31 | 114.28 | 18.67 | 131.66 | 21.88 | 140.40 | 24.69 | 145.76 | 24.12 | 149.64 | 21.88 | 152.42 | 20.05 |
| | 5 | 96.91 | 15.47 | 114.28 | 18.83 | 131.66 | 22.07 | 140.40 | 24.89 | 145.76 | 24.35 | 149.64 | 22.10 | 152.42 | 20.31 |
| | 10 | 96.91 | 16.14 | 114.28 | 19.58 | 131.66 | 23.07 | 140.80 | 24.82 | 142.09 | 24.37 | 145.36 | 23.27 | 148.74 | 22.14 |
| | 15 | 96.91 | 16.94 | 114.28 | 20.48 | 131.66 | 24.14 | 136.52 | 24.79 | 138.21 | 24.51 | 140.80 | 24.53 | 144.47 | 24.63 |
| | 20 | 96.91 | 17.83 | 114.28 | 22.82 | 130.27 | 27.75 | 132.25 | 27.86 | 133.05 | 28.01 | 136.53 | 28.29 | 139.70 | 28.54 |
| | 25 | 96.91 | 21.55 | 114.28 | 27.53 | 125.70 | 31.43 | 127.49 | 31.66 | 128.78 | 31.69 | 132.26 | 31.96 | 135.34 | 32.28 |
| | 30 | 96.91 | 25.56 | 114.28 | 32.30 | 121.24 | 35.27 | 122.53 | 35.34 | 124.41 | 35.37 | 126.50 | 35.69 | 130.97 | 36.87 |
| | 35 | 96.91 | 30.48 | 113.39 | 38.47 | 117.36 | 39.00 | 118.26 | 39.07 | 119.94 | 39.29 | 123.22 | 39.64 | 126.50 | 40.07 |
| | 41 | 96.91 | 34.51 | 110.41 | 41.23 | 112.60 | 41.76 | 114.28 | 41.98 | 115.97 | 42.19 | 118.95 | 42.84 | 122.13 | 43.16 |
| | 43 | 96.91 | 37.60 | 107.92 | 42.41 | 110.02 | 42.84 | 111.90 | 43.58 | 113.49 | 44.01 | 116.57 | 44.52 | 119.25 | 46.11 |
| 120% | -5 | 89.56 | 14.06 | 105.45 | 16.76 | 121.73 | 19.01 | 129.38 | 21.34 | 138.71 | 23.08 | 146.56 | 23.46 | 149.54 | 21.80 |
| | 0 | 89.56 | 14.16 | 105.45 | 16.86 | 121.73 | 19.14 | 129.38 | 21.47 | 138.71 | 23.24 | 146.56 | 23.62 | 149.54 | 22.00 |
| | 5 | 89.56 | 14.32 | 105.45 | 17.02 | 121.73 | 19.33 | 129.38 | 21.66 | 138.71 | 23.47 | 146.56 | 23.85 | 149.54 | 22.25 |
| | 10 | 89.56 | 14.66 | 105.45 | 17.83 | 121.73 | 21.03 | 129.38 | 22.63 | 137.32 | 24.26 | 143.18 | 24.07 | 145.86 | 23.05 |
| | 15 | 89.56 | 15.38 | 105.45 | 18.70 | 121.73 | 22.07 | 129.38 | 23.71 | 135.83 | 24.88 | 138.71 | 24.43 | 141.49 | 24.22 |
| | 20 | 89.56 | 16.14 | 105.45 | 20.22 | 121.73 | 25.05 | 129.38 | 27.63 | 131.16 | 27.84 | 134.04 | 28.06 | 137.02 | 28.32 |
| | 25 | 89.56 | 19.18 | 105.45 | 24.43 | 121.73 | 30.22 | 125.11 | 31.39 | 126.89 | 31.43 | 129.87 | 31.96 | 132.65 | 31.96 |
| | 30 | 89.56 | 22.57 | 105.45 | 29.15 | 118.75 | 34.84 | 120.64 | 35.10 | 122.43 | 35.34 | 124.91 | 35.59 | 127.99 | 35.91 |
| | 35 | 89.56 | 27.10 | 105.45 | 34.52 | 114.98 | 38.68 | 116.37 | 38.75 | 117.96 | 38.97 | 120.74 | 39.32 | 123.62 | 39.85 |
| | 41 | 89.56 | 31.00 | 105.45 | 40.07 | 110.21 | 41.33 | 112.00 | 41.55 | 113.79 | 41.55 | 116.07 | 42.84 | 119.05 | 42.84 |
| | 43 | 89.56 | 33.55 | 105.45 | 42.19 | 108.03 | 42.51 | 109.62 | 42.93 | 110.91 | 43.58 | 113.39 | 44.24 | 116.77 | 44.67 |
| 110% | -5 | 82.11 | 12.43 | 96.81 | 15.12 | 111.41 | 17.83 | 118.45 | 19.38 | 126.00 | 20.70 | 144.37 | 24.64 | 147.45 | 23.26 |
| | 0 | 82.11 | 12.53 | 96.81 | 15.22 | 111.41 | 17.95 | 118.45 | 19.51 | 126.00 | 20.86 | 144.37 | 24.80 | 147.45 | 23.45 |
| | 5 | 82.11 | 12.69 | 96.81 | 15.38 | 111.41 | 18.15 | 118.45 | 19.70 | 126.00 | 21.09 | 144.37 | 25.03 | 147.45 | 23.71 |
| | 10 | 82.11 | 13.23 | 96.81 | 16.10 | 111.41 | 19.01 | 118.45 | 20.48 | 126.00 | 21.98 | 140.70 | 24.89 | 143.38 | 23.98 |
| | 15 | 82.11 | 13.86 | 96.81 | 16.87 | 111.41 | 19.92 | 118.45 | 21.36 | 126.00 | 22.99 | 135.93 | 24.75 | 138.91 | 24.37 |
| | 20 | 82.11 | 14.58 | 96.81 | 17.75 | 111.41 | 21.97 | 118.45 | 24.15 | 126.00 | 26.49 | 131.66 | 27.87 | 134.54 | 28.10 |
| | 25 | 82.11 | 16.95 | 96.81 | 21.48 | 111.41 | 26.49 | 118.45 | 30.85 | 123.02 | 32.46 | 125.90 | 32.73 | 128.78 | 33.04 |
| | 30 | 82.11 | 20.24 | 96.81 | 25.64 | 111.41 | 31.75 | 118.45 | 34.53 | 119.25 | 35.05 | 122.63 | 35.37 | 125.51 | 35.59 |
| | 35 | 82.11 | 23.93 | 96.81 | 30.36 | 111.41 | 37.00 | 114.28 | 38.45 | 115.67 | 38.75 | 118.26 | 39.10 | 121.14 | 39.64 |
| | 41 | 82.11 | 27.81 | 96.81 | 35.48 | 108.33 | 40.74 | 110.11 | 41.79 | 111.41 | 41.58 | 113.49 | 42.31 | 116.77 | 42.96 |
| | 43 | 82.11 | 30.15 | 96.81 | 37.92 | 105.45 | 41.24 | 107.73 | 42.32 | 108.92 | 43.18 | 111.01 | 43.71 | 114.09 | 44.35 |
| 100% | -5 | 74.47 | 11.44 | 87.77 | 13.49 | 100.98 | 16.11 | 108.00 | 17.47 | 114.48 | 18.41 | 127.89 | 21.02 | 145.86 | 24.56 |
| | 0 | 74.47 | 11.54 | 87.77 | 13.58 | 100.98 | 16.24 | 108.00 | 17.60 | 114.48 | 18.57 | 127.89 | 21.18 | 145.86 | 24.76 |
| | 5 | 74.47 | 11.70 | 87.77 | 13.75 | 100.98 | 16.43 | 108.00 | 17.80 | 114.48 | 18.80 | 127.89 | 21.41 | 145.86 | 25.01 |
| | 10 | 74.47 | 11.84 | 87.77 | 14.39 | 100.98 | 16.98 | 108.00 | 18.32 | 114.48 | 19.64 | 127.89 | 22.32 | 141.88 | 24.88 |
| | 15 | 74.47 | 12.38 | 87.77 | 15.06 | 100.98 | 17.80 | 108.00 | 19.19 | 114.48 | 20.57 | 127.89 | 23.38 | 137.61 | 24.74 |
| | 20 | 74.47 | 13.01 | 87.77 | 15.83 | 100.98 | 19.01 | 108.00 | 20.93 | 114.48 | 22.91 | 127.89 | 27.11 | 133.83 | 27.87 |
| | 25 | 74.47 | 14.78 | 87.77 | 18.70 | 100.98 | 22.99 | 108.00 | 25.28 | 114.48 | 27.65 | 124.91 | 31.43 | 129.36 | 31.65 |
| | 30 | 74.47 | 17.65 | 87.77 | 22.27 | 100.98 | 27.42 | 108.00 | 30.06 | 114.48 | 32.86 | 120.34 | 35.06 | 124.20 | 35.37 |
| | 35 | 74.47 | 20.93 | 87.77 | 26.42 | 100.98 | 32.50 | 108.00 | 32.15 | 113.69 | 38.45 | 116.07 | 38.78 | 119.44 | 39.10 |
| | 41 | 74.47 | 24.26 | 87.77 | 30.46 | 100.98 | 37.77 | 107.04 | 39.77 | 109.42 | 41.70 | 111.80 | 42.09 | 114.19 | 42.10 |
| | 43 | 74.47 | 26.71 | 87.77 | 33.02 | 100.98 | 40.27 | 105.89 | 41.37 | 106.54 | 42.41 | 109.52 | 43.06 | 111.70 | 43.60 |

To be continued

Continued

| | | | YCVI080HR | | | | | | | | | | | | Cooling Capacity | | | | | | | | |
|---------------------|----------------------|-------|----------------------|-------|---------|-------|---------|-------|-----------|--------|---------|--------|---------|--------|------------------|----|----|----|----|----|----|----|--|
| Capacity Factor (%) | Outdoor Temp (°C WB) | | Indoor Temp. (°C WB) | | | | | | | | | | | | | | | | | | | | |
| | | | 14 (°C) | | 16 (°C) | | 18 (°C) | | 19.4 (°C) | | 20 (°C) | | 22 (°C) | | 24 (°C) | | | | | | | | |
| | | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | |
| 90% | -5 | 67.02 | 9.72 | 79.00 | 11.93 | 90.88 | 14.11 | 97.20 | 15.17 | 103.36 | 16.28 | 115.08 | 18.55 | 126.89 | 20.80 | | | | | | | | |
| | 0 | 67.02 | 9.82 | 79.00 | 12.03 | 90.88 | 14.24 | 97.20 | 15.30 | 103.36 | 16.45 | 115.08 | 18.71 | 126.89 | 20.99 | | | | | | | | |
| | 5 | 67.02 | 9.98 | 79.00 | 12.19 | 90.88 | 14.44 | 97.20 | 15.49 | 103.36 | 16.67 | 115.08 | 18.94 | 126.89 | 21.25 | | | | | | | | |
| | 10 | 67.02 | 10.44 | 79.00 | 12.69 | 90.88 | 14.99 | 97.20 | 16.19 | 103.36 | 17.35 | 115.08 | 19.77 | 126.89 | 22.19 | | | | | | | | |
| | 15 | 67.02 | 10.97 | 79.00 | 13.27 | 90.88 | 15.69 | 97.20 | 16.94 | 103.36 | 18.20 | 115.08 | 20.68 | 126.89 | 23.21 | | | | | | | | |
| | 20 | 67.02 | 11.53 | 79.00 | 13.95 | 90.88 | 16.50 | 97.20 | 17.88 | 103.36 | 19.56 | 115.08 | 23.07 | 126.89 | 26.86 | | | | | | | | |
| | 25 | 67.02 | 12.78 | 79.00 | 16.10 | 90.88 | 19.70 | 97.20 | 21.61 | 103.36 | 23.61 | 115.08 | 27.86 | 124.51 | 31.43 | | | | | | | | |
| | 30 | 67.02 | 15.29 | 79.00 | 19.24 | 90.88 | 23.53 | 97.20 | 25.81 | 103.36 | 28.19 | 115.08 | 33.35 | 120.44 | 35.06 | | | | | | | | |
| | 35 | 67.02 | 18.11 | 79.00 | 22.73 | 90.88 | 27.84 | 97.20 | 30.56 | 103.36 | 33.38 | 113.69 | 38.47 | 116.07 | 38.78 | | | | | | | | |
| | 41 | 67.02 | 20.84 | 79.00 | 26.36 | 90.88 | 32.28 | 97.20 | 33.97 | 103.36 | 38.66 | 109.22 | 41.88 | 111.01 | 42.09 | | | | | | | | |
| 80% | 43 | 67.02 | 22.82 | 79.00 | 28.16 | 90.88 | 34.62 | 97.20 | 37.18 | 103.36 | 39.60 | 105.85 | 40.90 | 108.62 | 43.06 | | | | | | | | |
| | -5 | 59.57 | 8.54 | 70.22 | 10.38 | 80.78 | 12.18 | 86.40 | 13.22 | 91.55 | 14.06 | 102.27 | 16.11 | 113.09 | 17.90 | | | | | | | | |
| | 0 | 59.57 | 8.64 | 70.22 | 10.48 | 80.78 | 12.31 | 86.40 | 13.35 | 91.55 | 14.22 | 102.27 | 16.27 | 113.09 | 18.10 | | | | | | | | |
| | 5 | 59.57 | 8.80 | 70.22 | 10.64 | 80.78 | 12.51 | 86.40 | 13.54 | 91.55 | 14.45 | 102.27 | 16.49 | 113.09 | 18.35 | | | | | | | | |
| | 10 | 59.57 | 9.14 | 70.22 | 11.08 | 80.78 | 13.05 | 86.40 | 14.14 | 91.55 | 15.11 | 102.27 | 17.21 | 113.09 | 19.32 | | | | | | | | |
| | 15 | 59.57 | 9.56 | 70.22 | 11.57 | 80.78 | 13.68 | 86.40 | 14.75 | 91.55 | 15.83 | 102.27 | 18.03 | 113.09 | 20.25 | | | | | | | | |
| | 20 | 59.57 | 10.04 | 70.22 | 12.15 | 80.78 | 14.36 | 86.40 | 15.46 | 91.55 | 16.64 | 102.27 | 19.32 | 113.09 | 23.15 | | | | | | | | |
| | 25 | 59.57 | 10.88 | 70.22 | 13.62 | 80.78 | 16.64 | 86.40 | 18.20 | 91.55 | 19.86 | 102.27 | 23.36 | 113.09 | 28.66 | | | | | | | | |
| | 30 | 59.57 | 13.05 | 70.22 | 16.31 | 80.78 | 19.86 | 86.40 | 21.77 | 91.55 | 23.72 | 102.27 | 27.87 | 113.09 | 32.28 | | | | | | | | |
| | 35 | 59.57 | 15.45 | 70.22 | 19.31 | 80.78 | 23.53 | 86.40 | 25.78 | 91.55 | 28.10 | 102.27 | 33.03 | 113.09 | 38.25 | | | | | | | | |
| 70% | 41 | 59.57 | 18.05 | 70.22 | 22.43 | 80.78 | 27.22 | 86.40 | 29.89 | 91.55 | 32.81 | 101.78 | 38.36 | 108.13 | 41.46 | | | | | | | | |
| | 43 | 59.57 | 20.58 | 70.22 | 23.96 | 80.78 | 29.08 | 86.40 | 32.43 | 91.55 | 35.56 | 100.59 | 39.64 | 103.56 | 42.52 | | | | | | | | |
| | -5 | 52.13 | 7.28 | 61.44 | 8.83 | 70.69 | 10.30 | 75.60 | 11.22 | 80.03 | 11.98 | 89.56 | 13.70 | 98.99 | 11.86 | | | | | | | | |
| | 0 | 52.13 | 7.38 | 61.44 | 8.93 | 70.69 | 10.43 | 75.60 | 11.35 | 80.03 | 12.14 | 89.56 | 13.86 | 98.99 | 12.05 | | | | | | | | |
| | 5 | 52.13 | 7.54 | 61.44 | 9.09 | 70.69 | 10.62 | 75.60 | 11.55 | 80.03 | 12.37 | 89.56 | 14.09 | 98.99 | 12.31 | | | | | | | | |
| | 10 | 52.13 | 7.83 | 61.44 | 9.45 | 70.69 | 11.16 | 75.60 | 12.02 | 80.03 | 12.92 | 89.56 | 14.70 | 98.99 | 16.53 | | | | | | | | |
| | 15 | 52.13 | 8.20 | 61.44 | 9.90 | 70.69 | 11.70 | 75.60 | 12.60 | 80.03 | 13.49 | 89.56 | 15.38 | 98.99 | 17.31 | | | | | | | | |
| | 20 | 52.13 | 8.60 | 61.44 | 10.40 | 70.69 | 12.29 | 75.60 | 13.23 | 80.03 | 14.21 | 89.56 | 16.19 | 98.99 | 18.38 | | | | | | | | |
| | 25 | 52.13 | 9.11 | 61.44 | 11.34 | 70.69 | 13.77 | 75.60 | 15.06 | 80.03 | 16.41 | 89.56 | 19.24 | 98.99 | 22.20 | | | | | | | | |
| | 30 | 52.13 | 10.94 | 61.44 | 13.58 | 70.69 | 16.50 | 75.60 | 18.02 | 80.03 | 19.59 | 89.56 | 22.97 | 98.99 | 26.50 | | | | | | | | |
| | 35 | 52.13 | 13.00 | 61.44 | 16.10 | 70.69 | 19.50 | 75.60 | 21.33 | 80.03 | 23.17 | 89.56 | 27.17 | 98.99 | 31.43 | | | | | | | | |
| 60% | 41 | 52.13 | 14.82 | 61.44 | 18.36 | 70.69 | 22.59 | 75.60 | 24.37 | 80.03 | 26.88 | 89.56 | 31.43 | 98.99 | 36.55 | | | | | | | | |
| | 43 | 52.13 | 15.79 | 61.44 | 19.49 | 70.69 | 24.93 | 75.60 | 27.05 | 80.03 | 29.08 | 88.38 | 34.00 | 98.40 | 39.55 | | | | | | | | |
| | -5 | 44.68 | 6.07 | 52.66 | 7.38 | 60.59 | 8.61 | 64.80 | 9.39 | 68.91 | 9.94 | 76.75 | 11.23 | 84.80 | 12.58 | | | | | | | | |
| | 0 | 44.68 | 6.17 | 52.66 | 7.48 | 60.59 | 8.74 | 64.80 | 9.52 | 68.91 | 10.10 | 76.75 | 11.39 | 84.80 | 12.78 | | | | | | | | |
| | 5 | 44.68 | 6.33 | 52.66 | 7.64 | 60.59 | 8.94 | 64.80 | 9.72 | 68.91 | 10.32 | 76.75 | 11.62 | 84.80 | 13.04 | | | | | | | | |
| | 10 | 44.68 | 6.59 | 52.66 | 7.93 | 60.59 | 9.32 | 64.80 | 10.13 | 68.91 | 10.77 | 76.75 | 12.24 | 84.80 | 13.77 | | | | | | | | |
| | 15 | 44.68 | 6.90 | 52.66 | 8.29 | 60.59 | 9.77 | 64.80 | 10.54 | 68.91 | 11.26 | 76.75 | 12.83 | 84.80 | 14.44 | | | | | | | | |
| | 20 | 44.68 | 7.22 | 52.66 | 8.69 | 60.59 | 10.21 | 64.80 | 11.03 | 68.91 | 11.84 | 76.75 | 13.48 | 84.80 | 15.14 | | | | | | | | |
| | 25 | 44.68 | 7.59 | 52.66 | 9.25 | 60.59 | 11.16 | 64.80 | 12.16 | 68.91 | 13.23 | 76.75 | 15.43 | 84.80 | 17.74 | | | | | | | | |
| | 30 | 44.68 | 8.97 | 52.66 | 11.11 | 60.59 | 14.33 | 64.80 | 14.58 | 68.91 | 15.81 | 76.75 | 18.42 | 84.80 | 21.21 | | | | | | | | |
| | 35 | 44.68 | 10.66 | 52.66 | 13.16 | 60.59 | 15.84 | 64.80 | 17.26 | 68.91 | 18.74 | 76.75 | 21.78 | 84.80 | 25.10 | | | | | | | | |
| 50% | 41 | 44.68 | 12.21 | 52.66 | 14.09 | 60.59 | 18.18 | 64.80 | 19.60 | 68.91 | 21.62 | 76.75 | 25.24 | 84.80 | 29.16 | | | | | | | | |
| | 43 | 44.68 | 13.32 | 52.66 | 14.60 | 60.59 | 19.60 | 64.80 | 21.81 | 68.91 | 23.63 | 76.75 | 27.23 | 84.80 | 31.36 | | | | | | | | |
| | -5 | 37.23 | 4.94 | 43.89 | 6.05 | 50.49 | 6.95 | 54.00 | 7.40 | 57.19 | 7.93 | 63.94 | 9.07 | 70.60 | 10.17 | | | | | | | | |
| | 0 | 37.23 | 5.04 | 43.89 | 6.14 | 50.49 | 7.08 | 54.00 | 7.53 | 57.19 | 8.09 | 63.94 | 9.24 | 70.60 | 10.36 | | | | | | | | |
| | 5 | 37.23 | 5.20 | 43.89 | 6.31 | 50.49 | 7.27 | 54.00 | 7.72 | 57.19 | 8.32 | 63.94 | 9.46 | 70.60 | 10.62 | | | | | | | | |
| | 10 | 37.23 | 5.39 | 43.89 | 6.46 | 50.49 | 7.59 | 54.00 | 8.13 | 57.19 | 8.69 | 63.94 | 9.90 | 70.60 | 11.11 | | | | | | | | |
| | 15 | 37.23 | 5.61 | 43.89 | 6.66 | 50.49 | 7.92 | 54.00 | 8.51 | 57.19 | 9.13 | 63.94 | 10.35 | 70.60 | 11.64 | | | | | | | | |
| | 20 | 37.23 | 5.87 | 43.89 | 7.07 | 50.49 | 8.29 | 54.00 | 8.92 | 57.19 | 9.57 | 63.94 | 10.88 | 70.60 | 12.23 | | | | | | | | |
| | 25 | 37.23 | 6.18 | 43.89 | 7.39 | 50.49 | 8.75 | 54.00 | 9.50 | 57.19 | 10.32 | 63.94 | 11.97 | 70.60 | 13.70 | | | | | | | | |
| | 30 | 37.23 | 7.17 | 43.89 | 8.79 | | | | | | | | | | | | | | | | | | |

| Capacity Factor (%) | YCVII30HR | | | | | | | | | | Cooling Capacity | | | | | | | | | | | | | | | | | |
|---------------------|----------------------|--------|-----------------------|--------|-------|--------|---------|--------|-------|--------|------------------|--------|-------|--------|-----------|----|----|----|---------|----|----|----|---------|----|----|----|---------|--|
| | Outdoor Temp (°C WB) | | Indoor Temp. (°C WB) | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 14 (°C) | | | | 16 (°C) | | | | 18 (°C) | | | | 19.4 (°C) | | | | 20 (°C) | | | | 22 (°C) | | | | 24 (°C) | |
| | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | | |
| 130% | -5 | 102.85 | 15.86 | 121.39 | 19.37 | 139.82 | 22.69 | 148.99 | 25.63 | 154.74 | 25.00 | 158.88 | 22.66 | 162.10 | 20.71 | | | | | | | | | | | | | |
| | 0 | 102.85 | 15.96 | 121.39 | 19.46 | 139.82 | 22.82 | 148.99 | 25.76 | 154.74 | 25.16 | 158.88 | 22.82 | 162.10 | 20.90 | | | | | | | | | | | | | |
| | 5 | 102.85 | 16.12 | 121.39 | 19.62 | 139.82 | 23.01 | 148.99 | 25.95 | 154.74 | 25.39 | 158.88 | 23.04 | 162.10 | 21.15 | | | | | | | | | | | | | |
| | 10 | 102.85 | 16.83 | 121.39 | 20.42 | 139.82 | 24.07 | 149.39 | 25.90 | 150.80 | 25.42 | 154.32 | 24.26 | 158.16 | 23.09 | | | | | | | | | | | | | |
| | 15 | 102.85 | 17.65 | 121.39 | 21.37 | 139.82 | 25.18 | 144.84 | 25.85 | 146.66 | 25.57 | 149.39 | 25.58 | 153.63 | 25.68 | | | | | | | | | | | | | |
| | 20 | 102.85 | 18.60 | 121.39 | 23.80 | 138.31 | 28.94 | 140.41 | 29.06 | 141.33 | 29.21 | 144.85 | 29.50 | 148.59 | 29.77 | | | | | | | | | | | | | |
| | 25 | 102.85 | 22.48 | 121.39 | 28.70 | 133.47 | 32.82 | 135.38 | 32.94 | 136.80 | 33.07 | 140.42 | 33.35 | 143.96 | 33.77 | | | | | | | | | | | | | |
| | 30 | 102.85 | 26.65 | 121.39 | 33.75 | 128.74 | 36.84 | 130.15 | 36.91 | 132.17 | 36.94 | 134.40 | 37.25 | 139.33 | 38.42 | | | | | | | | | | | | | |
| | 35 | 102.85 | 31.77 | 120.38 | 40.11 | 124.60 | 40.63 | 125.62 | 40.81 | 127.33 | 41.02 | 130.85 | 41.37 | 134.49 | 41.80 | | | | | | | | | | | | | |
| | 41 | 102.85 | 36.09 | 117.14 | 43.05 | 119.57 | 43.58 | 121.28 | 43.80 | 123.10 | 44.01 | 126.32 | 44.65 | 129.96 | 45.07 | | | | | | | | | | | | | |
| 120% | 43 | 102.85 | 39.15 | 114.52 | 44.22 | 116.75 | 44.75 | 118.76 | 45.49 | 120.48 | 45.91 | 123.80 | 46.45 | 126.84 | 47.54 | | | | | | | | | | | | | |
| | -5 | 95.09 | 14.67 | 111.92 | 17.49 | 129.24 | 19.84 | 137.40 | 22.27 | 147.28 | 24.09 | 155.65 | 24.47 | 159.08 | 22.74 | | | | | | | | | | | | | |
| | 0 | 95.09 | 14.77 | 111.92 | 17.59 | 129.24 | 19.96 | 137.40 | 22.40 | 147.28 | 24.24 | 155.65 | 24.63 | 159.08 | 22.93 | | | | | | | | | | | | | |
| | 5 | 95.09 | 14.93 | 111.92 | 17.74 | 129.24 | 20.16 | 137.40 | 22.59 | 147.28 | 24.47 | 155.65 | 24.86 | 159.08 | 23.19 | | | | | | | | | | | | | |
| | 10 | 95.09 | 15.29 | 111.92 | 18.60 | 129.24 | 21.93 | 137.40 | 23.61 | 145.76 | 25.29 | 151.91 | 25.10 | 155.14 | 24.04 | | | | | | | | | | | | | |
| | 15 | 95.09 | 16.04 | 111.92 | 19.50 | 129.24 | 23.02 | 137.40 | 24.72 | 144.15 | 25.94 | 147.17 | 25.47 | 150.51 | 25.26 | | | | | | | | | | | | | |
| | 20 | 95.09 | 16.83 | 111.92 | 21.08 | 129.24 | 26.13 | 137.40 | 28.81 | 139.32 | 29.03 | 142.24 | 29.26 | 145.67 | 29.54 | | | | | | | | | | | | | |
| | 25 | 95.09 | 20.01 | 111.92 | 25.47 | 129.24 | 31.51 | 132.87 | 32.78 | 134.78 | 32.82 | 137.90 | 33.24 | 141.03 | 33.35 | | | | | | | | | | | | | |
| | 30 | 95.09 | 23.53 | 111.92 | 30.40 | 126.12 | 36.41 | 128.14 | 36.66 | 130.05 | 36.80 | 132.67 | 37.15 | 136.10 | 37.47 | | | | | | | | | | | | | |
| | 35 | 95.09 | 28.27 | 111.92 | 36.01 | 122.08 | 40.32 | 123.60 | 40.50 | 125.21 | 40.71 | 128.24 | 41.05 | 131.46 | 41.58 | | | | | | | | | | | | | |
| 110% | 41 | 95.09 | 32.39 | 111.92 | 41.80 | 117.06 | 43.16 | 118.86 | 43.26 | 120.78 | 43.26 | 123.31 | 44.65 | 126.63 | 44.65 | | | | | | | | | | | | | |
| | 43 | 95.09 | 35.02 | 111.92 | 44.01 | 114.64 | 44.33 | 116.34 | 44.85 | 117.76 | 45.49 | 120.38 | 46.14 | 124.22 | 46.62 | | | | | | | | | | | | | |
| | -5 | 87.13 | 12.96 | 102.75 | 15.77 | 118.26 | 18.60 | 125.82 | 20.22 | 133.78 | 21.60 | 153.23 | 25.71 | 156.87 | 24.27 | | | | | | | | | | | | | |
| | 0 | 87.13 | 13.06 | 102.75 | 15.86 | 118.26 | 18.73 | 125.82 | 20.35 | 133.78 | 21.76 | 153.23 | 25.87 | 156.87 | 24.47 | | | | | | | | | | | | | |
| | 5 | 87.13 | 13.21 | 102.75 | 16.02 | 118.26 | 18.92 | 125.82 | 20.54 | 133.78 | 21.99 | 153.23 | 26.10 | 156.87 | 24.72 | | | | | | | | | | | | | |
| | 10 | 87.13 | 13.79 | 102.75 | 16.79 | 118.26 | 19.83 | 125.82 | 21.37 | 133.78 | 22.91 | 149.29 | 25.95 | 152.52 | 25.01 | | | | | | | | | | | | | |
| | 15 | 87.13 | 14.45 | 102.75 | 17.59 | 118.26 | 20.77 | 125.82 | 22.27 | 133.78 | 23.97 | 144.25 | 25.81 | 147.68 | 25.42 | | | | | | | | | | | | | |
| | 20 | 87.13 | 15.19 | 102.75 | 18.52 | 118.26 | 22.90 | 125.82 | 25.19 | 133.78 | 27.63 | 139.82 | 29.07 | 143.05 | 29.31 | | | | | | | | | | | | | |
| | 25 | 87.13 | 17.66 | 102.75 | 22.39 | 118.26 | 27.63 | 125.82 | 32.20 | 130.64 | 33.83 | 133.67 | 34.10 | 136.90 | 34.52 | | | | | | | | | | | | | |
| | 30 | 87.13 | 21.11 | 102.75 | 26.74 | 118.26 | 33.14 | 125.82 | 36.10 | 126.63 | 36.51 | 130.25 | 36.94 | 133.48 | 37.15 | | | | | | | | | | | | | |
| 100% | 35 | 87.13 | 24.96 | 102.75 | 31.66 | 118.26 | 38.54 | 121.28 | 40.19 | 122.79 | 40.39 | 125.62 | 40.84 | 128.85 | 41.27 | | | | | | | | | | | | | |
| | 41 | 87.13 | 29.01 | 102.75 | 36.97 | 114.93 | 42.56 | 116.85 | 43.61 | 118.26 | 43.40 | 120.48 | 44.23 | 124.22 | 44.86 | | | | | | | | | | | | | |
| | 43 | 87.13 | 31.44 | 102.75 | 39.57 | 111.91 | 43.06 | 114.33 | 44.13 | 115.64 | 45.09 | 117.87 | 45.61 | 121.29 | 46.35 | | | | | | | | | | | | | |
| | -5 | 79.08 | 11.95 | 93.18 | 14.08 | 107.18 | 16.80 | 113.00 | 18.22 | 121.59 | 19.21 | 135.79 | 21.93 | 155.13 | 25.64 | | | | | | | | | | | | | |
| | 0 | 79.08 | 12.04 | 93.18 | 14.18 | 107.18 | 16.93 | 113.00 | 18.35 | 121.59 | 19.37 | 135.79 | 22.09 | 155.13 | 25.83 | | | | | | | | | | | | | |
| | 5 | 79.08 | 12.20 | 93.18 | 14.34 | 107.18 | 17.12 | 113.00 | 18.54 | 121.59 | 19.59 | 135.79 | 22.31 | 155.13 | 26.09 | | | | | | | | | | | | | |
| | 10 | 79.08 | 12.33 | 93.18 | 15.00 | 107.18 | 17.70 | 113.00 | 19.10 | 121.59 | 20.48 | 135.79 | 23.28 | 150.78 | 25.94 | | | | | | | | | | | | | |
| | 15 | 79.08 | 12.90 | 93.18 | 15.70 | 107.18 | 18.56 | 113.00 | 20.02 | 121.59 | 21.45 | 135.79 | 24.39 | 146.24 | 25.80 | | | | | | | | | | | | | |
| | 20 | 79.08 | 13.57 | 93.18 | 16.50 | 107.18 | 19.83 | 113.00 | 21.83 | 121.59 | 23.90 | 135.79 | 28.28 | 142.20 | 29.07 | | | | | | | | | | | | | |
| | 25 | 79.08 | 15.41 | 93.18 | 19.50 | 107.18 | 23.97 | 113.00 | 26.37 | 121.59 | 28.84 | 132.67 | 32.72 | 137.47 | 32.93 | | | | | | | | | | | | | |
| | 30 | 79.08 | 18.39 | 93.18 | 23.23 | 107.18 | 28.61 | 113.00 | 31.36 | 121.59 | 34.23 | 127.73 | 36.52 | 132.03 | 36.94 | | | | | | | | | | | | | |
| | 35 | 79.08 | 21.83 | 93.18 | 27.56 | 107.18 | 33.90 | 113.00 | 33.95 | 120.68 | 40.08 | 123.20 | 40.53 | 127.01 | 40.84 | | | | | | | | | | | | | |
| | 41 | 79.08 | 25.30 | 93.18 | 31.82 | 107.18 | 39.40 | 112.23 | 41.52 | 116.15 | 43.52 | 118.67 | 43.91 | 121.39 | 44.02 | | | | | | | | | | | | | |
| | 43 | 79.08 | 27.85 | 93.18 | 34.38 | 107.18 | 42.00 | 111.06 | 43.14 | 113.12 | 44.22 | 116.25 | 44.97 | 118.77 | 45.50 | | | | | | | | | | | | | |

To be continued

Continued

| YCVII30HR | | | | | | | | | | | | Cooling Capacity | | | | | | | | | |
|---------------------|----------------------|----------------------|-------|---------|-------|---------|-------|-----------|-------|---------|-------|------------------|-------|---------|-------|----|----|----|----|--|--|
| Capacity Factor (%) | Outdoor Temp (°C WB) | Indoor Temp. (°C WB) | | | | | | | | | | | | | | | | | | | |
| | | 14 (°C) | | 16 (°C) | | 18 (°C) | | 19.4 (°C) | | 20 (°C) | | 22 (°C) | | 24 (°C) | | | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | kW | kW | kW | kW | | |
| 90% | -5 | 71.17 | 10.14 | 83.86 | 12.44 | 96.46 | 14.72 | 101.70 | 15.83 | 109.70 | 16.99 | 122.19 | 19.36 | 134.99 | 21.71 | | | | | | |
| | 0 | 71.17 | 10.24 | 83.86 | 12.54 | 96.46 | 14.85 | 101.70 | 15.96 | 109.70 | 17.15 | 122.19 | 19.52 | 134.99 | 21.90 | | | | | | |
| | 5 | 71.17 | 10.40 | 83.86 | 12.70 | 96.46 | 15.04 | 101.70 | 16.15 | 109.70 | 17.37 | 122.19 | 19.74 | 134.99 | 22.16 | | | | | | |
| | 10 | 71.17 | 10.88 | 83.86 | 13.23 | 96.46 | 15.64 | 101.70 | 16.87 | 109.70 | 18.09 | 122.19 | 20.62 | 134.99 | 23.14 | | | | | | |
| | 15 | 71.17 | 11.43 | 83.86 | 13.83 | 96.46 | 16.35 | 101.70 | 17.65 | 109.70 | 18.98 | 122.19 | 21.56 | 134.99 | 24.21 | | | | | | |
| | 20 | 71.17 | 12.01 | 83.86 | 14.55 | 96.46 | 17.20 | 101.70 | 18.64 | 109.70 | 20.39 | 122.19 | 24.07 | 134.99 | 28.01 | | | | | | |
| | 25 | 71.17 | 13.32 | 83.86 | 16.79 | 96.46 | 20.53 | 101.70 | 22.54 | 109.70 | 24.63 | 122.19 | 29.06 | 132.47 | 32.72 | | | | | | |
| | 30 | 71.17 | 15.94 | 83.86 | 20.06 | 96.46 | 24.54 | 101.70 | 26.92 | 109.70 | 29.41 | 122.19 | 34.83 | 128.04 | 36.52 | | | | | | |
| | 35 | 71.17 | 18.88 | 83.86 | 23.70 | 96.46 | 29.03 | 101.70 | 31.85 | 109.70 | 34.86 | 120.68 | 40.11 | 123.41 | 40.42 | | | | | | |
| | 41 | 71.17 | 21.73 | 83.86 | 27.50 | 96.46 | 33.66 | 101.70 | 35.34 | 109.70 | 40.30 | 115.95 | 43.59 | 118.06 | 43.91 | | | | | | |
| | 43 | 71.17 | 23.81 | 83.86 | 29.36 | 96.46 | 36.09 | 101.70 | 38.83 | 109.70 | 41.22 | 112.43 | 42.73 | 115.54 | 44.97 | | | | | | |
| 80% | -5 | 63.26 | 8.91 | 74.54 | 10.84 | 85.74 | 12.72 | 90.40 | 13.79 | 97.11 | 14.68 | 108.59 | 16.80 | 120.28 | 18.68 | | | | | | |
| | 0 | 63.26 | 9.00 | 74.54 | 10.93 | 85.74 | 12.84 | 90.40 | 13.92 | 97.11 | 14.84 | 108.59 | 16.96 | 120.28 | 18.87 | | | | | | |
| | 5 | 63.26 | 9.16 | 74.54 | 11.09 | 85.74 | 13.03 | 90.40 | 14.11 | 97.11 | 15.06 | 108.59 | 17.18 | 120.28 | 19.13 | | | | | | |
| | 10 | 63.26 | 9.53 | 74.54 | 11.55 | 85.74 | 13.60 | 90.40 | 14.74 | 97.11 | 15.75 | 108.59 | 17.95 | 120.28 | 20.14 | | | | | | |
| | 15 | 63.26 | 9.96 | 74.54 | 12.07 | 85.74 | 14.26 | 90.40 | 15.37 | 97.11 | 16.50 | 108.59 | 18.80 | 120.28 | 21.12 | | | | | | |
| | 20 | 63.26 | 10.46 | 74.54 | 12.66 | 85.74 | 14.96 | 90.40 | 16.12 | 97.11 | 17.35 | 108.59 | 20.14 | 120.28 | 24.15 | | | | | | |
| | 25 | 63.26 | 11.34 | 74.54 | 14.20 | 85.74 | 17.35 | 90.40 | 18.98 | 97.11 | 20.70 | 108.59 | 24.37 | 120.28 | 29.91 | | | | | | |
| | 30 | 63.26 | 13.60 | 74.54 | 17.01 | 85.74 | 20.70 | 90.40 | 22.71 | 97.11 | 24.73 | 108.59 | 29.07 | 120.28 | 33.77 | | | | | | |
| | 35 | 63.26 | 16.11 | 74.54 | 20.13 | 85.74 | 24.54 | 90.40 | 26.89 | 97.11 | 29.31 | 108.59 | 34.41 | 120.28 | 39.89 | | | | | | |
| | 41 | 63.26 | 18.82 | 74.54 | 23.38 | 85.74 | 28.38 | 90.40 | 31.17 | 97.11 | 34.18 | 108.10 | 40.00 | 114.94 | 43.28 | | | | | | |
| | 43 | 63.26 | 21.49 | 74.54 | 25.00 | 85.74 | 30.31 | 90.40 | 33.81 | 97.11 | 37.12 | 106.91 | 41.37 | 110.09 | 44.33 | | | | | | |
| 70% | -5 | 55.35 | 7.59 | 65.23 | 9.20 | 75.03 | 10.74 | 79.10 | 11.71 | 85.02 | 12.51 | 94.99 | 14.30 | 105.27 | 12.34 | | | | | | |
| | 0 | 55.35 | 7.68 | 65.23 | 9.30 | 75.03 | 10.87 | 79.10 | 11.84 | 85.02 | 12.67 | 94.99 | 14.46 | 105.27 | 12.53 | | | | | | |
| | 5 | 55.35 | 7.84 | 65.23 | 9.46 | 75.03 | 11.06 | 79.10 | 12.03 | 85.02 | 12.89 | 94.99 | 14.68 | 105.27 | 12.79 | | | | | | |
| | 10 | 55.35 | 8.16 | 65.23 | 9.85 | 75.03 | 11.62 | 79.10 | 12.53 | 85.02 | 13.46 | 94.99 | 15.33 | 105.27 | 17.24 | | | | | | |
| | 15 | 55.35 | 8.54 | 65.23 | 10.31 | 75.03 | 12.19 | 79.10 | 13.12 | 85.02 | 14.07 | 94.99 | 16.04 | 105.27 | 18.05 | | | | | | |
| | 20 | 55.35 | 8.96 | 65.23 | 10.83 | 75.03 | 12.81 | 79.10 | 13.79 | 85.02 | 14.81 | 94.99 | 16.87 | 105.27 | 19.16 | | | | | | |
| | 25 | 55.35 | 9.49 | 65.23 | 11.81 | 75.03 | 14.35 | 79.10 | 15.70 | 85.02 | 17.10 | 94.99 | 20.06 | 105.27 | 23.15 | | | | | | |
| | 30 | 55.35 | 11.40 | 65.23 | 14.15 | 75.03 | 17.20 | 79.10 | 18.79 | 85.02 | 20.43 | 94.99 | 23.94 | 105.27 | 27.64 | | | | | | |
| | 35 | 55.35 | 13.56 | 65.23 | 16.79 | 75.03 | 20.34 | 79.10 | 22.24 | 85.02 | 24.16 | 94.99 | 28.33 | 105.27 | 32.82 | | | | | | |
| | 41 | 55.35 | 15.45 | 65.23 | 19.13 | 75.03 | 23.55 | 79.10 | 25.40 | 85.02 | 28.03 | 94.99 | 32.82 | 105.27 | 38.10 | | | | | | |
| | 43 | 55.35 | 16.46 | 65.23 | 20.30 | 75.03 | 26.00 | 79.10 | 28.20 | 85.02 | 30.33 | 93.81 | 35.47 | 104.68 | 41.28 | | | | | | |
| 60% | -5 | 47.45 | 6.32 | 55.91 | 7.69 | 64.31 | 8.99 | 67.80 | 9.80 | 73.24 | 10.37 | 81.50 | 11.73 | 90.16 | 13.14 | | | | | | |
| | 0 | 47.45 | 6.42 | 55.91 | 7.79 | 64.31 | 9.12 | 67.80 | 9.93 | 73.24 | 10.53 | 81.50 | 11.89 | 90.16 | 13.33 | | | | | | |
| | 5 | 47.45 | 6.58 | 55.91 | 7.95 | 64.31 | 9.31 | 67.80 | 10.12 | 73.24 | 10.76 | 81.50 | 12.11 | 90.16 | 13.59 | | | | | | |
| | 10 | 47.45 | 6.86 | 55.91 | 8.27 | 64.31 | 9.71 | 67.80 | 10.55 | 73.24 | 11.22 | 81.50 | 12.76 | 90.16 | 14.35 | | | | | | |
| | 15 | 47.45 | 7.19 | 55.91 | 8.64 | 64.31 | 10.18 | 67.80 | 10.98 | 73.24 | 11.74 | 81.50 | 13.37 | 90.16 | 15.05 | | | | | | |
| | 20 | 47.45 | 7.53 | 55.91 | 9.06 | 64.31 | 10.64 | 67.80 | 11.50 | 73.24 | 12.33 | 81.50 | 14.06 | 90.16 | 15.79 | | | | | | |
| | 25 | 47.45 | 7.90 | 55.91 | 9.63 | 64.31 | 11.62 | 67.80 | 12.67 | 73.24 | 13.79 | 81.50 | 16.09 | 90.16 | 18.51 | | | | | | |
| | 30 | 47.45 | 9.34 | 55.91 | 11.58 | 64.31 | 14.90 | 67.80 | 15.19 | 73.24 | 16.48 | 81.50 | 19.20 | 90.16 | 22.12 | | | | | | |
| | 35 | 47.45 | 11.11 | 55.91 | 13.72 | 64.31 | 16.51 | 67.80 | 18.00 | 73.24 | 19.54 | 81.50 | 22.72 | 90.16 | 26.17 | | | | | | |
| | 41 | 47.45 | 12.72 | 55.91 | 14.73 | 64.31 | 18.95 | 67.80 | 20.44 | 73.24 | 22.54 | 81.50 | 26.33 | 90.16 | 30.40 | | | | | | |
| | 43 | 47.45 | 13.88 | 55.91 | 15.25 | 64.31 | 20.45 | 67.80 | 22.75 | 73.24 | 24.64 | 81.50 | 28.39 | 90.16 | 32.73 | | | | | | |
| 50% | -5 | 39.54 | 5.15 | 46.59 | 6.30 | 53.59 | 7.26 | 56.50 | 7.72 | 60.75 | 8.27 | 67.90 | 9.48 | 75.05 | 10.63 | | | | | | |
| | 0 | 39.54 | 5.24 | 46.59 | 6.40 | 53.59 | 7.39 | 56.50 | 7.85 | 60.75 | 8.43 | 67.90 | 9.64 | 75.05 | 10.82 | | | | | | |
| | 5 | 39.54 | 5.40 | 46.59 | 6.56 | 53.59 | 7.58 | 56.50 | 8.04 | 60.75 | 8.66 | 67.90 | 9.86 | 75.05 | 11.07 | | | | | | |
| | 10 | 39.54 | 5.61 | 46.59 | 6.72 | 53.59 | 7.90 | 56.50 | 8.47 | 60.75 | 9.06 | 67.90 | 10.31 | 75.05 | 11.58 | | | | | | |
| | 15 | 39.54 | 5.84 | 46.59 | 6.93 | 53.59 | 8.26 | 56.50 | 8.87 | 60.75 | 9.52 | 67.90 | 10.79 | 75.05 | 12.13 | | | | | | |
| | 20 | 39.54 | 6.11 | 46.59 | 7.37 | 53.59 | 8.64 | 56.50 | 9.30 | 60.75 | 9.97 | 67.90 | 11.34 | 75.05 | 12.75 | | | | | | |
| | 25 | 39.54 | 6.44 | 46.59 | 7.71 | 53.59 | 9.11 | 56.50 | 9.90 | 60.75 | 10.75 | 67.90 | 12.48 | 75.05 | 14.29 | | | | | | |
| | 30 | 39.54 | 7.47 | 46.59 | 9.15 | 53.59 | 10.94 | 56.50 | 11.91 | 60.75 | 12.90 | 67.90 | 14.98 | 75.05 | 17.10 | | | | | | |
| | 35 | 39.54 | 8.92 | 46.59 | 10.88 | 53.59 | 13.04 | 56.50 | 14.10 | 60.75 | 15.29 | 67.90 | 17.70 | 75.05 | 20.24 | | | | | | |
| | 41 | 39.54 | 10.19 | 46.59 | 11.84 | 53.59 | 14.91 | 56.50 | 16.20 | 60.75 | 17.58 | 67.90 | 20.55 | 75.05 | 23.45 | | | | | | |
| | 43 | 39.54 | 11.36 | 46.59 | 12.99 | 53.59 | 16.29 | 56.50 | 17.86 | 60.75 | 19.03 | 67.90 | 22.24 | 75.05 | 25.74 | | | | | | |

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

| | | YCV1180HR | | | | | | Cooling Capacity | | | | | | | |
|---------------------|----------------------|-----------------------|-------|---------|-------|---------|-------|------------------|-------|---------|-------|---------|-------|---------|-------|
| Capacity Factor (%) | Outdoor Temp (°C WB) | Indoor Temp. (°C WB) | | | | | | | | | | | | | |
| | | 14 (°C) | | 16 (°C) | | 18 (°C) | | 19.4 (°C) | | 20 (°C) | | 22 (°C) | | 24 (°C) | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| | | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| 130% | -5 | 108.79 | 16.51 | 128.49 | 20.16 | 147.98 | 23.64 | 157.58 | 26.70 | 163.72 | 26.04 | 168.12 | 23.61 | 171.79 | 21.56 |
| | 0 | 108.79 | 16.61 | 128.49 | 20.26 | 147.98 | 23.76 | 157.58 | 26.82 | 163.72 | 26.20 | 168.12 | 23.76 | 171.79 | 21.75 |
| | 5 | 108.79 | 16.76 | 128.49 | 20.42 | 147.98 | 23.95 | 157.58 | 27.01 | 163.72 | 26.42 | 168.12 | 23.99 | 171.79 | 22.00 |
| | 10 | 108.79 | 17.52 | 128.49 | 21.26 | 147.98 | 25.06 | 157.98 | 26.97 | 159.51 | 26.47 | 163.29 | 25.25 | 167.58 | 24.04 |
| | 15 | 108.79 | 18.37 | 128.49 | 22.25 | 147.98 | 26.22 | 153.16 | 26.92 | 155.11 | 26.62 | 157.98 | 26.62 | 162.78 | 26.74 |
| | 20 | 108.79 | 19.37 | 128.49 | 24.77 | 146.35 | 30.12 | 148.57 | 30.27 | 149.61 | 30.41 | 153.18 | 30.70 | 157.48 | 31.00 |
| | 25 | 108.79 | 23.40 | 128.49 | 29.88 | 141.24 | 34.21 | 143.26 | 34.22 | 144.82 | 34.46 | 148.59 | 34.73 | 152.58 | 35.26 |
| | 30 | 108.79 | 27.75 | 128.49 | 35.20 | 136.24 | 38.40 | 137.78 | 38.47 | 139.92 | 38.50 | 142.30 | 38.81 | 147.68 | 39.97 |
| | 35 | 108.79 | 33.06 | 127.37 | 41.74 | 131.84 | 42.27 | 132.98 | 42.55 | 134.71 | 42.76 | 138.48 | 43.10 | 142.47 | 43.52 |
| | 41 | 108.79 | 37.66 | 123.87 | 44.88 | 126.55 | 45.40 | 128.28 | 45.61 | 130.23 | 45.82 | 133.69 | 46.46 | 137.79 | 46.98 |
| | 43 | 108.79 | 40.69 | 121.11 | 46.03 | 123.48 | 46.67 | 125.63 | 47.39 | 127.47 | 47.81 | 131.03 | 48.39 | 134.43 | 48.96 |
| 120% | -5 | 100.62 | 15.28 | 118.38 | 18.22 | 136.75 | 20.66 | 145.42 | 23.20 | 155.85 | 25.09 | 164.74 | 25.49 | 168.62 | 23.68 |
| | 0 | 100.62 | 15.37 | 118.38 | 18.31 | 136.75 | 20.79 | 145.42 | 23.32 | 155.85 | 25.25 | 164.74 | 25.65 | 168.62 | 23.86 |
| | 5 | 100.62 | 15.53 | 118.38 | 18.47 | 136.75 | 20.98 | 145.42 | 23.51 | 155.85 | 25.47 | 164.74 | 25.87 | 168.62 | 24.12 |
| | 10 | 100.62 | 15.91 | 118.38 | 19.37 | 136.75 | 22.83 | 145.42 | 24.58 | 154.20 | 26.33 | 160.63 | 26.14 | 164.42 | 25.02 |
| | 15 | 100.62 | 16.69 | 118.38 | 20.29 | 136.75 | 23.98 | 145.42 | 25.73 | 152.47 | 27.00 | 155.64 | 26.52 | 159.52 | 26.30 |
| | 20 | 100.62 | 17.52 | 118.38 | 21.95 | 136.75 | 27.21 | 145.42 | 29.99 | 147.47 | 30.22 | 150.43 | 30.46 | 154.31 | 30.76 |
| | 25 | 100.62 | 20.83 | 118.38 | 26.52 | 136.75 | 32.81 | 140.63 | 34.17 | 142.67 | 34.21 | 145.94 | 34.52 | 149.41 | 34.73 |
| | 30 | 100.62 | 24.49 | 118.38 | 31.66 | 133.49 | 37.98 | 135.63 | 38.23 | 137.68 | 38.26 | 140.43 | 38.71 | 144.21 | 39.02 |
| | 35 | 100.62 | 29.44 | 118.38 | 37.50 | 129.19 | 41.95 | 130.84 | 42.24 | 132.47 | 42.45 | 135.73 | 42.79 | 139.31 | 43.31 |
| | 41 | 100.62 | 33.79 | 118.38 | 43.52 | 123.90 | 44.98 | 125.73 | 44.98 | 127.77 | 44.98 | 130.54 | 46.46 | 134.22 | 46.46 |
| | 43 | 100.62 | 36.50 | 118.38 | 45.82 | 121.24 | 46.14 | 123.07 | 46.76 | 124.61 | 47.39 | 127.38 | 48.03 | 131.66 | 48.58 |
| 110% | -5 | 92.15 | 13.49 | 108.69 | 16.42 | 125.12 | 19.37 | 133.18 | 21.06 | 141.55 | 22.51 | 162.08 | 26.79 | 166.28 | 25.29 |
| | 0 | 92.15 | 13.58 | 108.69 | 16.51 | 125.12 | 19.50 | 133.18 | 21.19 | 141.55 | 22.66 | 162.08 | 26.95 | 166.28 | 25.48 |
| | 5 | 92.15 | 13.74 | 108.69 | 16.67 | 125.12 | 19.69 | 133.18 | 21.38 | 141.55 | 22.89 | 162.08 | 27.17 | 166.28 | 25.73 |
| | 10 | 92.15 | 14.35 | 108.69 | 17.47 | 125.12 | 20.64 | 133.18 | 22.25 | 141.55 | 23.84 | 157.88 | 27.01 | 161.66 | 26.04 |
| | 15 | 92.15 | 15.04 | 108.69 | 18.30 | 125.12 | 21.61 | 133.18 | 23.19 | 141.55 | 24.96 | 152.57 | 26.87 | 156.45 | 26.47 |
| | 20 | 92.15 | 15.80 | 108.69 | 19.28 | 125.12 | 23.83 | 133.18 | 26.23 | 141.55 | 28.77 | 147.98 | 30.28 | 151.56 | 30.52 |
| | 25 | 92.15 | 18.38 | 108.69 | 23.31 | 125.12 | 28.77 | 133.18 | 33.55 | 138.27 | 35.21 | 141.43 | 35.47 | 145.01 | 36.00 |
| | 30 | 92.15 | 21.99 | 108.69 | 27.84 | 125.12 | 34.52 | 133.18 | 37.67 | 134.00 | 37.97 | 137.88 | 38.50 | 141.45 | 38.71 |
| | 35 | 92.15 | 25.99 | 108.69 | 32.97 | 125.12 | 40.08 | 128.28 | 41.93 | 129.91 | 42.03 | 132.98 | 42.58 | 136.56 | 42.89 |
| | 41 | 92.15 | 30.20 | 108.69 | 38.46 | 121.54 | 44.38 | 123.58 | 45.43 | 125.12 | 45.22 | 127.47 | 46.14 | 131.66 | 46.77 |
| | 43 | 92.15 | 32.74 | 108.69 | 41.22 | 118.37 | 44.88 | 120.93 | 45.94 | 122.36 | 46.99 | 124.72 | 47.51 | 128.50 | 48.35 |
| 100% | -5 | 83.68 | 12.45 | 98.58 | 14.67 | 113.38 | 17.50 | 118.00 | 18.97 | 128.69 | 20.01 | 143.69 | 22.84 | 164.40 | 26.72 |
| | 0 | 83.68 | 12.55 | 98.58 | 14.77 | 113.38 | 17.62 | 118.00 | 19.09 | 128.69 | 20.16 | 143.69 | 23.00 | 164.40 | 26.90 |
| | 5 | 83.68 | 12.71 | 98.58 | 14.92 | 113.38 | 17.81 | 118.00 | 19.28 | 128.69 | 20.39 | 143.69 | 23.22 | 164.40 | 27.16 |
| | 10 | 83.68 | 12.82 | 98.58 | 15.62 | 113.38 | 18.43 | 118.00 | 19.87 | 128.69 | 21.32 | 143.69 | 24.24 | 159.68 | 27.00 |
| | 15 | 83.68 | 13.42 | 98.58 | 16.34 | 113.38 | 19.32 | 118.00 | 20.84 | 128.69 | 22.33 | 143.69 | 25.39 | 154.87 | 26.86 |
| | 20 | 83.68 | 14.12 | 98.58 | 17.17 | 113.38 | 20.64 | 118.00 | 22.73 | 128.69 | 24.89 | 143.69 | 29.45 | 150.56 | 30.28 |
| | 25 | 83.68 | 16.04 | 98.58 | 20.29 | 113.38 | 24.96 | 118.00 | 27.46 | 128.69 | 30.04 | 140.43 | 34.00 | 145.57 | 34.21 |
| | 30 | 83.68 | 19.13 | 98.58 | 24.19 | 113.38 | 29.79 | 118.00 | 32.65 | 128.69 | 35.61 | 135.12 | 37.98 | 139.87 | 38.50 |
| | 35 | 83.68 | 22.73 | 98.58 | 28.71 | 113.38 | 35.30 | 118.00 | 35.75 | 127.67 | 41.72 | 130.33 | 42.27 | 134.58 | 42.58 |
| | 41 | 83.68 | 26.34 | 98.58 | 33.18 | 113.38 | 41.02 | 117.41 | 43.27 | 122.87 | 45.34 | 125.53 | 45.72 | 128.60 | 45.94 |
| | 43 | 83.68 | 28.99 | 98.58 | 35.73 | 113.38 | 43.73 | 116.24 | 44.91 | 119.71 | 46.03 | 122.97 | 46.88 | 125.84 | 47.40 |

To be continued

Continued

| Capacity Factor (%) | Outdoor Temp (°C WB) | YCV1180HR | | | | | | | | Cooling Capacity | | | | | | | |
|---------------------|----------------------|----------------------|-------|---------|-------|---------|-------|-----------|-------|------------------|-------|---------|-------|---------|-------|----|----|
| | | Indoor Temp. (°C WB) | | | | | | | | | | | | | | | |
| | | 14 (°C) | | 16 (°C) | | 18 (°C) | | 19.4 (°C) | | 20 (°C) | | 22 (°C) | | 24 (°C) | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| 90% | -5 | 75.31 | 10.56 | 88.73 | 12.95 | 102.04 | 15.33 | 106.20 | 16.49 | 116.03 | 17.69 | 129.30 | 20.16 | 143.08 | 22.62 | | |
| | 0 | 75.31 | 10.65 | 88.73 | 13.05 | 102.04 | 15.46 | 106.20 | 16.62 | 116.03 | 17.85 | 129.30 | 20.32 | 143.08 | 22.81 | | |
| | 5 | 75.31 | 10.81 | 88.73 | 13.21 | 102.04 | 15.65 | 106.20 | 16.81 | 116.03 | 18.07 | 129.30 | 20.54 | 143.08 | 23.06 | | |
| | 10 | 75.31 | 11.33 | 88.73 | 13.76 | 102.04 | 16.28 | 106.20 | 17.55 | 116.03 | 18.84 | 129.30 | 21.47 | 143.08 | 24.09 | | |
| | 15 | 75.31 | 11.90 | 88.73 | 14.39 | 102.04 | 17.02 | 106.20 | 18.37 | 116.03 | 19.76 | 129.30 | 22.44 | 143.08 | 25.20 | | |
| | 20 | 75.31 | 12.50 | 88.73 | 15.14 | 102.04 | 17.90 | 106.20 | 19.40 | 116.03 | 21.21 | 129.30 | 25.06 | 143.08 | 29.16 | | |
| | 25 | 75.31 | 13.87 | 88.73 | 17.47 | 102.04 | 21.37 | 106.20 | 23.46 | 116.03 | 25.65 | 129.30 | 30.27 | 140.43 | 34.00 | | |
| | 30 | 75.31 | 16.59 | 88.73 | 20.88 | 102.04 | 25.56 | 106.20 | 28.03 | 116.03 | 30.63 | 129.30 | 36.30 | 135.63 | 37.98 | | |
| | 35 | 75.31 | 19.64 | 88.73 | 24.67 | 102.04 | 30.22 | 106.20 | 33.14 | 116.03 | 36.33 | 127.67 | 41.74 | 130.74 | 42.06 | | |
| | 41 | 75.31 | 22.63 | 88.73 | 28.63 | 102.04 | 35.05 | 106.20 | 36.71 | 116.03 | 41.93 | 122.68 | 45.30 | 125.12 | 45.72 | | |
| 80% | 43 | 75.31 | 24.81 | 88.73 | 30.56 | 102.04 | 37.56 | 106.20 | 40.49 | 116.03 | 42.85 | 119.02 | 44.56 | 122.46 | 46.88 | | |
| | -5 | 66.95 | 9.27 | 78.87 | 11.29 | 90.70 | 13.25 | 94.40 | 14.37 | 102.66 | 15.30 | 114.91 | 17.50 | 127.47 | 19.46 | | |
| | 0 | 66.95 | 9.37 | 78.87 | 11.39 | 90.70 | 13.37 | 94.40 | 14.49 | 102.66 | 15.46 | 114.91 | 17.65 | 127.47 | 19.65 | | |
| | 5 | 66.95 | 9.52 | 78.87 | 11.54 | 90.70 | 13.56 | 94.40 | 14.68 | 102.66 | 15.68 | 114.91 | 17.87 | 127.47 | 19.91 | | |
| | 10 | 66.95 | 9.92 | 78.87 | 12.02 | 90.70 | 14.14 | 94.40 | 15.33 | 102.66 | 16.39 | 114.91 | 18.68 | 127.47 | 20.96 | | |
| | 15 | 66.95 | 10.35 | 78.87 | 12.56 | 90.70 | 14.84 | 94.40 | 15.99 | 102.66 | 17.17 | 114.91 | 19.57 | 127.47 | 22.00 | | |
| | 20 | 66.95 | 10.89 | 78.87 | 13.17 | 90.70 | 15.56 | 94.40 | 16.78 | 102.66 | 18.05 | 114.91 | 20.96 | 127.47 | 25.15 | | |
| | 25 | 66.95 | 11.80 | 78.87 | 14.78 | 90.70 | 18.05 | 94.40 | 19.76 | 102.66 | 21.55 | 114.91 | 25.37 | 127.47 | 31.16 | | |
| | 30 | 66.95 | 14.14 | 78.87 | 17.71 | 90.70 | 21.55 | 94.40 | 23.64 | 102.66 | 25.74 | 114.91 | 30.28 | 127.47 | 35.26 | | |
| | 35 | 66.95 | 16.77 | 78.87 | 20.95 | 90.70 | 25.56 | 94.40 | 27.99 | 102.66 | 30.52 | 114.91 | 35.78 | 127.47 | 41.53 | | |
| 70% | 41 | 66.95 | 19.58 | 78.87 | 24.33 | 90.70 | 29.55 | 94.40 | 32.45 | 102.66 | 35.56 | 114.42 | 41.64 | 121.75 | 45.10 | | |
| | 43 | 66.95 | 22.40 | 78.87 | 26.03 | 90.70 | 31.55 | 94.40 | 35.19 | 102.66 | 38.68 | 113.24 | 43.10 | 116.63 | 46.14 | | |
| | -5 | 58.58 | 7.89 | 69.01 | 9.58 | 79.37 | 11.19 | 82.60 | 12.20 | 90.01 | 13.03 | 100.42 | 14.90 | 111.55 | 12.82 | | |
| | 0 | 58.58 | 7.99 | 69.01 | 9.67 | 79.37 | 11.31 | 82.60 | 12.33 | 90.01 | 13.19 | 100.42 | 15.06 | 111.55 | 13.01 | | |
| | 5 | 58.58 | 8.14 | 69.01 | 9.83 | 79.37 | 11.50 | 82.60 | 12.52 | 90.01 | 13.41 | 100.42 | 15.28 | 111.55 | 13.26 | | |
| | 10 | 58.58 | 8.49 | 69.01 | 10.25 | 79.37 | 12.09 | 82.60 | 13.04 | 90.01 | 14.00 | 100.42 | 15.96 | 111.55 | 17.95 | | |
| | 15 | 58.58 | 8.88 | 69.01 | 10.73 | 79.37 | 12.69 | 82.60 | 13.65 | 90.01 | 14.65 | 100.42 | 16.69 | 111.55 | 18.80 | | |
| | 20 | 58.58 | 9.33 | 69.01 | 11.26 | 79.37 | 13.32 | 82.60 | 14.35 | 90.01 | 15.42 | 100.42 | 17.55 | 111.55 | 19.94 | | |
| | 25 | 58.58 | 9.87 | 69.01 | 12.29 | 79.37 | 14.92 | 82.60 | 16.34 | 90.01 | 17.79 | 100.42 | 20.88 | 111.55 | 24.10 | | |
| | 30 | 58.58 | 11.86 | 69.01 | 14.72 | 79.37 | 17.90 | 82.60 | 19.56 | 90.01 | 21.27 | 100.42 | 24.92 | 111.55 | 28.78 | | |
| | 35 | 58.58 | 14.11 | 69.01 | 17.47 | 79.37 | 21.18 | 82.60 | 23.16 | 90.01 | 25.16 | 100.42 | 29.50 | 111.55 | 34.21 | | |
| 60% | 41 | 58.58 | 16.09 | 69.01 | 19.91 | 79.37 | 24.51 | 82.60 | 26.44 | 90.01 | 29.17 | 100.42 | 34.21 | 111.55 | 39.65 | | |
| | 43 | 58.58 | 17.12 | 69.01 | 21.11 | 79.37 | 27.07 | 82.60 | 29.36 | 90.01 | 31.57 | 99.24 | 36.94 | 110.96 | 43.01 | | |
| | -5 | 50.21 | 6.57 | 59.15 | 8.01 | 68.03 | 9.37 | 70.80 | 10.21 | 77.57 | 10.81 | 86.24 | 12.22 | 95.53 | 13.70 | | |
| | 0 | 50.21 | 6.67 | 59.15 | 8.10 | 68.03 | 9.49 | 70.80 | 10.34 | 77.57 | 10.97 | 86.24 | 12.38 | 95.53 | 13.89 | | |
| | 5 | 50.21 | 6.82 | 59.15 | 8.26 | 68.03 | 9.68 | 70.80 | 10.53 | 77.57 | 11.19 | 86.24 | 12.60 | 95.53 | 14.14 | | |
| | 10 | 50.21 | 7.13 | 59.15 | 8.60 | 68.03 | 10.10 | 70.80 | 10.98 | 77.57 | 11.67 | 86.24 | 13.28 | 95.53 | 14.92 | | |
| | 15 | 50.21 | 7.47 | 59.15 | 8.98 | 68.03 | 10.58 | 70.80 | 11.42 | 77.57 | 12.21 | 86.24 | 13.90 | 95.53 | 15.67 | | |
| | 20 | 50.21 | 7.83 | 59.15 | 9.42 | 68.03 | 11.07 | 70.80 | 11.96 | 77.57 | 12.82 | 86.24 | 14.64 | 95.53 | 16.44 | | |
| | 25 | 50.21 | 8.21 | 59.15 | 10.01 | 68.03 | 12.09 | 70.80 | 13.18 | 77.57 | 14.35 | 86.24 | 16.75 | 95.53 | 19.27 | | |
| | 30 | 50.21 | 9.71 | 59.15 | 12.05 | 68.03 | 15.47 | 70.80 | 15.80 | 77.57 | 17.15 | 86.24 | 19.99 | 95.53 | 23.02 | | |
| | 35 | 50.21 | 11.56 | 59.15 | 14.29 | 68.03 | 17.18 | 70.80 | 18.73 | 77.57 | 20.35 | 86.24 | 23.65 | 95.53 | 27.24 | | |
| 50% | 41 | 50.21 | 13.23 | 59.15 | 15.37 | 68.03 | 19.72 | 70.80 | 21.29 | 77.57 | 23.45 | 86.24 | 27.41 | 95.53 | 31.64 | | |
| | 43 | 50.21 | 14.44 | 59.15 | 15.90 | 68.03 | 21.30 | 70.80 | 23.69 | 77.57 | 25.65 | 86.24 | 29.55 | 95.53 | 34.09 | | |
| | -5 | 41.84 | 5.36 | 49.29 | 6.55 | 56.69 | 7.57 | 59.00 | 8.05 | 64.30 | 8.61 | 71.85 | 9.88 | 79.50 | 11.08 | | |
| | 0 | 41.84 | 5.45 | 49.29 | 6.65 | 56.69 | 7.69 | 59.00 | 8.17 | 64.30 | 8.77 | 71.85 | 10.04 | 79.50 | 11.27 | | |
| | 5 | 41.84 | 5.61 | 49.29 | 6.80 | 56.69 | 7.88 | 59.00 | 8.36 | 64.30 | 8.99 | 71.85 | 10.26 | 79.50 | 11.52 | | |
| | 10 | 41.84 | 5.82 | 49.29 | 6.99 | 56.69 | 8.21 | 59.00 | 8.80 | 64.30 | 9.42 | 71.85 | 10.73 | 79.50 | 12.05 | | |
| | 15 | 41.84 | 6.06 | 49.29 | 7.21 | 56.69 | 8.59 | 59.00 | 9.22 | 64.30 | 9.91 | 71.85 | 11.23 | 79.50 | 12.62 | | |
| | 20 | 41.84 | 6.35 | 49.29 | 7.66 | 56.69 | 8.98 | 59.00 | 9.68 | 64.30 | 10.36 | 71.85 | 11.80 | 79.50 | 13.27 | | |
| | 25 | 41.84 | 6.70 | 49.29 | 8.02 | 56.69 | 9.47 | 59.00 | 10.30 | 64.30 | 11.18 | 71.85 | 12.99 | 79.50 | 14.88 | | |
| | 30 | 41.84 | 7.78 | 49.29 | 9.52 | 56.69 | 11.38 | 59.00 | 12.39 | 64.30 | 13.42 | 71.85 | 15.60 | 79.50 | 17.79 | | |
| | 35 | 41.84 | 9.27 | 49.29 | 11.33 | 56.69 | 13.58 | 59.00 | 14.67 | 64.30 | 15.91 | 71.85 | 18.43 | 79.50 | 21.07 | | |
| | 41 | 41.84 | 10.60 | 49.29 | 12.30 | 56.69 | 15.52 | 59.00 | 16.86 | 64.30 | 18.30 | 71.85 | 21.38 | 79.50 | 24.41 | | |
| | 43 | 41.84 | 11.80 | 49.29 | 13.50 | 56.69 | 16.95 | 59.00 | 18.58 | 64.30 | 19.80 | 71.85 | 23.15 | 79.50 | 26.78 | | |

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

| | | YCV1235HR | | | | Cooling Capacity | | | | | | | | | | | |
|---------------------|----------------------|-----------------------|-------|---------|-------|------------------|-------|-----------|-------|---------|-------|---------|-------|---------|-------|----|----|
| Capacity Factor (%) | Outdoor Temp (°C WB) | Indoor Temp. (°C WB) | | | | | | | | | | | | | | | |
| | | 14 (°C) | | 16 (°C) | | 18 (°C) | | 19.4 (°C) | | 20 (°C) | | 22 (°C) | | 24 (°C) | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| | | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| 130% | -5 | 113.97 | 16.69 | 134.69 | 20.37 | 155.09 | 23.89 | 165.50 | 26.97 | 172.24 | 26.32 | 177.24 | 23.86 | 180.71 | 21.80 | | |
| | 0 | 113.97 | 16.78 | 134.69 | 20.47 | 155.09 | 24.01 | 165.50 | 27.09 | 172.24 | 26.47 | 177.24 | 24.01 | 180.71 | 21.99 | | |
| | 5 | 113.97 | 16.93 | 134.69 | 20.62 | 155.09 | 24.19 | 165.50 | 27.27 | 172.24 | 26.68 | 177.24 | 24.22 | 180.71 | 22.23 | | |
| | 10 | 113.97 | 17.70 | 134.69 | 21.47 | 155.09 | 25.32 | 165.50 | 27.24 | 167.23 | 26.73 | 171.11 | 25.50 | 175.61 | 24.28 | | |
| | 15 | 113.97 | 18.55 | 134.69 | 22.47 | 155.09 | 26.47 | 159.89 | 27.18 | 162.13 | 26.89 | 165.50 | 26.88 | 170.61 | 27.00 | | |
| | 20 | 113.97 | 19.56 | 134.69 | 25.01 | 153.46 | 30.41 | 155.09 | 30.57 | 156.83 | 30.71 | 160.50 | 31.00 | 165.00 | 31.30 | | |
| | 25 | 113.97 | 23.63 | 134.69 | 30.17 | 147.85 | 34.50 | 149.48 | 34.55 | 151.73 | 34.81 | 155.71 | 35.11 | 160.00 | 35.62 | | |
| | 30 | 113.97 | 28.02 | 134.69 | 35.52 | 142.75 | 38.79 | 144.48 | 38.84 | 146.73 | 38.88 | 150.09 | 39.18 | 155.00 | 40.33 | | |
| | 35 | 113.97 | 33.39 | 133.56 | 42.14 | 137.75 | 42.65 | 139.48 | 42.95 | 141.12 | 43.17 | 144.99 | 43.47 | 149.38 | 43.98 | | |
| | 41 | 113.97 | 38.04 | 129.08 | 45.28 | 132.75 | 45.89 | 134.38 | 46.06 | 136.63 | 46.31 | 139.99 | 46.94 | 144.89 | 47.36 | | |
| | 43 | 113.97 | 41.09 | 126.01 | 46.52 | 129.38 | 47.24 | 131.63 | 47.90 | 133.87 | 48.38 | 137.24 | 49.00 | 141.53 | 49.75 | | |
| 120% | -5 | 105.30 | 15.44 | 124.07 | 18.42 | 143.36 | 20.89 | 152.34 | 23.44 | 163.87 | 25.36 | 173.36 | 25.76 | 177.34 | 23.94 | | |
| | 0 | 105.30 | 15.54 | 124.07 | 18.51 | 143.36 | 21.02 | 152.34 | 23.56 | 163.87 | 25.51 | 173.36 | 25.92 | 177.34 | 24.12 | | |
| | 5 | 105.30 | 15.69 | 124.07 | 18.66 | 143.36 | 21.20 | 152.34 | 23.75 | 163.87 | 25.73 | 173.36 | 26.13 | 177.34 | 24.37 | | |
| | 10 | 105.30 | 16.07 | 124.07 | 19.56 | 143.36 | 23.05 | 152.34 | 24.83 | 161.62 | 26.59 | 168.36 | 26.40 | 172.34 | 25.27 | | |
| | 15 | 105.30 | 16.86 | 124.07 | 20.49 | 143.36 | 24.21 | 152.34 | 25.99 | 159.89 | 27.27 | 163.26 | 26.78 | 167.24 | 26.56 | | |
| | 20 | 105.30 | 17.70 | 124.07 | 22.17 | 143.36 | 27.48 | 152.34 | 30.28 | 154.58 | 30.52 | 157.64 | 30.76 | 161.63 | 31.07 | | |
| | 25 | 105.30 | 21.03 | 124.07 | 26.78 | 143.36 | 33.13 | 147.24 | 34.50 | 149.48 | 34.50 | 152.85 | 34.81 | 156.63 | 35.11 | | |
| | 30 | 105.30 | 24.73 | 124.07 | 31.96 | 139.99 | 38.28 | 142.24 | 38.60 | 144.48 | 38.67 | 147.24 | 39.09 | 151.02 | 39.39 | | |
| | 35 | 105.30 | 29.72 | 124.07 | 37.80 | 134.99 | 42.35 | 137.24 | 42.65 | 138.87 | 42.86 | 142.24 | 43.17 | 146.02 | 43.68 | | |
| | 41 | 105.30 | 34.17 | 124.07 | 43.89 | 129.89 | 45.46 | 131.63 | 45.43 | 133.87 | 45.46 | 137.24 | 46.94 | 141.02 | 46.94 | | |
| | 43 | 105.30 | 36.80 | 124.07 | 46.21 | 127.14 | 46.61 | 128.77 | 47.20 | 130.50 | 47.87 | 133.87 | 48.50 | 138.16 | 49.03 | | |
| 110% | -5 | 96.32 | 13.63 | 113.97 | 16.60 | 131.01 | 19.59 | 139.48 | 21.29 | 148.36 | 22.75 | 170.60 | 27.07 | 175.10 | 25.56 | | |
| | 0 | 96.32 | 13.73 | 113.97 | 16.69 | 131.01 | 19.71 | 139.48 | 21.41 | 148.36 | 22.90 | 170.60 | 27.22 | 175.10 | 25.74 | | |
| | 5 | 96.32 | 13.88 | 113.97 | 16.85 | 131.01 | 19.89 | 139.48 | 21.59 | 148.36 | 23.11 | 170.60 | 27.44 | 175.10 | 25.99 | | |
| | 10 | 96.32 | 14.50 | 113.97 | 17.65 | 131.01 | 20.85 | 139.48 | 22.47 | 148.36 | 24.08 | 165.50 | 27.27 | 169.49 | 26.29 | | |
| | 15 | 96.32 | 15.19 | 113.97 | 18.48 | 131.01 | 21.82 | 139.48 | 23.42 | 148.36 | 25.20 | 159.89 | 27.14 | 163.88 | 26.73 | | |
| | 20 | 96.32 | 15.97 | 113.97 | 19.47 | 131.01 | 24.07 | 139.48 | 26.49 | 148.36 | 29.05 | 155.09 | 30.58 | 158.87 | 30.81 | | |
| | 25 | 96.32 | 18.56 | 113.97 | 23.54 | 131.01 | 29.05 | 139.48 | 33.86 | 144.48 | 35.56 | 147.85 | 35.86 | 151.63 | 36.28 | | |
| | 30 | 96.32 | 22.21 | 113.97 | 28.11 | 131.01 | 34.90 | 139.48 | 38.04 | 140.60 | 38.37 | 144.48 | 38.88 | 148.26 | 39.09 | | |
| | 35 | 96.32 | 26.24 | 113.97 | 33.29 | 131.01 | 40.47 | 134.38 | 42.34 | 136.11 | 42.44 | 139.48 | 42.95 | 143.16 | 43.26 | | |
| | 41 | 96.32 | 30.49 | 113.97 | 38.82 | 127.14 | 44.78 | 129.38 | 45.86 | 131.01 | 45.61 | 133.87 | 46.54 | 138.16 | 47.17 | | |
| | 43 | 96.32 | 33.06 | 113.97 | 41.60 | 123.77 | 45.31 | 126.53 | 46.38 | 128.26 | 47.39 | 131.01 | 47.99 | 134.79 | 48.83 | | |
| 100% | -5 | 87.65 | 12.59 | 103.36 | 14.83 | 118.77 | 17.69 | 123.50 | 19.18 | 134.99 | 20.22 | 150.61 | 23.09 | 171.73 | 26.99 | | |
| | 0 | 87.65 | 12.68 | 103.36 | 14.92 | 118.77 | 17.81 | 123.50 | 19.30 | 134.99 | 20.38 | 150.61 | 23.24 | 171.73 | 27.18 | | |
| | 5 | 87.65 | 12.83 | 103.36 | 15.08 | 118.77 | 17.99 | 123.50 | 19.49 | 134.99 | 20.59 | 150.61 | 23.46 | 171.73 | 27.42 | | |
| | 10 | 87.65 | 12.95 | 103.36 | 15.77 | 118.77 | 18.62 | 123.50 | 20.08 | 134.99 | 21.53 | 150.61 | 24.47 | 166.12 | 27.27 | | |
| | 15 | 87.65 | 13.55 | 103.36 | 16.51 | 118.77 | 19.51 | 123.50 | 21.04 | 134.99 | 22.55 | 150.61 | 25.64 | 160.51 | 27.12 | | |
| | 20 | 87.65 | 14.26 | 103.36 | 17.34 | 118.77 | 20.85 | 123.50 | 22.96 | 134.99 | 25.13 | 150.61 | 29.74 | 155.51 | 30.58 | | |
| | 25 | 87.65 | 16.21 | 103.36 | 20.49 | 118.77 | 25.20 | 123.50 | 27.72 | 134.99 | 30.32 | 147.24 | 34.29 | 150.51 | 34.59 | | |
| | 30 | 87.65 | 19.32 | 103.36 | 24.43 | 118.77 | 30.09 | 123.50 | 32.96 | 134.99 | 35.92 | 141.73 | 38.37 | 144.89 | 38.88 | | |
| | 35 | 87.65 | 22.96 | 103.36 | 28.99 | 118.77 | 35.64 | 123.50 | 37.38 | 133.87 | 42.14 | 136.63 | 42.65 | 139.89 | 42.95 | | |
| | 41 | 87.65 | 26.60 | 103.36 | 33.49 | 118.77 | 41.42 | 122.62 | 43.69 | 128.77 | 45.73 | 131.63 | 46.12 | 134.79 | 46.36 | | |
| | 43 | 87.65 | 29.28 | 103.36 | 36.06 | 118.77 | 44.17 | 121.55 | 45.34 | 125.50 | 46.52 | 128.77 | 47.36 | 132.04 | 47.81 | | |

To be continued

Continued

| YCVI235HR | | | | | | | | | | | | Cooling Capacity | | | | | | | | | |
|---------------------|----------------------|----------------------|-------|-------|-------|---------|-------|--------|-------|---------|-------|------------------|-------|-----------|-------|----|----|---------|----|--|--|
| Capacity Factor (%) | Outdoor Temp (°C WB) | Indoor Temp. (°C WB) | | | | | | | | | | | | | | | | | | | |
| | | 14 (°C) | | | | 16 (°C) | | | | 18 (°C) | | | | 19.4 (°C) | | | | 20 (°C) | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | | |
| | | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | | |
| 90% | -5 | 78.88 | 10.69 | 93.02 | 13.10 | 106.89 | 15.50 | 111.15 | 16.67 | 121.52 | 17.89 | 135.50 | 20.38 | 149.90 | 22.86 | | | | | | |
| | 0 | 78.88 | 10.78 | 93.02 | 13.19 | 106.89 | 15.62 | 111.15 | 16.79 | 121.52 | 18.05 | 135.50 | 20.53 | 149.90 | 23.05 | | | | | | |
| | 5 | 78.88 | 10.93 | 93.02 | 13.35 | 106.89 | 15.80 | 111.15 | 16.98 | 121.52 | 18.26 | 135.50 | 20.75 | 149.90 | 23.29 | | | | | | |
| | 10 | 78.88 | 11.44 | 93.02 | 13.91 | 106.89 | 16.45 | 111.15 | 17.73 | 121.52 | 19.03 | 135.50 | 21.68 | 149.90 | 24.33 | | | | | | |
| | 15 | 78.88 | 12.02 | 93.02 | 14.54 | 106.89 | 17.19 | 111.15 | 18.55 | 121.52 | 19.95 | 135.50 | 22.67 | 149.90 | 25.45 | | | | | | |
| | 20 | 78.88 | 12.62 | 93.02 | 15.29 | 106.89 | 18.08 | 111.15 | 19.60 | 121.52 | 21.43 | 135.50 | 25.32 | 149.90 | 29.44 | | | | | | |
| | 25 | 78.88 | 14.01 | 93.02 | 17.65 | 106.89 | 21.58 | 111.15 | 23.69 | 121.52 | 25.91 | 135.50 | 30.57 | 147.14 | 34.29 | | | | | | |
| | 30 | 78.88 | 16.75 | 93.02 | 21.08 | 106.89 | 25.80 | 111.15 | 28.29 | 121.52 | 30.92 | 135.50 | 36.65 | 142.14 | 38.37 | | | | | | |
| | 35 | 78.88 | 19.84 | 93.02 | 24.91 | 106.89 | 30.53 | 111.15 | 33.46 | 121.52 | 36.65 | 133.87 | 42.14 | 137.04 | 42.44 | | | | | | |
| | 41 | 78.88 | 22.85 | 93.02 | 28.92 | 106.89 | 35.41 | 111.15 | 37.08 | 121.52 | 42.35 | 128.77 | 45.70 | 130.92 | 46.12 | | | | | | |
| | 43 | 78.88 | 25.05 | 93.02 | 30.87 | 106.89 | 37.85 | 111.15 | 40.88 | 121.52 | 43.26 | 125.50 | 45.04 | 128.06 | 47.36 | | | | | | |
| 80% | -5 | 70.12 | 9.39 | 82.69 | 11.42 | 95.01 | 13.40 | 98.80 | 14.52 | 107.54 | 15.47 | 120.40 | 17.69 | 133.67 | 19.67 | | | | | | |
| | 0 | 70.12 | 9.48 | 82.69 | 11.52 | 95.01 | 13.52 | 98.80 | 14.65 | 107.54 | 15.62 | 120.40 | 17.84 | 133.67 | 19.85 | | | | | | |
| | 5 | 70.12 | 9.63 | 82.69 | 11.67 | 95.01 | 13.70 | 98.80 | 14.83 | 107.54 | 15.84 | 120.40 | 18.06 | 133.67 | 20.10 | | | | | | |
| | 10 | 70.12 | 10.03 | 82.69 | 12.14 | 95.01 | 14.29 | 98.80 | 15.49 | 107.54 | 16.56 | 120.40 | 18.87 | 133.67 | 21.17 | | | | | | |
| | 15 | 70.12 | 10.46 | 82.69 | 12.68 | 95.01 | 15.00 | 98.80 | 16.15 | 107.54 | 17.34 | 120.40 | 19.77 | 133.67 | 22.22 | | | | | | |
| | 20 | 70.12 | 10.99 | 82.69 | 13.31 | 95.01 | 15.72 | 98.80 | 16.95 | 107.54 | 18.24 | 120.40 | 21.17 | 133.67 | 23.39 | | | | | | |
| | 25 | 70.12 | 11.92 | 82.69 | 14.94 | 95.01 | 18.24 | 98.80 | 19.95 | 107.54 | 21.76 | 120.40 | 25.61 | 133.67 | 31.45 | | | | | | |
| | 30 | 70.12 | 14.28 | 82.69 | 17.88 | 95.01 | 21.76 | 98.80 | 23.87 | 107.54 | 26.00 | 120.40 | 30.58 | 133.67 | 35.62 | | | | | | |
| | 35 | 70.12 | 16.94 | 82.69 | 21.16 | 95.01 | 25.80 | 98.80 | 28.26 | 107.54 | 30.81 | 120.40 | 36.13 | 133.67 | 41.93 | | | | | | |
| | 41 | 70.12 | 19.77 | 82.69 | 24.58 | 95.01 | 29.84 | 98.80 | 32.77 | 107.54 | 35.92 | 120.40 | 42.05 | 127.55 | 45.52 | | | | | | |
| | 43 | 70.12 | 22.61 | 82.69 | 26.28 | 95.01 | 31.86 | 98.80 | 35.52 | 107.54 | 39.03 | 120.40 | 43.47 | 121.43 | 46.54 | | | | | | |
| 70% | -5 | 61.35 | 7.98 | 72.35 | 9.69 | 83.14 | 11.31 | 86.45 | 12.34 | 94.38 | 13.18 | 105.30 | 15.07 | 116.94 | 13.01 | | | | | | |
| | 0 | 61.35 | 8.07 | 72.35 | 9.78 | 83.14 | 11.43 | 86.45 | 12.47 | 94.38 | 13.33 | 105.30 | 15.22 | 116.94 | 13.19 | | | | | | |
| | 5 | 61.35 | 8.23 | 72.35 | 9.94 | 83.14 | 11.62 | 86.45 | 12.65 | 94.38 | 13.55 | 105.30 | 15.44 | 116.94 | 13.44 | | | | | | |
| | 10 | 61.35 | 8.59 | 72.35 | 10.35 | 83.14 | 12.22 | 86.45 | 13.17 | 94.38 | 14.14 | 105.30 | 16.12 | 116.94 | 18.14 | | | | | | |
| | 15 | 61.35 | 8.97 | 72.35 | 10.84 | 83.14 | 12.82 | 86.45 | 13.80 | 94.38 | 14.79 | 105.30 | 16.86 | 116.94 | 18.98 | | | | | | |
| | 20 | 61.35 | 9.42 | 72.35 | 11.38 | 83.14 | 13.46 | 86.45 | 14.50 | 94.38 | 15.57 | 105.30 | 17.73 | 116.94 | 20.14 | | | | | | |
| | 25 | 61.35 | 9.97 | 72.35 | 12.42 | 83.14 | 15.08 | 86.45 | 16.51 | 94.38 | 17.97 | 105.30 | 21.08 | 116.94 | 24.34 | | | | | | |
| | 30 | 61.35 | 11.98 | 72.35 | 14.87 | 83.14 | 18.08 | 86.45 | 19.76 | 94.38 | 21.48 | 105.30 | 25.16 | 116.94 | 29.07 | | | | | | |
| | 35 | 61.35 | 14.24 | 72.35 | 17.65 | 83.14 | 21.40 | 86.45 | 23.39 | 94.38 | 25.41 | 105.30 | 29.79 | 116.94 | 34.50 | | | | | | |
| | 41 | 61.35 | 16.25 | 72.35 | 20.12 | 83.14 | 24.75 | 86.45 | 26.71 | 94.38 | 29.46 | 105.30 | 34.59 | 116.94 | 40.09 | | | | | | |
| | 43 | 61.35 | 17.30 | 72.35 | 21.33 | 83.14 | 27.34 | 86.45 | 29.66 | 94.38 | 31.88 | 105.30 | 37.28 | 116.94 | 43.40 | | | | | | |
| 60% | -5 | 52.59 | 6.66 | 62.02 | 8.11 | 71.26 | 9.48 | 74.10 | 10.33 | 81.43 | 10.94 | 90.40 | 12.36 | 100.10 | 13.85 | | | | | | |
| | 0 | 52.59 | 6.75 | 62.02 | 8.20 | 71.26 | 9.60 | 74.10 | 10.46 | 81.43 | 11.09 | 90.40 | 12.52 | 100.10 | 14.04 | | | | | | |
| | 5 | 52.59 | 6.90 | 62.02 | 8.36 | 71.26 | 9.78 | 74.10 | 10.64 | 81.43 | 11.30 | 90.40 | 12.73 | 100.10 | 14.28 | | | | | | |
| | 10 | 52.59 | 7.21 | 62.02 | 8.70 | 71.26 | 10.21 | 74.10 | 11.10 | 81.43 | 11.80 | 90.40 | 13.42 | 100.10 | 15.08 | | | | | | |
| | 15 | 52.59 | 7.56 | 62.02 | 9.08 | 71.26 | 10.70 | 74.10 | 11.53 | 81.43 | 12.35 | 90.40 | 14.04 | 100.10 | 15.82 | | | | | | |
| | 20 | 52.59 | 7.92 | 62.02 | 9.52 | 71.26 | 11.20 | 74.10 | 12.08 | 81.43 | 12.95 | 90.40 | 14.79 | 100.10 | 16.61 | | | | | | |
| | 25 | 52.59 | 8.29 | 62.02 | 10.11 | 71.26 | 12.22 | 74.10 | 13.32 | 81.43 | 14.50 | 90.40 | 16.91 | 100.10 | 19.46 | | | | | | |
| | 30 | 52.59 | 9.82 | 62.02 | 12.17 | 71.26 | 15.66 | 74.10 | 15.97 | 81.43 | 17.32 | 90.40 | 20.19 | 100.10 | 23.25 | | | | | | |
| | 35 | 52.59 | 11.68 | 62.02 | 14.44 | 71.26 | 17.35 | 74.10 | 18.92 | 81.43 | 20.54 | 90.40 | 23.89 | 100.10 | 27.51 | | | | | | |
| | 41 | 52.59 | 13.37 | 62.02 | 15.50 | 71.26 | 19.92 | 74.10 | 21.50 | 81.43 | 23.69 | 90.40 | 27.68 | 100.10 | 31.96 | | | | | | |
| | 43 | 52.59 | 14.59 | 62.02 | 16.05 | 71.26 | 21.50 | 74.10 | 23.91 | 81.43 | 25.90 | 90.40 | 29.85 | 100.10 | 34.41 | | | | | | |
| 50% | -5 | 43.82 | 5.43 | 51.68 | 6.63 | 59.38 | 7.67 | 61.75 | 8.15 | 67.45 | 8.72 | 75.30 | 10.00 | 83.37 | 11.22 | | | | | | |
| | 0 | 43.82 | 5.52 | 51.68 | 6.72 | 59.38 | 7.79 | 61.75 | 8.27 | 67.45 | 8.88 | 75.30 | 10.16 | 83.37 | 11.41 | | | | | | |
| | 5 | 43.82 | 5.67 | 51.68 | 6.87 | 59.38 | 7.97 | 61.75 | 8.45 | 67.45 | 9.09 | 75.30 | 10.37 | 83.37 | 11.65 | | | | | | |
| | 10 | 43.82 | 5.89 | 51.68 | 7.07 | 59.38 | 8.29 | 61.75 | 8.89 | 67.45 | 9.52 | 75.30 | 10.84 | 83.37 | 12.17 | | | | | | |
| | 15 | 43.82 | 6.13 | 51.68 | 7.29 | 59.38 | 8.69 | 61.75 | 9.32 | 67.45 | 10.02 | 75.30 | 11.35 | 83.37 | 12.76 | | | | | | |
| | 20 | 43.82 | 6.43 | 51.68 | 7.74 | 59.38 | 9.08 | 61.75 | 9.79 | 67.45 | 10.47 | 75.30 | 11.92 | 83.37 | 13.41 | | | | | | |
| | 25 | 43.82 | 6.78 | 51.68 | 8.11 | 59.38 | 9.57 | 61.75 | 10.41 | 67.45 | 11.30 | 75.30 | 13.12 | 83.37 | 15.04 | | | | | | |
| | 30 | 43.82 | 7.86 | 51.68 | 9.62 | 59.38 | 11.49 | 61.75 | 12.52 | 67.45 | 13.55 | 75.30 | 15.75 | 83.37 | 17.97 | | | | | | |
| | 35 | 43.82 | 9.37 | 51.68 | 11.44 | 59.38 | 13.71 | 61.75 | 14.82 | 67.45 | 16.07 | 75.30 | 18.62 | 83.37 | 21.27 | | | | | | |
| | 41 | 43.82 | 10.72 | 51.68 | 12.44 | 59.38 | 15.68 | 61.75 | 17.03 | 67.45 | 18.49 | 75.30 | 21.59 | 83.37 | 24.66 | | | | | | |
| | 43 | 43.82 | 11.94 | 51.68 | 13.64 | 59.38 | 17.12 | 61.75 | 18.77 | 67.45 | 20.00 | 75.30 | 23.38 | 83.37 | 27.05 | | | | | | |

TC: total capacity, kW

Pl: power input, kW (compressor+outdoor motor)

| Capacity Factor (%) | YCV1300HR | | | | | | | | | | Cooling Capacity | | | | | | | | | | | | | | | | | |
|---------------------|----------------------|--------|-----------------------|--------|-------|--------|---------|--------|-------|--------|------------------|--------|-------|--------|-----------|----|----|----|---------|----|----|----|---------|----|----|----|---------|--|
| | Outdoor Temp (°C WB) | | Indoor Temp. (°C WB) | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 14 (°C) | | | | 16 (°C) | | | | 18 (°C) | | | | 19.4 (°C) | | | | 20 (°C) | | | | 22 (°C) | | | | 24 (°C) | |
| | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | | |
| 130% | -5 | 119.96 | 18.23 | 141.69 | 22.37 | 163.21 | 26.39 | 174.23 | 29.93 | 181.26 | 29.10 | 186.57 | 26.39 | 190.15 | 23.61 | | | | | | | | | | | | | |
| | 0 | 119.96 | 18.32 | 141.69 | 22.47 | 163.21 | 26.52 | 174.23 | 30.06 | 181.26 | 29.26 | 186.57 | 26.55 | 190.15 | 23.80 | | | | | | | | | | | | | |
| | 5 | 119.96 | 18.48 | 141.69 | 22.63 | 163.21 | 26.71 | 174.23 | 30.25 | 181.26 | 29.49 | 186.57 | 26.77 | 190.15 | 24.06 | | | | | | | | | | | | | |
| | 10 | 119.96 | 19.48 | 141.69 | 23.72 | 163.21 | 28.05 | 174.23 | 30.21 | 175.96 | 29.64 | 180.04 | 28.27 | 184.84 | 26.89 | | | | | | | | | | | | | |
| | 15 | 119.96 | 20.47 | 141.69 | 24.84 | 163.21 | 29.36 | 168.31 | 30.16 | 170.66 | 29.82 | 174.23 | 29.76 | 179.54 | 29.91 | | | | | | | | | | | | | |
| | 20 | 119.96 | 21.58 | 141.69 | 27.72 | 161.48 | 33.79 | 163.21 | 33.96 | 164.95 | 34.12 | 168.92 | 34.46 | 173.62 | 34.79 | | | | | | | | | | | | | |
| | 25 | 119.96 | 26.16 | 141.69 | 33.52 | 155.56 | 38.38 | 157.30 | 38.49 | 159.64 | 38.70 | 163.82 | 39.02 | 168.32 | 39.55 | | | | | | | | | | | | | |
| | 30 | 119.96 | 31.04 | 141.69 | 40.12 | 150.26 | 43.26 | 151.99 | 43.26 | 154.34 | 43.26 | 157.91 | 43.58 | 163.01 | 45.17 | | | | | | | | | | | | | |
| | 35 | 119.96 | 37.22 | 140.56 | 46.97 | 144.95 | 47.61 | 146.69 | 47.82 | 148.52 | 48.14 | 152.60 | 48.46 | 157.20 | 49.10 | | | | | | | | | | | | | |
| | 41 | 119.96 | 41.99 | 135.87 | 50.26 | 139.65 | 50.90 | 141.48 | 51.22 | 143.83 | 51.53 | 147.30 | 52.49 | 152.40 | 53.02 | | | | | | | | | | | | | |
| 120% | 43 | 119.96 | 45.49 | 132.61 | 51.85 | 136.18 | 52.70 | 138.52 | 53.65 | 140.87 | 54.29 | 144.34 | 55.08 | 148.93 | 56.41 | | | | | | | | | | | | | |
| | -5 | 110.78 | 16.94 | 130.57 | 20.26 | 150.87 | 22.75 | 160.25 | 25.84 | 172.39 | 28.03 | 182.39 | 28.44 | 186.58 | 26.21 | | | | | | | | | | | | | |
| | 0 | 110.78 | 17.04 | 130.57 | 20.36 | 150.87 | 22.88 | 160.25 | 25.97 | 172.39 | 28.19 | 182.39 | 28.60 | 186.58 | 26.40 | | | | | | | | | | | | | |
| | 5 | 110.78 | 17.20 | 130.57 | 20.52 | 150.87 | 23.07 | 160.25 | 26.16 | 172.39 | 28.42 | 182.39 | 28.82 | 186.58 | 26.66 | | | | | | | | | | | | | |
| | 10 | 110.78 | 17.66 | 130.57 | 21.58 | 150.87 | 25.49 | 160.25 | 27.50 | 170.04 | 29.49 | 177.18 | 29.27 | 181.27 | 27.99 | | | | | | | | | | | | | |
| | 15 | 110.78 | 18.54 | 130.57 | 22.63 | 150.87 | 26.83 | 160.25 | 28.82 | 168.31 | 30.25 | 171.88 | 29.70 | 175.97 | 29.33 | | | | | | | | | | | | | |
| | 20 | 110.78 | 19.48 | 130.57 | 24.52 | 150.87 | 30.49 | 160.25 | 33.64 | 162.60 | 33.91 | 165.96 | 34.19 | 170.15 | 34.52 | | | | | | | | | | | | | |
| | 25 | 110.78 | 23.23 | 130.57 | 29.70 | 150.87 | 36.84 | 154.95 | 38.38 | 157.30 | 38.38 | 160.86 | 38.81 | 164.85 | 39.02 | | | | | | | | | | | | | |
| | 30 | 110.78 | 27.26 | 130.57 | 35.52 | 147.30 | 42.63 | 149.64 | 42.94 | 151.99 | 43.05 | 154.95 | 43.58 | 158.93 | 43.90 | | | | | | | | | | | | | |
| | 35 | 110.78 | 33.02 | 130.57 | 42.14 | 141.99 | 47.29 | 144.34 | 47.50 | 146.17 | 47.82 | 149.64 | 48.14 | 153.63 | 48.78 | | | | | | | | | | | | | |
| 110% | 41 | 110.78 | 37.75 | 130.57 | 49.10 | 136.69 | 50.26 | 138.52 | 50.37 | 140.87 | 50.37 | 144.34 | 52.49 | 148.32 | 52.49 | | | | | | | | | | | | | |
| | 43 | 110.78 | 40.51 | 130.57 | 51.53 | 133.83 | 51.85 | 135.57 | 52.70 | 137.30 | 53.65 | 140.87 | 54.61 | 145.36 | 55.34 | | | | | | | | | | | | | |
| | -5 | 101.39 | 14.84 | 119.96 | 18.23 | 137.91 | 21.58 | 146.69 | 23.46 | 156.17 | 25.01 | 179.53 | 30.05 | 184.23 | 28.21 | | | | | | | | | | | | | |
| | 0 | 101.39 | 14.94 | 119.96 | 18.32 | 137.91 | 21.70 | 146.69 | 23.59 | 156.17 | 25.17 | 179.53 | 30.21 | 184.23 | 28.40 | | | | | | | | | | | | | |
| | 5 | 101.39 | 15.10 | 119.96 | 18.48 | 137.91 | 21.90 | 146.69 | 23.78 | 156.17 | 25.40 | 179.53 | 30.43 | 184.23 | 28.66 | | | | | | | | | | | | | |
| | 10 | 101.39 | 15.88 | 119.96 | 19.43 | 137.91 | 23.02 | 146.69 | 24.84 | 156.17 | 26.66 | 174.23 | 30.25 | 178.31 | 29.15 | | | | | | | | | | | | | |
| | 15 | 101.39 | 16.65 | 119.96 | 20.37 | 137.91 | 24.12 | 146.69 | 25.88 | 156.17 | 27.93 | 168.31 | 30.09 | 172.50 | 29.64 | | | | | | | | | | | | | |
| | 20 | 101.39 | 17.54 | 119.96 | 21.46 | 137.91 | 26.66 | 146.69 | 29.36 | 156.17 | 32.26 | 163.21 | 33.96 | 167.19 | 34.24 | | | | | | | | | | | | | |
| | 25 | 101.39 | 20.47 | 119.96 | 26.04 | 137.91 | 32.26 | 146.69 | 38.27 | 151.99 | 39.98 | 155.56 | 40.29 | 159.54 | 40.82 | | | | | | | | | | | | | |
| | 30 | 101.39 | 24.57 | 119.96 | 31.20 | 137.91 | 38.70 | 146.69 | 42.31 | 147.91 | 42.73 | 151.99 | 43.26 | 155.97 | 43.58 | | | | | | | | | | | | | |
| 100% | 35 | 101.39 | 29.09 | 119.96 | 37.02 | 137.91 | 45.81 | 141.48 | 47.19 | 143.22 | 47.29 | 146.69 | 47.82 | 150.67 | 48.25 | | | | | | | | | | | | | |
| | 41 | 101.39 | 33.75 | 119.96 | 43.12 | 133.83 | 50.90 | 136.18 | 51.22 | 137.91 | 50.90 | 140.87 | 52.06 | 145.36 | 53.02 | | | | | | | | | | | | | |
| | 43 | 101.39 | 36.58 | 119.96 | 46.02 | 130.26 | 50.58 | 133.22 | 51.85 | 134.95 | 53.34 | 137.91 | 53.97 | 141.89 | 55.14 | | | | | | | | | | | | | |
| | -5 | 92.21 | 13.79 | 108.74 | 16.23 | 124.96 | 19.48 | 130.00 | 20.81 | 141.99 | 22.24 | 158.52 | 25.38 | 180.66 | 29.98 | | | | | | | | | | | | | |
| | 0 | 92.21 | 13.89 | 108.74 | 16.33 | 124.96 | 19.60 | 130.00 | 20.94 | 141.99 | 22.40 | 158.52 | 25.54 | 180.66 | 30.18 | | | | | | | | | | | | | |
| | 5 | 92.21 | 14.05 | 108.74 | 16.49 | 124.96 | 19.80 | 130.00 | 21.13 | 141.99 | 22.63 | 158.52 | 25.77 | 180.66 | 30.43 | | | | | | | | | | | | | |
| | 10 | 92.21 | 14.16 | 108.74 | 17.32 | 124.96 | 20.52 | 130.00 | 22.17 | 141.99 | 23.78 | 158.52 | 27.10 | 174.84 | 30.25 | | | | | | | | | | | | | |
| | 15 | 92.21 | 14.82 | 108.74 | 18.14 | 124.96 | 21.53 | 130.00 | 23.23 | 141.99 | 24.94 | 158.52 | 28.42 | 168.93 | 30.09 | | | | | | | | | | | | | |
| | 20 | 92.21 | 15.61 | 108.74 | 19.09 | 124.96 | 23.02 | 130.00 | 25.40 | 141.99 | 27.83 | 158.52 | 33.02 | 163.62 | 33.96 | | | | | | | | | | | | | |
| | 25 | 92.21 | 17.80 | 108.74 | 22.63 | 124.96 | 27.93 | 130.00 | 30.76 | 141.99 | 33.69 | 154.95 | 38.17 | 158.32 | 38.49 | | | | | | | | | | | | | |
| | 30 | 92.21 | 21.29 | 108.74 | 27.10 | 124.96 | 33.41 | 130.00 | 36.77 | 141.99 | 39.98 | 149.13 | 42.73 | 152.40 | 43.26 | | | | | | | | | | | | | |
| | 35 | 92.21 | 25.40 | 108.74 | 32.19 | 124.96 | 39.67 | 130.00 | 40.50 | 140.87 | 46.97 | 143.83 | 47.50 | 147.10 | 47.82 | | | | | | | | | | | | | |
| | 41 | 92.21 | 29.36 | 108.74 | 37.03 | 124.96 | 46.07 | 129.22 | 48.76 | 135.57 | 51.22 | 138.52 | 51.53 | 141.89 | 52.06 | | | | | | | | | | | | | |
| | 43 | 92.21 | 32.19 | 108.74 | 39.93 | 124.96 | 48.90 | 128.33 | 50.63 | 132.00 | 51.85 | 135.57 | 53.02 | 138.94 | 53.97 | | | | | | | | | | | | | |

To be continued

Continued

| Capacity Factor (%) | Outdoor Temp (°C WB) | YCV1300HR | | | | | | | | | | | | Cooling Capacity | | | | | | | |
|---------------------|----------------------|----------------------|-------|---------|-------|---------|-------|-----------|-------|---------|-------|---------|-------|------------------|-------|----|----|----|----|----|----|
| | | Indoor Temp. (°C WB) | | | | | | | | | | | | | | | | | | | |
| | | 14 (°C) | | 16 (°C) | | 18 (°C) | | 19.4 (°C) | | 20 (°C) | | 22 (°C) | | 24 (°C) | | | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| | | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| 90% | -5 | 82.99 | 11.51 | 97.86 | 14.23 | 112.46 | 16.94 | 117.00 | 18.28 | 127.92 | 19.53 | 142.61 | 22.45 | 157.71 | 25.22 | | | | | | |
| | 0 | 82.99 | 11.61 | 97.86 | 14.32 | 112.46 | 17.07 | 117.00 | 18.41 | 127.92 | 19.69 | 142.61 | 22.62 | 157.71 | 25.41 | | | | | | |
| | 5 | 82.99 | 11.77 | 97.86 | 14.48 | 112.46 | 17.26 | 117.00 | 18.60 | 127.92 | 19.91 | 142.61 | 22.84 | 157.71 | 25.67 | | | | | | |
| | 10 | 82.99 | 12.44 | 97.86 | 15.22 | 112.46 | 18.08 | 117.00 | 19.52 | 127.92 | 20.97 | 142.61 | 23.96 | 157.71 | 26.95 | | | | | | |
| | 15 | 82.99 | 13.11 | 97.86 | 15.92 | 112.46 | 18.91 | 117.00 | 20.47 | 127.92 | 22.01 | 142.61 | 25.07 | 157.71 | 28.21 | | | | | | |
| | 20 | 82.99 | 13.78 | 97.86 | 16.76 | 112.46 | 19.91 | 117.00 | 21.62 | 127.92 | 23.67 | 142.61 | 28.05 | 157.71 | 32.69 | | | | | | |
| | 25 | 82.99 | 15.33 | 97.86 | 19.43 | 112.46 | 23.85 | 117.00 | 26.22 | 127.92 | 28.71 | 142.61 | 33.96 | 154.75 | 38.17 | | | | | | |
| | 30 | 82.99 | 18.42 | 97.86 | 23.30 | 112.46 | 28.60 | 117.00 | 31.41 | 127.92 | 34.36 | 142.61 | 40.82 | 149.55 | 42.73 | | | | | | |
| | 35 | 82.99 | 21.90 | 97.86 | 27.60 | 112.46 | 33.91 | 117.00 | 37.22 | 127.92 | 40.82 | 140.87 | 46.97 | 144.24 | 47.29 | | | | | | |
| | 41 | 82.99 | 25.22 | 97.86 | 31.98 | 112.46 | 39.34 | 117.00 | 40.61 | 127.92 | 47.29 | 135.57 | 51.01 | 137.71 | 51.53 | | | | | | |
| | 43 | 82.99 | 28.11 | 97.86 | 33.96 | 112.46 | 42.10 | 117.00 | 45.38 | 127.92 | 48.25 | 132.00 | 49.62 | 134.76 | 53.02 | | | | | | |
| 80% | -5 | 73.77 | 10.08 | 86.99 | 12.36 | 99.97 | 14.56 | 104.00 | 15.77 | 113.23 | 16.93 | 126.69 | 19.41 | 140.67 | 21.79 | | | | | | |
| | 0 | 73.77 | 10.18 | 86.99 | 12.46 | 99.97 | 14.68 | 104.00 | 15.90 | 113.23 | 17.09 | 126.69 | 19.57 | 140.67 | 21.98 | | | | | | |
| | 5 | 73.77 | 10.34 | 86.99 | 12.62 | 99.97 | 14.88 | 104.00 | 16.10 | 113.23 | 17.32 | 126.69 | 19.80 | 140.67 | 22.24 | | | | | | |
| | 10 | 73.77 | 10.85 | 86.99 | 13.23 | 99.97 | 15.65 | 104.00 | 16.92 | 113.23 | 18.21 | 126.69 | 20.79 | 140.67 | 23.39 | | | | | | |
| | 15 | 73.77 | 11.35 | 86.99 | 13.84 | 99.97 | 16.44 | 104.00 | 17.75 | 113.23 | 19.09 | 126.69 | 21.80 | 140.67 | 24.57 | | | | | | |
| | 20 | 73.77 | 11.95 | 86.99 | 14.55 | 99.97 | 17.26 | 104.00 | 18.63 | 113.23 | 20.09 | 126.69 | 23.39 | 140.67 | 28.39 | | | | | | |
| | 25 | 73.77 | 12.99 | 86.99 | 16.37 | 99.97 | 20.09 | 104.00 | 22.01 | 113.23 | 24.06 | 126.69 | 28.39 | 140.67 | 35.52 | | | | | | |
| | 30 | 73.77 | 15.65 | 86.99 | 19.69 | 99.97 | 24.06 | 104.00 | 26.44 | 113.23 | 28.82 | 126.69 | 33.96 | 140.67 | 39.55 | | | | | | |
| | 35 | 73.77 | 18.63 | 86.99 | 23.39 | 99.97 | 28.60 | 104.00 | 31.38 | 113.23 | 34.24 | 126.69 | 40.29 | 140.67 | 46.66 | | | | | | |
| | 41 | 73.77 | 21.96 | 86.99 | 26.95 | 99.97 | 33.02 | 104.00 | 36.35 | 113.23 | 39.98 | 126.69 | 46.97 | 134.24 | 50.90 | | | | | | |
| | 43 | 73.77 | 25.61 | 86.99 | 29.43 | 99.97 | 35.13 | 104.00 | 39.66 | 113.23 | 43.90 | 126.69 | 48.46 | 127.72 | 52.17 | | | | | | |
| 70% | -5 | 64.55 | 8.53 | 76.12 | 10.42 | 87.47 | 12.34 | 91.00 | 13.34 | 99.25 | 14.37 | 110.88 | 16.47 | 123.02 | 13.06 | | | | | | |
| | 0 | 64.55 | 8.63 | 76.12 | 10.52 | 87.47 | 12.47 | 91.00 | 13.46 | 99.25 | 14.54 | 110.88 | 16.63 | 123.02 | 13.25 | | | | | | |
| | 5 | 64.55 | 8.79 | 76.12 | 10.68 | 87.47 | 12.66 | 91.00 | 13.66 | 99.25 | 14.76 | 110.88 | 16.86 | 123.02 | 13.51 | | | | | | |
| | 10 | 64.55 | 9.24 | 76.12 | 11.22 | 87.47 | 13.33 | 91.00 | 14.39 | 99.25 | 15.49 | 110.88 | 17.71 | 123.02 | 19.97 | | | | | | |
| | 15 | 64.55 | 9.67 | 76.12 | 11.77 | 87.47 | 14.00 | 91.00 | 15.10 | 99.25 | 16.21 | 110.88 | 18.54 | 123.02 | 20.91 | | | | | | |
| | 20 | 64.55 | 10.18 | 76.12 | 12.39 | 87.47 | 14.73 | 91.00 | 15.88 | 99.25 | 17.10 | 110.88 | 19.52 | 123.02 | 22.24 | | | | | | |
| | 25 | 64.55 | 10.79 | 76.12 | 13.54 | 87.47 | 16.53 | 91.00 | 18.14 | 99.25 | 19.80 | 110.88 | 23.30 | 123.02 | 26.95 | | | | | | |
| | 30 | 64.55 | 13.05 | 76.12 | 16.32 | 87.47 | 19.91 | 91.00 | 21.80 | 99.25 | 23.72 | 110.88 | 27.88 | 123.02 | 32.26 | | | | | | |
| | 35 | 64.55 | 15.61 | 76.12 | 19.43 | 87.47 | 23.62 | 91.00 | 25.88 | 99.25 | 28.14 | 110.88 | 33.08 | 123.02 | 38.38 | | | | | | |
| | 41 | 64.55 | 17.80 | 76.12 | 22.01 | 87.47 | 27.26 | 91.00 | 29.36 | 99.25 | 32.60 | 110.88 | 38.38 | 123.02 | 44.54 | | | | | | |
| | 43 | 64.55 | 18.91 | 76.12 | 23.18 | 87.47 | 30.31 | 91.00 | 32.78 | 99.25 | 35.25 | 110.88 | 41.78 | 123.02 | 48.78 | | | | | | |
| 60% | -5 | 55.33 | 7.04 | 65.24 | 8.65 | 74.97 | 10.20 | 78.00 | 11.14 | 85.69 | 11.84 | 95.17 | 13.55 | 105.38 | 15.25 | | | | | | |
| | 0 | 55.33 | 7.13 | 65.24 | 8.75 | 74.97 | 10.33 | 78.00 | 11.27 | 85.69 | 12.00 | 95.17 | 13.71 | 105.38 | 15.45 | | | | | | |
| | 5 | 55.33 | 7.30 | 65.24 | 8.91 | 74.97 | 10.52 | 78.00 | 11.46 | 85.69 | 12.23 | 95.17 | 13.93 | 105.38 | 15.70 | | | | | | |
| | 10 | 55.33 | 7.69 | 65.24 | 9.35 | 74.97 | 11.07 | 78.00 | 11.95 | 85.69 | 12.84 | 95.17 | 14.66 | 105.38 | 16.53 | | | | | | |
| | 15 | 55.33 | 8.08 | 65.24 | 9.79 | 74.97 | 11.62 | 78.00 | 12.57 | 85.69 | 13.45 | 95.17 | 15.38 | 105.38 | 17.38 | | | | | | |
| | 20 | 55.33 | 8.47 | 65.24 | 10.27 | 74.97 | 12.16 | 78.00 | 13.17 | 85.69 | 14.16 | 95.17 | 16.21 | 105.38 | 18.26 | | | | | | |
| | 25 | 55.33 | 8.91 | 65.24 | 10.95 | 74.97 | 13.33 | 78.00 | 14.55 | 85.69 | 15.88 | 95.17 | 18.60 | 105.38 | 21.46 | | | | | | |
| | 30 | 55.33 | 10.61 | 65.24 | 13.27 | 74.97 | 16.10 | 78.00 | 17.54 | 85.69 | 19.09 | 95.17 | 22.29 | 105.38 | 25.74 | | | | | | |
| | 35 | 55.33 | 12.71 | 65.24 | 15.82 | 74.97 | 19.09 | 78.00 | 20.86 | 85.69 | 22.68 | 95.17 | 26.44 | 105.38 | 30.53 | | | | | | |
| | 41 | 55.33 | 14.48 | 65.24 | 17.98 | 74.97 | 21.90 | 78.00 | 23.96 | 85.69 | 26.11 | 95.17 | 30.58 | 105.38 | 35.41 | | | | | | |
| | 43 | 55.33 | 15.82 | 65.24 | 18.36 | 74.97 | 23.90 | 78.00 | 26.77 | 85.69 | 28.60 | 95.17 | 32.87 | 105.38 | 38.72 | | | | | | |
| 50% | -5 | 46.11 | 5.66 | 54.37 | 7.04 | 62.48 | 8.15 | 65.00 | 8.64 | 71.00 | 9.35 | 79.26 | 10.83 | 87.73 | 12.17 | | | | | | |
| | 0 | 46.11 | 5.76 | 54.37 | 7.13 | 62.48 | 8.28 | 65.00 | 8.77 | 71.00 | 9.51 | 79.26 | 10.99 | 87.73 | 12.36 | | | | | | |
| | 5 | 46.11 | 5.92 | 54.37 | 7.30 | 62.48 | 8.47 | 65.00 | 8.96 | 71.00 | 9.73 | 79.26 | 11.22 | 87.73 | 12.62 | | | | | | |
| | 10 | 46.11 | 6.19 | 54.37 | 7.53 | 62.48 | 8.91 | 65.00 | 9.58 | 71.00 | 10.27 | 79.26 | 11.77 | 87.73 | 13.27 | | | | | | |
| | 15 | 46.11 | 6.47 | 54.37 | 7.74 | 62.48 | 9.35 | 65.00 | 10.06 | 71.00 | 10.85 | 79.26 | 12.34 | 87.73 | 13.93 | | | | | | |
| | 20 | 46.11 | 6.80 | 54.37 | 8.29 | 62.48 | 9.79 | 65.00 | 10.57 | 71.00 | 11.35 | 79.26 | 12.99 | 87.73 | 14.66 | | | | | | |
| | 25 | 46.11 | 7.19 | 54.37 | 8.68 | 62.48 | 10.34 | 65.00 | 11.28 | 71.00 | 12.29 | 79.26 | 14.33 | 87.73 | 16.49 | | | | | | |
| | 30 | 46.11 | 8.41 | 54.37 | 10.40 | 62.48 | 12.50 | 65.00 | 13.66 | 71.00 | 14.82 | 79.26 | 17.32 | 87.73 | 19.80 | | | | | | |
| | 35 | 46.11 | 10.13 | 54.37 | 12.44 | 62.48 | 14.99 | 6 | | | | | | | | | | | | | |

| | | YCVI350HR | | | | | | Cooling Capacity | | | | | | | | | | | | | |
|---------------------|----------------------|-----------------------|-------|---------|-------|---------|-------|------------------|-------|---------|-------|---------|-------|---------|-------|----|----|----|----|----|----|
| Capacity Factor (%) | Outdoor Temp (°C WB) | Indoor Temp. (°C WB) | | | | | | | | | | | | | | | | | | | |
| | | 14 (°C) | | 16 (°C) | | 18 (°C) | | 19.4 (°C) | | 20 (°C) | | 22 (°C) | | 24 (°C) | | TC | PI | TC | PI | TC | PI |
| | | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | TC | PI | TC | PI | TC | PI |
| 130% | -5 | 125.90 | 18.88 | 148.79 | 23.17 | 171.37 | 27.33 | 182.82 | 31.00 | 190.24 | 30.14 | 195.81 | 27.33 | 199.83 | 24.46 | | | | | | |
| | 0 | 125.90 | 18.97 | 148.79 | 23.26 | 171.37 | 27.46 | 182.82 | 31.12 | 190.24 | 30.30 | 195.81 | 27.49 | 199.83 | 24.65 | | | | | | |
| | 5 | 125.90 | 19.13 | 148.79 | 23.42 | 171.37 | 27.65 | 182.82 | 31.31 | 190.24 | 30.53 | 195.81 | 27.72 | 199.83 | 24.91 | | | | | | |
| | 10 | 125.90 | 20.17 | 148.79 | 24.56 | 171.37 | 29.04 | 182.82 | 31.28 | 184.67 | 30.68 | 189.00 | 29.26 | 194.26 | 27.84 | | | | | | |
| | 15 | 125.90 | 21.18 | 148.79 | 25.73 | 171.37 | 30.40 | 176.63 | 31.22 | 179.10 | 30.87 | 182.82 | 30.81 | 188.69 | 30.97 | | | | | | |
| | 20 | 125.90 | 22.35 | 148.79 | 28.69 | 169.51 | 34.98 | 171.37 | 35.17 | 173.23 | 35.32 | 177.25 | 35.67 | 182.51 | 36.02 | | | | | | |
| | 25 | 125.90 | 27.08 | 148.79 | 34.69 | 163.33 | 39.77 | 165.18 | 39.77 | 167.66 | 40.09 | 171.99 | 40.41 | 176.94 | 41.04 | | | | | | |
| | 30 | 125.90 | 32.14 | 148.79 | 41.57 | 157.76 | 44.83 | 159.62 | 44.83 | 162.09 | 44.83 | 165.80 | 45.14 | 171.37 | 46.72 | | | | | | |
| | 35 | 125.90 | 38.51 | 147.55 | 48.61 | 152.19 | 49.24 | 154.05 | 49.56 | 155.90 | 49.88 | 160.23 | 50.19 | 165.18 | 50.82 | | | | | | |
| | 41 | 125.90 | 43.56 | 142.60 | 52.09 | 146.62 | 52.72 | 148.48 | 53.03 | 150.95 | 53.35 | 154.67 | 54.30 | 160.23 | 54.93 | | | | | | |
| | 43 | 125.90 | 47.04 | 139.20 | 53.66 | 142.91 | 54.61 | 145.39 | 55.56 | 147.86 | 56.19 | 151.57 | 57.01 | 156.52 | 57.83 | | | | | | |
| 120% | -5 | 116.31 | 17.55 | 137.03 | 20.99 | 158.38 | 23.58 | 168.28 | 26.77 | 180.96 | 29.04 | 191.48 | 29.45 | 196.12 | 27.14 | | | | | | |
| | 0 | 116.31 | 17.64 | 137.03 | 21.09 | 158.38 | 23.71 | 168.28 | 26.89 | 180.96 | 29.20 | 191.48 | 29.61 | 196.12 | 27.34 | | | | | | |
| | 5 | 116.31 | 17.80 | 137.03 | 21.24 | 158.38 | 23.90 | 168.28 | 27.08 | 180.96 | 29.42 | 191.48 | 29.83 | 196.12 | 27.59 | | | | | | |
| | 10 | 116.31 | 18.28 | 137.03 | 22.35 | 158.38 | 26.39 | 168.28 | 28.47 | 178.49 | 30.53 | 185.91 | 30.30 | 190.55 | 28.98 | | | | | | |
| | 15 | 116.31 | 19.19 | 137.03 | 23.42 | 158.38 | 27.78 | 168.28 | 29.83 | 176.63 | 31.31 | 180.34 | 30.75 | 184.98 | 30.37 | | | | | | |
| | 20 | 116.31 | 20.17 | 137.03 | 25.38 | 158.38 | 31.57 | 168.28 | 34.82 | 170.75 | 35.10 | 174.15 | 35.39 | 178.79 | 35.73 | | | | | | |
| | 25 | 116.31 | 24.05 | 137.03 | 30.75 | 158.38 | 38.13 | 162.71 | 39.77 | 165.18 | 39.77 | 168.90 | 40.09 | 173.23 | 40.41 | | | | | | |
| | 30 | 116.31 | 28.22 | 137.03 | 36.78 | 154.67 | 44.19 | 157.14 | 44.51 | 159.62 | 44.51 | 162.71 | 45.14 | 167.04 | 45.46 | | | | | | |
| | 35 | 116.31 | 34.19 | 137.03 | 43.63 | 149.10 | 48.93 | 151.57 | 49.24 | 153.43 | 49.56 | 157.14 | 49.88 | 161.47 | 50.51 | | | | | | |
| | 41 | 116.31 | 39.14 | 137.03 | 50.82 | 143.53 | 52.09 | 145.39 | 52.09 | 147.86 | 52.09 | 151.57 | 54.30 | 155.90 | 54.30 | | | | | | |
| | 43 | 116.31 | 41.98 | 137.03 | 53.35 | 140.44 | 53.66 | 142.29 | 54.61 | 144.15 | 55.56 | 147.86 | 56.51 | 152.81 | 57.29 | | | | | | |
| 110% | -5 | 106.41 | 15.37 | 125.90 | 18.88 | 144.77 | 22.35 | 154.05 | 24.30 | 163.95 | 25.91 | 188.38 | 31.12 | 193.64 | 29.23 | | | | | | |
| | 0 | 106.41 | 15.47 | 125.90 | 18.97 | 144.77 | 22.47 | 154.05 | 24.43 | 163.95 | 26.07 | 188.38 | 31.28 | 193.64 | 29.42 | | | | | | |
| | 5 | 106.41 | 15.63 | 125.90 | 19.13 | 144.77 | 22.67 | 154.05 | 24.62 | 163.95 | 26.30 | 188.38 | 31.50 | 193.64 | 29.67 | | | | | | |
| | 10 | 106.41 | 16.45 | 125.90 | 20.11 | 144.77 | 23.83 | 154.05 | 25.73 | 163.95 | 27.59 | 182.82 | 31.31 | 187.46 | 30.18 | | | | | | |
| | 15 | 106.41 | 17.24 | 125.90 | 21.09 | 144.77 | 24.97 | 154.05 | 26.80 | 163.95 | 28.92 | 176.63 | 31.16 | 181.27 | 30.68 | | | | | | |
| | 20 | 106.41 | 18.15 | 125.90 | 22.22 | 144.77 | 27.59 | 154.05 | 30.40 | 163.95 | 33.40 | 171.37 | 35.17 | 175.70 | 35.45 | | | | | | |
| | 25 | 106.41 | 21.18 | 125.90 | 26.96 | 144.77 | 33.40 | 154.05 | 39.62 | 159.62 | 41.35 | 163.33 | 41.67 | 167.66 | 42.30 | | | | | | |
| | 30 | 106.41 | 25.44 | 125.90 | 32.29 | 144.77 | 40.09 | 154.05 | 43.88 | 155.29 | 44.19 | 159.62 | 44.83 | 163.95 | 45.14 | | | | | | |
| | 35 | 106.41 | 30.12 | 125.90 | 38.32 | 144.77 | 47.35 | 148.48 | 48.93 | 150.34 | 48.93 | 154.05 | 49.56 | 158.38 | 49.88 | | | | | | |
| | 41 | 106.41 | 34.94 | 125.90 | 44.60 | 140.44 | 52.72 | 142.91 | 53.03 | 144.77 | 52.72 | 147.86 | 53.98 | 152.81 | 54.93 | | | | | | |
| | 43 | 106.41 | 37.88 | 125.90 | 47.67 | 136.73 | 52.40 | 139.82 | 53.66 | 141.67 | 55.24 | 144.77 | 55.87 | 149.10 | 57.14 | | | | | | |
| 100% | -5 | 96.82 | 14.30 | 114.14 | 16.82 | 131.16 | 20.17 | 135.00 | 21.56 | 149.10 | 23.04 | 166.42 | 26.29 | 189.93 | 31.06 | | | | | | |
| | 0 | 96.82 | 14.39 | 114.14 | 16.92 | 131.16 | 20.30 | 135.00 | 21.69 | 149.10 | 23.20 | 166.42 | 26.45 | 189.93 | 31.25 | | | | | | |
| | 5 | 96.82 | 14.55 | 114.14 | 17.08 | 131.16 | 20.49 | 135.00 | 21.88 | 149.10 | 23.42 | 166.42 | 26.67 | 189.93 | 31.50 | | | | | | |
| | 10 | 96.82 | 14.65 | 114.14 | 17.93 | 131.16 | 21.24 | 135.00 | 22.95 | 149.10 | 24.62 | 166.42 | 28.06 | 183.74 | 31.31 | | | | | | |
| | 15 | 96.82 | 15.34 | 114.14 | 18.78 | 131.16 | 22.29 | 135.00 | 24.05 | 149.10 | 25.82 | 166.42 | 29.42 | 177.56 | 31.16 | | | | | | |
| | 20 | 96.82 | 16.16 | 114.14 | 19.76 | 131.16 | 23.83 | 135.00 | 26.30 | 149.10 | 28.82 | 166.42 | 34.19 | 171.99 | 35.17 | | | | | | |
| | 25 | 96.82 | 18.44 | 114.14 | 23.42 | 131.16 | 28.92 | 135.00 | 31.85 | 149.10 | 34.88 | 162.71 | 39.46 | 166.42 | 39.77 | | | | | | |
| | 30 | 96.82 | 22.03 | 114.14 | 28.06 | 131.16 | 34.60 | 135.00 | 38.07 | 149.10 | 41.35 | 156.52 | 44.19 | 160.23 | 44.83 | | | | | | |
| | 35 | 96.82 | 26.30 | 114.14 | 33.33 | 131.16 | 41.07 | 135.00 | 42.30 | 147.86 | 48.61 | 150.95 | 49.24 | 154.67 | 49.56 | | | | | | |
| | 41 | 96.82 | 30.40 | 114.14 | 38.39 | 131.16 | 47.70 | 134.40 | 50.51 | 142.29 | 53.03 | 145.39 | 53.35 | 149.10 | 53.98 | | | | | | |
| | 43 | 96.82 | 33.33 | 114.14 | 41.29 | 131.16 | 50.63 | 133.50 | 52.40 | 138.58 | 53.66 | 142.29 | 54.93 | 146.01 | 55.87 | | | | | | |

To be continued

Continued

| Capacity Factor (%) | YCVI350HR | | | | | | | | | | | | Cooling Capacity | | | | | | | | | |
|---------------------|----------------------|-------|----------------------|--------|---------|--------|---------|--------|-----------|--------|---------|--------|------------------|--------|---------|--------|-------|--------|-------|------------|-------|--|
| | Outdoor Temp (°C WB) | | Indoor Temp. (°C WB) | | | | | | | | | | | | | | | | | | | |
| | | | 14 (°C) | | 16 (°C) | | 18 (°C) | | 19.4 (°C) | | 20 (°C) | | 22 (°C) | | 24 (°C) | | | | | | | |
| | | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | | |
| | | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | | |
| 90% | -5 | 87.14 | 11.93 | 102.73 | 14.74 | 118.04 | 17.55 | 121.50 | 18.94 | 134.25 | 20.23 | 149.72 | 23.26 | 165.80 | 26.13 | 182.25 | 28.50 | 198.75 | 30.85 | 215.25 | 33.20 | |
| | 0 | 87.14 | 12.03 | 102.73 | 14.84 | 118.04 | 17.68 | 121.50 | 19.07 | 134.25 | 20.39 | 149.72 | 23.42 | 165.80 | 26.33 | 182.25 | 28.65 | 198.75 | 30.95 | 215.25 | 33.35 | |
| | 5 | 87.14 | 12.18 | 102.73 | 14.99 | 118.04 | 17.87 | 121.50 | 19.26 | 134.25 | 20.61 | 149.72 | 23.64 | 165.80 | 26.58 | 182.25 | 28.80 | 198.75 | 31.15 | 215.25 | 33.55 | |
| | 10 | 87.14 | 12.88 | 102.73 | 15.75 | 118.04 | 18.72 | 121.50 | 20.20 | 134.25 | 21.72 | 149.72 | 24.81 | 165.80 | 27.91 | 182.25 | 30.00 | 198.75 | 32.35 | 215.25 | 34.75 | |
| | 15 | 87.14 | 13.57 | 102.73 | 16.48 | 118.04 | 19.57 | 121.50 | 21.18 | 134.25 | 22.79 | 149.72 | 25.95 | 165.80 | 29.20 | 182.25 | 30.65 | 198.75 | 33.75 | 215.25 | 35.55 | |
| | 20 | 87.14 | 14.27 | 102.73 | 17.36 | 118.04 | 20.61 | 121.50 | 22.38 | 134.25 | 24.50 | 149.72 | 29.04 | 165.80 | 33.84 | 182.25 | 31.95 | 198.75 | 35.55 | 215.25 | 36.84 | |
| | 25 | 87.14 | 15.88 | 102.73 | 20.11 | 118.04 | 24.69 | 121.50 | 27.15 | 134.25 | 29.74 | 149.72 | 35.17 | 165.80 | 39.46 | 182.25 | 33.65 | 198.75 | 37.35 | 215.25 | 39.46 | |
| | 30 | 87.14 | 19.07 | 102.73 | 24.12 | 118.04 | 29.61 | 121.50 | 32.51 | 134.25 | 35.58 | 149.72 | 42.30 | 165.80 | 44.19 | 182.25 | 35.35 | 198.75 | 39.35 | 215.25 | 44.19 | |
| | 35 | 87.14 | 22.67 | 102.73 | 28.57 | 118.04 | 35.10 | 121.50 | 38.51 | 134.25 | 42.30 | 149.72 | 48.61 | 165.80 | 48.93 | 182.25 | 37.35 | 198.75 | 41.35 | 215.25 | 48.93 | |
| | 41 | 87.14 | 26.11 | 102.73 | 33.11 | 118.04 | 40.72 | 121.50 | 41.98 | 134.25 | 48.93 | 149.72 | 52.72 | 165.80 | 53.35 | 182.25 | 39.35 | 198.75 | 44.75 | 215.25 | 53.35 | |
| | 43 | 87.14 | 29.10 | 102.73 | 35.17 | 118.04 | 43.56 | 121.50 | 47.04 | 134.25 | 49.88 | 149.72 | 51.45 | 165.80 | 54.93 | 182.25 | 41.75 | 198.75 | 46.75 | 215.25 | 54.93 | |
| 80% | -5 | 77.46 | 10.45 | 91.32 | 12.81 | 104.93 | 15.09 | 108.00 | 16.35 | 118.78 | 17.55 | 133.01 | 20.11 | 147.86 | 22.57 | 162.25 | 24.86 | 177.75 | 27.14 | 192.25 | 29.54 | |
| | 0 | 77.46 | 10.54 | 91.32 | 12.91 | 104.93 | 15.21 | 108.00 | 16.48 | 118.78 | 17.71 | 133.01 | 20.26 | 147.86 | 22.76 | 162.25 | 25.01 | 177.75 | 27.35 | 192.25 | 29.75 | |
| | 5 | 77.46 | 10.70 | 91.32 | 13.07 | 104.93 | 15.40 | 108.00 | 16.67 | 118.78 | 17.93 | 133.01 | 20.49 | 147.86 | 23.01 | 162.25 | 25.35 | 177.75 | 27.65 | 192.25 | 29.95 | |
| | 10 | 77.46 | 11.24 | 91.32 | 13.70 | 104.93 | 16.19 | 108.00 | 17.52 | 118.78 | 18.85 | 133.01 | 21.53 | 147.86 | 24.21 | 162.25 | 26.01 | 177.75 | 28.01 | 192.25 | 29.95 | |
| | 15 | 77.46 | 11.74 | 91.32 | 14.33 | 104.93 | 17.01 | 108.00 | 18.37 | 118.78 | 19.76 | 133.01 | 22.57 | 147.86 | 25.44 | 162.25 | 26.65 | 177.75 | 28.35 | 192.25 | 29.95 | |
| | 20 | 77.46 | 12.37 | 91.32 | 15.06 | 104.93 | 17.87 | 108.00 | 19.29 | 118.78 | 20.80 | 133.01 | 24.21 | 147.86 | 29.39 | 162.25 | 27.01 | 177.75 | 29.95 | 192.25 | 30.39 | |
| | 25 | 77.46 | 13.45 | 91.32 | 16.95 | 104.93 | 20.80 | 108.00 | 22.79 | 118.78 | 24.91 | 133.01 | 29.39 | 147.86 | 36.78 | 162.25 | 28.01 | 177.75 | 30.35 | 192.25 | 30.35 | |
| | 30 | 77.46 | 16.19 | 91.32 | 20.39 | 104.93 | 24.91 | 108.00 | 27.37 | 118.78 | 29.83 | 133.01 | 35.17 | 147.86 | 41.04 | 162.25 | 30.01 | 177.75 | 30.35 | 192.25 | 41.04 | |
| | 35 | 77.46 | 19.29 | 91.32 | 24.21 | 104.93 | 29.61 | 108.00 | 32.48 | 118.78 | 35.45 | 133.01 | 41.67 | 147.86 | 48.30 | 162.25 | 30.65 | 177.75 | 30.35 | 192.25 | 48.30 | |
| | 41 | 77.46 | 22.73 | 91.32 | 27.91 | 104.93 | 34.19 | 108.00 | 37.63 | 118.78 | 41.35 | 133.01 | 48.61 | 141.06 | 52.72 | 162.25 | 31.35 | 177.75 | 30.35 | 192.25 | 52.72 | |
| | 43 | 77.46 | 26.52 | 91.32 | 30.46 | 104.93 | 36.37 | 108.00 | 41.04 | 118.78 | 45.46 | 133.01 | 50.19 | 134.25 | 53.98 | 162.25 | 31.35 | 177.75 | 30.35 | 192.25 | 53.98 | |
| 70% | -5 | 67.77 | 8.84 | 79.90 | 10.79 | 91.81 | 12.78 | 94.50 | 13.82 | 104.25 | 14.90 | 116.31 | 17.07 | 129.30 | 13.54 | 144.25 | 15.81 | 159.25 | 17.71 | 174.25 | 19.66 | |
| | 0 | 67.77 | 8.93 | 79.90 | 10.89 | 91.81 | 12.91 | 94.50 | 13.95 | 104.25 | 15.06 | 116.31 | 17.23 | 129.30 | 13.73 | 144.25 | 16.00 | 159.25 | 17.86 | 174.25 | 19.86 | |
| | 5 | 67.77 | 9.09 | 79.90 | 11.05 | 91.81 | 13.10 | 94.50 | 14.14 | 104.25 | 15.28 | 116.31 | 17.46 | 129.30 | 13.98 | 144.25 | 17.11 | 159.25 | 18.01 | 174.25 | 20.68 | |
| | 10 | 67.77 | 9.56 | 79.90 | 11.62 | 91.81 | 13.79 | 94.50 | 14.90 | 104.25 | 16.04 | 116.31 | 18.34 | 129.30 | 21.66 | 144.25 | 21.01 | 159.25 | 22.01 | 174.25 | 23.01 | |
| | 15 | 67.77 | 10.01 | 79.90 | 12.18 | 91.81 | 14.49 | 94.50 | 15.63 | 104.25 | 16.79 | 116.31 | 19.19 | 129.30 | 21.66 | 144.25 | 21.66 | 159.25 | 22.66 | 174.25 | 23.66 | |
| | 20 | 67.77 | 10.54 | 79.90 | 12.82 | 91.81 | 15.25 | 94.50 | 16.45 | 104.25 | 17.71 | 116.31 | 20.20 | 129.30 | 23.01 | 144.25 | 22.01 | 159.25 | 23.01 | 174.25 | 23.01 | |
| | 25 | 67.77 | 11.17 | 79.90 | 14.02 | 91.81 | 17.11 | 94.50 | 18.78 | 104.25 | 20.49 | 116.31 | 24.12 | 129.30 | 27.91 | 144.25 | 24.12 | 159.25 | 28.50 | 174.25 | 29.50 | |
| | 30 | 67.77 | 13.51 | 79.90 | 16.89 | 91.81 | 20.61 | 94.50 | 22.57 | 104.25 | 24.56 | 116.31 | 28.85 | 129.30 | 33.40 | 144.25 | 28.85 | 159.25 | 31.35 | 174.25 | 33.40 | |
| | 35 | 67.77 | 16.16 | 79.90 | 20.11 | 91.81 | 24.46 | 94.50 | 26.80 | 104.25 | 29.14 | 116.31 | 34.25 | 129.30 | 39.77 | 144.25 | 34.25 | 159.25 | 36.65 | 174.25 | 39.77 | |
| | 41 | 67.77 | 18.44 | 79.90 | 22.79 | 91.81 | 28.22 | 94.50 | 30.40 | 104.25 | 33.75 | 116.31 | 39.77 | 129.30 | 46.09 | 144.25 | 34.03 | 159.25 | 40.09 | 174.25 | 40.09 | |
| | 43 | 67.77 | 19.57 | 79.90 | 23.99 | 91.81 | 31.38 | 94.50 | 33.93 | 104.25 | 36.49 | 116.31 | 43.25 | 129.30 | 50.51 | 144.25 | 34.35 | 159.25 | 40.51 | 174.25 | 40.51 | |
| 60% | -5 | 58.09 | 7.29 | 68.49 | 8.96 | 78.69 | 10.57 | 81.00 | 11.55 | 90.02 | 12.28 | 99.91 | 14.04 | 110.74 | 15.81 | 124.25 | 16.00 | 139.25 | 17.71 | 154.25 | 19.66 | |
| | 0 | 58.09 | 7.39 | 68.49 | 9.06 | 78.69 | 10.70 | 81.00 | 11.68 | 90.02 | 12.44 | 99.91 | 14.20 | 110.74 | 16.00 | 124.25 | 17.11 | 139.25 | 18.01 | 154.25 | 19.86 | |
| | 5 | 58.09 | 7.54 | 68.49 | 9.22 | 78.69 | 10.89 | 81.00 | 11.87 | 90.02 | 12.66 | 99.91 | 14.43 | 110.74 | 16.26 | 124.25 | 17.35 | 139.25 | 18.81 | 154.25 | 20.01 | |
| | 10 | 58.09 | 7.95 | 68.49 | 9.69 | 78.69 | 11.46 | 81.00 | 12.37 | 90.02 | 13.29 | 99.91 | 15.18 | 110.74 | 17.11 | 124.25 | 18.01 | 139.25 | 17.99 | 154.25 | 19.86 | |
| | 15 | 58.09 | 8.37 | 68.49 | 10.13 | 78.69 | 12.03 | 81.00 | 13.01 | 90.02 | 13.92 | 99.91 | 15.91 | 110.74 | 17.99 | 124.25 | 18.65 | 139.25 | 20.35 | 154.25 | 21.35 | |
| | 20 | 58.09 | 8.78 | 68.49 | 10.64 | 78.69 | 12.60 | 81.00 | 13.64 | 90.02 | 14.65 | 99.91 | 16.79 | 110.74 | 18.91 | 124.25 | 19.35 | 139.25 | 22.22 | 154.25 | 22.22 | |
| | 25 | 58.09 | 9.22 | 68.49 | 11.33 | 78.69 | 13.79 | 81.00 | 15.06 | 90.02 | 16.45 | 99.91 | 19.26 | 110.74 | 22.22 | 124.25 | 23.01 | 139.25 | 26.64 | 154.25 | 23.01 | |
| | 30 | 58.09 | 10.99 | 68.49 | 13.73 | 78.69 | 16.67 | 81.00 | 18.15 | 90.02 | 19.76 | 99.91 | 23.08 | 110.74 | 26.64 | 124.25 | 23.64 | 139.25 | 31.60 | 154.25 | 23.64 | |
| | 35 | 58.09 | 13.16 | 68.49 | 16.38 | 78.69 | 19.76 | 81.00 | 21.59 | 90.02 | 23.49 | 99.91 | 27.37 | 110.74 | 31.60 | 124.25 | 24.35 | 139.25 | 31.66 | 154.25 | 31.66 | |
| | 41 | 58.09 | 14.99 | 68.49 | 18.62 | 78.69 | 22.67 | 81.00 | 24.81 | 90.02 | 27.02 | 99.91 | 31.66 | 110.74 | 36.65 | 124.25 | 24.40 | 139.25 | 40.09 | 154.25</td | | |

| | | YCV280HR | | | | | | | | Heating Capacity | | | | | | | | | | |
|---------------------|---------------|----------------------|-------|-------|-------|-------|-------|-------|-------|------------------|-------|-------|-------|------|----|----|----|----|----|----|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | |
| 130 | °C DB | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| | -14.7 | -15 | 20.10 | 4.96 | 20.10 | 5.25 | 20.10 | 5.54 | 20.00 | 5.69 | 20.00 | 5.84 | 20.00 | 6.13 | | | | | | |
| | -12.6 | -13 | 21.10 | 5.26 | 21.10 | 5.54 | 21.10 | 5.82 | 21.10 | 5.95 | 21.10 | 6.09 | 21.10 | 6.36 | | | | | | |
| | -10.5 | -11 | 22.20 | 5.53 | 22.20 | 5.80 | 22.20 | 6.05 | 22.20 | 6.18 | 22.20 | 6.32 | 22.20 | 6.56 | | | | | | |
| | -9.5 | -10 | 22.80 | 5.66 | 22.80 | 5.91 | 22.80 | 6.16 | 22.80 | 6.29 | 22.80 | 6.42 | 22.80 | 6.68 | | | | | | |
| | -8.5 | -9.1 | 23.30 | 5.77 | 23.30 | 6.02 | 23.30 | 6.26 | 23.30 | 6.38 | 23.30 | 6.49 | 23.30 | 6.75 | | | | | | |
| | -7 | -7.6 | 24.20 | 5.93 | 24.20 | 6.17 | 24.20 | 6.41 | 24.20 | 6.56 | 24.20 | 6.62 | 24.20 | 6.88 | | | | | | |
| | -5 | -5.6 | 25.20 | 6.13 | 25.20 | 6.36 | 25.20 | 6.56 | 25.20 | 6.68 | 25.20 | 6.81 | 25.20 | 7.01 | | | | | | |
| | -3 | -3.7 | 26.20 | 6.31 | 26.20 | 6.49 | 26.20 | 6.75 | 26.20 | 6.88 | 26.20 | 6.94 | 26.20 | 7.20 | | | | | | |
| | 0 | -0.7 | 27.90 | 6.56 | 27.90 | 6.75 | 27.90 | 6.94 | 27.90 | 7.07 | 27.90 | 7.13 | 27.90 | 7.33 | | | | | | |
| | 3 | 2.2 | 29.30 | 6.75 | 29.30 | 6.94 | 29.30 | 7.13 | 29.30 | 7.20 | 29.30 | 7.33 | 29.30 | 7.52 | | | | | | |
| | 5 | 4.1 | 30.50 | 6.88 | 30.50 | 7.07 | 30.50 | 7.26 | 30.50 | 7.33 | 30.50 | 7.46 | 30.50 | 7.58 | | | | | | |
| | 8.3 | 6.1 | 31.50 | 7.01 | 31.50 | 7.20 | 31.50 | 7.33 | 31.50 | 7.46 | 31.50 | 7.52 | 31.50 | 7.71 | | | | | | |
| | 9 | 7.9 | 32.60 | 7.07 | 32.50 | 7.26 | 32.50 | 7.46 | 32.50 | 7.52 | 32.50 | 7.58 | 32.50 | 7.78 | | | | | | |
| | 11 | 9.8 | 33.60 | 7.20 | 33.60 | 7.33 | 33.60 | 7.52 | 33.60 | 7.58 | 33.60 | 7.71 | 33.60 | 7.84 | | | | | | |
| | 13 | 11.8 | 34.70 | 7.26 | 34.70 | 7.46 | 34.70 | 7.58 | 34.70 | 7.71 | 34.70 | 7.78 | 34.70 | 7.91 | | | | | | |
| | 15 | 13.7 | 35.70 | 7.39 | 35.70 | 7.52 | 35.70 | 7.65 | 35.70 | 7.68 | 35.70 | 7.78 | 35.70 | 7.84 | | | | | | |
| | 19 | 14.2 | 35.70 | 7.46 | 35.70 | 7.60 | 35.70 | 7.72 | 35.70 | 7.84 | 35.70 | 7.91 | 35.70 | 7.96 | | | | | | |
| | 21 | 15 | 35.70 | 7.51 | 35.70 | 7.67 | 35.70 | 7.79 | 35.70 | 7.89 | 35.70 | 7.99 | 35.70 | 7.61 | | | | | | |
| 120 | °C DB | 20.10 | 5.35 | 20.00 | 5.62 | 20.00 | 5.89 | 20.00 | 6.03 | 20.00 | 6.16 | 20.00 | 6.43 | | | | | | | |
| | -14.7 | -15 | 21.10 | 5.64 | 21.10 | 5.89 | 21.10 | 6.14 | 21.10 | 6.27 | 21.10 | 6.40 | 21.10 | 6.68 | | | | | | |
| | -12.6 | -13 | 22.20 | 5.89 | 22.20 | 6.13 | 22.20 | 6.36 | 22.20 | 6.49 | 22.20 | 6.62 | 22.20 | 6.88 | | | | | | |
| | -10.5 | -11 | 22.80 | 6.00 | 22.80 | 6.23 | 22.80 | 6.49 | 22.80 | 6.56 | 22.80 | 6.68 | 22.80 | 6.94 | | | | | | |
| | -9.5 | -10 | 23.30 | 6.10 | 23.30 | 6.32 | 23.30 | 6.56 | 23.30 | 6.68 | 23.30 | 6.81 | 23.30 | 7.01 | | | | | | |
| | -8.5 | -9.1 | 24.20 | 6.25 | 24.20 | 6.49 | 24.20 | 6.68 | 24.20 | 6.81 | 24.20 | 6.88 | 24.20 | 7.13 | | | | | | |
| | -7 | -7.6 | 25.20 | 6.43 | 25.20 | 6.62 | 25.20 | 6.88 | 25.20 | 6.94 | 25.20 | 7.07 | 25.20 | 7.26 | | | | | | |
| | -5 | -5.6 | 26.20 | 6.62 | 26.20 | 6.81 | 26.20 | 7.01 | 26.20 | 7.07 | 26.20 | 7.20 | 26.20 | 7.39 | | | | | | |
| | 0 | -0.7 | 27.90 | 6.81 | 27.90 | 7.01 | 27.90 | 7.20 | 27.90 | 7.26 | 27.90 | 7.39 | 27.90 | 7.58 | | | | | | |
| | 3 | 2.2 | 29.30 | 7.01 | 29.30 | 7.20 | 29.30 | 7.39 | 29.30 | 7.46 | 29.30 | 7.52 | 29.30 | 7.71 | | | | | | |
| | 5 | 4.1 | 30.50 | 7.13 | 30.50 | 7.26 | 30.50 | 7.46 | 30.50 | 7.52 | 30.50 | 7.65 | 30.50 | 7.78 | | | | | | |
| | 8.3 | 6.1 | 31.50 | 7.20 | 31.50 | 7.39 | 31.50 | 7.58 | 31.50 | 7.65 | 31.50 | 7.71 | 31.50 | 7.91 | | | | | | |
| | 9 | 7.9 | 32.50 | 7.33 | 32.50 | 7.46 | 32.50 | 7.65 | 32.50 | 7.71 | 32.50 | 7.78 | 32.50 | 7.97 | | | | | | |
| | 11 | 9.8 | 33.60 | 7.39 | 33.60 | 7.58 | 33.60 | 7.71 | 33.60 | 7.78 | 33.60 | 7.84 | 33.60 | 7.91 | | | | | | |
| | 13 | 11.8 | 34.70 | 7.52 | 34.70 | 7.65 | 34.70 | 7.78 | 34.70 | 7.84 | 34.70 | 7.91 | 34.70 | 7.97 | | | | | | |
| | 15 | 13.7 | 35.70 | 7.58 | 35.70 | 7.71 | 35.70 | 7.84 | 35.70 | 7.91 | 35.70 | 7.78 | 35.70 | 7.93 | | | | | | |
| | 19 | 14.2 | 35.70 | 7.65 | 35.70 | 7.78 | 35.70 | 7.85 | 35.70 | 7.83 | 35.70 | 7.65 | 35.70 | 6.96 | | | | | | |
| | 21 | 15 | 35.70 | 7.73 | 35.70 | 7.84 | 35.70 | 7.90 | 35.70 | 7.77 | 35.70 | 7.41 | 35.70 | 6.84 | | | | | | |
| 110 | °C DB | 20.00 | 5.75 | 20.00 | 6.00 | 20.00 | 6.23 | 20.00 | 6.36 | 20.00 | 6.49 | 20.00 | 6.75 | | | | | | | |
| | -14.7 | -15 | 21.10 | 6.01 | 21.10 | 6.24 | 21.10 | 6.49 | 21.10 | 6.62 | 21.10 | 6.68 | 21.10 | 6.94 | | | | | | |
| | -12.6 | -13 | 22.20 | 6.23 | 22.20 | 6.43 | 22.20 | 6.68 | 22.20 | 6.81 | 22.20 | 6.88 | 22.20 | 7.13 | | | | | | |
| | -10.5 | -11 | 22.80 | 6.34 | 22.80 | 6.56 | 22.80 | 6.75 | 22.80 | 6.88 | 22.80 | 7.01 | 22.80 | 7.20 | | | | | | |
| | -9.5 | -10 | 23.30 | 6.43 | 23.30 | 6.62 | 23.30 | 6.88 | 23.30 | 6.94 | 23.30 | 7.07 | 23.30 | 7.26 | | | | | | |
| | -8.5 | -9.1 | 24.20 | 6.56 | 24.20 | 6.75 | 24.20 | 6.94 | 24.20 | 7.13 | 24.20 | 7.20 | 24.20 | 7.39 | | | | | | |
| | -7 | -7.6 | 25.20 | 6.75 | 25.20 | 6.94 | 25.20 | 7.13 | 25.20 | 7.20 | 25.20 | 7.33 | 25.20 | 7.52 | | | | | | |
| | -5 | -5.6 | 26.20 | 6.88 | 26.20 | 7.07 | 26.20 | 7.26 | 26.20 | 7.33 | 26.20 | 7.46 | 26.20 | 7.58 | | | | | | |
| | 0 | -0.7 | 27.90 | 7.07 | 27.80 | 7.26 | 27.80 | 7.46 | 27.80 | 7.52 | 27.80 | 7.58 | 27.80 | 7.78 | | | | | | |
| | 3 | 2.2 | 29.30 | 7.26 | 29.30 | 7.46 | 29.30 | 7.58 | 29.30 | 7.65 | 29.30 | 7.78 | 29.30 | 7.91 | | | | | | |
| | 5 | 4.1 | 30.50 | 7.39 | 30.50 | 7.52 | 30.50 | 7.65 | 30.50 | 7.78 | 30.50 | 7.84 | 30.50 | 7.91 | | | | | | |
| | 8.3 | 6.1 | 31.50 | 7.46 | 31.50 | 7.58 | 31.50 | 7.78 | 31.50 | 7.84 | 31.50 | 7.91 | 31.50 | 7.98 | | | | | | |
| | 9 | 7.9 | 32.50 | 7.58 | 32.50 | 7.71 | 32.50 | 7.84 | 32.50 | 7.91 | 32.50 | 7.98 | 32.50 | 7.98 | | | | | | |
| | 11 | 9.8 | 33.60 | 7.65 | 33.60 | 7.78 | 33.60 | 7.91 | 33.60 | 7.98 | 33.60 | 7.98 | 33.60 | 7.98 | | | | | | |
| | 13 | 11.8 | 34.70 | 7.71 | 34.70 | 7.84 | 34.70 | 7.84 | 34.70 | 7.91 | 34.70 | 7.98 | 34.70 | 7.98 | | | | | | |
| | 15 | 13.7 | 35.70 | 7.78 | 35.70 | 7.91 | 35.70 | 7.98 | 35.70 | 7.98 | 35.70 | 7.98 | 35.70 | 7.98 | | | | | | |
| | 19 | 14.2 | 35.70 | 7.87 | 35.70 | 7.83 | 35.70 | 7.91 | 35.70 | 7.98 | 35.70 | 7.98 | 35.70 | 7.98 | | | | | | |
| | 21 | 15 | 35.70 | 7.93 | 35.70 | 7.61 | 35.70 | 6.95 | 35.70 | 6.82 | 35.70 | 6.58 | 35.70 | 6.19 | | | | | | |

To be continued

Continued

| Capacity Factor (%) | | Outdoor Temp. | | Heating Capacity | | | | | | | | | | | |
|---------------------|-------|---------------|-------|----------------------|-------|------|-------|------|-------|------|-------|------|-------|------|----|
| | | | | Indoor Temp. (°C DB) | | | | | | | | | | | |
| | | | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| 100 | °C DB | °C WB | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| | -14.7 | -15 | 20.00 | 6.14 | 20.00 | 6.37 | 20.00 | 6.62 | 20.00 | 6.68 | 20.00 | 6.81 | 20.00 | 7.07 | |
| | -12.6 | -13 | 21.10 | 6.38 | 21.10 | 6.62 | 21.10 | 6.81 | 21.10 | 6.88 | 21.10 | 7.01 | 21.10 | 7.20 | |
| | -10.5 | -11 | 22.20 | 6.62 | 22.20 | 6.81 | 22.20 | 7.01 | 22.20 | 7.07 | 22.20 | 7.20 | 22.20 | 7.39 | |
| | -9.5 | -10 | 22.80 | 6.68 | 22.80 | 6.88 | 22.80 | 7.07 | 22.80 | 7.20 | 22.80 | 7.26 | 22.80 | 7.46 | |
| | -8.5 | -9.1 | 23.30 | 6.75 | 23.30 | 6.94 | 23.30 | 7.13 | 23.30 | 7.26 | 23.30 | 7.33 | 23.30 | 7.52 | |
| | -7 | -7.6 | 24.20 | 6.88 | 24.20 | 7.07 | 24.20 | 7.26 | 24.20 | 7.33 | 24.20 | 7.46 | 24.20 | 7.65 | |
| | -5 | -5.6 | 25.20 | 7.07 | 25.20 | 7.20 | 25.20 | 7.39 | 25.20 | 7.46 | 25.20 | 7.58 | 25.20 | 7.71 | |
| | -3 | -3.7 | 26.20 | 7.20 | 26.20 | 7.33 | 26.20 | 7.52 | 26.20 | 7.58 | 26.20 | 7.65 | 26.20 | 7.84 | |
| | 0 | -0.7 | 27.80 | 7.39 | 27.80 | 7.52 | 27.80 | 7.65 | 27.80 | 7.78 | 27.80 | 7.84 | 27.50 | 7.97 | |
| | 3 | 2.2 | 29.30 | 7.52 | 29.30 | 7.65 | 29.30 | 7.84 | 29.30 | 7.91 | 29.30 | 7.97 | 27.50 | 7.46 | |
| | 5 | 4.1 | 30.50 | 7.58 | 30.50 | 7.78 | 30.50 | 7.91 | 30.50 | 7.97 | 29.50 | 7.71 | 27.50 | 7.13 | |
| | 8.3 | 6.1 | 31.50 | 7.71 | 31.50 | 7.84 | 31.50 | 7.97 | 30.50 | 7.65 | 29.50 | 7.39 | 27.50 | 6.81 | |
| | 9 | 7.9 | 32.50 | 7.78 | 32.50 | 7.91 | 31.50 | 7.65 | 30.50 | 7.39 | 29.50 | 7.07 | 27.50 | 6.56 | |
| | 11 | 9.8 | 33.60 | 7.84 | 33.50 | 7.91 | 31.50 | 7.33 | 30.50 | 7.07 | 29.50 | 6.81 | 27.50 | 6.31 | |
| | 13 | 11.8 | 34.70 | 7.91 | 33.50 | 7.58 | 31.50 | 7.07 | 30.50 | 6.81 | 29.50 | 6.56 | 27.50 | 6.07 | |
| | 15 | 13.7 | 35.50 | 7.78 | 33.50 | 7.33 | 31.50 | 6.81 | 30.50 | 6.56 | 29.50 | 6.32 | 27.50 | 5.86 | |
| | 19 | 14.2 | 35.50 | 7.57 | 33.50 | 7.08 | 31.50 | 6.64 | 30.50 | 6.28 | 29.50 | 6.08 | 27.50 | 5.70 | |
| | 21 | 15 | 35.50 | 7.33 | 33.50 | 6.77 | 31.50 | 6.39 | 30.50 | 6.19 | 29.50 | 5.90 | 27.50 | 5.57 | |
| 90 | -14.7 | -15 | 20.00 | 6.56 | 20.00 | 6.75 | 20.00 | 6.94 | 20.00 | 7.07 | 20.00 | 7.13 | 20.00 | 7.33 | |
| | -12.6 | -13 | 21.10 | 6.75 | 21.10 | 6.94 | 21.10 | 7.13 | 21.10 | 7.20 | 21.10 | 7.33 | 21.10 | 7.52 | |
| | -10.5 | -11 | 22.20 | 6.94 | 22.20 | 7.13 | 22.20 | 7.33 | 22.20 | 7.39 | 22.20 | 7.46 | 22.20 | 7.65 | |
| | -9.5 | -10 | 22.80 | 7.01 | 22.80 | 7.20 | 22.80 | 7.39 | 22.80 | 7.46 | 22.80 | 7.52 | 22.80 | 7.71 | |
| | -8.5 | -9.1 | 23.30 | 7.07 | 23.30 | 7.26 | 23.30 | 7.46 | 23.30 | 7.52 | 23.30 | 7.58 | 23.30 | 7.78 | |
| | -7 | -7.6 | 24.20 | 7.20 | 24.20 | 7.39 | 24.20 | 7.52 | 24.20 | 7.65 | 24.20 | 7.71 | 24.10 | 7.84 | |
| | -5 | -5.6 | 25.20 | 7.33 | 25.20 | 7.52 | 25.20 | 7.65 | 25.20 | 7.71 | 25.20 | 7.84 | 24.60 | 7.97 | |
| | -3 | -3.7 | 26.20 | 7.46 | 26.20 | 7.65 | 26.20 | 7.78 | 26.20 | 7.84 | 26.20 | 7.91 | 24.60 | 7.65 | |
| | 0 | -0.7 | 27.80 | 7.65 | 27.80 | 7.78 | 27.80 | 7.91 | 27.30 | 7.97 | 26.50 | 7.65 | 24.60 | 7.07 | |
| | 3 | 2.2 | 29.30 | 7.78 | 29.30 | 7.91 | 28.30 | 7.71 | 27.30 | 7.46 | 26.50 | 7.13 | 24.60 | 6.62 | |
| | 5 | 4.1 | 30.50 | 7.84 | 30.30 | 7.91 | 28.30 | 7.39 | 27.30 | 7.13 | 26.50 | 6.81 | 24.60 | 6.32 | |
| | 8.3 | 6.1 | 31.50 | 7.91 | 30.30 | 7.58 | 28.30 | 7.07 | 27.30 | 6.81 | 26.50 | 6.56 | 24.60 | 6.07 | |
| | 9 | 7.9 | 32.00 | 7.78 | 30.30 | 7.26 | 28.30 | 6.81 | 27.30 | 6.56 | 26.50 | 6.31 | 24.60 | 5.84 | |
| | 11 | 9.8 | 32.00 | 7.46 | 30.30 | 7.01 | 28.30 | 6.56 | 27.30 | 6.30 | 26.50 | 6.07 | 24.60 | 5.63 | |
| | 13 | 11.8 | 32.00 | 7.20 | 30.30 | 6.75 | 28.30 | 6.28 | 27.30 | 6.06 | 26.50 | 5.85 | 24.60 | 5.42 | |
| | 15 | 13.7 | 32.00 | 6.94 | 30.30 | 6.49 | 28.30 | 6.06 | 27.30 | 5.86 | 26.50 | 5.65 | 24.60 | 5.24 | |
| | 19 | 14.2 | 32.00 | 6.77 | 30.30 | 6.31 | 28.30 | 5.87 | 27.30 | 5.68 | 26.50 | 5.45 | 24.60 | 5.05 | |
| | 21 | 15 | 32.00 | 6.52 | 30.30 | 6.07 | 28.30 | 5.76 | 27.30 | 5.49 | 26.50 | 5.25 | 24.60 | 4.84 | |
| 80 | -14.7 | -15 | 20.00 | 6.94 | 20.00 | 7.13 | 20.00 | 7.33 | 20.00 | 7.39 | 20.00 | 7.46 | 20.00 | 7.65 | |
| | -12.6 | -13 | 21.10 | 7.13 | 21.10 | 7.26 | 21.10 | 7.46 | 21.10 | 7.52 | 21.10 | 7.65 | 21.10 | 7.78 | |
| | -10.5 | -11 | 22.20 | 7.26 | 22.20 | 7.46 | 22.20 | 7.58 | 22.20 | 7.71 | 22.20 | 7.78 | 22.00 | 7.91 | |
| | -9.5 | -10 | 22.80 | 7.39 | 22.80 | 7.52 | 22.80 | 7.65 | 22.80 | 7.78 | 22.80 | 7.84 | 22.00 | 7.97 | |
| | -8.5 | -9.1 | 23.30 | 7.46 | 23.30 | 7.58 | 23.30 | 7.71 | 23.30 | 7.84 | 23.30 | 7.91 | 22.00 | 7.84 | |
| | -7 | -7.6 | 24.20 | 7.52 | 24.20 | 7.65 | 24.10 | 7.84 | 24.10 | 7.91 | 23.60 | 7.97 | 22.00 | 7.46 | |
| | -5 | -5.6 | 25.20 | 7.65 | 25.20 | 7.78 | 25.20 | 7.91 | 24.30 | 7.97 | 23.60 | 7.65 | 22.00 | 7.07 | |
| | -3 | -3.7 | 26.20 | 7.78 | 26.20 | 7.91 | 25.20 | 7.84 | 24.30 | 7.52 | 23.60 | 7.26 | 22.00 | 6.68 | |
| | 0 | -0.7 | 27.80 | 7.91 | 26.80 | 7.78 | 25.20 | 7.26 | 24.30 | 7.01 | 23.60 | 6.68 | 22.00 | 6.21 | |
| | 3 | 2.2 | 28.30 | 7.71 | 26.80 | 7.26 | 25.20 | 6.75 | 24.30 | 6.49 | 23.60 | 6.27 | 22.00 | 5.81 | |
| | 5 | 4.1 | 28.30 | 7.39 | 26.80 | 6.94 | 25.20 | 6.49 | 24.30 | 6.23 | 23.60 | 6.01 | 22.00 | 5.57 | |
| | 8.3 | 6.1 | 28.30 | 7.07 | 26.80 | 6.62 | 25.20 | 6.20 | 24.30 | 5.99 | 23.60 | 5.78 | 22.00 | 5.36 | |
| | 9 | 7.9 | 28.30 | 6.81 | 26.80 | 6.38 | 25.20 | 5.96 | 24.30 | 5.76 | 23.60 | 5.56 | 22.00 | 5.16 | |
| | 11 | 9.8 | 28.30 | 6.56 | 26.80 | 6.14 | 25.20 | 5.75 | 24.30 | 5.55 | 23.60 | 5.36 | 22.00 | 4.97 | |
| | 13 | 11.8 | 28.30 | 6.31 | 26.80 | 5.91 | 25.20 | 5.53 | 24.30 | 5.35 | 23.60 | 5.16 | 22.00 | 4.80 | |
| | 15 | 13.7 | 28.30 | 6.09 | 26.80 | 5.66 | 25.20 | 5.35 | 24.30 | 5.17 | 23.60 | 4.99 | 22.00 | 4.65 | |
| | 19 | 14.2 | 28.30 | 5.88 | 26.80 | 5.56 | 25.20 | 5.13 | 24.30 | 4.98 | 23.60 | 4.78 | 22.00 | 4.53 | |
| | 21 | 15 | 28.30 | 5.71 | 26.80 | 5.32 | 25.20 | 5.00 | 24.30 | 4.82 | 23.60 | 4.62 | 22.00 | 4.29 | |

Capacity table

To be continued

Continued

| | | YCV280HR | | | | | | | | Heating Capacity | | | | | | | |
|---------------------|---------------|----------------------|-------|------|-------|------|-------|------|-------|------------------|-------|------|-------|------|-------|------|----|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | TC | | PI | |
| | | °C DB | °C WB | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | TC | kW | TC | kW |
| 70 | -14.7 | -15 | 20.00 | 7.33 | 20.00 | 7.52 | 20.00 | 7.65 | 20.00 | 7.71 | 20.00 | 7.78 | 20.00 | 7.92 | 19.20 | 7.97 | |
| | -12.6 | -13 | 21.10 | 7.52 | 21.10 | 7.65 | 21.10 | 7.78 | 21.10 | 7.84 | 20.60 | 7.97 | 19.20 | 7.65 | | | |
| | -10.5 | -11 | 22.20 | 7.65 | 22.20 | 7.78 | 22.10 | 7.91 | 21.30 | 7.97 | 20.60 | 7.71 | 19.20 | 7.13 | | | |
| | -9.5 | -10 | 22.80 | 7.71 | 22.80 | 7.84 | 22.10 | 7.97 | 21.30 | 7.78 | 20.60 | 7.46 | 19.20 | 6.88 | | | |
| | -8.5 | -9.1 | 23.30 | 7.78 | 23.30 | 7.91 | 22.10 | 7.84 | 21.30 | 7.58 | 20.60 | 7.26 | 19.20 | 6.75 | | | |
| | -7 | -7.6 | 24.10 | 7.84 | 23.50 | 7.97 | 22.10 | 7.52 | 21.30 | 7.20 | 20.60 | 6.94 | 19.20 | 6.43 | | | |
| | -5 | -5.6 | 24.90 | 7.97 | 23.50 | 7.58 | 22.10 | 7.07 | 21.30 | 6.81 | 20.60 | 6.56 | 19.20 | 6.09 | | | |
| | -3 | -3.7 | 24.90 | 7.71 | 23.50 | 7.20 | 22.10 | 6.75 | 21.30 | 6.49 | 20.60 | 6.25 | 19.20 | 5.79 | | | |
| | 0 | -0.7 | 24.90 | 7.13 | 23.50 | 6.68 | 22.10 | 6.24 | 21.30 | 6.02 | 20.60 | 5.80 | 19.20 | 5.39 | | | |
| | 3 | 2.2 | 24.90 | 6.68 | 23.50 | 6.24 | 22.10 | 5.83 | 21.30 | 5.63 | 20.60 | 5.44 | 19.20 | 5.05 | | | |
| | 5 | 4.1 | 24.90 | 6.38 | 23.50 | 5.98 | 22.10 | 5.60 | 21.30 | 5.41 | 20.60 | 5.22 | 19.20 | 4.85 | | | |
| | 8.3 | 6.1 | 24.90 | 6.12 | 23.50 | 5.75 | 22.10 | 5.38 | 21.30 | 5.20 | 20.60 | 5.02 | 19.20 | 4.67 | | | |
| | 9 | 7.9 | 24.90 | 5.89 | 23.50 | 5.53 | 22.10 | 5.18 | 21.30 | 5.01 | 20.60 | 4.84 | 19.20 | 4.51 | | | |
| | 11 | 9.8 | 24.90 | 5.67 | 23.50 | 5.33 | 22.10 | 5.00 | 21.30 | 4.83 | 20.60 | 4.63 | 19.20 | 4.35 | | | |
| | 13 | 11.8 | 24.90 | 5.46 | 23.50 | 5.14 | 22.10 | 4.82 | 21.30 | 4.67 | 20.60 | 4.51 | 19.20 | 4.20 | | | |
| | 15 | 13.7 | 24.90 | 5.28 | 23.50 | 4.97 | 22.10 | 4.67 | 21.30 | 4.51 | 20.60 | 4.36 | 19.20 | 4.07 | | | |
| | 19 | 14.2 | 24.90 | 5.01 | 23.50 | 4.83 | 22.10 | 4.54 | 21.30 | 4.30 | 20.60 | 4.12 | 19.20 | 3.91 | | | |
| | 21 | 15 | 24.90 | 4.83 | 23.50 | 4.59 | 22.10 | 4.33 | 21.30 | 4.10 | 20.60 | 3.91 | 19.20 | 3.69 | | | |
| 60 | -14.7 | -15 | 20.00 | 7.71 | 20.00 | 7.84 | 18.90 | 7.97 | 18.30 | 7.71 | 17.70 | 7.46 | 16.50 | 6.88 | | | |
| | -12.6 | -13 | 21.10 | 7.84 | 20.10 | 7.97 | 18.90 | 7.46 | 18.30 | 7.20 | 17.70 | 6.94 | 16.50 | 6.41 | | | |
| | -10.5 | -11 | 21.30 | 7.97 | 20.10 | 7.52 | 18.90 | 7.01 | 18.30 | 6.75 | 17.70 | 6.49 | 16.50 | 6.02 | | | |
| | -9.5 | -10 | 21.30 | 7.78 | 20.10 | 7.26 | 18.90 | 6.81 | 18.30 | 6.56 | 17.70 | 6.31 | 16.50 | 5.84 | | | |
| | -8.5 | -9.1 | 21.30 | 7.58 | 20.10 | 7.07 | 18.90 | 6.62 | 18.30 | 6.37 | 17.70 | 6.14 | 16.50 | 5.69 | | | |
| | -7 | -7.6 | 21.30 | 7.20 | 20.10 | 6.75 | 18.90 | 6.32 | 18.30 | 6.09 | 17.70 | 5.88 | 16.50 | 5.45 | | | |
| | -5 | -5.6 | 21.30 | 6.81 | 20.10 | 6.40 | 18.90 | 5.98 | 18.30 | 5.77 | 17.70 | 5.57 | 16.50 | 5.17 | | | |
| | -3 | -3.7 | 21.30 | 6.49 | 20.10 | 6.08 | 18.90 | 5.69 | 18.30 | 5.50 | 17.70 | 5.30 | 16.50 | 4.93 | | | |
| | 0 | -0.7 | 21.30 | 6.02 | 20.10 | 5.65 | 18.90 | 5.29 | 18.30 | 5.12 | 17.70 | 4.94 | 16.50 | 4.60 | | | |
| | 3 | 2.2 | 21.30 | 5.63 | 20.10 | 5.29 | 18.90 | 4.96 | 18.30 | 4.80 | 17.70 | 4.64 | 16.50 | 4.33 | | | |
| | 5 | 4.1 | 21.30 | 5.41 | 20.10 | 5.08 | 18.90 | 4.77 | 18.30 | 4.61 | 17.70 | 4.46 | 16.50 | 4.16 | | | |
| | 8.3 | 6.1 | 21.30 | 5.19 | 20.10 | 4.89 | 18.90 | 4.60 | 18.30 | 4.45 | 17.70 | 4.30 | 16.50 | 4.01 | | | |
| | 9 | 7.9 | 21.30 | 5.01 | 20.10 | 4.72 | 18.90 | 4.43 | 18.30 | 4.29 | 17.70 | 4.15 | 16.50 | 3.88 | | | |
| | 11 | 9.8 | 21.30 | 4.83 | 20.10 | 4.55 | 18.90 | 4.28 | 18.30 | 4.15 | 17.70 | 4.01 | 16.50 | 3.75 | | | |
| | 13 | 11.8 | 21.30 | 4.66 | 20.10 | 4.40 | 18.90 | 4.13 | 18.30 | 4.00 | 17.70 | 3.88 | 16.50 | 3.63 | | | |
| | 15 | 13.7 | 21.30 | 4.51 | 20.10 | 4.25 | 18.90 | 4.00 | 18.30 | 3.88 | 17.70 | 3.76 | 16.50 | 3.52 | | | |
| | 19 | 14.2 | 21.30 | 4.38 | 20.10 | 4.05 | 18.90 | 3.88 | 18.30 | 3.76 | 17.70 | 3.62 | 16.50 | 3.37 | | | |
| | 21 | 15 | 21.30 | 4.20 | 20.10 | 3.93 | 18.90 | 3.72 | 18.30 | 3.64 | 17.70 | 3.50 | 16.50 | 3.24 | | | |
| 50 | -14.7 | -15 | 17.80 | 7.46 | 16.80 | 7.01 | 15.80 | 6.56 | 15.20 | 6.31 | 14.70 | 6.08 | 13.70 | 5.64 | | | |
| | -12.6 | -13 | 17.80 | 7.01 | 16.80 | 6.56 | 15.80 | 6.11 | 15.20 | 5.90 | 14.70 | 5.69 | 13.70 | 5.28 | | | |
| | -10.5 | -11 | 17.80 | 6.56 | 16.80 | 6.13 | 15.80 | 5.73 | 15.20 | 5.54 | 14.70 | 5.35 | 13.70 | 4.97 | | | |
| | -9.5 | -10 | 17.80 | 6.34 | 16.80 | 5.95 | 15.80 | 5.57 | 15.20 | 5.38 | 14.70 | 5.19 | 13.70 | 4.83 | | | |
| | -8.5 | -9.1 | 17.80 | 6.17 | 16.80 | 5.79 | 15.80 | 5.42 | 15.20 | 5.24 | 14.70 | 5.06 | 13.70 | 4.70 | | | |
| | -7 | -7.6 | 17.80 | 5.91 | 16.80 | 5.55 | 15.80 | 5.20 | 15.20 | 5.03 | 14.70 | 4.86 | 13.70 | 4.52 | | | |
| | -5 | -5.6 | 17.80 | 5.60 | 16.80 | 5.26 | 15.80 | 4.94 | 15.20 | 4.78 | 14.70 | 4.61 | 13.70 | 4.30 | | | |
| | -3 | -3.7 | 17.80 | 5.33 | 16.80 | 5.02 | 15.80 | 4.71 | 15.20 | 4.56 | 14.70 | 4.41 | 13.70 | 4.11 | | | |
| | 0 | -0.7 | 17.80 | 4.97 | 16.80 | 4.68 | 15.80 | 4.40 | 15.20 | 4.26 | 14.70 | 4.12 | 13.70 | 3.85 | | | |
| | 3 | 2.2 | 17.80 | 4.66 | 16.80 | 4.40 | 15.80 | 4.14 | 15.20 | 4.01 | 14.70 | 3.88 | 13.70 | 3.63 | | | |
| | 5 | 4.1 | 17.80 | 4.49 | 16.80 | 4.24 | 15.80 | 3.99 | 15.20 | 3.86 | 14.70 | 3.67 | 13.70 | 3.50 | | | |
| | 8.3 | 6.1 | 17.80 | 4.32 | 16.80 | 4.08 | 15.80 | 3.84 | 15.20 | 3.73 | 14.70 | 3.61 | 13.70 | 3.39 | | | |
| | 9 | 7.9 | 17.80 | 4.17 | 16.80 | 3.94 | 15.80 | 3.72 | 15.20 | 3.61 | 14.70 | 3.50 | 13.70 | 3.28 | | | |
| | 11 | 9.8 | 17.80 | 4.03 | 16.80 | 3.81 | 15.80 | 3.60 | 15.20 | 3.49 | 14.70 | 3.39 | 13.70 | 3.18 | | | |
| | 13 | 11.8 | 17.80 | 3.90 | 16.80 | 3.69 | 15.80 | 3.48 | 15.20 | 3.38 | 14.70 | 3.28 | 13.70 | 3.08 | | | |
| | 15 | 13.7 | 17.80 | 3.78 | 16.80 | 3.58 | 15.80 | 3.38 | 15.20 | 3.28 | 14.70 | 3.18 | 13.70 | 3.00 | | | |
| | 19 | 14.2 | 17.80 | 3.66 | 16.80 | 3.44 | 15.80 | 3.26 | 15.20 | 3.14 | 14.70 | 3.07 | 13.70 | 2.86 | | | |
| | 21 | 15 | 17.80 | 3.42 | 16.80 | 3.34 | 15.80 | 3.18 | 15.20 | 3.01 | 14.70 | 2.95 | 13.70 | 2.75 | | | |

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

| | | YCV335HR | | | | | | | | | | Heating Capacity | | | | | | | |
|---------------------|---------------|----------------------|-------|------|-------|------|-------|------|-------|------|-------|------------------|-------|------|----|----|----|--|--|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | | |
| °C DB | °C WB | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | | |
| 130 | -14.7 | -15 | 23.60 | 5.49 | 23.60 | 5.77 | 23.60 | 6.08 | 23.60 | 6.21 | 23.60 | 6.36 | 23.60 | 6.66 | | | | | |
| | -12.6 | -13 | 24.80 | 5.74 | 24.80 | 6.04 | 24.80 | 6.30 | 24.80 | 6.43 | 24.80 | 6.58 | 24.80 | 6.86 | | | | | |
| | -10.5 | -11 | 26.00 | 6.00 | 26.00 | 6.25 | 26.00 | 6.51 | 26.00 | 6.64 | 26.00 | 6.76 | 26.00 | 7.02 | | | | | |
| | -9.5 | -10 | 27.10 | 6.11 | 27.10 | 6.34 | 27.10 | 6.60 | 27.10 | 6.75 | 27.10 | 6.86 | 27.10 | 7.11 | | | | | |
| | -8.5 | -9.1 | 28.20 | 6.19 | 28.20 | 6.43 | 28.20 | 6.68 | 28.20 | 6.83 | 28.20 | 6.94 | 28.20 | 7.18 | | | | | |
| | -7 | -7.6 | 29.50 | 6.34 | 29.50 | 6.58 | 29.50 | 6.83 | 29.50 | 6.94 | 29.50 | 7.05 | 29.50 | 7.29 | | | | | |
| | -5 | -5.6 | 30.80 | 6.51 | 30.80 | 6.75 | 30.80 | 6.97 | 30.80 | 7.09 | 30.80 | 7.20 | 30.80 | 7.43 | | | | | |
| | -3 | -3.7 | 32.00 | 6.68 | 32.00 | 6.90 | 32.00 | 7.11 | 32.00 | 7.23 | 32.00 | 7.33 | 32.00 | 7.58 | | | | | |
| | 0 | -0.7 | 33.50 | 6.90 | 33.50 | 7.11 | 33.50 | 7.31 | 33.50 | 7.41 | 33.50 | 7.50 | 33.50 | 7.72 | | | | | |
| | 3 | 2.2 | 34.80 | 7.09 | 34.80 | 7.27 | 34.80 | 7.47 | 34.80 | 7.58 | 34.80 | 7.65 | 34.80 | 7.88 | | | | | |
| | 5 | 4.1 | 36.20 | 7.20 | 36.20 | 7.39 | 36.20 | 7.58 | 36.20 | 7.65 | 36.20 | 7.80 | 36.20 | 7.95 | | | | | |
| | 8.3 | 6.1 | 37.50 | 7.31 | 37.50 | 7.49 | 37.50 | 7.65 | 37.50 | 7.72 | 37.50 | 7.88 | 37.50 | 8.02 | | | | | |
| | 9 | 7.9 | 38.90 | 7.39 | 38.90 | 7.58 | 38.90 | 7.72 | 38.90 | 7.88 | 38.90 | 7.95 | 38.90 | 8.10 | | | | | |
| | 11 | 9.8 | 40.50 | 7.50 | 40.50 | 7.65 | 40.50 | 7.88 | 40.50 | 7.95 | 40.50 | 8.02 | 40.50 | 8.18 | | | | | |
| | 13 | 11.8 | 41.10 | 7.58 | 41.10 | 7.72 | 41.10 | 7.95 | 41.10 | 8.02 | 41.10 | 8.10 | 41.10 | 8.25 | | | | | |
| | 15 | 13.7 | 42.30 | 7.65 | 42.30 | 7.80 | 42.30 | 8.02 | 42.30 | 8.10 | 42.30 | 8.18 | 42.30 | 8.25 | | | | | |
| | 19 | 14.2 | 42.30 | 7.80 | 42.30 | 7.95 | 42.30 | 8.10 | 42.30 | 8.18 | 42.30 | 8.25 | 42.30 | 8.33 | | | | | |
| | 21 | 15 | 42.30 | 7.95 | 42.30 | 8.10 | 42.30 | 8.18 | 42.30 | 8.25 | 42.30 | 8.33 | 42.30 | 7.72 | | | | | |
| 120 | -14.7 | -15 | 23.60 | 5.89 | 23.60 | 6.15 | 23.60 | 6.42 | 23.60 | 6.55 | 23.60 | 6.68 | 23.60 | 6.96 | | | | | |
| | -12.6 | -13 | 24.80 | 6.12 | 24.80 | 6.38 | 24.80 | 6.64 | 24.80 | 6.75 | 24.80 | 6.86 | 24.80 | 7.13 | | | | | |
| | -10.5 | -11 | 26.00 | 6.34 | 26.00 | 6.56 | 26.00 | 6.83 | 26.00 | 6.94 | 26.00 | 7.05 | 26.00 | 7.31 | | | | | |
| | -9.5 | -10 | 27.10 | 6.45 | 27.10 | 6.68 | 27.10 | 6.90 | 27.10 | 7.02 | 27.10 | 7.13 | 27.10 | 7.39 | | | | | |
| | -8.5 | -9.1 | 28.20 | 6.52 | 28.20 | 6.75 | 28.20 | 6.97 | 28.20 | 7.09 | 28.20 | 7.20 | 28.20 | 7.43 | | | | | |
| | -7 | -7.6 | 29.50 | 6.66 | 29.50 | 6.88 | 29.50 | 7.09 | 29.50 | 7.20 | 29.50 | 7.31 | 29.50 | 7.58 | | | | | |
| | -5 | -5.6 | 30.80 | 6.83 | 30.80 | 7.04 | 30.80 | 7.24 | 30.80 | 7.35 | 30.80 | 7.47 | 30.80 | 7.65 | | | | | |
| | -3 | -3.7 | 32.00 | 6.97 | 32.00 | 7.16 | 32.00 | 7.39 | 32.00 | 7.50 | 32.00 | 7.58 | 32.00 | 7.80 | | | | | |
| | 0 | -0.7 | 33.50 | 7.18 | 33.50 | 7.37 | 33.50 | 7.58 | 33.50 | 7.65 | 33.50 | 7.72 | 33.50 | 7.90 | | | | | |
| | 3 | 2.2 | 34.80 | 7.35 | 34.80 | 7.50 | 34.80 | 7.72 | 34.80 | 7.80 | 34.80 | 7.88 | 34.80 | 8.10 | | | | | |
| | 5 | 4.1 | 36.20 | 7.47 | 36.20 | 7.65 | 36.20 | 7.80 | 36.20 | 7.88 | 36.20 | 7.95 | 36.20 | 8.18 | | | | | |
| | 8.3 | 6.1 | 37.50 | 7.58 | 37.50 | 7.72 | 37.50 | 7.88 | 37.50 | 7.95 | 37.50 | 8.02 | 37.50 | 8.25 | | | | | |
| | 9 | 7.9 | 38.90 | 7.65 | 38.90 | 7.80 | 38.90 | 7.95 | 38.90 | 8.02 | 38.90 | 8.10 | 38.90 | 8.33 | | | | | |
| | 11 | 9.8 | 40.50 | 7.72 | 40.50 | 7.88 | 40.50 | 8.02 | 40.50 | 8.10 | 40.50 | 8.18 | 40.50 | 8.33 | | | | | |
| | 13 | 11.8 | 41.10 | 7.80 | 41.10 | 7.95 | 41.10 | 8.10 | 41.10 | 8.18 | 41.10 | 8.25 | 41.10 | 8.40 | | | | | |
| | 15 | 13.7 | 42.30 | 7.88 | 42.30 | 8.02 | 42.30 | 8.18 | 42.30 | 8.25 | 42.30 | 8.40 | 42.30 | 8.58 | | | | | |
| | 19 | 14.2 | 42.30 | 8.10 | 42.30 | 8.25 | 42.30 | 8.33 | 42.30 | 8.18 | 42.30 | 8.40 | 42.30 | 8.50 | | | | | |
| | 21 | 15 | 42.30 | 8.25 | 42.30 | 8.10 | 42.30 | 8.02 | 42.30 | 7.95 | 42.30 | 7.72 | 42.30 | 7.39 | | | | | |
| 110 | -14.7 | -15 | 23.60 | 6.27 | 23.60 | 6.52 | 23.60 | 6.75 | 23.60 | 6.89 | 23.60 | 7.02 | 23.60 | 7.24 | | | | | |
| | -12.6 | -13 | 24.80 | 6.49 | 24.80 | 6.73 | 24.80 | 6.94 | 24.80 | 7.09 | 24.80 | 7.20 | 24.80 | 7.43 | | | | | |
| | -10.5 | -11 | 26.00 | 6.69 | 26.00 | 6.90 | 26.00 | 7.13 | 26.00 | 7.24 | 26.00 | 7.35 | 26.00 | 7.58 | | | | | |
| | -9.5 | -10 | 27.10 | 6.79 | 27.10 | 7.02 | 27.10 | 7.20 | 27.10 | 7.31 | 27.10 | 7.43 | 27.10 | 7.65 | | | | | |
| | -8.5 | -9.1 | 28.20 | 6.86 | 28.20 | 7.09 | 28.20 | 7.27 | 28.20 | 7.39 | 28.20 | 7.50 | 28.20 | 7.72 | | | | | |
| | -7 | -7.6 | 29.50 | 6.97 | 29.50 | 7.18 | 29.50 | 7.39 | 29.50 | 7.48 | 29.50 | 7.58 | 29.50 | 7.80 | | | | | |
| | -5 | -5.6 | 30.80 | 7.13 | 30.80 | 7.33 | 30.80 | 7.50 | 30.80 | 7.65 | 30.80 | 7.72 | 30.80 | 7.88 | | | | | |
| | -3 | -3.7 | 32.00 | 7.27 | 32.00 | 7.47 | 32.00 | 7.65 | 32.00 | 7.72 | 32.00 | 7.88 | 32.00 | 8.02 | | | | | |
| | 0 | -0.7 | 33.50 | 7.47 | 33.50 | 7.65 | 33.50 | 7.80 | 33.50 | 7.88 | 33.50 | 7.95 | 33.50 | 8.18 | | | | | |
| | 3 | 2.2 | 34.80 | 7.65 | 34.80 | 7.80 | 34.80 | 7.95 | 34.80 | 8.02 | 34.80 | 8.10 | 34.80 | 8.25 | | | | | |
| | 5 | 4.1 | 36.20 | 7.72 | 36.20 | 7.88 | 36.20 | 8.02 | 36.20 | 8.10 | 36.20 | 8.18 | 36.20 | 8.33 | | | | | |
| | 8.3 | 6.1 | 37.50 | 7.80 | 37.50 | 7.95 | 37.50 | 8.10 | 37.50 | 8.18 | 37.50 | 8.25 | 37.50 | 8.40 | | | | | |
| | 9 | 7.9 | 38.90 | 7.88 | 38.90 | 8.02 | 38.90 | 8.18 | 38.90 | 8.25 | 38.90 | 8.33 | 38.90 | 8.50 | | | | | |
| | 11 | 9.8 | 40.50 | 7.95 | 40.50 | 8.10 | 40.50 | 8.25 | 40.50 | 8.33 | 40.50 | 8.40 | 40.50 | 8.66 | | | | | |
| | 13 | 11.8 | 41.10 | 8.02 | 41.10 | 8.18 | 41.10 | 8.33 | 41.10 | 8.40 | 41.10 | 8.40 | 41.10 | 8.73 | | | | | |
| | 15 | 13.7 | 42.30 | 8.10 | 42.30 | 8.25 | 42.30 | 8.40 | 42.30 | 8.40 | 42.30 | 8.40 | 42.30 | 8.73 | | | | | |
| | 19 | 14.2 | 42.30 | 8.25 | 42.30 | 8.10 | 42.30 | 7.88 | 42.30 | 7.50 | 42.30 | 7.13 | 42.30 | 6.60 | | | | | |
| | 21 | 15 | 42.30 | 8.10 | 42.30 | 7.88 | 42.30 | 7.50 | 42.30 | 7.13 | 42.30 | 6.93 | 42.30 | 6.60 | | | | | |

To be continued

| | | YCV335HR | | | | Heating Capacity | | | | | | | | | | | | |
|---------------------|---------------|----------------------|-------|------|-------|------------------|-------|------|-------|------|-------|------|-------|-------|----|----|----|--|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | kW | kW | kW | kW | |
| °C DB | | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | °C WB | kW | kW | kW | |
| 100 | -14.7 | -15 | 23.60 | 6.66 | 23.60 | 6.89 | 23.60 | 7.10 | 23.60 | 7.24 | 23.60 | 7.31 | 23.60 | 7.50 | | | | |
| | -12.6 | -13 | 24.80 | 6.86 | 24.80 | 7.09 | 24.80 | 7.27 | 24.80 | 7.39 | 24.80 | 7.50 | 24.80 | 7.72 | | | | |
| | -10.5 | -11 | 26.00 | 7.04 | 26.00 | 7.24 | 26.00 | 7.43 | 26.00 | 7.58 | 26.00 | 7.65 | 26.00 | 7.80 | | | | |
| | -9.5 | -10 | 27.10 | 7.13 | 27.10 | 7.31 | 27.10 | 7.50 | 27.10 | 7.58 | 27.10 | 7.72 | 27.10 | 7.88 | | | | |
| | -8.5 | -9.1 | 28.20 | 7.19 | 28.20 | 7.39 | 28.20 | 7.58 | 28.20 | 7.65 | 28.20 | 7.80 | 28.20 | 7.95 | | | | |
| | -7 | -7.6 | 29.50 | 7.31 | 29.50 | 7.50 | 29.50 | 7.65 | 29.50 | 7.80 | 29.50 | 7.88 | 29.50 | 8.02 | | | | |
| | -5 | -5.6 | 30.80 | 7.43 | 30.80 | 7.65 | 30.80 | 7.80 | 30.80 | 7.88 | 30.80 | 7.95 | 30.80 | 8.18 | | | | |
| | -3 | -3.7 | 32.00 | 7.58 | 32.00 | 7.72 | 32.00 | 7.88 | 32.00 | 7.95 | 32.00 | 8.10 | 32.00 | 8.25 | | | | |
| | 0 | -0.7 | 33.50 | 7.72 | 33.50 | 7.88 | 33.50 | 8.02 | 33.50 | 8.10 | 33.50 | 8.18 | 33.50 | 8.33 | | | | |
| | 3 | 2.2 | 34.80 | 7.88 | 34.80 | 8.02 | 34.80 | 8.18 | 34.80 | 8.25 | 34.80 | 8.33 | 34.80 | 8.50 | | | | |
| | 5 | 4.1 | 36.20 | 7.95 | 36.20 | 8.10 | 36.20 | 8.25 | 36.20 | 8.33 | 36.20 | 8.40 | 36.20 | 8.59 | | | | |
| | 8.3 | 6.1 | 37.50 | 8.02 | 37.50 | 8.18 | 37.50 | 9.15 | 36.20 | 8.02 | 35.10 | 7.72 | 32.60 | 7.13 | | | | |
| | 9 | 7.9 | 38.90 | 8.10 | 38.70 | 8.25 | 37.50 | 8.02 | 36.20 | 7.72 | 35.10 | 7.43 | 32.60 | 6.86 | | | | |
| | 11 | 9.8 | 40.50 | 8.18 | 39.80 | 8.33 | 37.50 | 7.72 | 36.20 | 7.47 | 35.10 | 7.16 | 32.60 | 7.39 | | | | |
| | 13 | 11.8 | 41.10 | 8.25 | 39.80 | 7.95 | 37.50 | 7.47 | 36.20 | 7.17 | 35.10 | 6.94 | 32.60 | 6.41 | | | | |
| | 15 | 13.7 | 42.30 | 8.25 | 39.80 | 7.72 | 37.50 | 7.20 | 36.20 | 6.94 | 35.10 | 6.72 | 32.60 | 6.19 | | | | |
| | 19 | 14.2 | 42.30 | 7.95 | 39.80 | 7.50 | 37.50 | 7.02 | 36.20 | 6.64 | 35.10 | 6.34 | 32.60 | 5.85 | | | | |
| | 21 | 15 | 42.30 | 7.79 | 39.80 | 7.24 | 37.50 | 6.75 | 36.20 | 6.38 | 35.10 | 6.00 | 32.60 | 5.61 | | | | |
| 90 | -14.7 | -15 | 23.60 | 7.05 | 23.60 | 7.25 | 23.60 | 7.47 | 23.60 | 7.58 | 23.60 | 7.65 | 23.60 | 7.80 | | | | |
| | -12.6 | -13 | 24.80 | 7.24 | 24.80 | 7.43 | 24.80 | 7.58 | 24.80 | 7.72 | 24.80 | 7.72 | 24.80 | 7.95 | | | | |
| | -10.5 | -11 | 26.00 | 7.39 | 26.00 | 7.58 | 26.00 | 7.72 | 26.00 | 7.88 | 26.00 | 7.88 | 26.00 | 8.02 | | | | |
| | -9.5 | -10 | 27.10 | 7.48 | 27.10 | 7.65 | 27.10 | 7.88 | 27.10 | 7.95 | 27.10 | 7.95 | 27.10 | 8.18 | | | | |
| | -8.5 | -9.1 | 28.20 | 7.50 | 28.20 | 7.72 | 28.20 | 7.95 | 28.20 | 8.02 | 28.20 | 8.02 | 28.20 | 8.25 | | | | |
| | -7 | -7.6 | 29.50 | 7.65 | 29.50 | 7.80 | 29.50 | 8.02 | 29.50 | 8.10 | 29.50 | 8.18 | 29.50 | 8.33 | | | | |
| | -5 | -5.6 | 30.80 | 7.72 | 30.80 | 7.88 | 30.80 | 8.10 | 30.80 | 8.18 | 30.80 | 8.25 | 30.80 | 8.40 | | | | |
| | -3 | -3.7 | 32.00 | 7.88 | 32.00 | 8.02 | 32.00 | 8.18 | 32.00 | 8.25 | 32.00 | 8.33 | 32.00 | 8.50 | | | | |
| | 0 | -0.7 | 33.50 | 8.02 | 33.50 | 8.18 | 33.50 | 8.33 | 32.60 | 8.10 | 31.50 | 7.95 | 29.40 | 7.13 | | | | |
| | 3 | 2.2 | 34.80 | 8.18 | 35.80 | 8.25 | 33.70 | 7.95 | 32.60 | 7.72 | 31.50 | 7.39 | 29.40 | 6.84 | | | | |
| | 5 | 4.1 | 36.20 | 8.25 | 35.80 | 8.25 | 33.70 | 7.65 | 32.60 | 7.39 | 31.50 | 7.13 | 29.40 | 6.59 | | | | |
| | 8.3 | 6.1 | 37.50 | 8.33 | 35.80 | 7.95 | 33.70 | 7.39 | 32.60 | 7.13 | 31.50 | 6.86 | 29.40 | 6.34 | | | | |
| | 9 | 7.9 | 38.00 | 8.18 | 35.80 | 7.65 | 33.70 | 7.13 | 32.60 | 6.86 | 31.50 | 6.61 | 29.40 | 6.11 | | | | |
| | 11 | 9.8 | 38.00 | 7.88 | 35.80 | 7.35 | 33.70 | 6.86 | 32.60 | 6.64 | 31.50 | 6.39 | 29.40 | 5.93 | | | | |
| | 13 | 11.8 | 38.00 | 7.58 | 35.80 | 7.10 | 33.70 | 6.64 | 32.60 | 6.41 | 31.50 | 6.19 | 29.40 | 5.74 | | | | |
| | 15 | 13.7 | 38.00 | 7.32 | 35.80 | 6.86 | 33.70 | 6.41 | 32.60 | 6.19 | 31.50 | 6.00 | 29.40 | 5.55 | | | | |
| | 19 | 14.2 | 38.00 | 7.09 | 35.80 | 6.66 | 33.70 | 6.22 | 32.60 | 5.95 | 31.50 | 5.73 | 29.40 | 5.27 | | | | |
| | 21 | 15 | 38.00 | 6.75 | 35.80 | 6.27 | 33.70 | 6.02 | 32.60 | 5.70 | 31.50 | 5.40 | 29.40 | 5.09 | | | | |
| 80 | -14.7 | -15 | 23.60 | 7.43 | 23.60 | 7.65 | 23.60 | 7.80 | 23.60 | 7.88 | 23.60 | 7.95 | 23.60 | 8.10 | | | | |
| | -12.6 | -13 | 24.80 | 7.58 | 24.80 | 7.80 | 24.80 | 7.95 | 24.80 | 8.02 | 24.80 | 8.10 | 24.80 | 8.25 | | | | |
| | -10.5 | -11 | 26.00 | 7.72 | 26.00 | 7.88 | 26.00 | 8.02 | 26.00 | 8.10 | 26.00 | 8.25 | 26.10 | 8.25 | | | | |
| | -9.5 | -10 | 27.10 | 7.80 | 27.10 | 7.95 | 27.10 | 8.10 | 27.10 | 8.18 | 27.10 | 8.25 | 26.10 | 8.02 | | | | |
| | -8.5 | -9.1 | 28.20 | 7.88 | 28.20 | 8.02 | 28.20 | 8.18 | 28.20 | 8.25 | 28.20 | 8.33 | 26.10 | 7.72 | | | | |
| | -7 | -7.6 | 29.50 | 7.95 | 29.50 | 8.10 | 29.50 | 8.25 | 29.50 | 8.33 | 28.00 | 8.10 | 26.10 | 7.50 | | | | |
| | -5 | -5.6 | 30.80 | 8.10 | 30.80 | 8.18 | 30.80 | 8.33 | 29.00 | 8.02 | 28.00 | 7.72 | 26.10 | 7.14 | | | | |
| | -3 | -3.7 | 32.00 | 8.18 | 32.00 | 8.33 | 30.00 | 7.95 | 29.00 | 7.65 | 28.00 | 7.39 | 26.10 | 6.84 | | | | |
| | 0 | -0.7 | 33.50 | 8.33 | 31.80 | 7.88 | 30.00 | 7.44 | 29.00 | 7.17 | 28.00 | 6.90 | 26.10 | 6.40 | | | | |
| | 3 | 2.2 | 34.80 | 8.02 | 31.80 | 7.50 | 30.00 | 7.02 | 29.00 | 6.75 | 28.00 | 6.49 | 26.10 | 6.04 | | | | |
| | 5 | 4.1 | 33.80 | 7.72 | 31.80 | 7.20 | 30.00 | 6.72 | 29.00 | 6.49 | 28.00 | 6.27 | 26.10 | 5.81 | | | | |
| | 8.3 | 6.1 | 33.80 | 7.41 | 31.80 | 6.94 | 30.00 | 6.49 | 29.00 | 6.27 | 28.00 | 6.04 | 26.10 | 5.59 | | | | |
| | 9 | 7.9 | 33.80 | 7.13 | 31.80 | 6.68 | 30.00 | 6.27 | 29.00 | 6.04 | 28.00 | 5.83 | 26.10 | 5.40 | | | | |
| | 11 | 9.8 | 33.80 | 6.90 | 31.80 | 6.45 | 30.00 | 6.04 | 29.00 | 5.84 | 28.00 | 5.63 | 26.10 | 5.25 | | | | |
| | 13 | 11.8 | 33.80 | 6.66 | 31.80 | 6.25 | 30.00 | 5.85 | 29.00 | 5.64 | 28.00 | 5.44 | 26.10 | 5.06 | | | | |
| | 15 | 13.7 | 33.80 | 6.45 | 31.80 | 6.04 | 30.00 | 5.66 | 29.00 | 5.47 | 28.00 | 5.29 | 26.10 | 4.91 | | | | |
| | 19 | 14.2 | 33.80 | 6.22 | 31.80 | 5.86 | 30.00 | 5.50 | 29.00 | 5.22 | 28.00 | 5.06 | 26.10 | 4.68 | | | | |
| | 21 | 15 | 33.80 | 6.00 | 31.80 | 5.67 | 30.00 | 5.26 | 29.00 | 5.00 | 28.00 | 4.81 | 26.10 | 4.48 | | | | |

To be continued

Continued

| Capacity Factor (%) | | Outdoor Temp. | | Heating Capacity | | | | | | | | | | | |
|---------------------|-------|---------------|-------|----------------------|-------|------|-------|------|-------|------|-------|------|-------|------|----|
| | | | | Indoor Temp. (°C DB) | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | |
| °C DB | °C WB | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | TC | PI |
| 70 | -14.7 | -15 | 23.60 | 7.80 | 23.60 | 7.95 | 23.60 | 8.18 | 23.60 | 8.25 | 23.60 | 8.33 | 22.90 | 8.02 | |
| | -12.6 | -13 | 24.80 | 7.95 | 24.80 | 8.10 | 24.80 | 8.25 | 24.80 | 8.33 | 24.50 | 8.10 | 22.90 | 7.58 | |
| | -10.5 | -11 | 26.00 | 8.02 | 26.00 | 8.25 | 26.20 | 8.25 | 25.30 | 7.88 | 24.50 | 7.72 | 22.90 | 7.16 | |
| | -9.5 | -10 | 27.10 | 8.10 | 27.10 | 8.25 | 26.20 | 8.02 | 25.30 | 7.72 | 24.50 | 7.50 | 22.90 | 6.90 | |
| | -8.5 | -9.1 | 28.20 | 8.18 | 28.20 | 8.33 | 26.20 | 7.80 | 25.30 | 7.50 | 24.50 | 7.28 | 22.90 | 6.75 | |
| | -7 | -7.6 | 29.50 | 8.25 | 27.90 | 8.02 | 26.20 | 7.58 | 25.30 | 7.27 | 24.50 | 7.02 | 22.90 | 6.49 | |
| | -5 | -5.6 | 29.60 | 8.25 | 27.90 | 7.72 | 26.20 | 7.16 | 25.30 | 6.94 | 24.50 | 6.68 | 22.90 | 6.19 | |
| | -3 | -3.7 | 29.60 | 7.88 | 27.90 | 7.35 | 26.20 | 6.86 | 25.30 | 6.64 | 24.50 | 6.38 | 22.90 | 5.91 | |
| | 0 | -0.7 | 29.60 | 7.34 | 27.90 | 6.86 | 26.20 | 6.41 | 25.30 | 6.19 | 24.50 | 5.99 | 22.90 | 5.54 | |
| | 3 | 2.2 | 29.60 | 6.90 | 27.90 | 6.49 | 26.20 | 6.04 | 25.30 | 5.84 | 24.50 | 5.63 | 22.90 | 5.25 | |
| | 5 | 4.1 | 29.60 | 6.64 | 27.90 | 6.22 | 26.20 | 5.81 | 25.30 | 5.63 | 24.50 | 5.44 | 22.90 | 5.06 | |
| | 8.3 | 6.1 | 29.60 | 6.40 | 27.90 | 6.00 | 26.20 | 5.63 | 25.30 | 5.44 | 24.50 | 5.25 | 22.90 | 4.88 | |
| | 9 | 7.9 | 29.60 | 6.19 | 27.90 | 5.81 | 26.20 | 5.44 | 25.30 | 5.25 | 24.50 | 5.06 | 22.90 | 4.72 | |
| | 11 | 9.8 | 29.60 | 5.97 | 27.90 | 5.60 | 26.20 | 5.25 | 25.30 | 5.07 | 24.50 | 4.91 | 22.90 | 4.58 | |
| | 13 | 11.8 | 29.60 | 5.76 | 27.90 | 5.43 | 26.20 | 5.08 | 25.30 | 4.91 | 24.50 | 4.77 | 22.90 | 4.43 | |
| | 15 | 13.7 | 29.60 | 5.59 | 27.90 | 5.25 | 26.20 | 4.94 | 25.30 | 4.77 | 24.50 | 4.61 | 22.90 | 4.31 | |
| | 19 | 14.2 | 29.60 | 5.42 | 27.90 | 5.02 | 26.20 | 4.76 | 25.30 | 4.69 | 24.50 | 4.40 | 22.90 | 4.17 | |
| | 21 | 15 | 29.60 | 5.16 | 27.90 | 4.72 | 26.20 | 4.51 | 25.30 | 4.34 | 24.50 | 4.20 | 22.90 | 3.93 | |
| 60 | -14.7 | -15 | 23.60 | 8.25 | 23.60 | 8.33 | 22.40 | 7.88 | 21.80 | 7.50 | 21.00 | 7.27 | 19.50 | 6.72 | |
| | -12.6 | -13 | 24.80 | 8.33 | 23.90 | 7.88 | 22.40 | 7.35 | 21.80 | 7.09 | 21.00 | 6.84 | 19.50 | 6.34 | |
| | -10.5 | -11 | 25.30 | 7.88 | 23.90 | 7.50 | 22.40 | 6.97 | 21.80 | 6.72 | 21.00 | 6.49 | 19.50 | 6.00 | |
| | -9.5 | -10 | 25.30 | 7.72 | 23.90 | 7.25 | 22.40 | 6.75 | 21.80 | 6.52 | 21.00 | 6.30 | 19.50 | 5.84 | |
| | -8.5 | -9.1 | 25.30 | 7.50 | 23.90 | 7.09 | 22.40 | 6.62 | 21.80 | 6.38 | 21.00 | 6.15 | 19.50 | 5.70 | |
| | -7 | -7.6 | 25.30 | 7.27 | 23.90 | 6.83 | 22.40 | 6.38 | 21.80 | 6.15 | 21.00 | 5.98 | 19.50 | 5.52 | |
| | -5 | -5.6 | 25.30 | 6.94 | 23.90 | 6.49 | 22.40 | 6.08 | 21.80 | 5.85 | 21.00 | 5.63 | 19.50 | 5.25 | |
| | -3 | -3.7 | 25.30 | 6.66 | 23.90 | 6.21 | 22.40 | 5.81 | 21.80 | 5.63 | 21.00 | 5.44 | 19.50 | 5.04 | |
| | 0 | -0.7 | 25.30 | 6.19 | 23.90 | 5.81 | 22.40 | 5.46 | 21.80 | 5.25 | 21.00 | 5.09 | 19.50 | 4.72 | |
| | 3 | 2.2 | 25.30 | 5.82 | 23.90 | 5.50 | 22.40 | 5.16 | 21.80 | 4.95 | 21.00 | 4.80 | 19.50 | 4.50 | |
| | 5 | 4.1 | 25.30 | 5.63 | 23.90 | 5.29 | 22.40 | 4.95 | 21.80 | 4.80 | 21.00 | 4.65 | 19.50 | 4.35 | |
| | 8.3 | 6.1 | 25.30 | 5.44 | 23.90 | 5.11 | 22.40 | 4.80 | 21.80 | 4.65 | 21.00 | 4.50 | 19.50 | 4.20 | |
| | 9 | 7.9 | 25.30 | 5.25 | 23.90 | 4.95 | 22.40 | 4.65 | 21.80 | 4.50 | 21.00 | 4.35 | 19.50 | 4.06 | |
| | 11 | 9.8 | 25.30 | 5.07 | 23.90 | 4.77 | 22.40 | 4.50 | 21.80 | 4.35 | 21.00 | 4.24 | 19.50 | 3.93 | |
| | 13 | 11.8 | 25.30 | 4.91 | 23.90 | 4.62 | 22.40 | 4.35 | 21.80 | 4.24 | 21.00 | 4.09 | 19.50 | 3.82 | |
| | 15 | 13.7 | 25.30 | 4.77 | 23.90 | 4.50 | 22.40 | 4.24 | 21.80 | 4.10 | 21.00 | 3.98 | 19.50 | 3.71 | |
| | 19 | 14.2 | 25.30 | 4.58 | 23.90 | 4.34 | 22.40 | 4.02 | 21.80 | 3.87 | 21.00 | 3.77 | 19.50 | 3.57 | |
| | 21 | 15 | 25.30 | 4.35 | 23.90 | 4.14 | 22.40 | 3.86 | 21.80 | 3.74 | 21.00 | 3.64 | 19.50 | 3.37 | |
| 50 | -14.7 | -15 | 21.10 | 7.29 | 19.90 | 6.83 | 18.70 | 6.38 | 18.10 | 6.16 | 17.50 | 5.97 | 16.30 | 5.52 | |
| | -12.6 | -13 | 21.10 | 6.86 | 19.90 | 6.45 | 18.70 | 6.04 | 18.10 | 5.83 | 17.50 | 5.63 | 16.30 | 5.25 | |
| | -10.5 | -11 | 21.10 | 6.50 | 19.90 | 6.11 | 18.70 | 5.73 | 18.10 | 5.52 | 17.50 | 5.33 | 16.30 | 4.95 | |
| | -9.5 | -10 | 21.10 | 6.34 | 19.90 | 5.93 | 18.70 | 5.59 | 18.10 | 5.39 | 17.50 | 5.22 | 16.30 | 4.84 | |
| | -8.5 | -9.1 | 21.10 | 6.19 | 19.90 | 5.81 | 18.70 | 5.44 | 18.10 | 5.25 | 17.50 | 5.09 | 16.30 | 4.72 | |
| | -7 | -7.6 | 21.10 | 5.97 | 19.90 | 5.59 | 18.70 | 5.25 | 18.10 | 5.08 | 17.50 | 4.91 | 16.30 | 4.58 | |
| | -5 | -5.6 | 21.10 | 5.68 | 19.90 | 5.36 | 18.70 | 5.01 | 18.10 | 4.84 | 17.50 | 4.68 | 16.30 | 4.39 | |
| | -3 | -3.7 | 21.10 | 5.44 | 19.90 | 5.14 | 18.70 | 4.81 | 18.10 | 4.66 | 17.50 | 4.50 | 16.30 | 4.20 | |
| | 0 | -0.7 | 21.10 | 5.10 | 19.90 | 4.84 | 18.70 | 4.54 | 18.10 | 4.39 | 17.50 | 4.25 | 16.30 | 3.98 | |
| | 3 | 2.2 | 21.10 | 4.84 | 19.90 | 4.56 | 18.70 | 4.28 | 18.10 | 4.16 | 17.50 | 4.02 | 16.30 | 3.75 | |
| | 5 | 4.1 | 21.10 | 4.66 | 19.90 | 4.41 | 18.70 | 4.16 | 18.10 | 4.02 | 17.50 | 3.90 | 16.30 | 3.68 | |
| | 8.3 | 6.1 | 21.10 | 4.50 | 19.90 | 4.26 | 18.70 | 4.02 | 18.10 | 3.90 | 17.50 | 3.79 | 16.30 | 3.52 | |
| | 9 | 7.9 | 21.10 | 4.36 | 19.90 | 4.13 | 18.70 | 3.90 | 18.10 | 3.79 | 17.50 | 3.66 | 16.30 | 3.45 | |
| | 11 | 9.8 | 21.10 | 4.24 | 19.90 | 4.02 | 18.70 | 3.79 | 18.10 | 3.68 | 17.50 | 3.56 | 16.30 | 3.34 | |
| | 13 | 11.8 | 21.10 | 4.10 | 19.90 | 3.87 | 18.70 | 3.66 | 18.10 | 3.56 | 17.50 | 3.45 | 16.30 | 3.23 | |
| | 15 | 13.7 | 21.10 | 3.99 | 19.90 | 3.79 | 18.70 | 3.56 | 18.10 | 3.49 | 17.50 | 3.35 | 16.30 | 3.15 | |
| | 19 | 14.2 | 21.10 | 3.85 | 19.90 | 3.65 | 18.70 | 3.39 | 18.10 | 3.30 | 17.50 | 3.19 | 16.30 | 3.06 | |
| | 21 | 15 | 21.10 | 3.73 | 19.90 | 3.38 | 18.70 | 3.23 | 18.10 | 3.18 | 17.50 | 3.07 | 16.30 | 2.94 | |

Capacity table

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

| | | YCV400HR | | | | | | | | Heating Capacity | | | | | | | | |
|---------------------|---------------|----------------------|-------|-------|-------|-------|-------|-------|-------|------------------|-------|-------|-------|-------|----|----|----|----|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | |
| °C DB | | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| 130 | -14.7 | -15 | 26.80 | 6.96 | 26.80 | 7.37 | 26.80 | 7.78 | 26.80 | 7.98 | 26.80 | 8.19 | 26.80 | 8.60 | | | | |
| | -12.6 | -13 | 28.40 | 7.39 | 28.40 | 7.78 | 28.40 | 8.16 | 28.40 | 8.35 | 28.40 | 8.55 | 28.40 | 8.93 | | | | |
| | -10.5 | -11 | 30.20 | 7.77 | 30.20 | 8.13 | 30.20 | 8.50 | 30.20 | 8.68 | 30.20 | 8.87 | 30.20 | 9.21 | | | | |
| | -9.5 | -10 | 31.20 | 7.95 | 31.20 | 8.30 | 31.20 | 8.65 | 31.20 | 8.83 | 31.20 | 9.01 | 31.20 | 9.38 | | | | |
| | -8.5 | -9.1 | 31.90 | 8.10 | 31.90 | 8.44 | 31.90 | 8.78 | 31.90 | 8.96 | 31.90 | 9.11 | 31.90 | 9.47 | | | | |
| | -7 | -7.6 | 33.20 | 8.33 | 33.20 | 8.66 | 33.20 | 8.99 | 33.20 | 9.21 | 33.20 | 9.29 | 33.20 | 9.66 | | | | |
| | -5 | -5.6 | 35.00 | 8.60 | 35.00 | 8.92 | 35.00 | 9.21 | 35.00 | 9.38 | 35.00 | 9.56 | 35.00 | 9.84 | | | | |
| | -3 | -3.7 | 36.60 | 8.86 | 36.60 | 9.11 | 36.60 | 9.47 | 36.60 | 9.66 | 36.60 | 9.74 | 36.60 | 10.10 | | | | |
| | 0 | -0.7 | 39.20 | 9.21 | 39.20 | 9.47 | 39.20 | 9.74 | 39.20 | 9.92 | 39.20 | 10.01 | 39.20 | 10.29 | | | | |
| | 3 | 2.2 | 41.70 | 9.47 | 41.70 | 9.74 | 41.70 | 10.01 | 41.70 | 10.10 | 41.70 | 10.29 | 41.70 | 10.55 | | | | |
| | 5 | 4.1 | 43.30 | 9.66 | 43.30 | 9.92 | 43.30 | 10.19 | 43.30 | 10.29 | 43.30 | 10.47 | 43.30 | 10.64 | | | | |
| | 8.3 | 6.1 | 45.00 | 9.84 | 45.00 | 10.10 | 45.00 | 10.29 | 45.00 | 10.47 | 45.00 | 10.55 | 45.00 | 10.82 | | | | |
| | 9 | 7.9 | 46.60 | 9.92 | 46.60 | 10.19 | 46.60 | 10.47 | 46.60 | 10.55 | 46.60 | 10.64 | 46.60 | 10.92 | | | | |
| | 11 | 9.8 | 48.20 | 10.10 | 48.20 | 10.29 | 48.20 | 10.55 | 48.20 | 10.64 | 48.20 | 10.82 | 48.20 | 11.00 | | | | |
| | 13 | 11.8 | 49.00 | 10.19 | 49.00 | 10.47 | 49.00 | 10.64 | 49.00 | 10.82 | 49.00 | 10.92 | 49.00 | 11.10 | | | | |
| | 15 | 13.7 | 51.60 | 10.37 | 51.60 | 10.55 | 51.60 | 10.74 | 51.60 | 10.92 | 51.60 | 11.00 | 51.60 | 11.10 | | | | |
| | 19 | 14.2 | 51.60 | 10.47 | 51.60 | 10.67 | 51.60 | 10.83 | 51.60 | 11.01 | 51.60 | 11.11 | 51.60 | 11.78 | | | | |
| | 21 | 15 | 51.60 | 10.55 | 51.60 | 10.77 | 51.60 | 10.94 | 51.60 | 11.07 | 51.60 | 10.93 | 51.60 | 10.68 | | | | |
| 120 | -14.7 | -15 | 26.80 | 7.51 | 26.80 | 7.89 | 26.80 | 8.27 | 26.80 | 8.46 | 26.80 | 8.65 | 26.80 | 9.02 | | | | |
| | -12.6 | -13 | 28.40 | 7.91 | 28.40 | 8.27 | 28.40 | 8.62 | 28.40 | 8.80 | 28.40 | 8.99 | 28.40 | 9.38 | | | | |
| | -10.5 | -11 | 30.20 | 8.27 | 30.20 | 8.59 | 30.20 | 8.93 | 30.20 | 9.11 | 30.20 | 9.29 | 30.20 | 9.66 | | | | |
| | -9.5 | -10 | 31.20 | 8.43 | 31.20 | 8.75 | 31.20 | 9.11 | 31.20 | 9.21 | 31.20 | 9.38 | 31.20 | 9.74 | | | | |
| | -8.5 | -9.1 | 31.90 | 8.56 | 31.90 | 8.88 | 31.90 | 9.21 | 31.90 | 9.38 | 31.90 | 9.56 | 31.90 | 9.84 | | | | |
| | -7 | -7.6 | 33.20 | 8.77 | 33.20 | 9.11 | 33.20 | 9.38 | 33.20 | 9.56 | 33.20 | 9.66 | 33.20 | 10.01 | | | | |
| | -5 | -5.6 | 35.00 | 9.02 | 35.00 | 9.29 | 35.00 | 9.66 | 35.00 | 9.74 | 35.00 | 9.95 | 35.00 | 10.19 | | | | |
| | -3 | -3.7 | 36.60 | 9.29 | 36.60 | 9.56 | 36.60 | 9.84 | 36.60 | 9.92 | 36.60 | 10.14 | 36.60 | 10.37 | | | | |
| | 0 | -0.7 | 39.20 | 9.56 | 39.20 | 9.84 | 39.20 | 10.10 | 39.20 | 10.19 | 39.20 | 10.37 | 39.20 | 10.64 | | | | |
| | 3 | 2.2 | 41.70 | 9.84 | 41.70 | 10.10 | 41.70 | 10.37 | 41.70 | 10.47 | 41.70 | 10.55 | 41.70 | 10.82 | | | | |
| | 5 | 4.1 | 43.30 | 10.01 | 43.30 | 10.19 | 43.30 | 10.47 | 43.30 | 10.55 | 43.30 | 10.74 | 43.30 | 10.92 | | | | |
| | 8.3 | 6.1 | 45.00 | 10.10 | 45.00 | 10.37 | 45.00 | 10.64 | 45.00 | 10.74 | 45.00 | 10.82 | 45.00 | 11.10 | | | | |
| | 9 | 7.9 | 46.60 | 10.29 | 46.60 | 10.47 | 46.60 | 10.74 | 46.60 | 10.82 | 46.60 | 10.92 | 46.60 | 11.19 | | | | |
| | 11 | 9.8 | 48.20 | 10.37 | 48.20 | 10.64 | 48.20 | 10.82 | 48.20 | 10.92 | 48.20 | 11.00 | 48.20 | 11.82 | | | | |
| | 13 | 11.8 | 49.00 | 10.55 | 49.00 | 10.74 | 49.00 | 10.92 | 49.00 | 11.00 | 49.00 | 11.19 | 49.00 | 11.47 | | | | |
| | 15 | 13.7 | 51.60 | 10.64 | 51.60 | 10.82 | 51.60 | 11.00 | 51.60 | 11.10 | 51.60 | 10.92 | 51.60 | 11.01 | | | | |
| | 19 | 14.2 | 51.60 | 10.73 | 51.60 | 10.92 | 51.60 | 11.01 | 51.60 | 10.99 | 51.60 | 10.73 | 51.60 | 10.73 | | | | |
| | 21 | 15 | 51.60 | 10.84 | 51.60 | 11.00 | 51.60 | 11.08 | 51.60 | 10.91 | 51.60 | 10.40 | 51.60 | 10.40 | | | | |
| 110 | -14.7 | -15 | 26.80 | 8.07 | 26.80 | 8.42 | 26.80 | 8.75 | 26.80 | 8.93 | 26.80 | 9.11 | 26.80 | 9.47 | | | | |
| | -12.6 | -13 | 28.40 | 8.43 | 28.40 | 8.76 | 28.40 | 9.11 | 28.40 | 9.29 | 28.40 | 9.38 | 28.40 | 9.74 | | | | |
| | -10.5 | -11 | 30.20 | 8.75 | 30.20 | 9.02 | 30.20 | 9.38 | 30.20 | 9.56 | 30.20 | 9.66 | 30.20 | 10.01 | | | | |
| | -9.5 | -10 | 31.20 | 8.90 | 31.20 | 9.21 | 31.20 | 9.47 | 31.20 | 9.66 | 31.20 | 9.84 | 31.20 | 10.10 | | | | |
| | -8.5 | -9.1 | 31.90 | 9.02 | 31.90 | 9.29 | 31.90 | 9.66 | 31.90 | 9.76 | 31.90 | 9.92 | 31.90 | 10.19 | | | | |
| | -7 | -7.6 | 33.20 | 9.21 | 33.20 | 9.47 | 33.20 | 9.74 | 33.20 | 9.95 | 33.20 | 10.10 | 33.20 | 10.37 | | | | |
| | -5 | -5.6 | 35.00 | 9.47 | 35.00 | 9.74 | 35.00 | 10.01 | 35.00 | 10.14 | 35.00 | 10.29 | 35.00 | 10.55 | | | | |
| | -3 | -3.7 | 36.60 | 9.66 | 36.60 | 9.92 | 36.60 | 10.19 | 36.60 | 10.24 | 36.60 | 10.47 | 36.60 | 10.64 | | | | |
| | 0 | -0.7 | 39.20 | 9.92 | 39.20 | 10.19 | 39.20 | 10.47 | 39.20 | 10.53 | 39.20 | 10.64 | 39.20 | 10.92 | | | | |
| | 3 | 2.2 | 41.70 | 10.19 | 41.70 | 10.47 | 41.70 | 10.64 | 41.70 | 10.74 | 41.70 | 10.92 | 41.70 | 11.10 | | | | |
| | 5 | 4.1 | 43.30 | 10.37 | 43.30 | 10.55 | 43.30 | 10.74 | 43.30 | 10.92 | 43.30 | 11.00 | 43.30 | 11.10 | | | | |
| | 8.3 | 6.1 | 45.00 | 10.47 | 45.00 | 10.64 | 45.00 | 10.92 | 45.00 | 11.00 | 45.00 | 11.10 | 45.00 | 11.47 | | | | |
| | 9 | 7.9 | 46.60 | 10.64 | 46.60 | 10.82 | 46.60 | 11.00 | 46.60 | 11.10 | 46.60 | 11.30 | 46.60 | 11.59 | | | | |
| | 11 | 9.8 | 48.20 | 10.74 | 48.20 | 10.92 | 48.20 | 11.10 | 48.20 | 11.20 | 48.20 | 11.40 | 48.20 | 11.84 | | | | |
| | 13 | 11.8 | 49.00 | 10.82 | 49.00 | 11.00 | 49.00 | 11.20 | 49.00 | 11.30 | 49.00 | 11.50 | 49.00 | 11.97 | | | | |
| | 15 | 13.7 | 51.60 | 10.92 | 51.60 | 11.10 | 51.60 | 10.64 | 47.90 | 10.29 | 46.30 | 9.84 | 43.20 | 9.11 | | | | |
| | 19 | 14.2 | 51.60 | 10.20 | 51.60 | 10.99 | 49.60 | 11.00 | 47.90 | 10.64 | 46.30 | 9.50 | 43.20 | 8.81 | | | | |
| | 21 | 15 | 51.60 | 10.29 | 51.60 | 10.68 | 49.60 | 9.75 | 47.90 | 9.57 | 46.30 | 9.23 | 43.20 | 8.69 | | | | |

| | | YCV400HR | | | | | | | | Heating Capacity | | | | | | | | | | | |
|---------------------|---------------|----------------------|-------|-------|-------|-------|-------|-------|-------|------------------|-------|-------|-------|-------|----|----|----|----|----|----|--|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | | | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | | |
| 100 | °C DB | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | |
| | -14.7 | -15 | 26.80 | 8.62 | 26.80 | 8.94 | 26.80 | 9.29 | 26.80 | 9.38 | 26.80 | 9.56 | 26.80 | 9.92 | | | | | | | |
| | -12.6 | -13 | 28.40 | 8.96 | 28.40 | 9.29 | 28.40 | 9.56 | 28.40 | 9.66 | 28.40 | 9.84 | 28.40 | 10.10 | | | | | | | |
| | -10.5 | -11 | 30.20 | 9.29 | 30.20 | 9.56 | 30.20 | 9.84 | 30.20 | 9.92 | 30.20 | 10.10 | 30.20 | 10.37 | | | | | | | |
| | -9.5 | -10 | 31.20 | 9.38 | 31.20 | 9.66 | 31.20 | 9.92 | 31.20 | 10.10 | 31.20 | 10.19 | 31.20 | 10.47 | | | | | | | |
| | -8.5 | -9.1 | 31.90 | 9.47 | 31.90 | 9.74 | 31.90 | 10.01 | 31.90 | 10.24 | 31.90 | 10.29 | 31.90 | 10.55 | | | | | | | |
| | -7 | -7.6 | 33.20 | 9.66 | 33.20 | 9.92 | 33.20 | 10.19 | 33.20 | 10.24 | 33.20 | 10.47 | 33.20 | 10.74 | | | | | | | |
| | -5 | -5.6 | 35.00 | 9.92 | 35.00 | 10.10 | 35.00 | 10.37 | 35.00 | 10.43 | 35.00 | 10.64 | 35.00 | 10.82 | | | | | | | |
| | -3 | -3.7 | 36.60 | 10.10 | 36.60 | 10.29 | 36.60 | 10.55 | 36.60 | 10.62 | 36.60 | 10.74 | 36.60 | 11.00 | | | | | | | |
| | 0 | -0.7 | 39.20 | 10.37 | 39.20 | 10.55 | 39.20 | 10.74 | 39.20 | 10.91 | 39.20 | 11.00 | 39.20 | 11.19 | | | | | | | |
| | 3 | 2.2 | 41.70 | 10.55 | 41.70 | 10.74 | 41.70 | 11.00 | 41.70 | 11.10 | 41.70 | 11.19 | 41.70 | 10.47 | | | | | | | |
| | 5 | 4.1 | 43.30 | 10.64 | 43.30 | 10.92 | 43.30 | 11.10 | 43.30 | 11.19 | 42.10 | 10.82 | 39.30 | 10.01 | | | | | | | |
| | 8.3 | 6.1 | 45.00 | 10.82 | 45.00 | 11.00 | 45.00 | 11.10 | 43.60 | 10.74 | 42.10 | 10.37 | 39.30 | 9.56 | | | | | | | |
| | 9 | 7.9 | 46.60 | 10.92 | 46.60 | 11.10 | 45.00 | 10.74 | 43.60 | 10.37 | 42.10 | 9.92 | 39.30 | 9.21 | | | | | | | |
| | 11 | 9.8 | 48.20 | 11.00 | 47.90 | 11.10 | 45.00 | 10.29 | 43.60 | 9.92 | 42.10 | 9.56 | 39.30 | 8.85 | | | | | | | |
| | 13 | 11.8 | 49.00 | 11.10 | 47.90 | 10.64 | 45.00 | 9.92 | 43.60 | 9.56 | 42.10 | 9.21 | 39.30 | 8.52 | | | | | | | |
| | 15 | 13.7 | 50.70 | 10.92 | 47.90 | 10.29 | 45.00 | 9.56 | 43.60 | 9.21 | 42.10 | 8.88 | 39.30 | 8.22 | | | | | | | |
| | 19 | 14.2 | 50.70 | 10.63 | 47.90 | 9.93 | 45.00 | 9.32 | 43.60 | 8.82 | 42.10 | 8.54 | 39.30 | 8.00 | | | | | | | |
| | 21 | 15 | 50.70 | 10.29 | 47.90 | 9.50 | 45.00 | 8.98 | 43.60 | 8.69 | 42.10 | 8.28 | 39.30 | 7.82 | | | | | | | |
| 90 | -14.7 | -15 | 26.80 | 9.21 | 26.80 | 9.47 | 26.80 | 9.74 | 26.80 | 9.92 | 26.80 | 10.01 | 26.80 | 10.29 | | | | | | | |
| | -12.6 | -13 | 28.40 | 9.47 | 28.40 | 9.74 | 28.40 | 10.01 | 28.40 | 10.10 | 28.40 | 10.29 | 28.40 | 10.55 | | | | | | | |
| | -10.5 | -11 | 30.20 | 9.74 | 30.20 | 10.01 | 30.20 | 10.29 | 30.20 | 10.37 | 30.20 | 10.47 | 30.20 | 10.74 | | | | | | | |
| | -9.5 | -10 | 31.20 | 9.84 | 31.20 | 10.10 | 31.20 | 10.37 | 31.20 | 10.47 | 31.20 | 10.55 | 31.20 | 10.92 | | | | | | | |
| | -8.5 | -9.1 | 31.90 | 9.92 | 31.90 | 10.19 | 31.90 | 10.47 | 31.90 | 10.55 | 31.90 | 10.64 | 31.90 | 10.92 | | | | | | | |
| | -7 | -7.6 | 33.20 | 10.10 | 33.20 | 10.37 | 33.20 | 10.55 | 33.20 | 10.74 | 33.20 | 10.82 | 33.20 | 11.00 | | | | | | | |
| | -5 | -5.6 | 35.00 | 10.29 | 35.00 | 10.55 | 35.00 | 10.74 | 35.00 | 10.82 | 35.00 | 11.00 | 35.00 | 11.19 | | | | | | | |
| | -3 | -3.7 | 36.60 | 10.47 | 36.60 | 10.74 | 36.60 | 10.92 | 36.60 | 11.00 | 36.60 | 11.10 | 36.60 | 11.29 | | | | | | | |
| | 0 | -0.7 | 39.20 | 10.74 | 41.70 | 11.10 | 40.60 | 10.82 | 39.10 | 11.19 | 37.80 | 10.74 | 35.20 | 9.92 | | | | | | | |
| | 3 | 2.2 | 41.70 | 10.92 | 41.70 | 11.10 | 40.60 | 10.82 | 39.10 | 10.47 | 37.80 | 10.01 | 35.20 | 9.29 | | | | | | | |
| | 5 | 4.1 | 43.30 | 11.00 | 43.20 | 11.10 | 40.60 | 10.37 | 39.10 | 10.01 | 37.80 | 9.56 | 35.20 | 8.88 | | | | | | | |
| | 8.3 | 6.1 | 45.00 | 11.10 | 43.20 | 10.64 | 40.60 | 9.92 | 39.10 | 9.56 | 37.80 | 9.21 | 35.20 | 8.53 | | | | | | | |
| | 9 | 7.9 | 45.80 | 10.92 | 43.20 | 10.19 | 40.60 | 9.56 | 39.10 | 9.21 | 37.80 | 8.86 | 35.20 | 8.20 | | | | | | | |
| | 11 | 9.8 | 45.80 | 10.47 | 43.20 | 9.84 | 40.60 | 9.21 | 39.10 | 8.84 | 37.80 | 8.53 | 35.20 | 7.90 | | | | | | | |
| | 13 | 11.8 | 45.80 | 10.10 | 43.20 | 9.47 | 40.60 | 8.81 | 39.10 | 8.51 | 37.80 | 8.21 | 35.20 | 7.62 | | | | | | | |
| | 15 | 13.7 | 45.80 | 9.74 | 43.20 | 9.11 | 40.60 | 8.51 | 39.10 | 8.22 | 37.80 | 7.93 | 35.20 | 7.35 | | | | | | | |
| | 19 | 14.2 | 45.80 | 9.50 | 43.20 | 8.85 | 40.60 | 8.24 | 39.10 | 7.97 | 37.80 | 7.65 | 35.20 | 7.09 | | | | | | | |
| | 21 | 15 | 45.80 | 9.16 | 43.20 | 8.53 | 40.60 | 8.09 | 39.10 | 7.71 | 37.80 | 7.38 | 35.20 | 6.80 | | | | | | | |
| 80 | -14.7 | -15 | 26.80 | 9.74 | 26.80 | 10.01 | 26.80 | 10.29 | 26.80 | 10.37 | 26.80 | 10.47 | 26.80 | 10.74 | | | | | | | |
| | -12.6 | -13 | 28.40 | 10.01 | 28.40 | 10.19 | 28.40 | 10.47 | 28.40 | 10.55 | 28.40 | 10.74 | 28.40 | 10.92 | | | | | | | |
| | -10.5 | -11 | 30.20 | 10.19 | 30.20 | 10.47 | 30.20 | 10.64 | 30.20 | 10.82 | 30.20 | 10.92 | 30.20 | 11.10 | | | | | | | |
| | -9.5 | -10 | 31.20 | 10.37 | 31.20 | 10.55 | 31.20 | 10.74 | 31.20 | 10.92 | 31.20 | 11.00 | 31.20 | 11.19 | | | | | | | |
| | -8.5 | -9.1 | 31.90 | 10.47 | 31.90 | 10.64 | 31.90 | 10.82 | 31.90 | 11.00 | 31.90 | 11.10 | 31.90 | 11.30 | | | | | | | |
| | -7 | -7.6 | 33.20 | 10.55 | 33.20 | 10.74 | 33.20 | 11.00 | 33.20 | 11.10 | 33.20 | 11.19 | 33.20 | 11.30 | | | | | | | |
| | -5 | -5.6 | 35.00 | 10.74 | 35.00 | 10.92 | 35.00 | 11.10 | 34.80 | 11.19 | 33.70 | 10.74 | 31.30 | 9.92 | | | | | | | |
| | -3 | -3.7 | 36.60 | 10.92 | 36.60 | 11.10 | 36.60 | 11.00 | 34.80 | 10.55 | 33.70 | 10.19 | 31.30 | 9.38 | | | | | | | |
| | 0 | -0.7 | 39.20 | 11.10 | 38.30 | 10.92 | 36.00 | 10.19 | 34.80 | 9.84 | 33.70 | 9.38 | 31.30 | 8.72 | | | | | | | |
| | 3 | 2.2 | 40.70 | 10.82 | 38.30 | 10.19 | 36.00 | 9.47 | 34.80 | 9.11 | 33.70 | 8.80 | 31.30 | 8.15 | | | | | | | |
| | 5 | 4.1 | 40.70 | 10.37 | 38.30 | 9.74 | 36.00 | 9.11 | 34.80 | 8.75 | 33.70 | 8.43 | 31.30 | 7.82 | | | | | | | |
| | 8.3 | 6.1 | 40.70 | 9.92 | 38.30 | 9.29 | 36.00 | 8.71 | 34.80 | 8.41 | 33.70 | 8.11 | 31.30 | 7.52 | | | | | | | |
| | 9 | 7.9 | 40.70 | 9.56 | 38.30 | 8.96 | 36.00 | 8.37 | 34.80 | 8.09 | 33.70 | 7.80 | 31.30 | 7.24 | | | | | | | |
| | 11 | 9.8 | 40.70 | 9.21 | 38.30 | 8.62 | 36.00 | 8.07 | 34.80 | 7.80 | 33.70 | 7.52 | 31.30 | 6.99 | | | | | | | |
| | 13 | 11.8 | 40.70 | 8.85 | 38.30 | 8.30 | 36.00 | 7.77 | 34.80 | 7.50 | 33.70 | 7.24 | 31.30 | 6.74 | | | | | | | |
| | 15 | 13.7 | 40.70 | 8.55 | 38.30 | 7.94 | 36.00 | 7.50 | 34.80 | 7.25 | 33.70 | 7.01 | 31.30 | 6.53 | | | | | | | |
| | 19 | 14.2 | 40.70 | 8.25 | 38.30 | 7.80 | 36.00 | 7.21 | 34.80 | 6.99 | 33.70 | 6.71 | 31.30 | 6.36 | | | | | | | |
| | 21 | 15 | 40.70 | 8.02 | 38.30 | 7.46 | 36.00 | 7.01 | 34.80 | 6.76 | 33.70 | 6.48 | 31.30 | 6.03 | | | | | | | |

To be continued

Continued

| Capacity Factor (%) | | YCV400HR | | | | | | | | | | Heating Capacity | | | | | |
|---------------------|-------|---------------|-------|----------------------|-------|-------|-------|-------|-------|-------|-------|------------------|-------|-------|-------|-------|-------|
| | | Outdoor Temp. | | Indoor Temp. (°C DB) | | | | | | | | 21.1 | | | | 22 | |
| | | | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | |
| | | °C DB | °C WB | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | TC | kW | kW |
| 70 | -14.7 | -15 | 26.80 | 10.29 | 26.80 | 10.55 | 26.80 | 10.74 | 26.80 | 10.82 | 26.80 | 10.92 | 26.80 | 11.19 | 26.80 | 11.19 | 26.80 |
| | -12.6 | -13 | 28.40 | 10.55 | 28.40 | 10.74 | 28.40 | 10.92 | 28.40 | 11.00 | 28.40 | 11.19 | 28.40 | 11.49 | 27.40 | 10.74 | |
| | -10.5 | -11 | 30.20 | 10.74 | 30.20 | 10.92 | 30.20 | 11.10 | 30.20 | 11.19 | 29.50 | 10.82 | 27.40 | 10.01 | | | |
| | -9.5 | -10 | 31.20 | 10.82 | 31.20 | 11.00 | 31.20 | 11.19 | 30.50 | 10.92 | 29.50 | 10.47 | 27.40 | 9.66 | | | |
| | -8.5 | -9.1 | 31.90 | 10.92 | 31.90 | 11.10 | 31.60 | 11.00 | 30.50 | 10.64 | 29.50 | 10.19 | 27.40 | 9.47 | | | |
| | -7 | -7.6 | 33.20 | 11.00 | 33.20 | 11.19 | 31.60 | 10.55 | 30.50 | 10.10 | 29.50 | 9.74 | 27.40 | 9.02 | | | |
| | -5 | -5.6 | 35.00 | 11.19 | 33.50 | 10.64 | 31.60 | 9.92 | 30.50 | 9.56 | 29.50 | 9.21 | 27.40 | 8.55 | | | |
| | -3 | -3.7 | 35.60 | 10.82 | 33.50 | 10.10 | 31.60 | 9.47 | 30.50 | 9.11 | 29.50 | 8.77 | 27.40 | 8.12 | | | |
| | 0 | -0.7 | 35.60 | 10.01 | 33.50 | 9.38 | 31.60 | 8.76 | 30.50 | 8.45 | 29.50 | 8.14 | 27.40 | 7.56 | | | |
| | 3 | 2.2 | 35.60 | 9.38 | 33.50 | 8.76 | 31.60 | 8.18 | 30.50 | 7.90 | 29.50 | 7.64 | 27.40 | 7.08 | | | |
| | 5 | 4.1 | 35.60 | 8.95 | 33.50 | 8.40 | 31.60 | 7.86 | 30.50 | 7.59 | 29.50 | 7.33 | 27.40 | 6.81 | | | |
| | 8.3 | 6.1 | 35.60 | 8.58 | 33.50 | 8.07 | 31.60 | 7.55 | 30.50 | 7.30 | 29.50 | 7.04 | 27.40 | 6.55 | | | |
| | 9 | 7.9 | 35.60 | 8.27 | 33.50 | 7.76 | 31.60 | 7.27 | 30.50 | 7.02 | 29.50 | 6.79 | 27.40 | 6.33 | | | |
| | 11 | 9.8 | 35.60 | 7.95 | 33.50 | 7.48 | 31.60 | 7.01 | 30.50 | 6.78 | 29.50 | 6.51 | 27.40 | 6.11 | | | |
| | 13 | 11.8 | 35.60 | 7.66 | 33.50 | 7.21 | 31.60 | 6.77 | 30.50 | 6.55 | 29.50 | 6.33 | 27.40 | 5.90 | | | |
| | 15 | 13.7 | 35.60 | 7.41 | 33.50 | 6.98 | 31.60 | 6.55 | 30.50 | 6.33 | 29.50 | 6.12 | 27.40 | 5.72 | | | |
| | 19 | 14.2 | 35.60 | 7.03 | 33.50 | 6.78 | 31.60 | 6.36 | 30.50 | 6.04 | 29.50 | 5.78 | 27.40 | 5.48 | | | |
| | 21 | 15 | 35.60 | 6.78 | 33.50 | 6.45 | 31.60 | 6.08 | 30.50 | 5.76 | 29.50 | 5.49 | 27.40 | 5.19 | | | |
| 60 | -14.7 | -15 | 26.80 | 10.82 | 26.80 | 11.00 | 26.80 | 11.19 | 26.10 | 10.82 | 25.30 | 10.47 | 23.50 | 9.66 | | | |
| | -12.6 | -13 | 28.40 | 11.00 | 28.40 | 11.19 | 27.00 | 10.47 | 26.10 | 10.10 | 25.30 | 9.74 | 23.50 | 9.00 | | | |
| | -10.5 | -11 | 30.20 | 11.19 | 28.70 | 10.55 | 27.00 | 9.84 | 26.10 | 9.47 | 25.30 | 9.11 | 23.50 | 8.44 | | | |
| | -9.5 | -10 | 30.50 | 10.92 | 28.70 | 10.19 | 27.00 | 9.56 | 26.10 | 9.21 | 25.30 | 8.85 | 23.50 | 8.19 | | | |
| | -8.5 | -9.1 | 30.50 | 10.64 | 28.70 | 9.92 | 27.00 | 9.29 | 26.10 | 8.94 | 25.30 | 8.61 | 23.50 | 7.98 | | | |
| | -7 | -7.6 | 30.50 | 10.10 | 28.70 | 9.47 | 27.00 | 8.87 | 26.10 | 8.55 | 25.30 | 8.26 | 23.50 | 7.65 | | | |
| | -5 | -5.6 | 30.50 | 9.56 | 28.70 | 8.98 | 27.00 | 8.39 | 26.10 | 8.10 | 25.30 | 7.81 | 23.50 | 7.25 | | | |
| | -3 | -3.7 | 30.50 | 9.11 | 28.70 | 8.54 | 27.00 | 7.98 | 26.10 | 7.71 | 25.30 | 7.44 | 23.50 | 6.92 | | | |
| | 0 | -0.7 | 30.50 | 8.44 | 28.70 | 7.93 | 27.00 | 7.43 | 26.10 | 7.18 | 25.30 | 6.94 | 23.50 | 6.45 | | | |
| | 3 | 2.2 | 30.50 | 7.90 | 28.70 | 7.43 | 27.00 | 6.97 | 26.10 | 6.74 | 25.30 | 6.52 | 23.50 | 6.07 | | | |
| | 5 | 4.1 | 30.50 | 7.59 | 28.70 | 7.14 | 27.00 | 6.70 | 26.10 | 6.48 | 25.30 | 6.26 | 23.50 | 5.84 | | | |
| | 8.3 | 6.1 | 30.50 | 7.29 | 28.70 | 6.86 | 27.00 | 6.45 | 26.10 | 6.24 | 25.30 | 6.04 | 23.50 | 5.63 | | | |
| | 9 | 7.9 | 30.50 | 7.02 | 28.70 | 6.62 | 27.00 | 6.22 | 26.10 | 6.03 | 25.30 | 5.83 | 23.50 | 5.44 | | | |
| | 11 | 9.8 | 30.50 | 6.78 | 28.70 | 6.38 | 27.00 | 6.01 | 26.10 | 5.82 | 25.30 | 5.63 | 23.50 | 5.27 | | | |
| | 13 | 11.8 | 30.50 | 6.54 | 28.70 | 6.17 | 27.00 | 5.80 | 26.10 | 5.62 | 25.30 | 5.44 | 23.50 | 5.10 | | | |
| | 15 | 13.7 | 30.50 | 6.33 | 28.70 | 5.97 | 27.00 | 5.62 | 26.10 | 5.44 | 25.30 | 5.28 | 23.50 | 4.95 | | | |
| | 19 | 14.2 | 30.50 | 6.15 | 28.70 | 5.68 | 27.00 | 5.44 | 26.10 | 5.28 | 25.30 | 5.08 | 23.50 | 4.73 | | | |
| | 21 | 15 | 30.50 | 5.89 | 28.70 | 5.52 | 27.00 | 5.22 | 26.10 | 5.11 | 25.30 | 4.92 | 23.50 | 4.55 | | | |
| 50 | -14.7 | -15 | 25.30 | 10.47 | 23.90 | 9.84 | 22.50 | 9.21 | 21.70 | 8.86 | 21.00 | 8.54 | 19.60 | 7.91 | | | |
| | -12.6 | -13 | 25.30 | 9.84 | 23.90 | 9.21 | 22.50 | 8.57 | 21.70 | 8.28 | 21.00 | 7.98 | 19.60 | 7.41 | | | |
| | -10.5 | -11 | 25.30 | 9.21 | 23.90 | 8.60 | 22.50 | 8.05 | 21.70 | 7.78 | 21.00 | 7.50 | 19.60 | 6.98 | | | |
| | -9.5 | -10 | 25.30 | 8.90 | 23.90 | 8.34 | 22.50 | 7.81 | 21.70 | 7.55 | 21.00 | 7.29 | 19.60 | 6.77 | | | |
| | -8.5 | -9.1 | 25.30 | 8.66 | 23.90 | 8.12 | 22.50 | 7.62 | 21.70 | 7.35 | 21.00 | 7.10 | 19.60 | 6.60 | | | |
| | -7 | -7.6 | 25.30 | 8.30 | 23.90 | 7.80 | 22.50 | 7.30 | 21.70 | 7.05 | 21.00 | 6.82 | 19.60 | 6.35 | | | |
| | -5 | -5.6 | 25.30 | 7.86 | 23.90 | 7.39 | 22.50 | 6.93 | 21.70 | 6.70 | 21.00 | 6.48 | 19.60 | 6.04 | | | |
| | -3 | -3.7 | 25.30 | 7.48 | 23.90 | 7.04 | 22.50 | 6.61 | 21.70 | 6.39 | 21.00 | 6.19 | 19.60 | 5.77 | | | |
| | 0 | -0.7 | 25.30 | 6.98 | 23.90 | 6.56 | 22.50 | 6.17 | 21.70 | 5.98 | 21.00 | 5.78 | 19.60 | 5.41 | | | |
| | 3 | 2.2 | 25.30 | 6.54 | 23.90 | 6.17 | 22.50 | 5.81 | 21.70 | 5.63 | 21.00 | 5.44 | 19.60 | 5.10 | | | |
| | 5 | 4.1 | 25.30 | 6.30 | 23.90 | 5.94 | 22.50 | 5.60 | 21.70 | 5.43 | 21.00 | 5.14 | 19.60 | 4.92 | | | |
| | 8.3 | 6.1 | 25.30 | 6.07 | 23.90 | 5.73 | 22.50 | 5.40 | 21.70 | 5.23 | 21.00 | 5.07 | 19.60 | 4.76 | | | |
| | 9 | 7.9 | 25.30 | 5.86 | 23.90 | 5.53 | 22.50 | 5.22 | 21.70 | 5.06 | 21.00 | 4.91 | 19.60 | 4.60 | | | |
| | 11 | 9.8 | 25.30 | 5.66 | 23.90 | 5.35 | 22.50 | 5.05 | 21.70 | 4.90 | 21.00 | 4.76 | 19.60 | 4.46 | | | |
| | 13 | 11.8 | 25.30 | 5.47 | 23.90 | 5.18 | 22.50 | 4.89 | 21.70 | 4.75 | 21.00 | 4.60 | 19.60 | 4.33 | | | |
| | 15 | 13.7 | 25.30 | 5.30 | 23.90 | 5.02 | 22.50 | 4.75 | 21.70 | 4.61 | 21.00 | 4.47 | 19.60 | 4.20 | | | |
| | 19 | 14.2 | 25.30 | 5.14 | 23.90 | 4.82 | 22.50 | 4.57 | 21.70 | 4.40 | 21.00 | 4.32 | 19.60 | 4.02 | | | |
| | 21 | 15 | 25.30 | 4.80 | 23.90 | 4.69 | 22.50 | 4.46 | 21.70 | 4.22 | 21.00 | 4.14 | 19.60 | 3.86 | | | |

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

| Capacity Factor (%) | | Outdoor Temp. | | Heating Capacity | | | | | | | | | | | |
|---------------------|-------|---------------|-------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| | | | | Indoor Temp. (°C DB) | | | | | | | | | | | |
| | | | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| 130 | °C DB | °C WB | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| | -14.7 | -15 | 29.30 | 7.97 | 29.30 | 8.45 | 29.30 | 8.91 | 29.30 | 9.15 | 29.30 | 9.39 | 29.30 | 9.86 | |
| | -12.6 | -13 | 31.20 | 8.47 | 31.20 | 8.91 | 31.20 | 9.36 | 31.20 | 9.57 | 31.20 | 9.80 | 31.20 | 10.24 | |
| | -10.5 | -11 | 33.20 | 8.90 | 33.20 | 9.33 | 33.20 | 9.74 | 33.20 | 9.95 | 33.20 | 10.16 | 33.20 | 10.55 | |
| | -9.5 | -10 | 34.30 | 9.11 | 34.30 | 9.51 | 34.30 | 9.91 | 34.30 | 10.12 | 34.30 | 10.33 | 34.30 | 10.75 | |
| | -8.5 | -9.1 | 35.10 | 9.27 | 35.10 | 9.68 | 35.10 | 10.07 | 35.10 | 10.27 | 35.10 | 10.44 | 35.10 | 10.86 | |
| | -7 | -7.6 | 36.50 | 9.54 | 36.50 | 9.93 | 36.50 | 10.31 | 36.50 | 10.55 | 36.50 | 10.65 | 36.50 | 11.06 | |
| | -5 | -5.6 | 38.50 | 9.86 | 38.50 | 10.22 | 38.50 | 10.55 | 38.50 | 10.75 | 38.50 | 10.96 | 38.50 | 11.27 | |
| | -3 | -3.7 | 40.40 | 10.15 | 40.40 | 10.44 | 40.40 | 10.86 | 40.40 | 11.06 | 40.40 | 11.17 | 40.40 | 11.58 | |
| | 0 | -0.7 | 43.40 | 10.55 | 43.40 | 10.86 | 43.40 | 11.17 | 43.40 | 11.37 | 43.40 | 11.48 | 43.40 | 11.79 | |
| | 3 | 2.2 | 46.20 | 10.86 | 46.20 | 11.17 | 46.20 | 11.48 | 46.20 | 11.58 | 46.20 | 11.79 | 46.20 | 12.10 | |
| | 5 | 4.1 | 48.10 | 11.06 | 48.10 | 11.37 | 48.10 | 11.68 | 48.10 | 11.79 | 48.10 | 11.99 | 48.10 | 12.20 | |
| | 8.3 | 6.1 | 50.00 | 11.27 | 50.00 | 11.58 | 50.00 | 11.79 | 50.00 | 11.99 | 50.00 | 12.10 | 50.00 | 12.41 | |
| | 9 | 7.9 | 51.80 | 11.37 | 51.80 | 11.68 | 51.80 | 11.99 | 51.80 | 12.10 | 51.80 | 12.20 | 51.80 | 12.51 | |
| | 11 | 9.8 | 53.70 | 11.58 | 53.70 | 11.79 | 53.70 | 12.10 | 53.70 | 12.20 | 53.70 | 12.41 | 53.70 | 12.61 | |
| | 13 | 11.8 | 55.78 | 11.68 | 55.78 | 11.99 | 55.78 | 12.20 | 55.78 | 12.41 | 55.78 | 12.51 | 55.78 | 12.72 | |
| | 15 | 13.7 | 57.60 | 11.89 | 57.60 | 12.10 | 57.60 | 12.30 | 57.60 | 12.51 | 57.60 | 12.61 | 57.60 | 12.81 | |
| | 19 | 14.2 | 57.60 | 12.00 | 57.60 | 12.22 | 57.60 | 12.42 | 57.60 | 12.62 | 57.60 | 12.73 | 57.60 | 12.92 | |
| | 21 | 15 | 57.60 | 12.09 | 57.60 | 12.34 | 57.60 | 12.54 | 57.60 | 12.69 | 57.60 | 12.53 | 57.60 | 12.83 | |
| 120 | -14.7 | -15 | 29.30 | 8.61 | 29.30 | 9.05 | 29.30 | 9.48 | 29.30 | 9.70 | 29.30 | 9.91 | 29.30 | 10.34 | |
| | -12.6 | -13 | 31.20 | 9.07 | 31.20 | 9.47 | 31.20 | 9.88 | 31.20 | 10.09 | 31.20 | 10.30 | 31.20 | 10.75 | |
| | -10.5 | -11 | 33.20 | 9.47 | 33.20 | 9.85 | 33.20 | 10.24 | 33.20 | 10.44 | 33.20 | 10.65 | 33.20 | 11.06 | |
| | -9.5 | -10 | 34.30 | 9.66 | 34.30 | 10.03 | 34.30 | 10.44 | 34.30 | 10.55 | 34.30 | 10.75 | 34.30 | 11.17 | |
| | -8.5 | -9.1 | 35.10 | 9.81 | 35.10 | 10.17 | 35.10 | 10.55 | 35.10 | 10.75 | 35.10 | 10.96 | 35.10 | 11.27 | |
| | -7 | -7.6 | 36.50 | 10.06 | 36.50 | 10.44 | 36.50 | 10.75 | 36.50 | 10.96 | 36.50 | 11.10 | 36.50 | 11.48 | |
| | -5 | -5.6 | 38.50 | 10.34 | 38.50 | 10.65 | 38.50 | 11.06 | 38.50 | 11.17 | 38.50 | 11.40 | 38.50 | 11.68 | |
| | -3 | -3.7 | 40.40 | 10.65 | 40.40 | 10.96 | 40.40 | 11.27 | 40.40 | 11.37 | 40.40 | 11.60 | 40.40 | 11.89 | |
| | 0 | -0.7 | 43.40 | 10.96 | 43.40 | 11.27 | 43.40 | 11.58 | 43.40 | 11.68 | 43.40 | 11.89 | 43.40 | 12.20 | |
| | 3 | 2.2 | 46.20 | 11.27 | 46.20 | 11.58 | 46.20 | 11.89 | 46.20 | 11.99 | 46.20 | 12.10 | 46.20 | 12.41 | |
| | 5 | 4.1 | 48.10 | 11.48 | 48.10 | 11.68 | 48.10 | 11.99 | 48.10 | 12.10 | 48.10 | 12.30 | 48.10 | 12.51 | |
| | 8.3 | 6.1 | 50.00 | 11.58 | 50.00 | 11.89 | 50.00 | 12.20 | 50.00 | 12.30 | 50.00 | 12.41 | 50.00 | 12.72 | |
| | 9 | 7.9 | 51.80 | 11.79 | 51.80 | 11.99 | 51.80 | 12.30 | 51.80 | 12.41 | 51.80 | 12.51 | 51.80 | 12.82 | |
| | 11 | 9.8 | 53.70 | 11.89 | 53.70 | 12.20 | 53.70 | 12.41 | 53.70 | 12.51 | 53.70 | 12.61 | 53.70 | 12.91 | |
| | 13 | 11.8 | 55.78 | 12.10 | 55.78 | 12.30 | 55.78 | 12.51 | 55.78 | 12.61 | 55.78 | 12.82 | 55.78 | 12.99 | |
| | 15 | 13.7 | 57.60 | 12.20 | 57.60 | 12.41 | 57.60 | 12.61 | 57.60 | 12.72 | 57.60 | 12.81 | 57.60 | 12.98 | |
| | 19 | 14.2 | 57.60 | 12.30 | 57.60 | 12.51 | 57.60 | 12.63 | 57.60 | 12.60 | 57.60 | 12.30 | 57.60 | 11.20 | |
| | 21 | 15 | 57.60 | 12.43 | 57.60 | 12.61 | 57.60 | 12.70 | 57.60 | 12.50 | 57.60 | 11.92 | 57.60 | 11.00 | |
| 110 | -14.7 | -15 | 29.30 | 9.24 | 29.30 | 9.65 | 29.30 | 10.03 | 29.30 | 10.24 | 29.30 | 10.44 | 29.30 | 10.86 | |
| | -12.6 | -13 | 31.20 | 9.67 | 31.20 | 10.04 | 31.20 | 10.44 | 31.20 | 10.65 | 31.20 | 10.75 | 31.20 | 11.17 | |
| | -10.5 | -11 | 33.20 | 10.03 | 33.20 | 10.34 | 33.20 | 10.75 | 33.20 | 10.96 | 33.20 | 11.06 | 33.20 | 11.48 | |
| | -9.5 | -10 | 34.30 | 10.20 | 34.30 | 10.55 | 34.30 | 10.86 | 34.30 | 11.10 | 34.30 | 11.27 | 34.30 | 11.58 | |
| | -8.5 | -9.1 | 35.10 | 10.34 | 35.10 | 10.65 | 35.10 | 11.06 | 35.10 | 11.20 | 35.10 | 11.37 | 35.10 | 11.68 | |
| | -7 | -7.6 | 36.50 | 10.55 | 36.50 | 10.86 | 36.50 | 11.17 | 36.50 | 11.40 | 36.50 | 11.58 | 36.50 | 11.89 | |
| | -5 | -5.6 | 38.50 | 10.86 | 38.50 | 11.17 | 38.50 | 11.48 | 38.50 | 11.60 | 38.50 | 11.79 | 38.50 | 12.10 | |
| | -3 | -3.7 | 40.40 | 11.06 | 40.40 | 11.37 | 40.40 | 11.68 | 40.40 | 11.80 | 40.40 | 11.99 | 40.40 | 12.20 | |
| | 0 | -0.7 | 43.40 | 11.37 | 43.40 | 11.68 | 43.40 | 11.99 | 43.40 | 12.10 | 43.40 | 12.20 | 43.40 | 12.51 | |
| | 3 | 2.2 | 46.20 | 11.68 | 46.20 | 11.99 | 46.20 | 12.20 | 46.20 | 12.30 | 46.20 | 12.51 | 46.20 | 12.72 | |
| | 5 | 4.1 | 48.10 | 11.89 | 48.10 | 12.10 | 48.10 | 12.30 | 48.10 | 12.51 | 48.10 | 12.61 | 48.10 | 12.72 | |
| | 8.3 | 6.1 | 50.00 | 11.99 | 50.00 | 12.20 | 50.00 | 12.51 | 50.00 | 12.61 | 50.00 | 12.72 | 47.90 | 12.20 | |
| | 9 | 7.9 | 51.80 | 12.20 | 51.80 | 12.41 | 51.80 | 12.61 | 51.80 | 12.72 | 51.40 | 12.72 | 47.90 | 11.68 | |
| | 11 | 9.8 | 53.70 | 12.30 | 53.70 | 12.51 | 53.70 | 12.72 | 53.20 | 12.72 | 51.40 | 12.20 | 47.90 | 11.27 | |
| | 13 | 11.8 | 55.78 | 12.41 | 55.78 | 12.61 | 55.00 | 12.61 | 53.20 | 12.20 | 51.40 | 11.68 | 47.90 | 10.86 | |
| | 15 | 13.7 | 57.60 | 12.51 | 57.60 | 12.72 | 55.00 | 12.20 | 53.20 | 11.79 | 51.40 | 11.27 | 47.90 | 10.44 | |
| | 19 | 14.2 | 57.60 | 11.69 | 57.60 | 12.60 | 55.00 | 11.80 | 53.20 | 11.31 | 51.40 | 10.89 | 47.90 | 10.10 | |
| | 21 | 15 | 57.60 | 11.79 | 57.60 | 12.23 | 55.00 | 11.17 | 53.20 | 10.97 | 51.40 | 10.59 | 47.90 | 9.95 | |

To be continued

| | | YCV450HR | | | | Heating Capacity | | | | | | | | | | | |
|---------------------|---------------|----------------------|-------|-------|-------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| °C DB | | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| 100 | -14.7 | -15 | 29.30 | 9.88 | 29.30 | 10.25 | 29.30 | 10.65 | 29.30 | 10.75 | 29.30 | 10.96 | 29.30 | 11.37 | | | |
| | -12.6 | -13 | 31.20 | 10.27 | 31.20 | 10.65 | 31.20 | 10.96 | 31.20 | 11.06 | 31.20 | 11.27 | 31.20 | 11.58 | | | |
| | -10.5 | -11 | 33.20 | 10.65 | 33.20 | 10.96 | 33.20 | 11.27 | 33.20 | 11.37 | 33.20 | 11.58 | 33.20 | 11.89 | | | |
| | -9.5 | -10 | 34.30 | 10.75 | 34.30 | 11.06 | 34.30 | 11.37 | 34.30 | 11.58 | 34.30 | 11.68 | 34.30 | 11.99 | | | |
| | -8.5 | -9.1 | 35.10 | 10.86 | 35.10 | 11.17 | 35.10 | 11.48 | 35.10 | 11.68 | 35.10 | 11.79 | 35.10 | 11.99 | 35.10 | 12.10 | |
| | -7 | -7.6 | 36.50 | 11.06 | 36.50 | 11.37 | 36.50 | 11.68 | 36.50 | 11.79 | 36.50 | 11.99 | 36.50 | 12.30 | 36.50 | 12.30 | |
| | -5 | -5.6 | 38.50 | 11.37 | 38.50 | 11.58 | 38.50 | 11.89 | 38.50 | 11.99 | 38.50 | 12.20 | 38.50 | 12.41 | 38.50 | 12.41 | |
| | -3 | -3.7 | 40.40 | 11.58 | 40.40 | 11.79 | 40.40 | 12.10 | 40.40 | 12.20 | 40.40 | 12.30 | 40.40 | 12.61 | 40.40 | 12.61 | |
| | 0 | -0.7 | 43.40 | 11.89 | 43.40 | 12.10 | 43.40 | 12.30 | 43.40 | 12.51 | 43.40 | 12.61 | 43.40 | 12.82 | 43.40 | 12.82 | |
| | 3 | 2.2 | 46.20 | 12.10 | 46.20 | 12.30 | 46.20 | 12.61 | 46.20 | 12.72 | 46.20 | 12.82 | 46.20 | 13.00 | 46.20 | 13.00 | |
| | 5 | 4.1 | 48.10 | 12.20 | 48.10 | 12.51 | 48.10 | 12.72 | 48.10 | 12.82 | 48.10 | 12.91 | 48.10 | 13.00 | 48.10 | 13.00 | |
| | 8.3 | 6.1 | 50.00 | 12.41 | 50.00 | 12.61 | 50.00 | 13.50 | 48.40 | 12.30 | 48.40 | 11.89 | 48.40 | 11.96 | 48.40 | 11.96 | |
| | 9 | 7.9 | 51.80 | 12.51 | 51.80 | 12.72 | 50.00 | 12.30 | 48.40 | 11.89 | 46.80 | 11.37 | 46.80 | 10.96 | 43.60 | 10.55 | |
| | 11 | 9.8 | 53.70 | 12.61 | 53.20 | 12.72 | 50.00 | 11.79 | 48.40 | 11.37 | 46.80 | 10.96 | 43.60 | 10.14 | | | |
| | 13 | 11.8 | 55.78 | 12.72 | 53.20 | 12.20 | 50.00 | 11.37 | 48.40 | 10.96 | 46.80 | 10.55 | 43.60 | 9.76 | | | |
| | 15 | 13.7 | 56.40 | 12.51 | 53.20 | 11.79 | 50.00 | 10.96 | 48.40 | 10.55 | 46.80 | 10.17 | 43.60 | 9.42 | | | |
| | 19 | 14.2 | 56.40 | 12.18 | 53.20 | 11.38 | 50.00 | 10.69 | 48.40 | 10.11 | 46.80 | 9.78 | 43.60 | 9.17 | | | |
| | 21 | 15 | 56.40 | 11.79 | 53.20 | 10.89 | 50.00 | 10.28 | 48.40 | 9.95 | 46.80 | 9.49 | 43.60 | 8.96 | | | |
| 90 | -14.7 | -15 | 29.30 | 10.55 | 29.30 | 10.86 | 29.30 | 11.17 | 29.30 | 11.37 | 29.30 | 11.48 | 29.30 | 11.79 | | | |
| | -12.6 | -13 | 31.20 | 10.86 | 31.20 | 11.17 | 31.20 | 11.48 | 31.20 | 11.58 | 31.20 | 11.79 | 31.20 | 12.10 | | | |
| | -10.5 | -11 | 33.20 | 11.17 | 33.20 | 11.48 | 33.20 | 11.79 | 33.20 | 11.89 | 33.20 | 11.99 | 33.20 | 12.30 | | | |
| | -9.5 | -10 | 34.30 | 11.27 | 34.30 | 11.58 | 34.30 | 11.89 | 34.30 | 11.99 | 34.30 | 12.10 | 34.30 | 12.41 | | | |
| | -8.5 | -9.1 | 35.10 | 11.37 | 35.10 | 11.68 | 35.10 | 11.99 | 35.10 | 12.10 | 35.10 | 12.20 | 35.10 | 12.51 | | | |
| | -7 | -7.6 | 36.50 | 11.58 | 36.50 | 11.89 | 36.50 | 12.10 | 36.50 | 12.30 | 36.50 | 12.41 | 36.50 | 12.61 | | | |
| | -5 | -5.6 | 38.50 | 11.79 | 38.50 | 12.10 | 38.50 | 12.30 | 38.50 | 12.41 | 38.50 | 12.61 | 38.50 | 12.82 | | | |
| | -3 | -3.7 | 40.40 | 11.99 | 40.40 | 12.30 | 40.40 | 12.51 | 40.40 | 12.72 | 40.40 | 12.82 | 40.40 | 12.92 | | | |
| | 0 | -0.7 | 43.40 | 12.30 | 43.40 | 12.51 | 43.40 | 12.72 | 43.40 | 12.82 | 42.10 | 12.30 | 39.20 | 11.37 | | | |
| | 3 | 2.2 | 46.20 | 12.51 | 46.20 | 12.72 | 45.00 | 12.41 | 43.50 | 11.99 | 42.10 | 11.48 | 39.20 | 10.65 | | | |
| | 5 | 4.1 | 48.10 | 12.61 | 47.80 | 12.72 | 45.00 | 11.89 | 43.50 | 11.48 | 42.10 | 10.96 | 39.20 | 10.17 | | | |
| | 8.3 | 6.1 | 50.00 | 12.72 | 47.80 | 12.20 | 45.00 | 11.37 | 43.50 | 10.96 | 42.10 | 10.55 | 39.20 | 9.77 | | | |
| | 9 | 7.9 | 50.80 | 12.51 | 47.80 | 11.68 | 45.00 | 10.96 | 43.50 | 10.55 | 42.10 | 10.15 | 39.20 | 9.40 | | | |
| | 11 | 9.8 | 50.80 | 11.99 | 47.80 | 11.27 | 45.00 | 10.55 | 43.50 | 10.13 | 42.10 | 9.77 | 39.20 | 9.06 | | | |
| | 13 | 11.8 | 50.80 | 11.58 | 47.80 | 10.86 | 45.00 | 10.10 | 43.50 | 9.75 | 42.10 | 9.41 | 39.20 | 8.73 | | | |
| | 15 | 13.7 | 50.80 | 11.17 | 47.80 | 10.44 | 45.00 | 9.75 | 43.50 | 9.42 | 42.10 | 9.09 | 39.20 | 8.43 | | | |
| | 19 | 14.2 | 50.80 | 10.89 | 47.80 | 10.15 | 45.00 | 9.44 | 43.50 | 9.14 | 42.10 | 8.76 | 39.20 | 8.12 | | | |
| | 21 | 15 | 50.80 | 10.49 | 47.80 | 9.77 | 45.00 | 9.27 | 43.50 | 8.84 | 42.10 | 8.45 | 39.20 | 7.79 | | | |
| 80 | -14.7 | -15 | 29.30 | 11.17 | 29.30 | 11.48 | 29.30 | 11.79 | 29.30 | 11.89 | 29.30 | 11.99 | 29.30 | 12.30 | | | |
| | -12.6 | -13 | 31.20 | 11.48 | 31.20 | 11.68 | 31.20 | 11.99 | 31.20 | 12.10 | 31.20 | 12.30 | 31.20 | 12.51 | | | |
| | -10.5 | -11 | 33.20 | 11.68 | 33.20 | 11.99 | 33.20 | 12.20 | 33.20 | 12.41 | 33.20 | 12.51 | 33.20 | 12.72 | | | |
| | -9.5 | -10 | 34.30 | 11.89 | 34.30 | 12.10 | 34.30 | 12.30 | 34.30 | 12.51 | 34.30 | 12.61 | 34.30 | 12.82 | | | |
| | -8.5 | -9.1 | 35.10 | 11.99 | 35.10 | 12.20 | 35.10 | 12.41 | 35.10 | 12.61 | 35.10 | 12.72 | 34.80 | 12.61 | | | |
| | -7 | -7.6 | 36.50 | 12.10 | 36.50 | 12.30 | 36.50 | 12.61 | 36.50 | 12.72 | 36.50 | 12.82 | 34.80 | 11.99 | | | |
| | -5 | -5.6 | 38.50 | 12.30 | 38.50 | 12.51 | 38.50 | 12.72 | 38.60 | 12.82 | 37.40 | 12.30 | 34.80 | 11.37 | | | |
| | -3 | -3.7 | 40.40 | 12.51 | 40.40 | 12.72 | 40.00 | 12.61 | 38.60 | 12.10 | 37.40 | 11.68 | 34.80 | 10.75 | | | |
| | 0 | -0.7 | 43.40 | 12.72 | 42.50 | 12.51 | 40.00 | 11.68 | 38.60 | 11.27 | 37.40 | 10.75 | 34.80 | 9.99 | | | |
| | 3 | 2.2 | 45.10 | 12.41 | 42.50 | 11.68 | 40.00 | 10.86 | 38.60 | 10.44 | 37.40 | 10.09 | 34.80 | 9.35 | | | |
| | 5 | 4.1 | 45.10 | 11.89 | 42.50 | 11.17 | 40.00 | 10.44 | 38.60 | 10.03 | 37.40 | 9.67 | 34.80 | 8.96 | | | |
| | 8.3 | 6.1 | 45.10 | 11.37 | 42.50 | 10.65 | 40.00 | 9.98 | 38.60 | 9.64 | 37.40 | 9.29 | 34.80 | 8.62 | | | |
| | 9 | 7.9 | 45.10 | 10.96 | 42.50 | 10.27 | 40.00 | 9.59 | 38.60 | 9.26 | 37.40 | 8.94 | 34.80 | 8.30 | | | |
| | 11 | 9.8 | 45.10 | 10.55 | 42.50 | 9.88 | 40.00 | 9.24 | 38.60 | 8.93 | 37.40 | 8.62 | 34.80 | 8.00 | | | |
| | 13 | 11.8 | 45.10 | 10.14 | 42.50 | 9.51 | 40.00 | 8.90 | 38.60 | 8.60 | 37.40 | 8.30 | 34.80 | 7.72 | | | |
| | 15 | 13.7 | 45.10 | 9.79 | 42.50 | 9.10 | 40.00 | 8.60 | 38.60 | 8.31 | 37.40 | 8.03 | 34.80 | 7.47 | | | |
| | 19 | 14.2 | 45.10 | 9.45 | 42.50 | 8.94 | 40.00 | 8.26 | 38.60 | 8.00 | 37.40 | 7.69 | 34.80 | 7.29 | | | |
| | 21 | 15 | 45.10 | 9.18 | 42.50 | 8.55 | 40.00 | 8.04 | 38.60 | 7.75 | 37.40 | 7.43 | 34.80 | 6.90 | | | |

To be continued

Continued

Capacity table

| | | YCV450HR | | | | Heating Capacity | | | | | | | | | |
|---------------------|---------------|----------------------|-------|-------|-------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| °C DB | | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| 70 | -14.7 | -15 | 29.30 | 11.79 | 29.30 | 12.10 | 29.30 | 12.30 | 29.30 | 12.41 | 29.30 | 12.51 | 29.30 | 12.82 | |
| | -12.6 | -13 | 31.20 | 12.10 | 31.20 | 12.30 | 31.20 | 12.51 | 31.20 | 12.61 | 31.20 | 12.82 | 30.50 | 12.30 | |
| | -10.5 | -11 | 33.20 | 12.30 | 33.20 | 12.51 | 33.20 | 12.72 | 33.20 | 12.82 | 32.70 | 12.41 | 30.50 | 11.48 | |
| | -9.5 | -10 | 34.30 | 12.41 | 34.30 | 12.61 | 34.30 | 12.82 | 33.80 | 12.51 | 32.70 | 11.99 | 30.50 | 11.06 | |
| | -8.5 | -9.1 | 35.10 | 12.51 | 35.10 | 12.72 | 35.00 | 12.61 | 33.80 | 12.20 | 32.70 | 11.68 | 30.50 | 10.86 | |
| | -7 | -7.6 | 36.50 | 12.61 | 36.50 | 12.82 | 35.00 | 12.10 | 33.80 | 11.58 | 32.70 | 11.17 | 30.50 | 10.34 | |
| | -5 | -5.6 | 38.50 | 12.82 | 37.20 | 12.20 | 35.00 | 11.37 | 33.80 | 10.96 | 32.70 | 10.55 | 30.50 | 9.79 | |
| | -3 | -3.7 | 39.40 | 12.41 | 37.20 | 11.58 | 35.00 | 10.86 | 33.80 | 10.44 | 32.70 | 10.06 | 30.50 | 9.32 | |
| | 0 | -0.7 | 39.40 | 11.48 | 37.20 | 10.75 | 35.00 | 10.04 | 33.80 | 9.69 | 32.70 | 9.34 | 30.50 | 8.66 | |
| | 3 | 2.2 | 39.40 | 10.75 | 37.20 | 10.04 | 35.00 | 9.38 | 33.80 | 9.06 | 32.70 | 8.75 | 30.50 | 8.12 | |
| | 5 | 4.1 | 39.40 | 10.26 | 37.20 | 9.63 | 35.00 | 9.01 | 33.80 | 8.69 | 32.70 | 8.40 | 30.50 | 7.81 | |
| | 8.3 | 6.1 | 39.40 | 9.84 | 37.20 | 9.24 | 35.00 | 8.65 | 33.80 | 8.36 | 32.70 | 8.07 | 30.50 | 7.52 | |
| | 9 | 7.9 | 39.40 | 9.47 | 37.20 | 8.89 | 35.00 | 8.33 | 33.80 | 8.05 | 32.70 | 7.79 | 30.50 | 7.25 | |
| | 11 | 9.8 | 39.40 | 9.12 | 37.20 | 8.57 | 35.00 | 8.04 | 33.80 | 7.77 | 32.70 | 7.45 | 30.50 | 7.00 | |
| | 13 | 11.8 | 39.40 | 8.79 | 37.20 | 8.26 | 35.00 | 7.75 | 33.80 | 7.51 | 32.70 | 7.25 | 30.50 | 6.76 | |
| | 15 | 13.7 | 39.40 | 8.49 | 37.20 | 7.99 | 35.00 | 7.51 | 33.80 | 7.26 | 32.70 | 7.02 | 30.50 | 6.55 | |
| | 19 | 14.2 | 39.40 | 8.06 | 37.20 | 7.77 | 35.00 | 7.30 | 33.80 | 6.92 | 32.70 | 6.62 | 30.50 | 6.28 | |
| | 21 | 15 | 39.40 | 7.77 | 37.20 | 7.39 | 35.00 | 6.97 | 33.80 | 6.60 | 32.70 | 6.29 | 30.50 | 5.94 | |
| 60 | -14.7 | -15 | 29.30 | 12.41 | 29.30 | 12.61 | 29.30 | 12.82 | 29.00 | 12.41 | 28.10 | 11.99 | 26.10 | 11.06 | |
| | -12.6 | -13 | 31.20 | 12.61 | 31.20 | 12.82 | 30.00 | 11.99 | 29.00 | 11.58 | 28.10 | 11.17 | 26.10 | 10.32 | |
| | -10.5 | -11 | 33.20 | 12.82 | 31.80 | 12.10 | 30.00 | 11.27 | 29.00 | 10.86 | 28.10 | 10.44 | 26.10 | 9.68 | |
| | -9.5 | -10 | 33.80 | 12.51 | 31.80 | 11.68 | 30.00 | 10.96 | 29.00 | 10.55 | 28.10 | 10.14 | 26.10 | 9.39 | |
| | -8.5 | -9.1 | 33.80 | 12.20 | 31.80 | 11.37 | 30.00 | 10.65 | 29.00 | 10.25 | 28.10 | 9.87 | 26.10 | 9.15 | |
| | -7 | -7.6 | 33.80 | 11.58 | 31.80 | 10.86 | 30.00 | 10.16 | 29.00 | 9.80 | 28.10 | 9.46 | 26.10 | 8.77 | |
| | -5 | -5.6 | 33.80 | 10.96 | 31.80 | 10.29 | 30.00 | 9.62 | 29.00 | 9.28 | 28.10 | 8.95 | 26.10 | 8.31 | |
| | -3 | -3.7 | 33.80 | 10.44 | 31.80 | 9.78 | 30.00 | 9.15 | 29.00 | 8.84 | 28.10 | 8.53 | 26.10 | 7.93 | |
| | 0 | -0.7 | 33.80 | 9.68 | 31.80 | 9.09 | 30.00 | 8.51 | 29.00 | 8.23 | 28.10 | 7.95 | 26.10 | 7.39 | |
| | 3 | 2.2 | 33.80 | 9.06 | 31.80 | 8.51 | 30.00 | 7.98 | 29.00 | 7.72 | 28.10 | 7.46 | 26.10 | 6.96 | |
| | 5 | 4.1 | 33.80 | 8.69 | 31.80 | 8.18 | 30.00 | 7.67 | 29.00 | 7.42 | 28.10 | 7.18 | 26.10 | 6.69 | |
| | 8.3 | 6.1 | 33.80 | 8.35 | 31.80 | 7.87 | 30.00 | 7.39 | 29.00 | 7.15 | 28.10 | 6.92 | 26.10 | 6.45 | |
| | 9 | 7.9 | 33.80 | 8.05 | 31.80 | 7.59 | 30.00 | 7.12 | 29.00 | 6.91 | 28.10 | 6.68 | 26.10 | 6.23 | |
| | 11 | 9.8 | 33.80 | 7.77 | 31.80 | 7.32 | 30.00 | 6.89 | 29.00 | 6.67 | 28.10 | 6.45 | 26.10 | 6.04 | |
| | 13 | 11.8 | 33.80 | 7.50 | 31.80 | 7.07 | 30.00 | 6.65 | 29.00 | 6.44 | 28.10 | 6.24 | 26.10 | 5.84 | |
| | 15 | 13.7 | 33.80 | 7.26 | 31.80 | 6.84 | 30.00 | 6.44 | 29.00 | 6.24 | 28.10 | 6.05 | 26.10 | 5.67 | |
| | 19 | 14.2 | 33.80 | 7.05 | 31.80 | 6.51 | 30.00 | 6.25 | 29.00 | 6.05 | 28.10 | 5.82 | 26.10 | 5.42 | |
| | 21 | 15 | 33.80 | 6.76 | 31.80 | 6.33 | 30.00 | 5.98 | 29.00 | 5.85 | 28.10 | 5.63 | 26.10 | 5.21 | |
| 50 | -14.7 | -15 | 28.20 | 11.99 | 26.50 | 11.27 | 25.00 | 10.55 | 24.20 | 10.15 | 23.40 | 9.78 | 21.70 | 9.07 | |
| | -12.6 | -13 | 28.20 | 11.27 | 26.50 | 10.55 | 25.00 | 9.82 | 24.20 | 9.49 | 23.40 | 9.15 | 21.70 | 8.49 | |
| | -10.5 | -11 | 28.20 | 10.55 | 26.50 | 9.86 | 25.00 | 9.22 | 24.20 | 8.91 | 23.40 | 8.60 | 21.70 | 7.99 | |
| | -9.5 | -10 | 28.20 | 10.19 | 26.50 | 9.56 | 25.00 | 8.95 | 24.20 | 8.65 | 23.40 | 8.35 | 21.70 | 7.76 | |
| | -8.5 | -9.1 | 28.20 | 9.93 | 26.50 | 9.32 | 25.00 | 8.73 | 24.20 | 8.43 | 23.40 | 8.14 | 21.70 | 7.57 | |
| | -7 | -7.6 | 28.20 | 9.51 | 26.50 | 8.93 | 25.00 | 8.36 | 24.20 | 8.08 | 23.40 | 7.82 | 21.70 | 7.28 | |
| | -5 | -5.6 | 28.20 | 9.01 | 26.50 | 8.47 | 25.00 | 7.94 | 24.20 | 7.68 | 23.40 | 7.42 | 21.70 | 6.92 | |
| | -3 | -3.7 | 28.20 | 8.58 | 26.50 | 8.07 | 25.00 | 7.58 | 24.20 | 7.33 | 23.40 | 7.09 | 21.70 | 6.62 | |
| | 0 | -0.7 | 28.20 | 7.99 | 26.50 | 7.53 | 25.00 | 7.07 | 24.20 | 6.85 | 23.40 | 6.63 | 21.70 | 6.19 | |
| | 3 | 2.2 | 28.20 | 7.50 | 26.50 | 7.07 | 25.00 | 6.66 | 24.20 | 6.45 | 23.40 | 6.24 | 21.70 | 5.84 | |
| | 5 | 4.1 | 28.20 | 7.22 | 26.50 | 6.81 | 25.00 | 6.41 | 24.20 | 6.21 | 23.40 | 6.09 | 21.70 | 5.63 | |
| | 8.3 | 6.1 | 28.20 | 6.95 | 26.50 | 6.57 | 25.00 | 6.18 | 24.20 | 6.00 | 23.40 | 5.81 | 21.70 | 5.45 | |
| | 9 | 7.9 | 28.20 | 6.71 | 26.50 | 6.34 | 25.00 | 5.98 | 24.20 | 5.80 | 23.40 | 5.62 | 21.70 | 5.27 | |
| | 11 | 9.8 | 28.20 | 6.48 | 26.50 | 6.13 | 25.00 | 5.79 | 24.20 | 5.61 | 23.40 | 5.45 | 21.70 | 5.11 | |
| | 13 | 11.8 | 28.20 | 6.28 | 26.50 | 5.93 | 25.00 | 5.60 | 24.20 | 5.44 | 23.40 | 5.27 | 21.70 | 4.95 | |
| | 15 | 13.7 | 28.20 | 6.08 | 26.50 | 5.76 | 25.00 | 5.44 | 24.20 | 5.28 | 23.40 | 5.12 | 21.70 | 4.82 | |
| | 19 | 14.2 | 28.20 | 5.89 | 26.50 | 5.53 | 25.00 | 5.25 | 24.20 | 5.05 | 23.40 | 4.94 | 21.70 | 4.61 | |
| | 21 | 15 | 28.20 | 5.50 | 26.50 | 5.38 | 25.00 | 5.11 | 24.20 | 4.83 | 23.40 | 4.75 | 21.70 | 4.42 | |

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

| | | YCV560HR | | | | Heating Capacity | | | | | | | | | | | |
|---------------------|---------------|----------------------|-------|-------|-------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | kW | kW | kW | kW |
| °C DB | | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | 16 | 18 | 20 | 21.1 |
| 130 | -14.7 | -15 | 40.20 | 9.92 | 40.20 | 10.50 | 40.20 | 11.08 | 40.00 | 11.38 | 40.00 | 11.68 | 40.00 | 12.26 | 12.26 | 12.26 | 12.26 |
| | -12.6 | -13 | 42.20 | 10.52 | 42.20 | 11.08 | 42.20 | 11.64 | 42.20 | 11.90 | 42.20 | 12.18 | 42.20 | 12.72 | 12.72 | 12.72 | 12.72 |
| | -10.5 | -11 | 44.40 | 11.06 | 44.40 | 11.60 | 44.40 | 12.10 | 44.40 | 12.36 | 44.40 | 12.64 | 44.40 | 13.12 | 13.12 | 13.12 | 13.12 |
| | -9.5 | -10 | 45.60 | 11.32 | 45.60 | 11.82 | 45.60 | 12.32 | 45.60 | 12.58 | 45.60 | 12.84 | 45.60 | 13.36 | 13.36 | 13.36 | 13.36 |
| | -8.5 | -9.1 | 46.60 | 11.54 | 46.60 | 12.04 | 46.60 | 12.52 | 46.60 | 12.76 | 46.60 | 12.98 | 46.60 | 13.50 | 13.50 | 13.50 | 13.50 |
| | -7 | -7.6 | 48.40 | 11.86 | 48.40 | 12.34 | 48.40 | 12.82 | 48.40 | 13.12 | 48.40 | 13.24 | 48.40 | 13.76 | 13.76 | 13.76 | 13.76 |
| | -5 | -5.6 | 50.40 | 12.26 | 50.40 | 12.72 | 50.40 | 13.12 | 50.40 | 13.36 | 50.40 | 13.62 | 50.40 | 14.02 | 14.02 | 14.02 | 14.02 |
| | -3 | -3.7 | 52.40 | 12.62 | 52.40 | 12.98 | 52.40 | 13.50 | 52.40 | 13.76 | 52.40 | 13.88 | 52.40 | 14.40 | 14.40 | 14.40 | 14.40 |
| | 0 | -0.7 | 55.80 | 13.12 | 55.80 | 13.50 | 55.80 | 13.88 | 55.80 | 14.14 | 55.80 | 14.26 | 55.80 | 14.66 | 14.66 | 14.66 | 14.66 |
| | 3 | 2.2 | 58.60 | 13.50 | 58.60 | 13.88 | 58.60 | 14.26 | 58.60 | 14.40 | 58.60 | 14.66 | 58.60 | 15.04 | 15.04 | 15.04 | 15.04 |
| | 5 | 4.1 | 61.00 | 13.76 | 61.00 | 14.14 | 61.00 | 14.52 | 61.00 | 14.66 | 61.00 | 14.92 | 61.00 | 15.16 | 15.16 | 15.16 | 15.16 |
| | 8.3 | 6.1 | 63.00 | 14.02 | 63.00 | 14.40 | 63.00 | 14.66 | 63.00 | 14.92 | 63.00 | 15.04 | 63.00 | 15.42 | 15.42 | 15.42 | 15.42 |
| | 9 | 7.9 | 65.20 | 14.14 | 65.00 | 14.52 | 65.00 | 14.92 | 65.00 | 15.04 | 65.00 | 15.16 | 65.00 | 15.56 | 15.56 | 15.56 | 15.56 |
| | 11 | 9.8 | 67.20 | 14.40 | 67.20 | 14.66 | 67.20 | 15.04 | 67.20 | 15.16 | 67.20 | 15.42 | 67.20 | 15.68 | 15.68 | 15.68 | 15.68 |
| | 13 | 11.8 | 69.40 | 14.52 | 69.40 | 14.92 | 69.40 | 15.16 | 69.40 | 15.42 | 69.40 | 15.56 | 69.40 | 15.82 | 15.82 | 15.82 | 15.82 |
| | 15 | 13.7 | 71.40 | 14.78 | 71.40 | 15.04 | 71.40 | 15.30 | 71.40 | 15.56 | 71.40 | 15.78 | 71.40 | 15.88 | 15.88 | 15.88 | 15.88 |
| | 19 | 14.2 | 71.40 | 14.92 | 71.40 | 15.20 | 71.40 | 15.44 | 71.40 | 15.68 | 71.40 | 15.82 | 71.40 | 15.88 | 15.88 | 15.88 | 15.88 |
| | 21 | 15 | 71.40 | 15.02 | 71.40 | 15.34 | 71.40 | 15.58 | 71.40 | 15.78 | 71.40 | 15.88 | 71.40 | 15.88 | 15.88 | 15.88 | 15.88 |
| 120 | -14.7 | -15 | 40.20 | 10.70 | 40.00 | 11.24 | 40.00 | 11.78 | 40.00 | 12.06 | 40.00 | 12.32 | 40.00 | 12.86 | 12.86 | 12.86 | 12.86 |
| | -12.6 | -13 | 42.20 | 11.28 | 42.20 | 11.78 | 42.20 | 12.28 | 42.20 | 12.54 | 42.20 | 12.80 | 42.20 | 13.36 | 13.36 | 13.36 | 13.36 |
| | -10.5 | -11 | 44.40 | 11.78 | 44.40 | 12.26 | 44.40 | 12.72 | 44.40 | 12.98 | 44.40 | 13.24 | 44.40 | 13.76 | 13.76 | 13.76 | 13.76 |
| | -9.5 | -10 | 45.60 | 12.00 | 45.60 | 12.46 | 45.60 | 12.98 | 45.60 | 13.12 | 45.60 | 13.36 | 45.60 | 13.88 | 13.88 | 13.88 | 13.88 |
| | -8.5 | -9.1 | 46.60 | 12.20 | 46.60 | 12.64 | 46.60 | 13.12 | 46.60 | 13.36 | 46.60 | 13.62 | 46.60 | 14.02 | 14.02 | 14.02 | 14.02 |
| | -7 | -7.6 | 48.40 | 12.50 | 48.40 | 12.98 | 48.40 | 13.36 | 48.40 | 13.62 | 48.40 | 13.76 | 48.40 | 14.26 | 14.26 | 14.26 | 14.26 |
| | -5 | -5.6 | 50.40 | 12.86 | 50.40 | 13.24 | 50.40 | 13.76 | 50.40 | 13.88 | 50.40 | 14.14 | 50.40 | 14.52 | 14.52 | 14.52 | 14.52 |
| | -3 | -3.7 | 52.40 | 13.24 | 52.40 | 13.62 | 52.40 | 14.02 | 52.40 | 14.14 | 52.40 | 14.40 | 52.40 | 14.78 | 14.78 | 14.78 | 14.78 |
| | 0 | -0.7 | 55.80 | 13.62 | 55.80 | 14.02 | 55.80 | 14.40 | 55.80 | 14.52 | 55.80 | 14.78 | 55.80 | 15.16 | 15.16 | 15.16 | 15.16 |
| | 3 | 2.2 | 58.60 | 14.02 | 58.60 | 14.40 | 58.60 | 14.78 | 58.60 | 14.92 | 58.60 | 15.04 | 58.60 | 15.42 | 15.42 | 15.42 | 15.42 |
| | 5 | 4.1 | 61.00 | 14.26 | 61.00 | 14.52 | 61.00 | 14.92 | 61.00 | 15.04 | 61.00 | 15.30 | 61.00 | 15.56 | 15.56 | 15.56 | 15.56 |
| | 8.3 | 6.1 | 63.00 | 14.40 | 63.00 | 14.78 | 63.00 | 15.16 | 63.00 | 15.30 | 63.00 | 15.42 | 63.00 | 15.82 | 15.82 | 15.82 | 15.82 |
| | 9 | 7.9 | 65.00 | 14.66 | 65.00 | 14.92 | 65.00 | 15.30 | 65.00 | 15.42 | 65.00 | 15.56 | 65.00 | 15.94 | 15.94 | 15.94 | 15.94 |
| | 11 | 9.8 | 67.20 | 14.78 | 67.20 | 15.16 | 67.20 | 15.42 | 67.20 | 15.56 | 67.20 | 15.68 | 67.20 | 15.82 | 15.82 | 15.82 | 15.82 |
| | 13 | 11.8 | 69.40 | 15.04 | 69.40 | 15.30 | 69.40 | 15.56 | 69.40 | 15.68 | 69.40 | 15.82 | 69.40 | 15.94 | 15.94 | 15.94 | 15.94 |
| | 15 | 13.7 | 71.40 | 15.16 | 71.40 | 15.42 | 71.40 | 15.68 | 71.40 | 15.82 | 71.40 | 15.96 | 71.40 | 15.82 | 15.82 | 15.82 | 15.82 |
| | 19 | 14.2 | 71.40 | 15.30 | 71.40 | 15.56 | 71.40 | 15.70 | 71.40 | 15.66 | 71.40 | 15.30 | 71.40 | 15.30 | 15.30 | 15.30 | 15.30 |
| | 21 | 15 | 71.40 | 15.46 | 71.40 | 15.68 | 71.40 | 15.80 | 71.40 | 15.54 | 71.40 | 14.82 | 71.40 | 15.80 | 15.80 | 15.80 | 15.80 |
| 110 | -14.7 | -15 | 40.00 | 11.50 | 40.00 | 12.00 | 40.00 | 12.46 | 40.00 | 12.72 | 40.00 | 12.98 | 40.00 | 13.50 | 13.50 | 13.50 | 13.50 |
| | -12.6 | -13 | 42.00 | 12.02 | 42.00 | 12.48 | 42.00 | 12.98 | 42.00 | 13.24 | 42.00 | 13.36 | 42.00 | 13.88 | 13.88 | 13.88 | 13.88 |
| | -10.5 | -11 | 44.40 | 12.46 | 44.40 | 12.86 | 44.40 | 13.36 | 44.40 | 13.62 | 44.40 | 13.76 | 44.40 | 14.26 | 14.26 | 14.26 | 14.26 |
| | -9.5 | -10 | 45.60 | 12.68 | 45.60 | 13.12 | 45.60 | 13.50 | 45.60 | 13.76 | 45.60 | 14.02 | 45.60 | 14.40 | 14.40 | 14.40 | 14.40 |
| | -8.5 | -9.1 | 46.60 | 12.86 | 46.60 | 13.24 | 46.60 | 13.76 | 46.60 | 13.88 | 46.60 | 14.14 | 46.60 | 14.52 | 14.52 | 14.52 | 14.52 |
| | -7 | -7.6 | 48.40 | 13.12 | 48.40 | 13.50 | 48.40 | 13.88 | 48.40 | 14.14 | 48.40 | 14.40 | 48.40 | 14.78 | 14.78 | 14.78 | 14.78 |
| | -5 | -5.6 | 50.40 | 13.50 | 50.40 | 13.88 | 50.40 | 14.26 | 50.40 | 14.40 | 50.40 | 14.66 | 50.40 | 15.04 | 15.04 | 15.04 | 15.04 |
| | -3 | -3.7 | 52.40 | 13.76 | 52.40 | 14.14 | 52.40 | 14.52 | 52.40 | 14.66 | 52.40 | 14.92 | 52.40 | 15.16 | 15.16 | 15.16 | 15.16 |
| | 0 | -0.7 | 55.80 | 14.14 | 55.60 | 14.52 | 55.60 | 14.92 | 55.60 | 15.04 | 55.60 | 15.16 | 55.60 | 15.56 | 15.56 | 15.56 | 15.56 |
| | 3 | 2.2 | 58.60 | 14.52 | 58.60 | 14.92 | 58.60 | 15.16 | 58.60 | 15.30 | 58.60 | 15.56 | 58.60 | 15.82 | 15.82 | 15.82 | 15.82 |
| | 5 | 4.1 | 61.00 | 14.78 | 61.00 | 15.04 | 61.00 | 15.30 | 61.00 | 15.56 | 61.00 | 15.68 | 61.00 | 16.04 | 16.04 | 16.04 | 16.04 |
| | 8.3 | 6.1 | 63.00 | 14.92 | 63.00 | 15.16 | 63.00 | 15.56 | 63.00 | 15.68 | 63.00 | 15.82 | 63.00 | 16.04 | 16.04 | 16.04 | 16.04 |
| | 9 | 7.9 | 65.00 | 15.16 | 65.00 | 15.42 | 65.00 | 15.68 | 65.00 | 15.82 | 65.00 | 16.04 | 65.00 | 16.40 | 16.40 | 16.40 | 16.40 |
| | 11 | 9.8 | 67.20 | 15.30 | 67.20 | 15.56 | 67.20 | 15.82 | 67.20 | 16.00 | 67.20 | 15.82 | 67.20 | 16.40 | 16.40 | 16.40 | 16.40 |
| | 13 | 11.8 | 69.40 | 15.42 | 69.40 | 15.68 | 69.40 | 15.82 | 69.40 | 16.00 | 69.40 | 15.82 | 69.40 | 16.40 | 16.40 | 16.40 | 16.40 |
| | 15 | 13.7 | 71.40 | 15.56 | 71.40 | 15.82 | 71.40 | 16.00 | 71.40 | 16.16 | 71.40 | 16.40 | 71.40 | 16.40 | 16.40 | 16.40 | 16.40 |
| | 19 | 14.2 | 71.40 | 15.68 | 71.40 | 15.82 | 71.40 | 16.00 | 71.40 | 16.16 | 71.40 | 16.40 | 71.40 | 16.40 | 16.40 | 16.40 | 16.40 |
| | 21 | 15 | 71.40 | 15.82 | 71.40 | 15.82 | 71.40 | 16.00 | 71.40 | 16.16 | 71.40 | 16.40 | 71.40 | 16.40 | 16.40 | 16.40 | 16.40 |

To be continued

Continued

| | | YCV560HR | | | | Heating Capacity | | | | | | | | | | | |
|---------------------|---------------|----------------------|-------|-------|-------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| °C DB | | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| 100 | -14.7 | -15 | 40.00 | 12.28 | 40.00 | 12.74 | 40.00 | 13.24 | 40.00 | 13.36 | 40.00 | 13.62 | 40.00 | 14.14 | | | |
| | -12.6 | -13 | 42.20 | 12.76 | 42.20 | 13.24 | 42.20 | 13.62 | 42.20 | 13.76 | 42.20 | 14.02 | 42.20 | 14.40 | | | |
| | -10.5 | -11 | 44.40 | 13.24 | 44.40 | 13.62 | 44.40 | 14.02 | 44.40 | 14.14 | 44.40 | 14.40 | 44.40 | 14.78 | | | |
| | -9.5 | -10 | 45.60 | 13.36 | 45.60 | 13.76 | 45.60 | 14.14 | 45.60 | 14.40 | 45.60 | 14.52 | 45.60 | 14.92 | | | |
| | -8.5 | -9.1 | 46.60 | 13.50 | 46.60 | 13.88 | 46.60 | 14.26 | 46.60 | 14.52 | 48.40 | 14.66 | 48.40 | 14.92 | 48.40 | 15.04 | |
| | -7 | -7.6 | 48.40 | 13.76 | 48.40 | 14.14 | 48.40 | 14.52 | 48.40 | 14.66 | 48.40 | 14.92 | 48.40 | 15.30 | | | |
| | -5 | -5.6 | 50.40 | 14.14 | 50.40 | 14.40 | 50.40 | 14.78 | 50.40 | 14.92 | 50.40 | 15.16 | 50.40 | 15.42 | 50.40 | 15.42 | |
| | -3 | -3.7 | 52.40 | 14.40 | 52.40 | 14.66 | 52.40 | 15.04 | 52.40 | 15.16 | 52.40 | 15.30 | 52.40 | 15.68 | | | |
| | 0 | -0.7 | 55.60 | 14.78 | 55.60 | 15.04 | 55.60 | 15.30 | 55.60 | 15.56 | 55.60 | 15.68 | 55.60 | 15.94 | | | |
| | 3 | 2.2 | 58.60 | 15.04 | 58.60 | 15.30 | 58.60 | 15.68 | 58.60 | 15.82 | 58.60 | 15.94 | 58.60 | 15.94 | 58.60 | 15.94 | |
| | 5 | 4.1 | 61.00 | 15.16 | 61.00 | 15.56 | 61.00 | 15.82 | 61.00 | 15.94 | 59.00 | 15.42 | 59.00 | 14.26 | | | |
| | 8.3 | 6.1 | 63.00 | 15.42 | 63.00 | 15.68 | 63.00 | 15.94 | 61.00 | 15.30 | 59.00 | 14.78 | 59.00 | 13.62 | | | |
| | 9 | 7.9 | 65.00 | 15.56 | 65.00 | 15.82 | 63.00 | 15.30 | 61.00 | 14.78 | 59.00 | 14.14 | 59.00 | 13.12 | | | |
| | 11 | 9.8 | 67.20 | 15.68 | 67.00 | 15.82 | 63.00 | 14.66 | 61.00 | 14.14 | 59.00 | 13.62 | 59.00 | 12.62 | | | |
| | 13 | 11.8 | 69.40 | 15.82 | 67.00 | 15.16 | 63.00 | 14.14 | 61.00 | 13.62 | 59.00 | 13.12 | 59.00 | 12.14 | | | |
| | 15 | 13.7 | 71.00 | 15.56 | 67.00 | 14.66 | 63.00 | 13.62 | 61.00 | 13.12 | 59.00 | 12.64 | 59.00 | 11.72 | | | |
| | 19 | 14.2 | 71.00 | 15.14 | 67.00 | 14.16 | 63.00 | 13.28 | 61.00 | 12.56 | 59.00 | 12.16 | 59.00 | 11.40 | | | |
| | 21 | 15 | 71.00 | 14.66 | 67.00 | 13.54 | 63.00 | 12.78 | 61.00 | 12.38 | 59.00 | 11.80 | 59.00 | 11.14 | | | |
| 90 | -14.7 | -15 | 40.00 | 13.12 | 40.00 | 13.50 | 40.00 | 13.88 | 40.00 | 14.14 | 40.00 | 14.26 | 40.00 | 14.66 | | | |
| | -12.6 | -13 | 42.20 | 13.50 | 42.20 | 13.88 | 42.20 | 14.26 | 42.20 | 14.40 | 42.20 | 14.66 | 42.20 | 15.04 | | | |
| | -10.5 | -11 | 44.40 | 13.88 | 44.40 | 14.26 | 44.40 | 14.66 | 44.40 | 14.78 | 44.40 | 14.92 | 44.40 | 15.30 | | | |
| | -9.5 | -10 | 45.60 | 14.02 | 45.60 | 14.40 | 45.60 | 14.78 | 45.60 | 14.92 | 45.60 | 15.04 | 45.60 | 15.42 | | | |
| | -8.5 | -9.1 | 46.60 | 14.14 | 46.60 | 14.52 | 46.60 | 14.92 | 46.60 | 15.04 | 46.60 | 15.16 | 46.60 | 15.56 | | | |
| | -7 | -7.6 | 48.40 | 14.40 | 48.40 | 14.78 | 48.40 | 15.04 | 48.40 | 15.30 | 48.40 | 15.42 | 48.40 | 15.68 | | | |
| | -5 | -5.6 | 50.40 | 14.66 | 50.40 | 15.04 | 50.40 | 15.30 | 50.40 | 15.42 | 50.40 | 15.68 | 50.40 | 15.94 | | | |
| | -3 | -3.7 | 52.40 | 14.92 | 52.40 | 15.30 | 52.40 | 15.56 | 52.40 | 15.68 | 52.40 | 15.82 | 52.40 | 15.94 | | | |
| | 0 | -0.7 | 55.60 | 15.30 | 55.60 | 15.56 | 55.60 | 15.82 | 54.60 | 15.94 | 53.00 | 15.30 | 53.00 | 14.92 | | | |
| | 3 | 2.2 | 58.60 | 15.56 | 58.60 | 15.82 | 56.60 | 15.42 | 54.60 | 14.92 | 53.00 | 14.26 | 53.00 | 13.24 | | | |
| | 5 | 4.1 | 61.00 | 15.68 | 60.60 | 15.82 | 56.60 | 14.78 | 54.60 | 14.26 | 53.00 | 13.62 | 53.00 | 12.64 | | | |
| | 8.3 | 6.1 | 63.00 | 15.82 | 60.60 | 15.16 | 56.60 | 14.14 | 54.60 | 13.62 | 53.00 | 13.12 | 53.00 | 12.14 | | | |
| | 9 | 7.9 | 64.00 | 15.56 | 60.60 | 14.52 | 56.60 | 13.62 | 54.60 | 13.12 | 53.00 | 12.62 | 53.00 | 11.68 | | | |
| | 11 | 9.8 | 64.00 | 14.92 | 60.60 | 14.02 | 56.60 | 13.12 | 54.60 | 12.60 | 53.00 | 12.14 | 53.00 | 11.26 | | | |
| | 13 | 11.8 | 64.00 | 14.40 | 60.60 | 13.50 | 56.60 | 12.56 | 54.60 | 12.12 | 53.00 | 11.70 | 53.00 | 10.84 | | | |
| | 15 | 13.7 | 64.00 | 13.88 | 60.60 | 12.98 | 56.60 | 12.12 | 54.60 | 11.72 | 53.00 | 11.30 | 53.00 | 10.48 | | | |
| | 19 | 14.2 | 64.00 | 13.54 | 60.60 | 12.62 | 56.60 | 11.74 | 54.60 | 11.36 | 53.00 | 10.90 | 53.00 | 10.10 | | | |
| | 21 | 15 | 64.00 | 13.04 | 60.60 | 12.14 | 56.60 | 11.52 | 54.60 | 10.98 | 53.00 | 10.50 | 53.00 | 9.68 | | | |
| 80 | -14.7 | -15 | 40.00 | 13.88 | 40.00 | 14.26 | 40.00 | 14.66 | 40.00 | 14.78 | 40.00 | 14.92 | 40.00 | 15.30 | | | |
| | -12.6 | -13 | 42.20 | 14.26 | 42.20 | 14.52 | 42.20 | 14.92 | 42.20 | 15.04 | 42.20 | 15.30 | 42.20 | 15.56 | | | |
| | -10.5 | -11 | 44.40 | 14.52 | 44.40 | 14.92 | 44.40 | 15.16 | 44.40 | 15.42 | 44.40 | 15.56 | 44.40 | 15.82 | | | |
| | -9.5 | -10 | 45.60 | 14.78 | 45.60 | 15.04 | 45.60 | 15.30 | 45.60 | 15.56 | 45.60 | 15.68 | 45.60 | 15.94 | | | |
| | -8.5 | -9.1 | 46.60 | 14.92 | 46.60 | 15.16 | 46.60 | 15.42 | 46.60 | 15.68 | 46.60 | 15.82 | 46.60 | 15.94 | | | |
| | -7 | -7.6 | 48.40 | 15.04 | 48.40 | 15.30 | 48.40 | 15.68 | 48.40 | 15.82 | 47.20 | 15.94 | 47.20 | 14.92 | | | |
| | -5 | -5.6 | 50.40 | 15.30 | 50.40 | 15.56 | 50.40 | 15.82 | 48.60 | 15.94 | 47.20 | 15.30 | 47.20 | 14.14 | | | |
| | -3 | -3.7 | 52.40 | 15.56 | 52.40 | 15.82 | 50.40 | 15.68 | 48.60 | 15.04 | 47.20 | 14.52 | 47.20 | 13.36 | | | |
| | 0 | -0.7 | 55.60 | 15.82 | 53.60 | 15.56 | 50.40 | 14.52 | 48.60 | 14.02 | 47.20 | 13.36 | 44.00 | 12.42 | | | |
| | 3 | 2.2 | 58.60 | 15.42 | 53.60 | 14.52 | 50.40 | 13.50 | 48.60 | 12.98 | 47.20 | 12.54 | 44.00 | 11.62 | | | |
| | 5 | 4.1 | 61.00 | 14.78 | 53.60 | 13.88 | 50.40 | 12.98 | 48.60 | 12.46 | 47.20 | 12.02 | 44.00 | 11.14 | | | |
| | 8.3 | 6.1 | 63.00 | 14.14 | 53.60 | 13.24 | 50.40 | 12.40 | 48.60 | 11.98 | 47.20 | 11.56 | 44.00 | 10.72 | | | |
| | 9 | 7.9 | 65.00 | 13.62 | 53.60 | 12.76 | 50.40 | 11.92 | 48.60 | 11.52 | 47.20 | 11.12 | 44.00 | 10.32 | | | |
| | 11 | 9.8 | 65.60 | 13.12 | 53.60 | 12.28 | 50.40 | 11.50 | 48.60 | 11.10 | 47.20 | 10.72 | 44.00 | 9.94 | | | |
| | 13 | 11.8 | 65.60 | 12.62 | 53.60 | 11.82 | 50.40 | 11.06 | 48.60 | 10.70 | 47.20 | 10.32 | 44.00 | 9.60 | | | |
| | 15 | 13.7 | 65.60 | 12.18 | 53.60 | 11.32 | 50.40 | 10.70 | 48.60 | 10.34 | 47.20 | 9.98 | 44.00 | 9.30 | | | |
| | 19 | 14.2 | 65.60 | 11.76 | 53.60 | 11.12 | 50.40 | 10.26 | 48.60 | 9.96 | 47.20 | 9.56 | 44.00 | 9.06 | | | |
| | 21 | 15 | 65.60 | 11.42 | 53.60 | 10.64 | 50.40 | 10.00 | 48.60 | 9.64 | 47.20 | 9.24 | 44.00 | 8.58 | | | |

To be continued

Continued

Capacity table

| | | YCV560HR | | | | | | | | Heating Capacity | | | | | | | |
|---------------------|---------------|----------------------|-------|-------|-------|-------|-------|-------|-------|------------------|-------|-------|-------|-------|-------|-------|----|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| 70 | °C DB | °C WB | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| | -14.7 | -15 | 40.00 | 14.66 | 40.00 | 15.04 | 40.00 | 15.30 | 40.00 | 15.42 | 40.00 | 15.56 | 40.00 | 15.56 | 38.40 | 15.94 | |
| | -12.6 | -13 | 42.20 | 15.04 | 42.20 | 15.30 | 42.20 | 15.56 | 42.20 | 15.68 | 41.20 | 15.94 | 38.40 | 15.30 | | | |
| | -10.5 | -11 | 44.40 | 15.30 | 44.40 | 15.56 | 44.20 | 15.82 | 42.60 | 15.94 | 41.20 | 15.42 | 38.40 | 14.26 | | | |
| | -9.5 | -10 | 45.60 | 15.42 | 45.60 | 15.68 | 44.20 | 15.94 | 42.60 | 15.56 | 41.20 | 14.92 | 38.40 | 13.76 | | | |
| | -8.5 | -9.1 | 46.60 | 15.56 | 46.60 | 15.82 | 44.20 | 15.68 | 42.60 | 15.16 | 41.20 | 14.52 | 38.40 | 13.50 | | | |
| | -7 | -7.6 | 48.20 | 15.68 | 47.00 | 15.94 | 44.20 | 15.04 | 42.60 | 14.40 | 41.20 | 13.88 | 38.40 | 12.86 | | | |
| | -5 | -5.6 | 49.80 | 15.94 | 47.00 | 15.16 | 44.20 | 14.14 | 42.60 | 13.62 | 41.20 | 13.12 | 38.40 | 12.18 | | | |
| | -3 | -3.7 | 49.80 | 15.42 | 47.00 | 14.40 | 44.20 | 13.50 | 42.60 | 12.98 | 41.20 | 12.50 | 38.40 | 11.58 | | | |
| | 0 | -0.7 | 49.80 | 14.26 | 47.00 | 13.36 | 44.20 | 12.48 | 42.60 | 12.04 | 41.20 | 11.60 | 38.40 | 10.78 | | | |
| | 3 | 2.2 | 49.80 | 13.36 | 47.00 | 12.48 | 44.20 | 11.66 | 42.60 | 11.26 | 41.20 | 10.88 | 38.40 | 10.10 | | | |
| | 5 | 4.1 | 49.80 | 12.76 | 47.00 | 11.96 | 44.20 | 11.20 | 42.60 | 10.82 | 41.20 | 10.44 | 38.40 | 9.70 | | | |
| | 8.3 | 6.1 | 49.80 | 12.24 | 47.00 | 11.50 | 44.20 | 10.76 | 42.60 | 10.40 | 41.20 | 10.04 | 38.40 | 9.34 | | | |
| | 9 | 7.9 | 49.80 | 11.78 | 47.00 | 11.06 | 44.20 | 10.36 | 42.60 | 10.02 | 41.20 | 9.68 | 38.40 | 9.02 | | | |
| | 11 | 9.8 | 49.80 | 11.34 | 47.00 | 10.66 | 44.20 | 10.00 | 42.60 | 9.66 | 41.20 | 9.26 | 38.40 | 8.70 | | | |
| | 13 | 11.8 | 49.80 | 10.92 | 47.00 | 10.28 | 44.20 | 9.64 | 42.60 | 9.34 | 41.20 | 9.02 | 38.40 | 8.40 | | | |
| | 15 | 13.7 | 49.80 | 10.56 | 47.00 | 9.94 | 44.20 | 9.34 | 42.60 | 9.02 | 41.20 | 8.72 | 38.40 | 8.14 | | | |
| | 19 | 14.2 | 49.80 | 10.02 | 47.00 | 9.66 | 44.20 | 9.08 | 42.60 | 8.60 | 41.20 | 8.24 | 38.40 | 7.82 | | | |
| | 21 | 15 | 49.80 | 9.66 | 47.00 | 9.18 | 44.20 | 8.66 | 42.60 | 8.20 | 41.20 | 7.82 | 38.40 | 7.38 | | | |
| 60 | -14.7 | -15 | 40.00 | 15.42 | 40.00 | 15.68 | 37.80 | 15.94 | 36.60 | 15.42 | 35.40 | 14.92 | 33.00 | 13.76 | | | |
| | -12.6 | -13 | 42.20 | 15.68 | 40.20 | 15.94 | 37.80 | 14.92 | 36.60 | 14.40 | 35.40 | 13.88 | 33.00 | 12.82 | | | |
| | -10.5 | -11 | 42.60 | 15.94 | 40.20 | 15.04 | 37.80 | 14.02 | 36.60 | 13.50 | 35.40 | 12.98 | 33.00 | 12.04 | | | |
| | -9.5 | -10 | 42.60 | 15.56 | 40.20 | 14.52 | 37.80 | 13.62 | 36.60 | 13.12 | 35.40 | 12.62 | 33.00 | 11.68 | | | |
| | -8.5 | -9.1 | 42.60 | 15.16 | 40.20 | 14.14 | 37.80 | 13.24 | 36.60 | 12.74 | 35.40 | 12.28 | 33.00 | 11.38 | | | |
| | -7 | -7.6 | 42.60 | 14.40 | 40.20 | 13.50 | 37.80 | 12.64 | 36.60 | 12.18 | 35.40 | 11.76 | 33.00 | 10.90 | | | |
| | -5 | -5.6 | 42.60 | 13.62 | 40.20 | 12.80 | 37.80 | 11.96 | 36.60 | 11.54 | 35.40 | 11.14 | 33.00 | 10.34 | | | |
| | -3 | -3.7 | 42.60 | 12.98 | 40.20 | 12.16 | 37.80 | 11.38 | 36.60 | 11.00 | 35.40 | 10.60 | 33.00 | 9.86 | | | |
| | 0 | -0.7 | 42.60 | 12.04 | 40.20 | 11.30 | 37.80 | 10.58 | 36.60 | 10.24 | 35.40 | 9.88 | 33.00 | 9.20 | | | |
| | 3 | 2.2 | 42.60 | 11.26 | 40.20 | 10.58 | 37.80 | 9.92 | 36.60 | 9.60 | 35.40 | 9.28 | 33.00 | 8.66 | | | |
| | 5 | 4.1 | 42.60 | 10.82 | 40.20 | 10.16 | 37.80 | 9.54 | 36.60 | 9.22 | 35.40 | 8.92 | 33.00 | 8.32 | | | |
| | 8.3 | 6.1 | 42.60 | 10.38 | 40.20 | 9.78 | 37.80 | 9.20 | 36.60 | 8.90 | 35.40 | 8.60 | 33.00 | 8.02 | | | |
| | 9 | 7.9 | 42.60 | 10.02 | 40.20 | 9.44 | 37.80 | 8.86 | 36.60 | 8.58 | 35.40 | 8.30 | 33.00 | 7.76 | | | |
| | 11 | 9.8 | 42.60 | 9.66 | 40.20 | 9.10 | 37.80 | 8.56 | 36.60 | 8.30 | 35.40 | 8.02 | 33.00 | 7.50 | | | |
| | 13 | 11.8 | 42.60 | 9.32 | 40.20 | 8.80 | 37.80 | 8.26 | 36.60 | 8.00 | 35.40 | 7.76 | 33.00 | 7.26 | | | |
| | 15 | 13.7 | 42.60 | 9.02 | 40.20 | 8.50 | 37.80 | 8.00 | 36.60 | 7.76 | 35.40 | 7.52 | 33.00 | 7.04 | | | |
| | 19 | 14.2 | 42.60 | 8.76 | 40.20 | 8.10 | 37.80 | 7.76 | 36.60 | 7.52 | 35.40 | 7.24 | 33.00 | 6.74 | | | |
| | 21 | 15 | 42.60 | 8.40 | 40.20 | 7.86 | 37.80 | 7.44 | 36.60 | 7.28 | 35.40 | 7.00 | 33.00 | 6.48 | | | |
| 50 | -14.7 | -15 | 35.60 | 14.92 | 33.60 | 14.02 | 31.60 | 13.12 | 30.40 | 12.62 | 29.40 | 12.16 | 27.40 | 11.28 | | | |
| | -12.6 | -13 | 35.60 | 14.02 | 33.60 | 13.12 | 31.60 | 12.22 | 30.40 | 11.80 | 29.40 | 11.38 | 27.40 | 10.56 | | | |
| | -10.5 | -11 | 35.60 | 13.12 | 33.60 | 12.26 | 31.60 | 11.46 | 30.40 | 11.08 | 29.40 | 10.70 | 27.40 | 9.94 | | | |
| | -9.5 | -10 | 35.60 | 12.68 | 33.60 | 11.90 | 31.60 | 11.14 | 30.40 | 10.76 | 29.40 | 10.38 | 27.40 | 9.66 | | | |
| | -8.5 | -9.1 | 35.60 | 12.34 | 33.60 | 11.58 | 31.60 | 10.84 | 30.40 | 10.48 | 29.40 | 10.12 | 27.40 | 9.40 | | | |
| | -7 | -7.6 | 35.60 | 11.82 | 33.60 | 11.10 | 31.60 | 10.40 | 30.40 | 10.06 | 29.40 | 9.72 | 27.40 | 9.04 | | | |
| | -5 | -5.6 | 35.60 | 11.20 | 33.60 | 10.52 | 31.60 | 9.88 | 30.40 | 9.56 | 29.40 | 9.22 | 27.40 | 8.60 | | | |
| | -3 | -3.7 | 35.60 | 10.66 | 33.60 | 10.04 | 31.60 | 9.42 | 30.40 | 9.12 | 29.40 | 8.82 | 27.40 | 8.22 | | | |
| | 0 | -0.7 | 35.60 | 9.94 | 33.60 | 9.36 | 31.60 | 8.80 | 30.40 | 8.52 | 29.40 | 8.24 | 27.40 | 7.70 | | | |
| | 3 | 2.2 | 35.60 | 9.32 | 33.60 | 8.80 | 31.60 | 8.28 | 30.40 | 8.02 | 29.40 | 7.76 | 27.40 | 7.26 | | | |
| | 5 | 4.1 | 35.60 | 8.98 | 33.60 | 8.48 | 31.60 | 7.98 | 30.40 | 7.72 | 29.40 | 7.34 | 27.40 | 7.00 | | | |
| | 8.3 | 6.1 | 35.60 | 8.64 | 33.60 | 8.16 | 31.60 | 7.68 | 30.40 | 7.46 | 29.40 | 7.22 | 27.40 | 6.78 | | | |
| | 9 | 7.9 | 35.60 | 8.34 | 33.60 | 7.88 | 31.60 | 7.44 | 30.40 | 7.22 | 29.40 | 7.00 | 27.40 | 6.56 | | | |
| | 11 | 9.8 | 35.60 | 8.06 | 33.60 | 7.62 | 31.60 | 7.20 | 30.40 | 6.98 | 29.40 | 6.78 | 27.40 | 6.36 | | | |
| | 13 | 11.8 | 35.60 | 7.80 | 33.60 | 7.38 | 31.60 | 6.96 | 30.40 | 6.76 | 29.40 | 6.56 | 27.40 | 6.16 | | | |
| | 15 | 13.7 | 35.60 | 7.56 | 33.60 | 7.16 | 31.60 | 6.76 | 30.40 | 6.56 | 29.40 | 6.36 | 27.40 | 6.00 | | | |
| | 19 | 14.2 | 35.60 | 7.32 | 33.60 | 6.88 | 31.60 | 6.52 | 30.40 | 6.28 | 29.40 | 6.14 | 27.40 | 5.72 | | | |
| | 21 | 15 | 35.60 | 6.84 | 33.60 | 6.68 | 31.60 | 6.36 | 30.40 | 6.02 | 29.40 | 5.90 | 27.40 | 5.50 | | | |

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

| | | YCV615HR | | Heating Capacity | | | | | | | | | | | |
|---------------------|---------------|----------------------|-------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | kW | kW |
| °C DB | | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| 130 | -14.7 | -15 | 43.70 | 10.45 | 43.70 | 11.02 | 43.70 | 11.62 | 43.60 | 11.90 | 43.60 | 12.20 | 43.60 | 12.79 | |
| | -12.6 | -13 | 45.90 | 11.00 | 45.90 | 11.58 | 45.90 | 12.12 | 45.90 | 12.38 | 45.90 | 12.67 | 45.90 | 13.22 | |
| | -10.5 | -11 | 48.20 | 11.53 | 48.20 | 12.05 | 48.20 | 12.56 | 48.20 | 12.82 | 48.20 | 13.08 | 48.20 | 13.58 | |
| | -9.5 | -10 | 49.90 | 11.77 | 49.90 | 12.25 | 49.90 | 12.76 | 49.90 | 13.04 | 49.90 | 13.28 | 49.90 | 13.79 | |
| | -8.5 | -9.1 | 51.50 | 11.96 | 51.50 | 12.45 | 51.50 | 12.94 | 51.50 | 13.21 | 51.50 | 13.43 | 51.50 | 13.93 | |
| | -7 | -7.6 | 53.70 | 12.27 | 53.70 | 12.75 | 53.70 | 13.24 | 53.70 | 13.50 | 53.70 | 13.67 | 53.70 | 14.17 | |
| | -5 | -5.6 | 56.00 | 12.64 | 56.00 | 13.11 | 56.00 | 13.53 | 56.00 | 13.77 | 56.00 | 14.01 | 56.00 | 14.44 | |
| | -3 | -3.7 | 58.20 | 12.99 | 58.20 | 13.39 | 58.20 | 13.86 | 58.20 | 14.11 | 58.20 | 14.27 | 58.20 | 14.78 | |
| | 0 | -0.7 | 61.40 | 13.46 | 61.40 | 13.86 | 61.40 | 14.25 | 61.40 | 14.48 | 61.40 | 14.63 | 61.40 | 15.05 | |
| | 3 | 2.2 | 64.10 | 13.84 | 64.10 | 14.21 | 64.10 | 14.60 | 64.10 | 14.78 | 64.10 | 14.98 | 64.10 | 15.40 | |
| | 5 | 4.1 | 66.70 | 14.08 | 66.70 | 14.46 | 66.70 | 14.84 | 66.70 | 14.98 | 66.70 | 15.26 | 66.70 | 15.53 | |
| | 8.3 | 6.1 | 69.00 | 14.32 | 69.00 | 14.69 | 69.00 | 14.98 | 69.00 | 15.18 | 69.00 | 15.40 | 69.00 | 15.73 | |
| | 9 | 7.9 | 71.50 | 14.46 | 71.40 | 14.84 | 71.40 | 15.18 | 71.40 | 15.40 | 71.40 | 15.53 | 71.40 | 15.88 | |
| | 11 | 9.8 | 74.10 | 14.70 | 74.10 | 14.98 | 74.10 | 15.40 | 74.10 | 15.53 | 74.10 | 15.73 | 74.10 | 16.02 | |
| | 13 | 11.8 | 75.80 | 14.84 | 75.80 | 15.18 | 75.80 | 15.53 | 75.80 | 15.73 | 75.80 | 15.88 | 75.80 | 16.16 | |
| | 15 | 13.7 | 78.00 | 15.04 | 78.00 | 15.32 | 78.00 | 15.67 | 78.00 | 15.88 | 78.00 | 16.02 | 78.00 | 16.17 | |
| | 19 | 14.2 | 78.00 | 15.26 | 78.00 | 15.55 | 78.00 | 15.82 | 78.00 | 16.02 | 78.00 | 16.16 | 78.00 | 15.79 | |
| | 21 | 15 | 78.00 | 15.46 | 78.00 | 15.77 | 78.00 | 15.97 | 78.00 | 16.14 | 78.00 | 16.12 | 78.00 | 15.33 | |
| 120 | -14.7 | -15 | 43.70 | 11.24 | 43.60 | 11.77 | 43.60 | 12.31 | 43.60 | 12.58 | 43.60 | 12.84 | 43.60 | 13.39 | |
| | -12.6 | -13 | 45.90 | 11.76 | 45.90 | 12.27 | 45.90 | 12.78 | 45.90 | 13.02 | 45.90 | 13.26 | 45.90 | 13.81 | |
| | -10.5 | -11 | 48.20 | 12.23 | 48.20 | 12.69 | 48.20 | 13.19 | 48.20 | 13.43 | 48.20 | 13.67 | 48.20 | 14.19 | |
| | -9.5 | -10 | 49.90 | 12.45 | 49.90 | 12.91 | 49.90 | 13.39 | 49.90 | 13.58 | 49.90 | 13.81 | 49.90 | 14.33 | |
| | -8.5 | -9.1 | 51.50 | 12.62 | 51.50 | 13.07 | 51.50 | 13.53 | 51.50 | 13.77 | 51.50 | 14.01 | 51.50 | 14.44 | |
| | -7 | -7.6 | 53.70 | 12.91 | 53.70 | 13.37 | 53.70 | 13.77 | 53.70 | 14.01 | 53.70 | 14.19 | 53.70 | 14.71 | |
| | -5 | -5.6 | 56.00 | 13.26 | 56.00 | 13.66 | 56.00 | 14.12 | 56.00 | 14.29 | 56.00 | 14.54 | 56.00 | 14.91 | |
| | -3 | -3.7 | 58.20 | 13.59 | 58.20 | 13.97 | 58.20 | 14.40 | 58.20 | 14.57 | 58.20 | 14.78 | 58.20 | 15.19 | |
| | 0 | -0.7 | 61.40 | 13.99 | 61.40 | 14.38 | 61.40 | 14.78 | 61.40 | 14.91 | 61.40 | 15.11 | 61.40 | 15.08 | |
| | 3 | 2.2 | 64.10 | 14.36 | 64.10 | 14.70 | 64.10 | 15.11 | 64.10 | 15.26 | 64.10 | 15.40 | 64.10 | 15.81 | |
| | 5 | 4.1 | 66.70 | 14.60 | 66.70 | 14.91 | 66.70 | 15.26 | 66.70 | 15.40 | 66.70 | 15.60 | 66.70 | 15.96 | |
| | 8.3 | 6.1 | 69.00 | 14.78 | 69.00 | 15.11 | 69.00 | 15.46 | 69.00 | 15.60 | 69.00 | 15.73 | 69.00 | 16.16 | |
| | 9 | 7.9 | 71.40 | 14.98 | 71.40 | 15.26 | 71.40 | 15.60 | 71.40 | 15.73 | 71.40 | 15.88 | 71.40 | 16.30 | |
| | 11 | 9.8 | 74.10 | 15.11 | 74.10 | 15.46 | 74.10 | 15.73 | 74.10 | 15.88 | 74.10 | 16.02 | 72.10 | 15.89 | |
| | 13 | 11.8 | 75.80 | 15.32 | 75.80 | 15.60 | 75.80 | 15.88 | 75.80 | 16.02 | 75.80 | 16.22 | 72.10 | 15.34 | |
| | 15 | 13.7 | 78.00 | 15.46 | 78.00 | 15.73 | 78.00 | 16.02 | 78.00 | 16.16 | 77.80 | 16.03 | 72.10 | 14.71 | |
| | 19 | 14.2 | 78.00 | 15.75 | 78.00 | 16.03 | 78.00 | 16.18 | 78.00 | 16.01 | 77.80 | 15.67 | 72.10 | 14.46 | |
| | 21 | 15 | 78.00 | 15.98 | 78.00 | 15.94 | 78.00 | 15.92 | 78.00 | 15.72 | 77.80 | 15.13 | 72.10 | 14.23 | |
| 110 | -14.7 | -15 | 43.60 | 12.02 | 43.60 | 12.52 | 43.60 | 12.98 | 43.60 | 13.25 | 43.60 | 13.51 | 43.60 | 13.99 | |
| | -12.6 | -13 | 45.90 | 12.50 | 45.90 | 12.97 | 45.90 | 13.43 | 45.90 | 13.71 | 45.90 | 13.88 | 45.90 | 14.37 | |
| | -10.5 | -11 | 48.20 | 12.92 | 48.20 | 13.33 | 48.20 | 13.81 | 48.20 | 14.05 | 48.20 | 14.23 | 48.20 | 14.71 | |
| | -9.5 | -10 | 49.90 | 13.13 | 49.90 | 13.58 | 49.90 | 13.95 | 49.90 | 14.19 | 49.90 | 14.44 | 49.90 | 14.85 | |
| | -8.5 | -9.1 | 51.50 | 13.29 | 51.50 | 13.71 | 51.50 | 14.15 | 51.50 | 14.33 | 51.50 | 14.57 | 51.50 | 14.98 | |
| | -7 | -7.6 | 53.70 | 13.53 | 53.70 | 13.93 | 53.70 | 14.33 | 53.70 | 14.55 | 53.70 | 14.78 | 53.70 | 15.19 | |
| | -5 | -5.6 | 56.00 | 13.88 | 56.00 | 14.27 | 56.00 | 14.63 | 56.00 | 14.85 | 56.00 | 15.05 | 56.00 | 15.40 | |
| | -3 | -3.7 | 58.20 | 14.15 | 58.20 | 14.54 | 58.20 | 14.91 | 58.20 | 15.05 | 58.20 | 15.34 | 58.20 | 15.60 | |
| | 0 | -0.7 | 61.40 | 14.54 | 61.30 | 14.91 | 61.30 | 15.26 | 61.30 | 15.40 | 61.30 | 15.53 | 61.30 | 15.96 | |
| | 3 | 2.2 | 64.10 | 14.91 | 64.10 | 15.26 | 64.10 | 15.53 | 64.10 | 15.67 | 64.10 | 15.88 | 64.10 | 16.16 | |
| | 5 | 4.1 | 66.70 | 15.11 | 66.70 | 15.40 | 66.70 | 15.67 | 66.70 | 15.88 | 66.70 | 16.02 | 66.20 | 16.16 | |
| | 8.3 | 6.1 | 69.00 | 15.26 | 69.00 | 15.53 | 69.00 | 15.88 | 69.00 | 16.02 | 69.00 | 16.16 | 66.20 | 15.46 | |
| | 9 | 7.9 | 71.40 | 15.46 | 71.40 | 15.73 | 71.40 | 16.02 | 71.40 | 16.16 | 70.90 | 16.01 | 66.20 | 14.91 | |
| | 11 | 9.8 | 74.10 | 15.60 | 74.10 | 15.88 | 74.10 | 16.16 | 73.40 | 16.24 | 70.90 | 15.60 | 66.20 | 14.40 | |
| | 13 | 11.8 | 75.80 | 15.73 | 75.80 | 16.02 | 75.80 | 16.17 | 73.40 | 15.60 | 70.90 | 14.98 | 66.20 | 13.88 | |
| | 15 | 13.7 | 78.00 | 15.88 | 78.00 | 16.16 | 76.00 | 15.60 | 73.40 | 15.05 | 70.90 | 14.48 | 66.20 | 13.35 | |
| | 19 | 14.2 | 78.00 | 15.52 | 78.00 | 15.93 | 76.00 | 15.06 | 73.40 | 14.42 | 70.90 | 13.86 | 66.20 | 13.01 | |
| | 21 | 15 | 78.00 | 15.43 | 78.00 | 15.49 | 76.00 | 14.45 | 73.40 | 13.95 | 70.90 | 13.51 | 66.20 | 12.79 | |

To be continued

Continued

| Capacity Factor (%) | | Outdoor Temp. | | Heating Capacity | | | | | | | | | | | |
|---------------------|-------|---------------|-------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| | | | | Indoor Temp. (°C DB) | | | | | | | | | | | |
| | | | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | |
| | | °C DB | °C WB | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| 100 | -14.7 | -15 | 43.60 | 12.80 | 43.60 | 13.26 | 43.60 | 13.72 | 43.60 | 13.92 | 43.60 | 14.12 | 43.60 | 14.57 | |
| | -12.6 | -13 | 45.90 | 13.24 | 45.90 | 13.71 | 45.90 | 14.08 | 45.90 | 14.27 | 45.90 | 14.51 | 45.90 | 14.92 | |
| | -10.5 | -11 | 48.20 | 13.66 | 48.20 | 14.05 | 48.20 | 14.44 | 48.20 | 14.65 | 48.20 | 14.85 | 48.20 | 15.19 | |
| | -9.5 | -10 | 49.90 | 13.81 | 49.90 | 14.19 | 49.90 | 14.57 | 49.90 | 14.78 | 49.90 | 14.98 | 49.90 | 15.34 | |
| | -8.5 | -9.1 | 51.50 | 13.94 | 51.50 | 14.33 | 51.50 | 14.71 | 51.50 | 14.91 | 51.50 | 15.13 | 51.50 | 15.47 | |
| | -7 | -7.6 | 53.70 | 14.19 | 53.70 | 14.57 | 53.70 | 14.91 | 53.70 | 15.13 | 53.70 | 15.34 | 53.70 | 15.67 | |
| | -5 | -5.6 | 56.00 | 14.50 | 56.00 | 14.85 | 56.00 | 15.19 | 56.00 | 15.34 | 56.00 | 15.53 | 56.00 | 15.89 | |
| | -3 | -3.7 | 58.20 | 14.78 | 58.20 | 15.05 | 58.20 | 15.40 | 58.20 | 15.53 | 58.20 | 15.75 | 58.20 | 16.09 | |
| | 0 | -0.7 | 61.30 | 15.11 | 61.30 | 15.40 | 61.30 | 15.67 | 61.30 | 15.88 | 61.30 | 16.02 | 60.10 | 16.15 | |
| | 3 | 2.2 | 64.10 | 15.40 | 64.10 | 15.67 | 64.10 | 16.02 | 64.10 | 16.16 | 64.10 | 16.30 | 60.10 | 15.18 | |
| | 5 | 4.1 | 66.70 | 15.53 | 66.70 | 15.88 | 66.70 | 16.16 | 66.70 | 16.30 | 64.60 | 15.73 | 60.10 | 14.52 | |
| | 8.3 | 6.1 | 69.00 | 15.73 | 69.00 | 16.02 | 69.00 | 17.12 | 66.70 | 15.67 | 64.60 | 15.11 | 60.10 | 13.94 | |
| | 9 | 7.9 | 71.40 | 15.88 | 71.20 | 16.16 | 69.00 | 15.67 | 66.70 | 15.11 | 64.60 | 14.50 | 60.10 | 13.42 | |
| | 11 | 9.8 | 74.10 | 16.02 | 73.30 | 16.24 | 69.00 | 15.05 | 66.70 | 14.54 | 64.60 | 13.97 | 60.10 | 13.70 | |
| | 13 | 11.8 | 75.80 | 16.16 | 73.30 | 15.53 | 69.00 | 14.54 | 66.70 | 13.98 | 64.60 | 13.50 | 60.10 | 12.48 | |
| | 15 | 13.7 | 77.80 | 16.03 | 73.30 | 15.05 | 69.00 | 14.01 | 66.70 | 13.50 | 64.60 | 13.04 | 60.10 | 12.05 | |
| | 19 | 14.2 | 77.80 | 15.52 | 73.30 | 14.58 | 69.00 | 13.66 | 66.70 | 12.92 | 64.60 | 12.42 | 60.10 | 11.55 | |
| | 21 | 15 | 77.80 | 15.12 | 73.30 | 14.01 | 69.00 | 13.14 | 66.70 | 12.57 | 64.60 | 11.90 | 60.10 | 11.18 | |
| 90 | -14.7 | -15 | 43.60 | 13.61 | 43.60 | 14.00 | 43.60 | 14.41 | 43.60 | 14.65 | 43.60 | 14.78 | 43.60 | 15.13 | |
| | -12.6 | -13 | 45.90 | 13.99 | 45.90 | 14.37 | 45.90 | 14.71 | 45.90 | 14.92 | 45.90 | 15.05 | 45.90 | 15.47 | |
| | -10.5 | -11 | 48.20 | 14.33 | 48.20 | 14.71 | 48.20 | 15.05 | 48.20 | 15.27 | 48.20 | 15.34 | 48.20 | 15.67 | |
| | -9.5 | -10 | 49.90 | 14.49 | 49.90 | 14.85 | 49.90 | 15.27 | 49.90 | 15.41 | 49.90 | 15.47 | 49.90 | 15.89 | |
| | -8.5 | -9.1 | 51.50 | 14.57 | 51.50 | 14.98 | 51.50 | 15.41 | 51.50 | 15.54 | 51.50 | 15.60 | 51.50 | 16.03 | |
| | -7 | -7.6 | 53.70 | 14.85 | 53.70 | 15.19 | 53.70 | 15.54 | 53.70 | 15.75 | 53.70 | 15.89 | 53.60 | 16.17 | |
| | -5 | -5.6 | 56.00 | 15.05 | 56.00 | 15.40 | 56.00 | 15.75 | 56.00 | 15.89 | 56.00 | 16.09 | 54.00 | 16.07 | |
| | -3 | -3.7 | 58.20 | 15.34 | 58.20 | 15.67 | 58.20 | 15.96 | 58.20 | 16.09 | 58.20 | 16.24 | 54.00 | 15.53 | |
| | 0 | -0.7 | 61.30 | 15.67 | 61.30 | 15.96 | 61.30 | 16.24 | 59.90 | 16.07 | 58.00 | 15.60 | 54.00 | 14.20 | |
| | 3 | 2.2 | 64.10 | 15.96 | 65.10 | 16.16 | 62.00 | 15.66 | 59.90 | 15.18 | 58.00 | 14.52 | 54.00 | 13.46 | |
| | 5 | 4.1 | 66.70 | 16.09 | 66.10 | 16.16 | 62.00 | 15.04 | 59.90 | 14.52 | 58.00 | 13.94 | 54.00 | 12.91 | |
| | 8.3 | 6.1 | 69.00 | 16.24 | 66.10 | 15.53 | 62.00 | 14.46 | 59.90 | 13.94 | 58.00 | 13.42 | 54.00 | 12.41 | |
| | 9 | 7.9 | 70.00 | 15.96 | 66.10 | 14.91 | 62.00 | 13.94 | 59.90 | 13.42 | 58.00 | 12.92 | 54.00 | 11.95 | |
| | 11 | 9.8 | 70.00 | 15.34 | 66.10 | 14.36 | 62.00 | 13.42 | 59.90 | 12.94 | 58.00 | 12.46 | 54.00 | 11.56 | |
| | 13 | 11.8 | 70.00 | 14.78 | 66.10 | 13.85 | 62.00 | 12.92 | 59.90 | 12.47 | 58.00 | 12.04 | 54.00 | 11.16 | |
| | 15 | 13.7 | 70.00 | 14.26 | 66.10 | 13.35 | 62.00 | 12.47 | 59.90 | 12.05 | 58.00 | 11.65 | 54.00 | 10.79 | |
| | 19 | 14.2 | 70.00 | 13.86 | 66.10 | 12.97 | 62.00 | 12.09 | 59.90 | 11.63 | 58.00 | 11.18 | 54.00 | 10.32 | |
| | 21 | 15 | 70.00 | 13.27 | 66.10 | 12.34 | 62.00 | 11.78 | 59.90 | 11.19 | 58.00 | 10.65 | 54.00 | 9.93 | |
| 80 | -14.7 | -15 | 43.60 | 14.37 | 43.60 | 14.78 | 43.60 | 15.13 | 43.60 | 15.27 | 43.60 | 15.41 | 43.60 | 15.75 | |
| | -12.6 | -13 | 45.90 | 14.71 | 45.90 | 15.06 | 45.90 | 15.41 | 45.90 | 15.54 | 45.90 | 15.75 | 45.90 | 16.03 | |
| | -10.5 | -11 | 48.20 | 14.98 | 48.20 | 15.34 | 48.20 | 15.60 | 48.20 | 15.81 | 48.20 | 16.03 | 48.10 | 16.16 | |
| | -9.5 | -10 | 49.90 | 15.19 | 49.90 | 15.47 | 49.90 | 15.75 | 49.90 | 15.96 | 49.90 | 16.09 | 48.10 | 15.99 | |
| | -8.5 | -9.1 | 51.50 | 15.34 | 51.50 | 15.60 | 51.50 | 15.89 | 51.50 | 16.09 | 51.50 | 16.24 | 48.10 | 15.56 | |
| | -7 | -7.6 | 53.70 | 15.47 | 53.70 | 15.75 | 53.60 | 16.09 | 53.60 | 16.24 | 51.60 | 16.07 | 48.10 | 14.96 | |
| | -5 | -5.6 | 56.00 | 15.75 | 56.00 | 15.96 | 56.00 | 16.24 | 53.30 | 15.99 | 51.60 | 15.37 | 48.10 | 14.21 | |
| | -3 | -3.7 | 58.20 | 15.96 | 58.20 | 16.24 | 55.20 | 15.79 | 53.30 | 15.17 | 51.60 | 14.65 | 48.10 | 13.52 | |
| | 0 | -0.7 | 61.30 | 16.24 | 58.60 | 15.66 | 55.20 | 14.70 | 53.30 | 14.18 | 51.60 | 13.58 | 48.10 | 12.61 | |
| | 3 | 2.2 | 62.10 | 15.73 | 58.60 | 14.76 | 55.20 | 13.77 | 53.30 | 13.24 | 51.60 | 12.76 | 48.10 | 11.85 | |
| | 5 | 4.1 | 62.10 | 15.11 | 58.60 | 14.14 | 55.20 | 13.21 | 53.30 | 12.72 | 51.60 | 12.28 | 48.10 | 11.38 | |
| | 8.3 | 6.1 | 62.10 | 14.48 | 58.60 | 13.56 | 55.20 | 12.69 | 53.30 | 12.26 | 51.60 | 11.82 | 48.10 | 10.95 | |
| | 9 | 7.9 | 62.10 | 13.94 | 58.60 | 13.06 | 55.20 | 12.23 | 53.30 | 11.80 | 51.60 | 11.39 | 48.10 | 10.56 | |
| | 11 | 9.8 | 62.10 | 13.46 | 58.60 | 12.59 | 55.20 | 11.79 | 53.30 | 11.39 | 51.60 | 10.99 | 48.10 | 10.22 | |
| | 13 | 11.8 | 62.10 | 12.97 | 58.60 | 12.16 | 55.20 | 11.38 | 53.30 | 10.99 | 51.60 | 10.60 | 48.10 | 9.86 | |
| | 15 | 13.7 | 62.10 | 12.54 | 58.60 | 11.70 | 55.20 | 11.01 | 53.30 | 10.64 | 51.60 | 10.28 | 48.10 | 9.56 | |
| | 19 | 14.2 | 62.10 | 12.10 | 58.60 | 11.42 | 55.20 | 10.63 | 53.30 | 10.20 | 51.60 | 9.84 | 48.10 | 9.21 | |
| | 21 | 15 | 62.10 | 11.71 | 58.60 | 10.99 | 55.20 | 10.26 | 53.30 | 9.82 | 51.60 | 9.43 | 48.10 | 8.77 | |

Capacity table

To be continued

Continued

| Capacity Factor (%) | | Outdoor Temp. | | Heating Capacity | | | | | | | | | | | |
|---------------------|-------|---------------|-------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| | | | | Indoor Temp. (°C DB) | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | |
| °C DB | °C WB | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | TC | PI |
| 70 | -14.7 | -15 | 43.60 | 15.13 | 43.60 | 15.47 | 43.60 | 15.83 | 43.60 | 15.96 | 43.60 | 16.11 | 42.10 | 15.99 | |
| | -12.6 | -13 | 45.90 | 15.47 | 45.90 | 15.75 | 45.90 | 16.03 | 45.90 | 16.17 | 45.10 | 16.07 | 42.10 | 15.23 | |
| | -10.5 | -11 | 48.20 | 15.67 | 48.20 | 16.03 | 48.30 | 16.16 | 46.60 | 15.85 | 45.10 | 15.43 | 42.10 | 14.29 | |
| | -9.5 | -10 | 49.90 | 15.81 | 49.90 | 16.09 | 48.30 | 15.99 | 46.60 | 15.50 | 45.10 | 14.96 | 42.10 | 13.78 | |
| | -8.5 | -9.1 | 51.50 | 15.96 | 51.50 | 16.24 | 48.30 | 15.64 | 46.60 | 15.08 | 45.10 | 14.54 | 42.10 | 13.50 | |
| | -7 | -7.6 | 53.60 | 16.09 | 51.40 | 15.99 | 48.30 | 15.10 | 46.60 | 14.47 | 45.10 | 13.96 | 42.10 | 12.92 | |
| | -5 | -5.6 | 54.50 | 16.22 | 51.40 | 15.30 | 48.30 | 14.23 | 46.60 | 13.75 | 45.10 | 13.24 | 42.10 | 12.28 | |
| | -3 | -3.7 | 54.50 | 15.59 | 51.40 | 14.55 | 48.30 | 13.61 | 46.60 | 13.13 | 45.10 | 12.63 | 42.10 | 11.70 | |
| | 0 | -0.7 | 54.50 | 14.47 | 51.40 | 13.54 | 48.30 | 12.65 | 46.60 | 12.21 | 45.10 | 11.79 | 42.10 | 10.93 | |
| | 3 | 2.2 | 54.50 | 13.58 | 51.40 | 12.73 | 48.30 | 11.87 | 46.60 | 11.47 | 45.10 | 11.07 | 42.10 | 10.30 | |
| | 5 | 4.1 | 54.50 | 13.02 | 51.40 | 12.20 | 48.30 | 11.41 | 46.60 | 11.04 | 45.10 | 10.66 | 42.10 | 9.91 | |
| | 8.3 | 6.1 | 54.50 | 12.52 | 51.40 | 11.75 | 48.30 | 11.01 | 46.60 | 10.64 | 45.10 | 10.27 | 42.10 | 9.55 | |
| | 9 | 7.9 | 54.50 | 12.08 | 51.40 | 11.34 | 48.30 | 10.62 | 46.60 | 10.26 | 45.10 | 9.90 | 42.10 | 9.23 | |
| | 11 | 9.8 | 54.50 | 11.64 | 51.40 | 10.93 | 48.30 | 10.25 | 46.60 | 9.90 | 45.10 | 9.54 | 42.10 | 8.93 | |
| | 13 | 11.8 | 54.50 | 11.22 | 51.40 | 10.57 | 48.30 | 9.90 | 46.60 | 9.58 | 45.10 | 9.28 | 42.10 | 8.63 | |
| | 15 | 13.7 | 54.50 | 10.87 | 51.40 | 10.22 | 48.30 | 9.61 | 46.60 | 9.28 | 45.10 | 8.97 | 42.10 | 8.38 | |
| | 19 | 14.2 | 54.50 | 10.43 | 51.40 | 9.85 | 48.30 | 9.30 | 46.60 | 8.99 | 45.10 | 8.52 | 42.10 | 8.08 | |
| | 21 | 15 | 54.50 | 9.99 | 51.40 | 9.31 | 48.30 | 8.84 | 46.60 | 8.44 | 45.10 | 8.11 | 42.10 | 7.62 | |
| 60 | -14.7 | -15 | 43.60 | 15.96 | 43.60 | 16.17 | 41.30 | 15.85 | 40.10 | 15.21 | 38.70 | 14.73 | 36.00 | 13.60 | |
| | -12.6 | -13 | 45.90 | 16.17 | 44.00 | 15.85 | 41.30 | 14.81 | 40.10 | 14.29 | 38.70 | 13.78 | 36.00 | 12.75 | |
| | -10.5 | -11 | 46.60 | 15.85 | 44.00 | 15.02 | 41.30 | 13.98 | 40.10 | 13.47 | 38.70 | 12.98 | 36.00 | 12.02 | |
| | -9.5 | -10 | 46.60 | 15.50 | 44.00 | 14.51 | 41.30 | 13.56 | 40.10 | 13.08 | 38.70 | 12.61 | 36.00 | 11.68 | |
| | -8.5 | -9.1 | 46.60 | 15.08 | 44.00 | 14.16 | 41.30 | 13.24 | 40.10 | 12.75 | 38.70 | 12.29 | 36.00 | 11.39 | |
| | -7 | -7.6 | 46.60 | 14.47 | 44.00 | 13.58 | 41.30 | 12.70 | 40.10 | 12.24 | 38.70 | 11.86 | 36.00 | 10.97 | |
| | -5 | -5.6 | 46.60 | 13.75 | 44.00 | 12.89 | 41.30 | 12.06 | 40.10 | 11.62 | 38.70 | 11.20 | 36.00 | 10.42 | |
| | -3 | -3.7 | 46.60 | 13.15 | 44.00 | 12.29 | 41.30 | 11.50 | 40.10 | 11.13 | 38.70 | 10.74 | 36.00 | 9.97 | |
| | 0 | -0.7 | 46.60 | 12.21 | 44.00 | 11.46 | 41.30 | 10.75 | 40.10 | 10.37 | 38.70 | 10.03 | 36.00 | 9.32 | |
| | 3 | 2.2 | 46.60 | 11.45 | 44.00 | 10.79 | 41.30 | 10.12 | 40.10 | 9.75 | 38.70 | 9.44 | 36.00 | 8.83 | |
| | 5 | 4.1 | 46.60 | 11.04 | 44.00 | 10.37 | 41.30 | 9.72 | 40.10 | 9.41 | 38.70 | 9.11 | 36.00 | 8.51 | |
| | 8.3 | 6.1 | 46.60 | 10.63 | 44.00 | 10.00 | 41.30 | 9.40 | 40.10 | 9.10 | 38.70 | 8.80 | 36.00 | 8.21 | |
| | 9 | 7.9 | 46.60 | 10.26 | 44.00 | 9.67 | 41.30 | 9.08 | 40.10 | 8.79 | 38.70 | 8.50 | 36.00 | 7.94 | |
| | 11 | 9.8 | 46.60 | 9.90 | 44.00 | 9.32 | 41.30 | 8.78 | 40.10 | 8.50 | 38.70 | 8.25 | 36.00 | 7.68 | |
| | 13 | 11.8 | 46.60 | 9.57 | 44.00 | 9.02 | 41.30 | 8.48 | 40.10 | 8.24 | 38.70 | 7.97 | 36.00 | 7.45 | |
| | 15 | 13.7 | 46.60 | 9.28 | 44.00 | 8.75 | 41.30 | 8.24 | 40.10 | 7.98 | 38.70 | 7.74 | 36.00 | 7.23 | |
| | 19 | 14.2 | 46.60 | 8.96 | 44.00 | 8.39 | 41.30 | 7.90 | 40.10 | 7.63 | 38.70 | 7.39 | 36.00 | 6.94 | |
| | 21 | 15 | 46.60 | 8.55 | 44.00 | 8.07 | 41.30 | 7.58 | 40.10 | 7.38 | 38.70 | 7.14 | 36.00 | 6.61 | |
| 50 | -14.7 | -15 | 38.90 | 14.75 | 36.70 | 13.84 | 34.50 | 12.94 | 33.30 | 12.47 | 32.20 | 12.05 | 30.00 | 11.16 | |
| | -12.6 | -13 | 38.90 | 13.87 | 36.70 | 13.01 | 34.50 | 12.15 | 33.30 | 11.73 | 32.20 | 11.32 | 30.00 | 10.53 | |
| | -10.5 | -11 | 38.90 | 13.06 | 36.70 | 12.24 | 34.50 | 11.46 | 33.30 | 11.06 | 32.20 | 10.68 | 30.00 | 9.92 | |
| | -9.5 | -10 | 38.90 | 12.68 | 36.70 | 11.88 | 34.50 | 11.16 | 33.30 | 10.77 | 32.20 | 10.41 | 30.00 | 9.67 | |
| | -8.5 | -9.1 | 38.90 | 12.36 | 36.70 | 11.60 | 34.50 | 10.86 | 33.30 | 10.49 | 32.20 | 10.15 | 30.00 | 9.42 | |
| | -7 | -7.6 | 38.90 | 11.88 | 36.70 | 11.14 | 34.50 | 10.45 | 33.30 | 10.11 | 32.20 | 9.77 | 30.00 | 9.10 | |
| | -5 | -5.6 | 38.90 | 11.28 | 36.70 | 10.62 | 34.50 | 9.95 | 33.30 | 9.62 | 32.20 | 9.29 | 30.00 | 8.69 | |
| | -3 | -3.7 | 38.90 | 10.77 | 36.70 | 10.16 | 34.50 | 9.52 | 33.30 | 9.22 | 32.20 | 8.91 | 30.00 | 8.31 | |
| | 0 | -0.7 | 38.90 | 10.07 | 36.70 | 9.52 | 34.50 | 8.94 | 33.30 | 8.65 | 32.20 | 8.37 | 30.00 | 7.83 | |
| | 3 | 2.2 | 38.90 | 9.50 | 36.70 | 8.96 | 34.50 | 8.42 | 33.30 | 8.17 | 32.20 | 7.90 | 30.00 | 7.38 | |
| | 5 | 4.1 | 38.90 | 9.15 | 36.70 | 8.65 | 34.50 | 8.15 | 33.30 | 7.88 | 32.20 | 7.57 | 30.00 | 7.18 | |
| | 8.3 | 6.1 | 38.90 | 8.82 | 36.70 | 8.34 | 34.50 | 7.86 | 33.30 | 7.63 | 32.20 | 7.40 | 30.00 | 6.91 | |
| | 9 | 7.9 | 38.90 | 8.53 | 36.70 | 8.07 | 34.50 | 7.62 | 33.30 | 7.40 | 32.20 | 7.16 | 30.00 | 6.73 | |
| | 11 | 9.8 | 38.90 | 8.27 | 36.70 | 7.83 | 34.50 | 7.39 | 33.30 | 7.17 | 32.20 | 6.95 | 30.00 | 6.52 | |
| | 13 | 11.8 | 38.90 | 8.00 | 36.70 | 7.56 | 34.50 | 7.14 | 33.30 | 6.94 | 32.20 | 6.73 | 30.00 | 6.31 | |
| | 15 | 13.7 | 38.90 | 7.77 | 36.70 | 7.37 | 34.50 | 6.94 | 33.30 | 6.77 | 32.20 | 6.53 | 30.00 | 6.15 | |
| | 19 | 14.2 | 38.90 | 7.51 | 36.70 | 7.09 | 34.50 | 6.65 | 33.30 | 6.44 | 32.20 | 6.26 | 30.00 | 5.92 | |
| | 21 | 15 | 38.90 | 7.15 | 36.70 | 6.72 | 34.50 | 6.41 | 33.30 | 6.19 | 32.20 | 6.02 | 30.00 | 5.69 | |

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

| | | YCV680HR | | | | Heating Capacity | | | | | | | | | | | |
|---------------------|---------------|----------------------|-------|-------|-------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|----|----|-------|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| °C DB | | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| 130 | -14.7 | -15 | 46.90 | 11.92 | 46.90 | 12.62 | 46.90 | 13.32 | 46.80 | 13.67 | 46.80 | 14.03 | 46.80 | 14.73 | | | |
| | -12.6 | -13 | 49.50 | 12.65 | 49.50 | 13.32 | 49.50 | 13.98 | 49.50 | 14.30 | 49.50 | 14.64 | 49.50 | 15.29 | | | |
| | -10.5 | -11 | 52.40 | 13.30 | 52.40 | 13.93 | 52.40 | 14.55 | 52.40 | 14.86 | 52.40 | 15.19 | 52.40 | 15.77 | | | |
| | -9.5 | -10 | 54.00 | 13.61 | 54.00 | 14.21 | 54.00 | 14.81 | 54.00 | 15.12 | 54.00 | 15.43 | 54.00 | 16.06 | | | |
| | -8.5 | -9.1 | 55.20 | 13.87 | 55.20 | 14.46 | 55.20 | 15.04 | 55.20 | 15.34 | 55.20 | 15.60 | 55.20 | 16.22 | | | |
| | -7 | -7.6 | 57.40 | 14.26 | 57.40 | 14.83 | 57.40 | 15.40 | 57.40 | 15.77 | 57.40 | 15.91 | 57.40 | 16.54 | | | |
| | -5 | -5.6 | 60.20 | 14.73 | 60.20 | 15.28 | 60.20 | 15.77 | 60.20 | 16.06 | 60.20 | 16.37 | 60.20 | 16.85 | | | |
| | -3 | -3.7 | 62.80 | 15.17 | 62.80 | 15.60 | 62.80 | 16.22 | 62.80 | 16.54 | 62.80 | 16.68 | 62.80 | 17.30 | | | |
| | 0 | -0.7 | 67.10 | 15.77 | 67.10 | 16.22 | 67.10 | 16.68 | 67.10 | 16.99 | 67.10 | 17.14 | 67.10 | 17.62 | | | |
| | 3 | 2.2 | 71.00 | 16.22 | 71.00 | 16.68 | 71.00 | 17.14 | 71.00 | 17.30 | 71.00 | 17.62 | 71.00 | 18.07 | | | |
| | 5 | 4.1 | 73.80 | 16.54 | 73.80 | 16.99 | 73.80 | 17.45 | 73.80 | 17.62 | 73.80 | 17.93 | 73.80 | 18.22 | | | |
| | 8.3 | 6.1 | 76.50 | 16.85 | 76.50 | 17.30 | 76.50 | 17.62 | 76.50 | 17.93 | 76.50 | 18.07 | 76.50 | 18.53 | | | |
| | 9 | 7.9 | 79.20 | 16.99 | 79.10 | 17.45 | 79.10 | 17.93 | 79.10 | 18.07 | 79.10 | 18.22 | 79.10 | 18.70 | | | |
| | 11 | 9.8 | 81.80 | 17.30 | 81.80 | 17.62 | 81.80 | 18.07 | 81.80 | 18.22 | 81.80 | 18.53 | 81.80 | 18.84 | | | |
| | 13 | 11.8 | 83.70 | 17.45 | 83.70 | 17.93 | 83.70 | 18.22 | 83.70 | 18.53 | 83.70 | 18.70 | 83.70 | 19.01 | | | |
| | 15 | 13.7 | 87.30 | 17.76 | 87.30 | 18.07 | 87.30 | 18.39 | 87.30 | 18.70 | 87.30 | 18.84 | 87.30 | 18.84 | | | |
| | 19 | 14.2 | 87.30 | 17.93 | 87.30 | 18.27 | 87.30 | 18.55 | 87.30 | 18.85 | 87.30 | 19.02 | 87.30 | 18.67 | | | |
| | 21 | 15 | 87.30 | 18.06 | 87.30 | 18.44 | 87.30 | 18.73 | 87.30 | 18.96 | 87.30 | 18.72 | 87.30 | 18.29 | | | |
| 120 | -14.7 | -15 | 46.90 | 12.86 | 46.80 | 13.51 | 46.80 | 14.16 | 46.80 | 14.49 | 46.80 | 14.81 | 46.80 | 15.45 | | | |
| | -12.6 | -13 | 49.50 | 13.55 | 49.50 | 14.16 | 49.50 | 14.76 | 49.50 | 15.07 | 49.50 | 15.39 | 49.50 | 16.06 | | | |
| | -10.5 | -11 | 52.40 | 14.16 | 52.40 | 14.72 | 52.40 | 15.29 | 52.40 | 15.60 | 52.40 | 15.91 | 52.40 | 16.54 | | | |
| | -9.5 | -10 | 54.00 | 14.43 | 54.00 | 14.98 | 54.00 | 15.60 | 54.00 | 15.77 | 54.00 | 16.06 | 54.00 | 16.68 | | | |
| | -8.5 | -9.1 | 55.20 | 14.66 | 55.20 | 15.20 | 55.20 | 15.77 | 55.20 | 16.06 | 55.20 | 16.37 | 55.20 | 16.85 | | | |
| | -7 | -7.6 | 57.40 | 15.02 | 57.40 | 15.60 | 57.40 | 16.06 | 57.40 | 16.37 | 57.40 | 16.54 | 57.40 | 17.14 | | | |
| | -5 | -5.6 | 60.20 | 15.45 | 60.20 | 15.91 | 60.20 | 16.54 | 60.20 | 16.68 | 60.20 | 17.02 | 60.20 | 17.45 | | | |
| | -3 | -3.7 | 62.80 | 15.91 | 62.80 | 16.37 | 62.80 | 16.85 | 62.80 | 16.99 | 62.80 | 17.34 | 62.80 | 17.76 | | | |
| | 0 | -0.7 | 67.10 | 16.37 | 67.10 | 16.85 | 67.10 | 17.30 | 67.10 | 17.45 | 67.10 | 17.76 | 67.10 | 18.22 | | | |
| | 3 | 2.2 | 71.00 | 16.85 | 71.00 | 17.30 | 71.00 | 17.76 | 71.00 | 17.93 | 71.00 | 18.07 | 71.00 | 18.53 | | | |
| | 5 | 4.1 | 73.80 | 17.14 | 73.80 | 17.45 | 73.80 | 17.93 | 73.80 | 18.07 | 73.80 | 18.39 | 73.80 | 18.70 | | | |
| | 8.3 | 6.1 | 76.50 | 17.30 | 76.50 | 17.76 | 76.50 | 18.22 | 76.50 | 18.39 | 76.50 | 18.53 | 76.50 | 19.01 | | | |
| | 9 | 7.9 | 79.10 | 17.62 | 79.10 | 17.93 | 79.10 | 18.39 | 79.10 | 18.53 | 79.10 | 18.70 | 79.10 | 19.16 | | | |
| | 11 | 9.8 | 81.80 | 17.76 | 81.80 | 18.22 | 81.80 | 18.53 | 81.80 | 18.70 | 81.80 | 18.84 | 81.80 | 18.84 | | | |
| | 13 | 11.8 | 83.70 | 18.07 | 83.70 | 18.39 | 83.70 | 18.70 | 83.70 | 18.84 | 83.70 | 19.16 | 83.70 | 19.00 | | | |
| | 15 | 13.7 | 87.30 | 18.22 | 87.30 | 18.53 | 87.30 | 18.84 | 87.30 | 19.01 | 87.30 | 18.70 | 87.30 | 18.00 | | | |
| | 19 | 14.2 | 87.30 | 18.38 | 87.30 | 18.70 | 87.30 | 18.86 | 87.30 | 18.82 | 87.30 | 18.38 | 87.30 | 16.73 | | | |
| | 21 | 15 | 87.30 | 18.57 | 87.30 | 18.84 | 87.30 | 18.98 | 87.30 | 18.68 | 87.30 | 17.81 | 87.30 | 16.44 | | | |
| 110 | -14.7 | -15 | 46.80 | 13.82 | 46.80 | 14.42 | 46.80 | 14.98 | 46.80 | 15.29 | 46.80 | 15.60 | 46.80 | 16.22 | | | |
| | -12.6 | -13 | 49.50 | 14.44 | 49.50 | 15.00 | 49.50 | 15.60 | 49.50 | 15.91 | 49.50 | 16.06 | 49.50 | 16.68 | | | |
| | -10.5 | -11 | 52.40 | 14.98 | 52.40 | 15.45 | 52.40 | 16.06 | 52.40 | 16.37 | 52.40 | 16.54 | 52.40 | 17.14 | | | |
| | -9.5 | -10 | 54.00 | 15.24 | 54.00 | 15.77 | 54.00 | 16.22 | 54.00 | 16.54 | 54.00 | 16.85 | 54.00 | 17.30 | | | |
| | -8.5 | -9.1 | 55.20 | 15.45 | 55.20 | 15.91 | 55.20 | 16.54 | 55.20 | 16.70 | 55.20 | 16.99 | 55.20 | 17.45 | | | |
| | -7 | -7.6 | 57.40 | 15.77 | 57.40 | 16.22 | 57.40 | 16.68 | 57.40 | 17.02 | 57.40 | 17.30 | 57.40 | 17.76 | | | |
| | -5 | -5.6 | 60.20 | 16.22 | 60.20 | 16.68 | 60.20 | 17.14 | 60.20 | 17.34 | 60.20 | 17.62 | 60.20 | 18.07 | | | |
| | -3 | -3.7 | 62.80 | 16.54 | 62.80 | 16.99 | 62.80 | 17.45 | 62.80 | 17.57 | 62.80 | 17.93 | 62.80 | 18.22 | | | |
| | 0 | -0.7 | 67.10 | 16.99 | 67.00 | 17.45 | 67.00 | 17.93 | 67.00 | 18.05 | 67.00 | 18.22 | 67.00 | 18.70 | | | |
| | 3 | 2.2 | 71.00 | 17.45 | 71.00 | 17.93 | 71.00 | 18.22 | 71.00 | 18.39 | 71.00 | 18.70 | 71.00 | 19.01 | | | |
| | 5 | 4.1 | 73.80 | 17.76 | 73.80 | 18.07 | 73.80 | 18.39 | 73.80 | 18.70 | 73.80 | 18.84 | 73.80 | 19.01 | | | |
| | 8.3 | 6.1 | 76.50 | 17.93 | 76.50 | 18.22 | 76.50 | 18.70 | 76.50 | 18.84 | 76.50 | 19.01 | 76.50 | 18.22 | | | |
| | 9 | 7.9 | 79.10 | 18.22 | 79.10 | 18.53 | 79.10 | 18.84 | 79.10 | 19.01 | 79.10 | 19.01 | 79.10 | 17.45 | | | |
| | 11 | 9.8 | 81.80 | 18.39 | 81.80 | 18.70 | 81.80 | 19.01 | 81.80 | 19.01 | 81.80 | 19.01 | 81.80 | 16.85 | | | |
| | 13 | 11.8 | 83.70 | 18.53 | 83.70 | 18.84 | 83.70 | 18.84 | 83.70 | 18.84 | 83.70 | 18.22 | 83.70 | 17.45 | | | |
| | 15 | 13.7 | 87.30 | 18.70 | 87.30 | 19.01 | 87.30 | 18.22 | 87.30 | 18.40 | 87.30 | 17.62 | 87.30 | 16.85 | | | |
| | 19 | 14.2 | 87.30 | 17.47 | 87.30 | 18.82 | 87.30 | 17.64 | 87.30 | 18.40 | 87.30 | 16.90 | 87.30 | 16.27 | | | |
| | 21 | 15 | 87.30 | 17.62 | 87.30 | 18.29 | 87.30 | 16.70 | 87.30 | 18.40 | 87.30 | 16.39 | 87.30 | 15.81 | | | |
| | | | | | | | | | | | | | | | | | 14.88 |

To be continued

Continued

| Capacity Factor (%) | | Outdoor Temp. | | Heating Capacity | | | | | | | | | | | |
|---------------------|-------|---------------|-------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| | | | | Indoor Temp. (°C DB) | | | | | | | | | | | |
| | | | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| 100 | °C DB | °C WB | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| | -14.7 | -15 | 46.80 | 14.76 | 46.80 | 15.31 | 46.80 | 15.91 | 46.80 | 16.06 | 46.80 | 16.37 | 46.80 | 16.99 | |
| | -12.6 | -13 | 49.50 | 15.34 | 49.50 | 15.91 | 49.50 | 16.37 | 49.50 | 16.54 | 49.50 | 16.85 | 49.50 | 17.30 | |
| | -10.5 | -11 | 52.40 | 15.91 | 52.40 | 16.37 | 52.40 | 16.85 | 52.40 | 16.99 | 52.40 | 17.30 | 52.40 | 17.76 | |
| | -9.5 | -10 | 54.00 | 16.06 | 54.00 | 16.54 | 54.00 | 16.99 | 54.00 | 17.30 | 54.00 | 17.45 | 54.00 | 17.93 | |
| | -8.5 | -9.1 | 55.20 | 16.22 | 55.20 | 16.68 | 55.20 | 17.14 | 55.20 | 17.50 | 55.20 | 17.62 | 55.20 | 18.07 | |
| | -7 | -7.6 | 57.40 | 16.54 | 57.40 | 16.99 | 57.40 | 17.45 | 57.40 | 17.57 | 57.40 | 17.93 | 57.40 | 18.39 | |
| | -5 | -5.6 | 60.20 | 16.99 | 60.20 | 17.30 | 60.20 | 17.76 | 60.20 | 17.89 | 60.20 | 18.22 | 60.20 | 18.53 | |
| | -3 | -3.7 | 62.80 | 17.30 | 62.80 | 17.62 | 62.80 | 18.07 | 62.80 | 18.20 | 62.80 | 18.39 | 62.80 | 18.84 | |
| | 0 | -0.7 | 67.00 | 17.76 | 67.00 | 18.07 | 67.00 | 18.39 | 67.00 | 18.69 | 67.00 | 18.84 | 66.80 | 19.16 | |
| | 3 | 2.2 | 71.00 | 18.07 | 71.00 | 18.39 | 71.00 | 18.84 | 71.00 | 19.01 | 71.00 | 19.16 | 66.80 | 17.93 | |
| | 5 | 4.1 | 73.80 | 18.22 | 73.80 | 18.70 | 73.80 | 19.01 | 73.80 | 19.16 | 71.60 | 18.53 | 66.80 | 17.14 | |
| | 8.3 | 6.1 | 76.50 | 18.53 | 76.50 | 18.84 | 76.50 | 19.07 | 74.10 | 18.39 | 71.60 | 17.76 | 66.80 | 16.37 | |
| | 9 | 7.9 | 79.10 | 18.70 | 79.10 | 19.01 | 76.50 | 18.39 | 74.10 | 17.76 | 71.60 | 16.99 | 66.80 | 15.77 | |
| | 11 | 9.8 | 81.80 | 18.84 | 81.40 | 19.01 | 76.50 | 17.62 | 74.10 | 16.99 | 71.60 | 16.37 | 66.80 | 15.16 | |
| | 13 | 11.8 | 83.70 | 19.01 | 81.40 | 18.22 | 76.50 | 16.99 | 74.10 | 16.37 | 71.60 | 15.77 | 66.80 | 14.59 | |
| | 15 | 13.7 | 86.20 | 18.70 | 81.40 | 17.62 | 76.50 | 16.37 | 74.10 | 15.77 | 71.60 | 15.20 | 66.80 | 14.08 | |
| | 19 | 14.2 | 86.20 | 18.20 | 81.40 | 17.01 | 76.50 | 15.96 | 74.10 | 15.10 | 71.60 | 14.62 | 66.80 | 13.70 | |
| | 21 | 15 | 86.20 | 17.62 | 81.40 | 16.27 | 76.50 | 15.37 | 74.10 | 14.88 | 71.60 | 14.18 | 66.80 | 13.39 | |
| 90 | -14.7 | -15 | 46.80 | 15.77 | 46.80 | 16.22 | 46.80 | 16.68 | 46.80 | 16.99 | 46.80 | 17.14 | 46.80 | 17.62 | |
| | -12.6 | -13 | 49.50 | 16.22 | 49.50 | 16.68 | 49.50 | 17.14 | 49.50 | 17.30 | 49.50 | 17.62 | 49.50 | 18.07 | |
| | -10.5 | -11 | 52.40 | 16.68 | 52.40 | 17.14 | 52.40 | 17.62 | 52.40 | 17.76 | 52.40 | 17.93 | 52.40 | 18.39 | |
| | -9.5 | -10 | 54.00 | 16.85 | 54.00 | 17.30 | 54.00 | 17.76 | 54.00 | 17.93 | 54.00 | 18.07 | 54.00 | 18.53 | |
| | -8.5 | -9.1 | 55.20 | 16.99 | 55.20 | 17.45 | 55.20 | 17.93 | 55.20 | 18.07 | 55.20 | 18.22 | 55.20 | 18.70 | |
| | -7 | -7.6 | 57.40 | 17.30 | 57.40 | 17.76 | 57.40 | 18.07 | 57.40 | 18.39 | 57.40 | 18.53 | 57.30 | 18.84 | |
| | -5 | -5.6 | 60.20 | 17.62 | 60.20 | 18.07 | 60.20 | 18.39 | 60.20 | 18.53 | 60.20 | 18.84 | 59.60 | 19.16 | |
| | -3 | -3.7 | 62.80 | 17.93 | 62.80 | 18.39 | 62.80 | 18.70 | 62.80 | 18.84 | 62.80 | 19.01 | 59.80 | 18.39 | |
| | 0 | -0.7 | 67.00 | 18.39 | 67.00 | 18.70 | 67.00 | 19.01 | 66.40 | 19.16 | 64.30 | 18.39 | 59.80 | 16.99 | |
| | 3 | 2.2 | 71.00 | 18.70 | 71.00 | 19.01 | 68.90 | 18.53 | 66.40 | 17.93 | 64.30 | 17.14 | 59.80 | 15.91 | |
| | 5 | 4.1 | 73.80 | 18.84 | 73.50 | 19.01 | 68.90 | 17.76 | 66.40 | 17.14 | 64.30 | 16.37 | 59.80 | 15.20 | |
| | 8.3 | 6.1 | 76.50 | 19.01 | 73.50 | 18.22 | 68.90 | 16.99 | 66.40 | 16.37 | 64.30 | 15.77 | 59.80 | 14.60 | |
| | 9 | 7.9 | 77.80 | 18.70 | 73.50 | 17.45 | 68.90 | 16.37 | 66.40 | 15.77 | 64.30 | 15.17 | 59.80 | 14.04 | |
| | 11 | 9.8 | 77.80 | 17.93 | 73.50 | 16.85 | 68.90 | 15.77 | 66.40 | 15.14 | 64.30 | 14.60 | 59.80 | 13.53 | |
| | 13 | 11.8 | 77.80 | 17.30 | 73.50 | 16.22 | 68.90 | 15.09 | 66.40 | 14.57 | 64.30 | 14.06 | 59.80 | 13.04 | |
| | 15 | 13.7 | 77.80 | 16.68 | 73.50 | 15.60 | 68.90 | 14.57 | 66.40 | 14.08 | 64.30 | 13.58 | 59.80 | 12.59 | |
| | 19 | 14.2 | 77.80 | 16.27 | 73.50 | 15.16 | 68.90 | 14.11 | 66.40 | 13.65 | 64.30 | 13.10 | 59.80 | 12.14 | |
| | 21 | 15 | 77.80 | 15.68 | 73.50 | 14.60 | 68.90 | 13.85 | 66.40 | 13.20 | 64.30 | 12.63 | 59.80 | 11.64 | |
| 80 | -14.7 | -15 | 46.80 | 16.68 | 46.80 | 17.14 | 46.80 | 17.62 | 46.80 | 17.76 | 46.80 | 17.93 | 46.80 | 18.39 | |
| | -12.6 | -13 | 49.50 | 17.14 | 49.50 | 17.45 | 49.50 | 17.93 | 49.50 | 18.07 | 49.50 | 18.39 | 49.50 | 18.70 | |
| | -10.5 | -11 | 52.40 | 17.45 | 52.40 | 17.93 | 52.40 | 18.22 | 52.40 | 18.53 | 52.40 | 18.70 | 52.20 | 19.01 | |
| | -9.5 | -10 | 54.00 | 17.76 | 54.00 | 18.07 | 54.00 | 18.39 | 54.00 | 18.70 | 54.00 | 18.84 | 53.20 | 19.16 | |
| | -8.5 | -9.1 | 55.20 | 17.93 | 55.20 | 18.22 | 55.20 | 18.53 | 55.20 | 18.84 | 55.20 | 19.01 | 53.30 | 18.84 | |
| | -7 | -7.6 | 57.40 | 18.07 | 57.40 | 18.39 | 57.30 | 18.84 | 57.30 | 19.01 | 56.80 | 19.16 | 53.30 | 17.93 | |
| | -5 | -5.6 | 60.20 | 18.39 | 60.20 | 18.70 | 60.20 | 19.01 | 59.10 | 19.16 | 57.30 | 18.39 | 53.30 | 16.99 | |
| | -3 | -3.7 | 62.80 | 18.70 | 62.80 | 19.01 | 61.20 | 18.84 | 59.10 | 18.07 | 57.30 | 17.45 | 53.30 | 16.06 | |
| | 0 | -0.7 | 67.00 | 19.01 | 65.10 | 18.70 | 61.20 | 17.45 | 59.10 | 16.85 | 57.30 | 16.06 | 53.30 | 14.93 | |
| | 3 | 2.2 | 69.00 | 18.53 | 65.10 | 17.45 | 61.20 | 16.22 | 59.10 | 15.60 | 57.30 | 15.07 | 53.30 | 13.96 | |
| | 5 | 4.1 | 69.00 | 17.76 | 65.10 | 16.68 | 61.20 | 15.60 | 59.10 | 14.98 | 57.30 | 14.44 | 53.30 | 13.39 | |
| | 8.3 | 6.1 | 69.00 | 16.99 | 65.10 | 15.91 | 61.20 | 14.91 | 59.10 | 14.40 | 57.30 | 13.89 | 53.30 | 12.88 | |
| | 9 | 7.9 | 69.00 | 16.37 | 65.10 | 15.34 | 61.20 | 14.33 | 59.10 | 13.85 | 57.30 | 13.36 | 53.30 | 12.40 | |
| | 11 | 9.8 | 69.00 | 15.77 | 65.10 | 14.76 | 61.20 | 13.82 | 59.10 | 13.35 | 57.30 | 12.88 | 53.30 | 11.96 | |
| | 13 | 11.8 | 69.00 | 15.16 | 65.10 | 14.21 | 61.20 | 13.30 | 59.10 | 12.85 | 57.30 | 12.40 | 53.30 | 11.54 | |
| | 15 | 13.7 | 69.00 | 14.64 | 65.10 | 13.60 | 61.20 | 12.85 | 59.10 | 12.42 | 57.30 | 12.00 | 53.30 | 11.18 | |
| | 19 | 14.2 | 69.00 | 14.13 | 65.10 | 13.36 | 61.20 | 12.34 | 59.10 | 11.97 | 57.30 | 11.49 | 53.30 | 10.89 | |
| | 21 | 15 | 69.00 | 13.73 | 65.10 | 12.78 | 61.20 | 12.01 | 59.10 | 11.58 | 57.30 | 11.10 | 53.30 | 10.32 | |

To be continued

Continued

Capacity table

| | | YCV680HR | | | | Heating Capacity | | | | | | | | | |
|---------------------|---------------|----------------------|-------|-------|-------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| °C DB | | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| 70 | -14.7 | -15 | 46.80 | 17.62 | 46.80 | 18.07 | 46.80 | 18.39 | 46.80 | 18.53 | 46.80 | 18.70 | 46.00 | 19.16 | |
| | -12.6 | -13 | 49.50 | 18.07 | 49.50 | 18.39 | 49.50 | 18.70 | 49.50 | 18.84 | 49.00 | 19.16 | 46.60 | 18.39 | |
| | -10.5 | -11 | 52.40 | 18.39 | 52.40 | 18.70 | 52.30 | 19.01 | 51.50 | 19.16 | 50.10 | 18.53 | 46.60 | 17.14 | |
| | -9.5 | -10 | 54.00 | 18.53 | 54.00 | 18.84 | 53.30 | 19.16 | 51.80 | 18.70 | 50.10 | 17.93 | 46.60 | 16.54 | |
| | -8.5 | -9.1 | 55.20 | 18.70 | 55.20 | 19.01 | 53.70 | 18.84 | 51.80 | 18.22 | 50.10 | 17.45 | 46.60 | 16.22 | |
| | -7 | -7.6 | 57.30 | 18.84 | 56.70 | 19.16 | 53.70 | 18.07 | 51.80 | 17.30 | 50.10 | 16.68 | 46.60 | 15.45 | |
| | -5 | -5.6 | 59.90 | 19.16 | 57.00 | 18.22 | 53.70 | 16.99 | 51.80 | 16.37 | 50.10 | 15.77 | 46.60 | 14.64 | |
| | -3 | -3.7 | 60.50 | 18.53 | 57.00 | 17.30 | 53.70 | 16.22 | 51.80 | 15.60 | 50.10 | 15.02 | 46.60 | 13.91 | |
| | 0 | -0.7 | 60.50 | 17.14 | 57.00 | 16.06 | 53.70 | 15.00 | 51.80 | 14.47 | 50.10 | 13.94 | 46.60 | 12.95 | |
| | 3 | 2.2 | 60.50 | 16.06 | 57.00 | 15.00 | 53.70 | 14.01 | 51.80 | 13.53 | 50.10 | 13.08 | 46.60 | 12.13 | |
| | 5 | 4.1 | 60.50 | 15.33 | 57.00 | 14.38 | 53.70 | 13.46 | 51.80 | 13.00 | 50.10 | 12.55 | 46.60 | 11.66 | |
| | 8.3 | 6.1 | 60.50 | 14.70 | 57.00 | 13.82 | 53.70 | 12.93 | 51.80 | 12.50 | 50.10 | 12.06 | 46.60 | 11.22 | |
| | 9 | 7.9 | 60.50 | 14.16 | 57.00 | 13.29 | 53.70 | 12.45 | 51.80 | 12.03 | 50.10 | 11.63 | 46.60 | 10.84 | |
| | 11 | 9.8 | 60.50 | 13.62 | 57.00 | 12.81 | 53.70 | 12.01 | 51.80 | 11.61 | 50.10 | 11.14 | 46.60 | 10.46 | |
| | 13 | 11.8 | 60.50 | 13.12 | 57.00 | 12.35 | 53.70 | 11.59 | 51.80 | 11.22 | 50.10 | 10.84 | 46.60 | 10.10 | |
| | 15 | 13.7 | 60.50 | 12.69 | 57.00 | 11.95 | 53.70 | 11.22 | 51.80 | 10.84 | 50.10 | 10.48 | 46.60 | 9.79 | |
| | 19 | 14.2 | 60.50 | 12.04 | 57.00 | 11.61 | 53.70 | 10.90 | 51.80 | 10.34 | 50.10 | 9.90 | 46.60 | 9.39 | |
| | 21 | 15 | 60.50 | 11.61 | 57.00 | 11.04 | 53.70 | 10.41 | 51.80 | 9.86 | 50.10 | 9.40 | 46.60 | 8.88 | |
| 60 | -14.7 | -15 | 46.80 | 18.53 | 46.80 | 18.84 | 45.70 | 19.16 | 44.40 | 18.53 | 43.00 | 17.93 | 40.00 | 16.54 | |
| | -12.6 | -13 | 49.50 | 18.84 | 48.50 | 19.16 | 45.90 | 17.93 | 44.40 | 17.30 | 43.00 | 16.68 | 40.00 | 15.41 | |
| | -10.5 | -11 | 51.50 | 19.16 | 48.80 | 18.07 | 45.90 | 16.85 | 44.40 | 16.22 | 43.00 | 15.60 | 40.00 | 14.46 | |
| | -9.5 | -10 | 51.80 | 18.70 | 48.80 | 17.45 | 45.90 | 16.37 | 44.40 | 15.77 | 43.00 | 15.16 | 40.00 | 14.03 | |
| | -8.5 | -9.1 | 51.80 | 18.22 | 48.80 | 16.99 | 45.90 | 15.91 | 44.40 | 15.31 | 43.00 | 14.75 | 40.00 | 13.67 | |
| | -7 | -7.6 | 51.80 | 17.30 | 48.80 | 16.22 | 45.90 | 15.19 | 44.40 | 14.64 | 43.00 | 14.14 | 40.00 | 13.10 | |
| | -5 | -5.6 | 51.80 | 16.37 | 48.80 | 15.38 | 45.90 | 14.37 | 44.40 | 13.87 | 43.00 | 13.38 | 40.00 | 12.42 | |
| | -3 | -3.7 | 51.80 | 15.60 | 48.80 | 14.62 | 45.90 | 13.67 | 44.40 | 13.21 | 43.00 | 12.74 | 40.00 | 11.85 | |
| | 0 | -0.7 | 51.80 | 14.46 | 48.80 | 13.58 | 45.90 | 12.72 | 44.40 | 12.30 | 43.00 | 11.88 | 40.00 | 11.05 | |
| | 3 | 2.2 | 51.80 | 13.53 | 48.80 | 12.72 | 45.90 | 11.93 | 44.40 | 11.54 | 43.00 | 11.16 | 40.00 | 10.40 | |
| | 5 | 4.1 | 51.80 | 13.00 | 48.80 | 12.22 | 45.90 | 11.47 | 44.40 | 11.09 | 43.00 | 10.72 | 40.00 | 10.00 | |
| | 8.3 | 6.1 | 51.80 | 12.48 | 48.80 | 11.75 | 45.90 | 11.05 | 44.40 | 10.69 | 43.00 | 10.34 | 40.00 | 9.64 | |
| | 9 | 7.9 | 51.80 | 12.03 | 48.80 | 11.34 | 45.90 | 10.65 | 44.40 | 10.32 | 43.00 | 9.98 | 40.00 | 9.32 | |
| | 11 | 9.8 | 51.80 | 11.61 | 48.80 | 10.93 | 45.90 | 10.29 | 44.40 | 9.97 | 43.00 | 9.64 | 40.00 | 9.02 | |
| | 13 | 11.8 | 51.80 | 11.20 | 48.80 | 10.57 | 45.90 | 9.93 | 44.40 | 9.62 | 43.00 | 9.32 | 40.00 | 8.73 | |
| | 15 | 13.7 | 51.80 | 10.84 | 48.80 | 10.22 | 45.90 | 9.62 | 44.40 | 9.32 | 43.00 | 9.04 | 40.00 | 8.47 | |
| | 19 | 14.2 | 51.80 | 10.53 | 48.80 | 9.73 | 45.90 | 9.32 | 44.40 | 9.04 | 43.00 | 8.70 | 40.00 | 8.10 | |
| | 21 | 15 | 51.80 | 10.09 | 48.80 | 9.45 | 45.90 | 8.94 | 44.40 | 8.75 | 43.00 | 8.42 | 40.00 | 7.79 | |
| 50 | -14.7 | -15 | 43.10 | 17.93 | 40.70 | 16.85 | 38.30 | 15.77 | 36.90 | 15.17 | 35.70 | 14.62 | 33.30 | 13.55 | |
| | -12.6 | -13 | 43.10 | 16.85 | 40.70 | 15.77 | 38.30 | 14.68 | 36.90 | 14.18 | 35.70 | 13.67 | 33.30 | 12.69 | |
| | -10.5 | -11 | 43.10 | 15.77 | 40.70 | 14.73 | 38.30 | 13.78 | 36.90 | 13.32 | 35.70 | 12.85 | 33.30 | 11.95 | |
| | -9.5 | -10 | 43.10 | 15.24 | 40.70 | 14.29 | 38.30 | 13.38 | 36.90 | 12.93 | 35.70 | 12.48 | 33.30 | 11.60 | |
| | -8.5 | -9.1 | 43.10 | 14.83 | 40.70 | 13.91 | 38.30 | 13.04 | 36.90 | 12.59 | 35.70 | 12.16 | 33.30 | 11.30 | |
| | -7 | -7.6 | 43.10 | 14.21 | 40.70 | 13.35 | 38.30 | 12.50 | 36.90 | 12.08 | 35.70 | 11.68 | 33.30 | 10.87 | |
| | -5 | -5.6 | 43.10 | 13.46 | 40.70 | 12.65 | 38.30 | 11.87 | 36.90 | 11.48 | 35.70 | 11.09 | 33.30 | 10.34 | |
| | -3 | -3.7 | 43.10 | 12.81 | 40.70 | 12.06 | 38.30 | 11.32 | 36.90 | 10.95 | 35.70 | 10.60 | 33.30 | 9.88 | |
| | 0 | -0.7 | 43.10 | 11.95 | 40.70 | 11.24 | 38.30 | 10.57 | 36.90 | 10.24 | 35.70 | 9.90 | 33.30 | 9.26 | |
| | 3 | 2.2 | 43.10 | 11.20 | 40.70 | 10.57 | 38.30 | 9.95 | 36.90 | 9.64 | 35.70 | 9.32 | 33.30 | 8.73 | |
| | 5 | 4.1 | 43.10 | 10.79 | 40.70 | 10.18 | 38.30 | 9.59 | 36.90 | 9.29 | 35.70 | 8.81 | 33.30 | 8.42 | |
| | 8.3 | 6.1 | 43.10 | 10.39 | 40.70 | 9.81 | 38.30 | 9.24 | 36.90 | 8.96 | 35.70 | 8.68 | 33.30 | 8.15 | |
| | 9 | 7.9 | 43.10 | 10.03 | 40.70 | 9.47 | 38.30 | 8.94 | 36.90 | 8.67 | 35.70 | 8.41 | 33.30 | 7.88 | |
| | 11 | 9.8 | 43.10 | 9.69 | 40.70 | 9.16 | 38.30 | 8.65 | 36.90 | 8.39 | 35.70 | 8.15 | 33.30 | 7.64 | |
| | 13 | 11.8 | 43.10 | 9.37 | 40.70 | 8.87 | 38.30 | 8.37 | 36.90 | 8.13 | 35.70 | 7.88 | 33.30 | 7.41 | |
| | 15 | 13.7 | 43.10 | 9.08 | 40.70 | 8.60 | 38.30 | 8.13 | 36.90 | 7.89 | 35.70 | 7.65 | 33.30 | 7.20 | |
| | 19 | 14.2 | 43.10 | 8.80 | 40.70 | 8.26 | 38.30 | 7.83 | 36.90 | 7.54 | 35.70 | 7.39 | 33.30 | 6.88 | |
| | 21 | 15 | 43.10 | 8.22 | 40.70 | 8.03 | 38.30 | 7.64 | 36.90 | 7.23 | 35.70 | 7.09 | 33.30 | 6.61 | |

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

| | | YCV730HR | | | | | | | | Heating Capacity | | | | | | | | |
|---------------------|---------------|----------------------|-------|-------|-------|-------|-------|-------|-------|------------------|-------|-------|-------|-------|-------|-------|----|----|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | |
| °C DB | | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| 130 | -14.7 | -15 | 49.40 | 12.93 | 49.40 | 13.70 | 49.40 | 14.45 | 49.30 | 14.84 | 49.30 | 15.23 | 49.30 | 15.99 | | | | |
| | -12.6 | -13 | 52.30 | 13.73 | 52.30 | 14.45 | 52.30 | 15.18 | 52.30 | 15.52 | 52.30 | 15.89 | 52.30 | 16.60 | | | | |
| | -10.5 | -11 | 55.40 | 14.43 | 55.40 | 15.13 | 55.40 | 15.79 | 55.40 | 16.13 | 55.40 | 16.48 | 55.40 | 17.11 | | | | |
| | -9.5 | -10 | 57.10 | 14.77 | 57.10 | 15.42 | 57.10 | 16.07 | 57.10 | 16.41 | 57.10 | 16.75 | 57.10 | 17.43 | | | | |
| | -8.5 | -9.1 | 58.40 | 15.04 | 58.40 | 15.70 | 58.40 | 16.33 | 58.40 | 16.65 | 58.40 | 16.93 | 58.40 | 17.61 | | | | |
| | -7 | -7.6 | 60.70 | 15.47 | 60.70 | 16.10 | 60.70 | 16.72 | 60.70 | 17.11 | 60.70 | 17.27 | 60.70 | 17.94 | | | | |
| | -5 | -5.6 | 63.70 | 15.99 | 63.70 | 16.58 | 63.70 | 17.11 | 63.70 | 17.43 | 63.70 | 17.77 | 63.70 | 18.28 | | | | |
| | -3 | -3.7 | 66.60 | 16.46 | 66.60 | 16.93 | 66.60 | 17.61 | 66.60 | 17.94 | 66.60 | 18.11 | 66.60 | 18.78 | | | | |
| | 0 | -0.7 | 71.30 | 17.11 | 71.30 | 17.61 | 71.30 | 18.11 | 71.30 | 18.44 | 71.30 | 18.61 | 71.30 | 19.12 | | | | |
| | 3 | 2.2 | 75.50 | 17.61 | 75.50 | 18.11 | 75.50 | 18.61 | 75.50 | 18.78 | 75.50 | 19.12 | 75.50 | 19.62 | | | | |
| | 5 | 4.1 | 78.60 | 17.94 | 78.60 | 18.44 | 78.60 | 18.94 | 78.60 | 19.12 | 78.60 | 19.45 | 78.60 | 19.78 | | | | |
| | 8.3 | 6.1 | 81.50 | 18.28 | 81.50 | 18.78 | 81.50 | 19.12 | 81.50 | 19.45 | 81.50 | 19.62 | 81.50 | 20.12 | | | | |
| | 9 | 7.9 | 84.40 | 18.44 | 84.30 | 18.94 | 84.30 | 19.45 | 84.30 | 19.62 | 84.30 | 19.78 | 84.30 | 20.29 | | | | |
| | 11 | 9.8 | 87.30 | 18.78 | 87.30 | 19.12 | 87.30 | 19.62 | 87.30 | 19.78 | 87.30 | 20.12 | 87.30 | 20.45 | | | | |
| | 13 | 11.8 | 90.48 | 18.94 | 90.48 | 19.45 | 90.48 | 19.78 | 90.48 | 20.12 | 90.48 | 20.29 | 90.48 | 20.63 | | | | |
| | 15 | 13.7 | 93.30 | 19.28 | 93.20 | 19.62 | 93.20 | 19.95 | 93.20 | 20.20 | 93.20 | 20.29 | 93.20 | 20.45 | 92.30 | 20.45 | | |
| | 19 | 14.2 | 93.30 | 19.46 | 93.20 | 19.82 | 93.20 | 20.14 | 93.20 | 20.46 | 93.20 | 20.64 | 93.20 | 20.80 | 92.30 | 20.05 | | |
| | 21 | 15 | 93.30 | 19.60 | 93.20 | 20.01 | 93.20 | 20.33 | 93.20 | 20.58 | 93.20 | 20.32 | 93.20 | 20.84 | 92.30 | | | |
| 120 | -14.7 | -15 | 49.40 | 13.96 | 49.30 | 14.67 | 49.30 | 15.37 | 49.30 | 15.73 | 49.30 | 16.07 | 49.30 | 16.77 | | | | |
| | -12.6 | -13 | 52.30 | 14.71 | 52.30 | 15.36 | 52.30 | 16.02 | 52.30 | 16.36 | 52.30 | 16.70 | 52.30 | 17.43 | | | | |
| | -10.5 | -11 | 55.40 | 15.36 | 55.40 | 15.98 | 55.40 | 16.60 | 55.40 | 16.93 | 55.40 | 17.27 | 55.40 | 17.94 | | | | |
| | -9.5 | -10 | 57.10 | 15.66 | 57.10 | 16.26 | 57.10 | 16.93 | 57.10 | 17.11 | 57.10 | 17.43 | 57.10 | 18.11 | | | | |
| | -8.5 | -9.1 | 58.40 | 15.91 | 58.40 | 16.49 | 58.40 | 17.11 | 58.40 | 17.43 | 58.40 | 17.77 | 58.40 | 18.28 | | | | |
| | -7 | -7.6 | 60.70 | 16.31 | 60.70 | 16.93 | 60.70 | 17.43 | 60.70 | 17.77 | 60.70 | 17.98 | 60.70 | 18.61 | | | | |
| | -5 | -5.6 | 63.70 | 16.77 | 63.70 | 17.27 | 63.70 | 17.94 | 63.70 | 18.11 | 63.70 | 18.47 | 63.70 | 18.94 | | | | |
| | -3 | -3.7 | 66.60 | 17.27 | 66.60 | 17.77 | 66.60 | 18.28 | 66.60 | 18.44 | 66.60 | 18.80 | 66.60 | 19.28 | | | | |
| | 0 | -0.7 | 71.30 | 17.77 | 71.30 | 18.28 | 71.30 | 18.78 | 71.30 | 18.94 | 71.30 | 19.28 | 71.30 | 19.78 | | | | |
| | 3 | 2.2 | 75.50 | 18.28 | 75.50 | 18.78 | 75.50 | 19.28 | 75.50 | 19.45 | 75.50 | 19.62 | 75.50 | 20.12 | | | | |
| | 5 | 4.1 | 78.60 | 18.61 | 78.60 | 18.94 | 78.60 | 19.45 | 78.60 | 19.62 | 78.60 | 19.95 | 78.60 | 20.29 | | | | |
| | 8.3 | 6.1 | 81.50 | 18.78 | 81.50 | 19.28 | 81.50 | 19.78 | 81.50 | 19.95 | 81.50 | 20.12 | 81.50 | 20.63 | | | | |
| | 9 | 7.9 | 84.30 | 19.12 | 84.30 | 19.45 | 84.30 | 19.95 | 84.30 | 20.12 | 84.30 | 20.29 | 84.30 | 20.79 | | | | |
| | 11 | 9.8 | 87.30 | 19.28 | 87.30 | 19.78 | 87.30 | 20.12 | 87.30 | 20.29 | 87.30 | 20.45 | 87.30 | 20.80 | | | | |
| | 13 | 11.8 | 90.48 | 19.62 | 90.48 | 19.95 | 90.48 | 20.29 | 90.48 | 20.45 | 90.48 | 20.79 | 90.48 | 21.45 | | | | |
| | 15 | 13.7 | 93.20 | 19.78 | 93.20 | 20.12 | 93.20 | 20.45 | 93.20 | 20.63 | 91.80 | 20.29 | 85.20 | 18.61 | | | | |
| | 19 | 14.2 | 93.20 | 19.95 | 93.20 | 20.29 | 93.20 | 20.48 | 93.20 | 20.43 | 91.80 | 19.95 | 85.20 | 18.16 | | | | |
| | 21 | 15 | 93.20 | 20.16 | 93.20 | 20.45 | 93.20 | 20.60 | 93.20 | 20.27 | 91.80 | 19.33 | 85.20 | 17.84 | | | | |
| 110 | -14.7 | -15 | 49.30 | 14.99 | 49.30 | 15.65 | 49.30 | 16.26 | 49.30 | 16.60 | 49.30 | 16.93 | 49.30 | 17.61 | | | | |
| | -12.6 | -13 | 52.30 | 15.68 | 52.30 | 16.28 | 52.30 | 16.93 | 52.30 | 17.27 | 52.30 | 17.43 | 52.30 | 18.11 | | | | |
| | -10.5 | -11 | 55.40 | 16.26 | 55.40 | 16.77 | 55.40 | 17.43 | 55.40 | 17.77 | 55.40 | 17.94 | 55.40 | 18.61 | | | | |
| | -9.5 | -10 | 57.10 | 16.54 | 57.10 | 17.11 | 57.10 | 17.61 | 57.10 | 17.98 | 57.10 | 18.28 | 57.10 | 18.78 | | | | |
| | -8.5 | -9.1 | 58.40 | 16.77 | 58.40 | 17.27 | 58.40 | 17.94 | 58.40 | 18.14 | 58.40 | 18.44 | 58.40 | 18.94 | | | | |
| | -7 | -7.6 | 60.70 | 17.11 | 60.70 | 17.61 | 60.70 | 18.11 | 60.70 | 18.47 | 60.70 | 18.78 | 60.70 | 19.28 | | | | |
| | -5 | -5.6 | 63.70 | 17.61 | 63.70 | 18.11 | 63.70 | 18.61 | 63.70 | 18.80 | 63.70 | 19.12 | 63.70 | 19.62 | | | | |
| | -3 | -3.7 | 66.60 | 17.94 | 66.60 | 18.44 | 66.60 | 18.94 | 66.60 | 19.13 | 66.60 | 19.45 | 66.60 | 19.78 | | | | |
| | 0 | -0.7 | 71.30 | 18.44 | 71.20 | 18.94 | 71.20 | 19.45 | 71.20 | 19.62 | 71.20 | 19.78 | 71.20 | 20.29 | | | | |
| | 3 | 2.2 | 75.50 | 18.94 | 75.50 | 19.45 | 75.50 | 19.78 | 75.50 | 19.95 | 75.50 | 20.29 | 75.50 | 20.63 | | | | |
| | 5 | 4.1 | 78.60 | 19.28 | 78.60 | 19.62 | 78.60 | 19.95 | 78.60 | 20.29 | 78.60 | 20.45 | 78.60 | 20.80 | | | | |
| | 8.3 | 6.1 | 81.50 | 19.45 | 81.50 | 19.78 | 81.50 | 20.29 | 81.50 | 20.45 | 81.50 | 20.63 | 81.50 | 19.78 | | | | |
| | 9 | 7.9 | 84.30 | 19.78 | 84.30 | 20.12 | 84.30 | 20.45 | 84.30 | 20.63 | 83.70 | 20.63 | 78.10 | 18.94 | | | | |
| | 11 | 9.8 | 87.30 | 19.95 | 87.30 | 20.29 | 87.30 | 20.63 | 86.70 | 20.63 | 83.70 | 19.78 | 78.10 | 18.28 | | | | |
| | 13 | 11.8 | 90.48 | 20.12 | 90.48 | 20.45 | 89.70 | 20.45 | 86.70 | 19.78 | 83.70 | 18.94 | 78.10 | 17.61 | | | | |
| | 15 | 13.7 | 93.20 | 20.29 | 93.20 | 20.63 | 89.70 | 19.78 | 86.70 | 19.12 | 83.70 | 18.28 | 78.10 | 16.93 | | | | |
| | 19 | 14.2 | 93.20 | 18.96 | 93.20 | 20.43 | 89.70 | 19.14 | 86.70 | 18.34 | 83.70 | 17.66 | 78.10 | 16.38 | | | | |
| | 21 | 15 | 93.20 | 19.12 | 93.20 | 19.84 | 89.70 | 18.12 | 86.70 | 17.79 | 83.70 | 17.17 | 78.10 | 16.14 | | | | |

To be continued

Continued

| Capacity Factor (%) | | Outdoor Temp. | | Heating Capacity | | | | | | | | | | | |
|---------------------|-------|---------------|-------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| | | | | Indoor Temp. (°C DB) | | | | | | | | | | | |
| | | | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | |
| | | °C DB | °C WB | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| 100 | -14.7 | -15 | 49.30 | 16.02 | 49.30 | 16.62 | 49.30 | 17.27 | 49.30 | 17.43 | 49.30 | 17.77 | 49.30 | 18.44 | |
| | -12.6 | -13 | 52.30 | 16.65 | 52.30 | 17.27 | 52.30 | 17.77 | 52.30 | 17.94 | 52.30 | 18.28 | 52.30 | 18.78 | |
| | -10.5 | -11 | 55.40 | 17.27 | 55.40 | 17.77 | 55.40 | 18.28 | 55.40 | 18.44 | 55.40 | 18.78 | 55.40 | 19.28 | |
| | -9.5 | -10 | 57.10 | 17.43 | 57.10 | 17.94 | 57.10 | 18.44 | 57.10 | 18.78 | 57.10 | 18.94 | 57.10 | 19.45 | |
| | -8.5 | -9.1 | 58.40 | 17.61 | 58.40 | 18.11 | 58.40 | 18.61 | 58.40 | 18.94 | 58.40 | 19.12 | 58.40 | 19.62 | |
| | -7 | -7.6 | 60.70 | 17.94 | 60.70 | 18.44 | 60.70 | 18.94 | 60.70 | 19.12 | 60.70 | 19.45 | 60.70 | 19.95 | |
| | -5 | -5.6 | 63.70 | 18.44 | 63.70 | 18.78 | 63.70 | 19.28 | 63.70 | 19.45 | 63.70 | 19.78 | 63.70 | 20.12 | |
| | -3 | -3.7 | 66.60 | 18.78 | 66.60 | 19.12 | 66.60 | 19.62 | 66.60 | 19.78 | 66.60 | 19.95 | 66.60 | 20.45 | |
| | 0 | -0.7 | 71.20 | 19.28 | 71.20 | 19.62 | 71.20 | 19.95 | 71.20 | 20.29 | 71.20 | 20.45 | 70.90 | 20.79 | |
| | 3 | 2.2 | 75.50 | 19.62 | 75.50 | 19.95 | 75.50 | 20.45 | 75.50 | 20.63 | 75.50 | 20.79 | 71.10 | 19.45 | |
| | 5 | 4.1 | 78.60 | 19.78 | 78.60 | 20.29 | 78.60 | 20.63 | 78.60 | 20.79 | 77.60 | 20.12 | 71.10 | 18.61 | |
| | 8.3 | 6.1 | 81.50 | 20.12 | 81.50 | 20.45 | 81.50 | 21.47 | 78.90 | 19.95 | 76.30 | 19.28 | 71.10 | 17.77 | |
| | 9 | 7.9 | 84.30 | 20.29 | 84.30 | 20.63 | 81.50 | 19.95 | 78.90 | 19.28 | 76.30 | 18.44 | 71.10 | 17.11 | |
| | 11 | 9.8 | 87.30 | 20.45 | 86.70 | 20.63 | 81.50 | 19.12 | 78.90 | 18.44 | 76.30 | 17.77 | 71.10 | 16.45 | |
| | 13 | 11.8 | 90.48 | 20.63 | 86.70 | 19.78 | 81.50 | 18.44 | 78.90 | 17.77 | 76.30 | 17.11 | 71.10 | 15.83 | |
| | 15 | 13.7 | 91.90 | 20.29 | 86.70 | 19.12 | 81.50 | 17.77 | 78.90 | 17.11 | 76.30 | 16.49 | 71.10 | 15.28 | |
| | 19 | 14.2 | 91.90 | 19.75 | 86.70 | 18.46 | 81.50 | 17.33 | 78.90 | 16.39 | 76.30 | 15.86 | 71.10 | 14.87 | |
| | 21 | 15 | 91.90 | 19.12 | 86.70 | 17.66 | 81.50 | 16.67 | 78.90 | 16.14 | 76.30 | 15.39 | 71.10 | 14.53 | |
| 90 | -14.7 | -15 | 49.30 | 17.11 | 49.30 | 17.61 | 49.30 | 18.11 | 49.30 | 18.44 | 49.30 | 18.61 | 49.30 | 19.12 | |
| | -12.6 | -13 | 52.30 | 17.61 | 52.30 | 18.11 | 52.30 | 18.61 | 52.30 | 18.78 | 52.30 | 19.12 | 52.30 | 19.62 | |
| | -10.5 | -11 | 55.40 | 18.11 | 55.40 | 18.61 | 55.40 | 19.12 | 55.40 | 19.28 | 55.40 | 19.45 | 55.40 | 19.95 | |
| | -9.5 | -10 | 57.10 | 18.28 | 57.10 | 18.78 | 57.10 | 19.28 | 57.10 | 19.45 | 57.10 | 19.62 | 57.10 | 20.12 | |
| | -8.5 | -9.1 | 58.40 | 18.44 | 58.40 | 18.94 | 58.40 | 19.45 | 58.40 | 19.62 | 58.40 | 19.78 | 58.40 | 20.29 | |
| | -7 | -7.6 | 60.70 | 18.78 | 60.70 | 19.28 | 60.70 | 19.62 | 60.70 | 19.95 | 60.70 | 20.12 | 60.60 | 20.45 | |
| | -5 | -5.6 | 63.70 | 19.12 | 63.70 | 19.62 | 63.70 | 19.95 | 63.70 | 20.12 | 63.70 | 20.45 | 63.10 | 20.79 | |
| | -3 | -3.7 | 66.60 | 19.45 | 66.60 | 19.95 | 66.60 | 20.29 | 66.60 | 20.45 | 66.60 | 20.63 | 63.80 | 19.95 | |
| | 0 | -0.7 | 71.20 | 19.95 | 71.20 | 20.29 | 71.20 | 20.63 | 70.70 | 20.79 | 68.60 | 19.95 | 63.80 | 18.44 | |
| | 3 | 2.2 | 75.50 | 20.29 | 75.50 | 20.63 | 73.30 | 20.12 | 70.80 | 19.45 | 68.60 | 18.61 | 63.80 | 17.27 | |
| | 5 | 4.1 | 78.60 | 20.45 | 78.10 | 20.63 | 73.30 | 19.28 | 70.80 | 18.61 | 68.60 | 17.77 | 63.80 | 16.49 | |
| | 8.3 | 6.1 | 81.50 | 20.63 | 78.10 | 19.78 | 73.30 | 18.44 | 70.80 | 17.77 | 68.60 | 17.11 | 63.80 | 15.84 | |
| | 9 | 7.9 | 82.80 | 20.29 | 78.10 | 18.94 | 73.30 | 17.77 | 70.80 | 17.11 | 68.60 | 16.46 | 63.80 | 15.24 | |
| | 11 | 9.8 | 82.80 | 19.45 | 78.10 | 18.28 | 73.30 | 17.11 | 70.80 | 16.43 | 68.60 | 15.84 | 63.80 | 14.69 | |
| | 13 | 11.8 | 82.80 | 18.78 | 78.10 | 17.61 | 73.30 | 16.38 | 70.80 | 15.81 | 68.60 | 15.26 | 63.80 | 14.15 | |
| | 15 | 13.7 | 82.80 | 18.11 | 78.10 | 16.93 | 73.30 | 15.81 | 70.80 | 15.28 | 68.60 | 14.74 | 63.80 | 13.67 | |
| | 19 | 14.2 | 82.80 | 17.66 | 78.10 | 16.46 | 73.30 | 15.31 | 70.80 | 14.82 | 68.60 | 14.21 | 63.80 | 13.17 | |
| | 21 | 15 | 82.80 | 17.01 | 78.10 | 15.84 | 73.30 | 15.03 | 70.80 | 14.33 | 68.60 | 13.70 | 63.80 | 12.63 | |
| 80 | -14.7 | -15 | 49.30 | 18.11 | 49.30 | 18.61 | 49.30 | 19.12 | 49.30 | 19.28 | 49.30 | 19.45 | 49.30 | 19.95 | |
| | -12.6 | -13 | 52.30 | 18.61 | 52.30 | 18.94 | 52.30 | 19.45 | 52.30 | 19.62 | 52.30 | 19.95 | 52.30 | 20.29 | |
| | -10.5 | -11 | 55.40 | 18.94 | 55.40 | 19.45 | 55.40 | 19.78 | 55.40 | 20.12 | 55.40 | 20.29 | 55.20 | 20.63 | |
| | -9.5 | -10 | 57.10 | 19.28 | 57.10 | 19.62 | 57.10 | 19.95 | 57.10 | 20.29 | 57.10 | 20.45 | 56.30 | 20.79 | |
| | -8.5 | -9.1 | 58.40 | 19.45 | 58.40 | 19.78 | 58.40 | 20.12 | 58.40 | 20.45 | 58.40 | 20.63 | 56.80 | 20.45 | |
| | -7 | -7.6 | 60.70 | 19.62 | 60.70 | 19.95 | 60.60 | 20.45 | 60.60 | 20.63 | 60.10 | 20.79 | 56.80 | 19.45 | |
| | -5 | -5.6 | 63.70 | 19.95 | 63.70 | 20.29 | 63.70 | 20.63 | 62.90 | 20.79 | 61.00 | 19.95 | 56.80 | 18.44 | |
| | -3 | -3.7 | 66.60 | 20.29 | 66.60 | 20.63 | 65.20 | 20.45 | 62.90 | 19.62 | 61.00 | 18.94 | 56.80 | 17.43 | |
| | 0 | -0.7 | 71.20 | 20.63 | 69.30 | 20.29 | 65.20 | 18.94 | 62.90 | 18.28 | 61.00 | 17.43 | 56.80 | 16.20 | |
| | 3 | 2.2 | 73.40 | 20.12 | 69.30 | 18.94 | 65.20 | 17.61 | 62.90 | 16.93 | 61.00 | 16.36 | 56.80 | 15.16 | |
| | 5 | 4.1 | 73.40 | 19.28 | 69.30 | 18.11 | 65.20 | 16.93 | 62.90 | 16.26 | 61.00 | 15.68 | 56.80 | 14.53 | |
| | 8.3 | 6.1 | 73.40 | 18.44 | 69.30 | 17.27 | 65.20 | 16.18 | 62.90 | 15.63 | 61.00 | 15.07 | 56.80 | 13.98 | |
| | 9 | 7.9 | 73.40 | 17.77 | 69.30 | 16.65 | 65.20 | 15.55 | 62.90 | 15.02 | 61.00 | 14.50 | 56.80 | 13.46 | |
| | 11 | 9.8 | 73.40 | 17.11 | 69.30 | 16.02 | 65.20 | 14.99 | 62.90 | 14.48 | 61.00 | 13.98 | 56.80 | 12.97 | |
| | 13 | 11.8 | 73.40 | 16.45 | 69.30 | 15.42 | 65.20 | 14.43 | 62.90 | 13.95 | 61.00 | 13.46 | 56.80 | 12.52 | |
| | 15 | 13.7 | 73.40 | 15.88 | 69.30 | 14.76 | 65.20 | 13.95 | 62.90 | 13.48 | 61.00 | 13.02 | 56.80 | 12.12 | |
| | 19 | 14.2 | 73.40 | 15.33 | 69.30 | 14.50 | 65.20 | 13.39 | 62.90 | 12.98 | 61.00 | 12.47 | 56.80 | 11.82 | |
| | 21 | 15 | 73.40 | 14.89 | 69.30 | 13.87 | 65.20 | 13.04 | 62.90 | 12.57 | 61.00 | 12.05 | 56.80 | 11.19 | |

Capacity table

To be continued

Continued

| | | YCV730HR | | | | | | | | Heating Capacity | | | | | | | |
|---------------------|---------------|----------------------|-------|-------|-------|-------|-------|-------|-------|------------------|-------|-------|-------|-------|----|----|----|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| 70 | °C DB | °C WB | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| | -14.7 | -15 | 49.30 | 19.12 | 49.30 | 19.62 | 49.30 | 19.95 | 49.30 | 20.12 | 49.30 | 20.29 | 48.50 | 20.79 | | | |
| | -12.6 | -13 | 52.30 | 19.62 | 52.30 | 19.95 | 52.30 | 20.29 | 52.30 | 20.45 | 51.80 | 20.79 | 49.70 | 19.95 | | | |
| | -10.5 | -11 | 55.40 | 19.95 | 55.40 | 20.29 | 55.30 | 20.63 | 54.50 | 20.79 | 53.30 | 20.12 | 49.70 | 18.61 | | | |
| | -9.5 | -10 | 57.10 | 20.12 | 57.10 | 20.45 | 56.40 | 20.79 | 55.10 | 20.29 | 53.30 | 19.45 | 49.70 | 17.94 | | | |
| | -8.5 | -9.1 | 58.40 | 20.29 | 58.40 | 20.63 | 57.10 | 20.45 | 55.10 | 19.78 | 53.30 | 18.94 | 49.70 | 17.61 | | | |
| | -7 | -7.6 | 60.60 | 20.45 | 60.00 | 20.79 | 57.10 | 19.62 | 55.10 | 18.78 | 53.30 | 18.11 | 49.70 | 16.77 | | | |
| | -5 | -5.6 | 63.40 | 20.79 | 60.70 | 19.78 | 57.10 | 18.44 | 55.10 | 17.77 | 53.30 | 17.11 | 49.70 | 15.88 | | | |
| | -3 | -3.7 | 64.30 | 20.12 | 60.70 | 18.78 | 57.10 | 17.61 | 55.10 | 16.93 | 53.30 | 16.31 | 49.70 | 15.11 | | | |
| | 0 | -0.7 | 64.30 | 18.61 | 60.70 | 17.43 | 57.10 | 16.28 | 55.10 | 15.71 | 53.30 | 15.14 | 49.70 | 14.05 | | | |
| | 3 | 2.2 | 64.30 | 17.43 | 60.70 | 16.28 | 57.10 | 15.21 | 55.10 | 14.69 | 53.30 | 14.19 | 49.70 | 13.17 | | | |
| | 5 | 4.1 | 64.30 | 16.64 | 60.70 | 15.61 | 57.10 | 14.61 | 55.10 | 14.10 | 53.30 | 13.62 | 49.70 | 12.66 | | | |
| | 8.3 | 6.1 | 64.30 | 15.96 | 60.70 | 14.99 | 57.10 | 14.03 | 55.10 | 13.56 | 53.30 | 13.09 | 49.70 | 12.19 | | | |
| | 9 | 7.9 | 64.30 | 15.36 | 60.70 | 14.42 | 57.10 | 13.51 | 55.10 | 13.06 | 53.30 | 12.63 | 49.70 | 11.76 | | | |
| | 11 | 9.8 | 64.30 | 14.79 | 60.70 | 13.90 | 57.10 | 13.04 | 55.10 | 12.60 | 53.30 | 12.08 | 49.70 | 11.35 | | | |
| | 13 | 11.8 | 64.30 | 14.25 | 60.70 | 13.40 | 57.10 | 12.57 | 55.10 | 12.18 | 53.30 | 11.76 | 49.70 | 10.96 | | | |
| | 15 | 13.7 | 64.30 | 13.77 | 60.70 | 12.96 | 57.10 | 12.18 | 55.10 | 11.77 | 53.30 | 11.38 | 49.70 | 10.62 | | | |
| | 19 | 14.2 | 64.30 | 13.07 | 60.70 | 12.60 | 57.10 | 11.84 | 55.10 | 11.22 | 53.30 | 10.74 | 49.70 | 10.19 | | | |
| | 21 | 15 | 64.30 | 12.60 | 60.70 | 11.98 | 57.10 | 11.30 | 55.10 | 10.70 | 53.30 | 10.20 | 49.70 | 9.63 | | | |
| 60 | -14.7 | -15 | 49.30 | 20.12 | 49.30 | 20.45 | 48.20 | 20.79 | 47.30 | 20.12 | 45.80 | 19.45 | 42.60 | 17.94 | | | |
| | -12.6 | -13 | 52.30 | 20.45 | 51.30 | 20.79 | 48.90 | 19.45 | 47.30 | 18.78 | 45.80 | 18.11 | 42.60 | 16.73 | | | |
| | -10.5 | -11 | 54.50 | 20.79 | 51.90 | 19.62 | 48.90 | 18.28 | 47.30 | 17.61 | 45.80 | 16.93 | 42.60 | 15.70 | | | |
| | -9.5 | -10 | 55.10 | 20.29 | 51.90 | 18.94 | 48.90 | 17.77 | 47.30 | 17.11 | 45.80 | 16.45 | 42.60 | 15.23 | | | |
| | -8.5 | -9.1 | 55.10 | 19.78 | 51.90 | 18.44 | 48.90 | 17.27 | 47.30 | 16.62 | 45.80 | 16.01 | 42.60 | 14.84 | | | |
| | -7 | -7.6 | 55.10 | 18.78 | 51.90 | 17.61 | 48.90 | 16.48 | 47.30 | 15.89 | 45.80 | 15.34 | 42.60 | 14.22 | | | |
| | -5 | -5.6 | 55.10 | 17.77 | 51.90 | 16.69 | 48.90 | 15.60 | 47.30 | 15.05 | 45.80 | 14.52 | 42.60 | 13.48 | | | |
| | -3 | -3.7 | 55.10 | 16.93 | 51.90 | 15.86 | 48.90 | 14.84 | 47.30 | 14.34 | 45.80 | 13.83 | 42.60 | 12.86 | | | |
| | 0 | -0.7 | 55.10 | 15.70 | 51.90 | 14.74 | 48.90 | 13.80 | 47.30 | 13.35 | 45.80 | 12.89 | 42.60 | 11.99 | | | |
| | 3 | 2.2 | 55.10 | 14.69 | 51.90 | 13.80 | 48.90 | 12.94 | 47.30 | 12.52 | 45.80 | 12.10 | 42.60 | 11.29 | | | |
| | 5 | 4.1 | 55.10 | 14.10 | 51.90 | 13.26 | 48.90 | 12.44 | 47.30 | 12.03 | 45.80 | 11.64 | 42.60 | 10.85 | | | |
| | 8.3 | 6.1 | 55.10 | 13.54 | 51.90 | 12.76 | 48.90 | 11.99 | 47.30 | 11.60 | 45.80 | 11.22 | 42.60 | 10.46 | | | |
| | 9 | 7.9 | 55.10 | 13.06 | 51.90 | 12.31 | 48.90 | 11.55 | 47.30 | 11.20 | 45.80 | 10.83 | 42.60 | 10.11 | | | |
| | 11 | 9.8 | 55.10 | 12.60 | 51.90 | 11.87 | 48.90 | 11.17 | 47.30 | 10.82 | 45.80 | 10.46 | 42.60 | 9.79 | | | |
| | 13 | 11.8 | 55.10 | 12.16 | 51.90 | 11.47 | 48.90 | 10.78 | 47.30 | 10.44 | 45.80 | 10.12 | 42.60 | 9.47 | | | |
| | 15 | 13.7 | 55.10 | 11.77 | 51.90 | 11.09 | 48.90 | 10.44 | 47.30 | 10.12 | 45.80 | 9.81 | 42.60 | 9.19 | | | |
| | 19 | 14.2 | 55.10 | 11.43 | 51.90 | 10.56 | 48.90 | 10.13 | 47.30 | 9.81 | 45.80 | 9.44 | 42.60 | 8.79 | | | |
| | 21 | 15 | 55.10 | 10.96 | 51.90 | 10.26 | 48.90 | 9.70 | 47.30 | 9.49 | 45.80 | 9.13 | 42.60 | 8.45 | | | |
| 50 | -14.7 | -15 | 46.00 | 19.45 | 43.30 | 18.28 | 40.80 | 17.11 | 39.40 | 16.46 | 38.10 | 15.86 | 35.40 | 14.71 | | | |
| | -12.6 | -13 | 46.00 | 18.28 | 43.30 | 17.11 | 40.80 | 15.93 | 39.40 | 15.39 | 38.10 | 14.84 | 35.40 | 13.77 | | | |
| | -10.5 | -11 | 46.00 | 17.11 | 43.30 | 15.99 | 40.80 | 14.95 | 39.40 | 14.45 | 38.10 | 13.95 | 35.40 | 12.96 | | | |
| | -9.5 | -10 | 46.00 | 16.53 | 43.30 | 15.51 | 40.80 | 14.52 | 39.40 | 14.03 | 38.10 | 13.54 | 35.40 | 12.59 | | | |
| | -8.5 | -9.1 | 46.00 | 16.10 | 43.30 | 15.11 | 40.80 | 14.15 | 39.40 | 13.67 | 38.10 | 13.20 | 35.40 | 12.27 | | | |
| | -7 | -7.6 | 46.00 | 15.42 | 43.30 | 14.48 | 40.80 | 13.56 | 39.40 | 13.11 | 38.10 | 12.68 | 35.40 | 11.80 | | | |
| | -5 | -5.6 | 46.00 | 14.61 | 43.30 | 13.73 | 40.80 | 12.88 | 39.40 | 12.46 | 38.10 | 12.03 | 35.40 | 11.22 | | | |
| | -3 | -3.7 | 46.00 | 13.91 | 43.30 | 13.09 | 40.80 | 12.29 | 39.40 | 11.89 | 38.10 | 11.50 | 35.40 | 10.73 | | | |
| | 0 | -0.7 | 46.00 | 12.96 | 43.30 | 12.21 | 40.80 | 11.47 | 39.40 | 11.11 | 38.10 | 10.75 | 35.40 | 10.04 | | | |
| | 3 | 2.2 | 46.00 | 12.16 | 43.30 | 11.47 | 40.80 | 10.80 | 39.40 | 10.46 | 38.10 | 10.12 | 35.40 | 9.47 | | | |
| | 5 | 4.1 | 46.00 | 11.71 | 43.30 | 11.05 | 40.80 | 10.40 | 39.40 | 10.07 | 38.10 | 9.76 | 35.40 | 9.13 | | | |
| | 8.3 | 6.1 | 46.00 | 11.27 | 43.30 | 10.65 | 40.80 | 10.02 | 39.40 | 9.73 | 38.10 | 9.42 | 35.40 | 8.84 | | | |
| | 9 | 7.9 | 46.00 | 10.88 | 43.30 | 10.28 | 40.80 | 9.70 | 39.40 | 9.41 | 38.10 | 9.12 | 35.40 | 8.55 | | | |
| | 11 | 9.8 | 46.00 | 10.51 | 43.30 | 9.94 | 40.80 | 9.39 | 39.40 | 9.10 | 38.10 | 8.84 | 35.40 | 8.29 | | | |
| | 13 | 11.8 | 46.00 | 10.18 | 43.30 | 9.62 | 40.80 | 9.08 | 39.40 | 8.82 | 38.10 | 8.55 | 35.40 | 8.03 | | | |
| | 15 | 13.7 | 46.00 | 9.86 | 43.30 | 9.34 | 40.80 | 8.82 | 39.40 | 8.56 | 38.10 | 8.30 | 35.40 | 7.82 | | | |
| | 19 | 14.2 | 46.00 | 9.55 | 43.30 | 8.97 | 40.80 | 8.51 | 39.40 | 8.19 | 38.10 | 8.01 | 35.40 | 7.47 | | | |
| | 21 | 15 | 46.00 | 8.92 | 43.30 | 8.72 | 40.80 | 8.29 | 39.40 | 7.84 | 38.10 | 7.70 | 35.40 | 7.17 | | | |

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

| | | YCV800HR | | | | | | | | | | Heating Capacity | | | | | | | | | |
|---------------------|---------------|----------------------|--------|-------|--------|-------|--------|-------|--------|-------|--------|------------------|--------|-------|----|----|----|----|----|----|--|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | TC | | PI | | TC | | PI | |
| | | °C DB | °C WB | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | TC | PI | TC | PI | TC | PI | | |
| 130 | -14.7 | -15 | 53.60 | 13.91 | 53.60 | 14.74 | 53.60 | 15.56 | 53.60 | 15.96 | 53.60 | 16.38 | 53.60 | 17.21 | | | | | | | |
| | -12.6 | -13 | 56.80 | 14.77 | 56.80 | 15.56 | 56.80 | 16.32 | 56.80 | 16.71 | 56.80 | 17.11 | 56.80 | 17.86 | | | | | | | |
| | -10.5 | -11 | 60.40 | 15.54 | 60.40 | 16.27 | 60.40 | 16.99 | 60.40 | 17.36 | 60.40 | 17.74 | 60.40 | 18.41 | | | | | | | |
| | -9.5 | -10 | 62.40 | 15.90 | 62.40 | 16.59 | 62.40 | 17.30 | 62.40 | 17.66 | 62.40 | 18.03 | 62.40 | 18.76 | | | | | | | |
| | -8.5 | -9.1 | 63.80 | 16.19 | 63.80 | 16.88 | 63.80 | 17.57 | 63.80 | 17.91 | 63.80 | 18.22 | 63.80 | 18.95 | | | | | | | |
| | -7 | -7.6 | 66.40 | 16.65 | 66.40 | 17.32 | 66.40 | 17.99 | 66.40 | 18.41 | 66.40 | 18.58 | 66.40 | 19.31 | | | | | | | |
| | -5 | -5.6 | 70.00 | 17.21 | 70.00 | 17.84 | 70.00 | 18.41 | 70.00 | 18.76 | 70.00 | 19.12 | 70.00 | 19.67 | | | | | | | |
| | -3 | -3.7 | 73.20 | 17.72 | 73.20 | 18.22 | 73.20 | 18.95 | 73.20 | 19.31 | 73.20 | 19.48 | 73.20 | 20.21 | | | | | | | |
| | 0 | -0.7 | 78.40 | 18.41 | 78.40 | 18.95 | 78.40 | 19.48 | 78.40 | 19.85 | 78.40 | 20.02 | 78.40 | 20.57 | | | | | | | |
| | 3 | 2.2 | 83.40 | 18.95 | 83.40 | 19.48 | 83.40 | 20.02 | 83.40 | 20.21 | 83.40 | 20.57 | 83.40 | 21.11 | | | | | | | |
| | 5 | 4.1 | 86.60 | 19.31 | 86.60 | 19.85 | 86.60 | 20.38 | 86.60 | 20.57 | 86.60 | 20.94 | 86.60 | 21.28 | | | | | | | |
| | 8.3 | 6.1 | 90.00 | 19.67 | 90.00 | 20.21 | 90.00 | 20.57 | 90.00 | 20.94 | 90.00 | 21.11 | 90.00 | 21.65 | | | | | | | |
| | 9 | 7.9 | 93.20 | 19.85 | 93.20 | 20.38 | 93.20 | 20.94 | 93.20 | 21.11 | 93.20 | 21.28 | 93.20 | 21.84 | | | | | | | |
| | 11 | 9.8 | 96.40 | 20.21 | 96.40 | 20.57 | 96.40 | 21.11 | 96.40 | 21.28 | 96.40 | 21.65 | 96.40 | 22.01 | | | | | | | |
| | 13 | 11.8 | 98.00 | 20.38 | 98.00 | 20.94 | 98.00 | 21.28 | 98.00 | 21.65 | 98.00 | 21.84 | 98.00 | 22.20 | | | | | | | |
| | 15 | 13.7 | 103.20 | 20.75 | 103.20 | 21.11 | 103.20 | 21.47 | 103.20 | 21.84 | 103.20 | 22.01 | 103.20 | 22.37 | | | | | | | |
| | 19 | 14.2 | 103.20 | 20.94 | 103.20 | 21.34 | 103.20 | 21.66 | 103.20 | 22.03 | 103.20 | 22.22 | 103.20 | 22.60 | | | | | | | |
| | 21 | 15 | 103.20 | 21.09 | 103.20 | 21.55 | 103.20 | 21.87 | 103.20 | 22.14 | 103.20 | 21.86 | 103.20 | 22.00 | | | | | | | |
| 120 | -14.7 | -15 | 53.60 | 15.02 | 53.60 | 15.79 | 53.60 | 16.54 | 53.60 | 16.92 | 53.60 | 17.30 | 53.60 | 18.05 | | | | | | | |
| | -12.6 | -13 | 56.80 | 15.83 | 56.80 | 16.54 | 56.80 | 17.24 | 56.80 | 17.61 | 56.80 | 17.97 | 56.80 | 18.76 | | | | | | | |
| | -10.5 | -11 | 60.40 | 16.54 | 60.40 | 17.19 | 60.40 | 17.86 | 60.40 | 18.22 | 60.40 | 18.58 | 60.40 | 19.31 | | | | | | | |
| | -9.5 | -10 | 62.40 | 16.86 | 62.40 | 17.49 | 62.40 | 18.22 | 62.40 | 18.41 | 62.40 | 18.76 | 62.40 | 19.48 | | | | | | | |
| | -8.5 | -9.1 | 63.80 | 17.13 | 63.80 | 17.76 | 63.80 | 18.41 | 63.80 | 18.76 | 63.80 | 19.12 | 63.80 | 19.67 | | | | | | | |
| | -7 | -7.6 | 66.40 | 17.55 | 66.40 | 18.22 | 66.40 | 18.76 | 66.40 | 19.12 | 66.40 | 19.33 | 66.40 | 20.02 | | | | | | | |
| | -5 | -5.6 | 70.00 | 18.05 | 70.00 | 18.58 | 70.00 | 19.31 | 70.00 | 19.48 | 70.00 | 19.90 | 70.00 | 20.38 | | | | | | | |
| | -3 | -3.7 | 73.20 | 18.58 | 73.20 | 19.12 | 73.20 | 19.67 | 73.20 | 19.85 | 73.20 | 20.29 | 73.20 | 20.75 | | | | | | | |
| | 0 | -0.7 | 78.40 | 19.12 | 78.40 | 19.67 | 78.40 | 20.21 | 78.40 | 20.38 | 78.40 | 20.75 | 78.40 | 21.28 | | | | | | | |
| | 3 | 2.2 | 83.40 | 19.67 | 83.40 | 20.21 | 83.40 | 20.75 | 83.40 | 20.94 | 83.40 | 21.11 | 83.40 | 21.65 | | | | | | | |
| | 5 | 4.1 | 86.60 | 20.02 | 86.60 | 20.38 | 86.60 | 20.94 | 86.60 | 21.11 | 86.60 | 21.47 | 86.60 | 21.84 | | | | | | | |
| | 8.3 | 6.1 | 90.00 | 20.21 | 90.00 | 20.75 | 90.00 | 21.28 | 90.00 | 21.47 | 90.00 | 21.65 | 90.00 | 22.20 | | | | | | | |
| | 9 | 7.9 | 93.20 | 20.57 | 93.20 | 20.94 | 93.20 | 21.47 | 93.20 | 21.65 | 93.20 | 21.84 | 93.20 | 22.37 | | | | | | | |
| | 11 | 9.8 | 96.40 | 20.75 | 96.40 | 21.28 | 96.40 | 21.65 | 96.40 | 21.84 | 96.40 | 22.01 | 96.40 | 22.60 | | | | | | | |
| | 13 | 11.8 | 98.00 | 21.11 | 98.00 | 21.47 | 98.00 | 21.84 | 98.00 | 22.01 | 98.00 | 22.37 | 98.00 | 22.94 | | | | | | | |
| | 15 | 13.7 | 103.20 | 21.28 | 103.20 | 21.65 | 103.20 | 22.01 | 103.20 | 22.20 | 103.20 | 22.60 | 103.20 | 23.18 | | | | | | | |
| | 19 | 14.2 | 103.20 | 21.45 | 103.20 | 21.84 | 103.20 | 22.03 | 103.20 | 21.99 | 103.20 | 21.45 | 103.20 | 21.94 | | | | | | | |
| | 21 | 15 | 103.20 | 21.68 | 103.20 | 22.01 | 103.20 | 22.16 | 103.20 | 21.82 | 103.20 | 20.80 | 103.20 | 21.20 | | | | | | | |
| 110 | -14.7 | -15 | 53.60 | 16.13 | 53.60 | 16.84 | 53.60 | 17.49 | 53.60 | 17.86 | 53.60 | 18.22 | 53.60 | 18.95 | | | | | | | |
| | -12.6 | -13 | 56.80 | 16.86 | 56.80 | 17.51 | 56.80 | 18.22 | 56.80 | 18.58 | 56.80 | 18.76 | 56.80 | 19.48 | | | | | | | |
| | -10.5 | -11 | 60.40 | 17.49 | 60.40 | 18.05 | 60.40 | 18.76 | 60.40 | 19.12 | 60.40 | 19.31 | 60.40 | 20.02 | | | | | | | |
| | -9.5 | -10 | 62.40 | 17.80 | 62.40 | 18.41 | 62.40 | 18.95 | 62.40 | 19.33 | 62.40 | 19.67 | 62.40 | 20.21 | | | | | | | |
| | -8.5 | -9.1 | 63.80 | 18.05 | 63.80 | 18.58 | 63.80 | 19.31 | 63.80 | 19.52 | 63.80 | 19.85 | 63.80 | 20.38 | | | | | | | |
| | -7 | -7.6 | 66.40 | 18.41 | 66.40 | 18.95 | 66.40 | 19.48 | 66.40 | 19.90 | 66.40 | 20.21 | 66.40 | 20.75 | | | | | | | |
| | -5 | -5.6 | 70.00 | 18.95 | 70.00 | 19.48 | 70.00 | 20.02 | 70.00 | 20.29 | 70.00 | 20.57 | 70.00 | 21.11 | | | | | | | |
| | -3 | -3.7 | 73.20 | 19.31 | 73.20 | 19.85 | 73.20 | 20.38 | 73.20 | 20.48 | 73.20 | 20.94 | 73.20 | 21.28 | | | | | | | |
| | 0 | -0.7 | 78.40 | 19.85 | 78.40 | 20.38 | 78.40 | 20.94 | 78.40 | 21.05 | 78.40 | 21.28 | 78.40 | 21.84 | | | | | | | |
| | 3 | 2.2 | 83.40 | 20.38 | 83.40 | 20.94 | 83.40 | 21.28 | 83.40 | 21.47 | 83.40 | 21.84 | 83.40 | 22.20 | | | | | | | |
| | 5 | 4.1 | 86.60 | 20.75 | 86.60 | 21.11 | 86.60 | 21.47 | 86.60 | 21.84 | 86.60 | 22.01 | 86.60 | 22.60 | | | | | | | |
| | 8.3 | 6.1 | 90.00 | 20.94 | 90.00 | 21.28 | 90.00 | 21.84 | 90.00 | 22.01 | 90.00 | 22.20 | 90.00 | 22.84 | | | | | | | |
| | 9 | 7.9 | 93.20 | 21.28 | 93.20 | 21.65 | 93.20 | 22.01 | 93.20 | 22.20 | 93.20 | 22.60 | 93.20 | 23.08 | | | | | | | |
| | 11 | 9.8 | 96.40 | 21.47 | 96.40 | 21.84 | 96.40 | 22.20 | 96.40 | 22.60 | 96.40 | 22.84 | 96.40 | 23.37 | | | | | | | |
| | 13 | 11.8 | 98.00 | 21.65 | 98.00 | 22.01 | 98.00 | 22.38 | 98.00 | 22.60 | 98.00 | 22.84 | 98.00 | 23.74 | | | | | | | |
| | 15 | 13.7 | 103.20 | 21.84 | 103.20 | 22.20 | 103.20 | 22.60 | 103.20 | 22.84 | 103.20 | 23.18 | 103.20 | 23.74 | | | | | | | |
| | 19 | 14.2 | 103.20 | 20.40 | 103.20 | 21.99 | 103.20 | 20.59 | 103.20 | 19.73 | 103.20 | 19.00 | 103.20 | 17.63 | | | | | | | |
| | 21 | 15 | 103.20 | 20.57 | 103.20 | 21.36 | 103.20 | 19.50 | 103.20 | 19.14 | 103.20 | 18.47 | 103.20 | 17.38 | | | | | | | |

To be continued

Continued

| Capacity Factor (%) | Outdoor Temp. | YCV800HR | | | | | | | | | | Heating Capacity | | | | | | | |
|---------------------|---------------|----------|--------|-------|-------|-------|-------|-------|-------|-------|-------|------------------|-------|-------|----|----|----|----|----|
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| | | °C DB | °C WB | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| 100 | -14.7 | -15 | 53.60 | 17.24 | 53.60 | 17.87 | 53.60 | 18.58 | 53.60 | 18.76 | 53.60 | 19.12 | 53.60 | 19.85 | | | | | |
| | -12.6 | -13 | 56.80 | 17.91 | 56.80 | 18.58 | 56.80 | 19.12 | 56.80 | 19.31 | 56.80 | 19.67 | 56.80 | 20.21 | | | | | |
| | -10.5 | -11 | 60.40 | 18.58 | 60.40 | 19.12 | 60.40 | 19.67 | 60.40 | 19.85 | 60.40 | 20.21 | 60.40 | 20.75 | | | | | |
| | -9.5 | -10 | 62.40 | 18.76 | 62.40 | 19.31 | 62.40 | 19.85 | 62.40 | 20.21 | 62.40 | 20.38 | 62.40 | 20.94 | | | | | |
| | -8.5 | -9.1 | 63.80 | 18.95 | 63.80 | 19.48 | 63.80 | 20.02 | 63.80 | 20.48 | 63.80 | 20.57 | 63.80 | 21.11 | | | | | |
| | -7 | -7.6 | 66.40 | 19.31 | 66.40 | 19.85 | 66.40 | 20.38 | 66.40 | 20.48 | 66.40 | 20.94 | 66.40 | 21.47 | | | | | |
| | -5 | -5.6 | 70.00 | 19.85 | 70.00 | 20.21 | 70.00 | 20.75 | 70.00 | 20.86 | 70.00 | 21.28 | 70.00 | 21.65 | | | | | |
| | -3 | -3.7 | 73.20 | 20.21 | 73.20 | 20.57 | 73.20 | 21.11 | 73.20 | 21.24 | 73.20 | 21.47 | 73.20 | 22.01 | | | | | |
| | 0 | -0.7 | 78.40 | 20.75 | 78.40 | 21.11 | 78.40 | 21.47 | 78.40 | 21.82 | 78.40 | 22.01 | 78.60 | 22.37 | | | | | |
| | 3 | 2.2 | 83.40 | 21.11 | 83.40 | 21.47 | 83.40 | 22.01 | 83.40 | 22.20 | 83.40 | 22.37 | 83.60 | 20.94 | | | | | |
| | 5 | 4.1 | 86.60 | 21.28 | 86.60 | 21.84 | 86.60 | 22.20 | 86.60 | 22.37 | 84.20 | 21.65 | 78.60 | 20.02 | | | | | |
| | 8.3 | 6.1 | 90.00 | 21.65 | 90.00 | 22.01 | 90.00 | 22.20 | 87.20 | 21.47 | 84.20 | 20.75 | 78.60 | 19.12 | | | | | |
| | 9 | 7.9 | 93.20 | 21.84 | 93.20 | 22.20 | 90.00 | 21.47 | 87.20 | 20.75 | 84.20 | 19.85 | 78.60 | 18.41 | | | | | |
| | 11 | 9.8 | 96.40 | 22.01 | 95.80 | 22.20 | 90.00 | 20.57 | 87.20 | 19.85 | 84.20 | 19.12 | 78.60 | 17.70 | | | | | |
| | 13 | 11.8 | 98.00 | 22.20 | 95.80 | 21.28 | 90.00 | 19.85 | 87.20 | 19.12 | 84.20 | 18.41 | 78.60 | 17.03 | | | | | |
| | 15 | 13.7 | 101.40 | 21.84 | 95.80 | 20.57 | 90.00 | 19.12 | 87.20 | 18.41 | 84.20 | 17.76 | 78.60 | 16.44 | | | | | |
| | 19 | 14.2 | 101.40 | 21.26 | 95.80 | 19.87 | 90.00 | 18.64 | 87.20 | 17.65 | 84.20 | 17.07 | 78.60 | 16.00 | | | | | |
| | 21 | 15 | 101.40 | 20.57 | 95.80 | 19.00 | 90.00 | 17.95 | 87.20 | 17.38 | 84.20 | 16.55 | 78.60 | 15.64 | | | | | |
| 90 | -14.7 | -15 | 53.60 | 18.41 | 53.60 | 18.95 | 53.60 | 19.48 | 53.60 | 19.85 | 53.60 | 20.02 | 53.60 | 20.57 | | | | | |
| | -12.6 | -13 | 56.80 | 18.95 | 56.80 | 19.48 | 56.80 | 20.02 | 56.80 | 20.21 | 56.80 | 20.57 | 56.80 | 21.11 | | | | | |
| | -10.5 | -11 | 60.40 | 19.48 | 60.40 | 20.02 | 60.40 | 20.57 | 60.40 | 20.75 | 60.40 | 20.94 | 60.40 | 21.47 | | | | | |
| | -9.5 | -10 | 62.40 | 19.67 | 62.40 | 20.21 | 62.40 | 20.75 | 62.40 | 20.94 | 62.40 | 21.11 | 62.40 | 21.65 | | | | | |
| | -8.5 | -9.1 | 63.80 | 19.85 | 63.80 | 20.38 | 63.80 | 20.94 | 63.80 | 21.11 | 63.80 | 21.28 | 63.80 | 21.84 | | | | | |
| | -7 | -7.6 | 66.40 | 20.21 | 66.40 | 20.75 | 66.40 | 21.11 | 66.40 | 21.47 | 66.40 | 21.76 | 66.40 | 22.37 | | | | | |
| | -5 | -5.6 | 70.00 | 20.57 | 70.00 | 21.11 | 70.00 | 21.47 | 70.00 | 21.65 | 70.00 | 22.01 | 70.00 | 22.37 | | | | | |
| | -3 | -3.7 | 73.20 | 20.94 | 73.20 | 21.47 | 73.20 | 21.84 | 73.20 | 22.01 | 73.20 | 22.20 | 70.40 | 21.47 | | | | | |
| | 0 | -0.7 | 78.40 | 21.47 | 78.40 | 21.84 | 78.40 | 22.20 | 78.20 | 22.37 | 75.60 | 21.47 | 70.40 | 19.85 | | | | | |
| | 3 | 2.2 | 83.40 | 21.84 | 83.40 | 22.20 | 81.20 | 21.65 | 78.20 | 20.94 | 75.60 | 20.02 | 70.40 | 18.58 | | | | | |
| | 5 | 4.1 | 86.60 | 22.01 | 86.40 | 22.20 | 81.20 | 20.75 | 78.20 | 20.20 | 75.60 | 19.12 | 70.40 | 17.76 | | | | | |
| | 8.3 | 6.1 | 90.00 | 22.20 | 86.40 | 21.28 | 81.20 | 19.85 | 78.20 | 19.12 | 75.60 | 18.41 | 70.40 | 17.05 | | | | | |
| | 9 | 7.9 | 91.60 | 21.84 | 86.40 | 20.38 | 81.20 | 19.12 | 78.20 | 18.41 | 75.60 | 17.72 | 70.40 | 16.40 | | | | | |
| | 11 | 9.8 | 91.60 | 20.94 | 86.40 | 19.67 | 81.20 | 18.41 | 78.20 | 17.68 | 75.60 | 17.05 | 70.40 | 15.81 | | | | | |
| | 13 | 11.8 | 91.60 | 20.21 | 86.40 | 18.95 | 81.20 | 17.63 | 78.20 | 17.01 | 75.60 | 16.42 | 70.40 | 15.23 | | | | | |
| | 15 | 13.7 | 91.60 | 19.48 | 86.40 | 18.22 | 81.20 | 17.01 | 78.20 | 16.44 | 75.60 | 15.87 | 70.40 | 14.70 | | | | | |
| | 19 | 14.2 | 91.60 | 19.00 | 86.40 | 17.70 | 81.20 | 16.48 | 78.20 | 15.94 | 75.60 | 15.29 | 70.40 | 14.18 | | | | | |
| | 21 | 15 | 91.60 | 18.32 | 86.40 | 17.05 | 81.20 | 16.17 | 78.20 | 15.43 | 75.60 | 14.76 | 70.40 | 13.61 | | | | | |
| 80 | -14.7 | -15 | 53.60 | 19.48 | 53.60 | 20.02 | 53.60 | 20.57 | 53.60 | 20.75 | 53.60 | 20.94 | 53.60 | 21.47 | | | | | |
| | -12.6 | -13 | 56.80 | 20.02 | 56.80 | 20.38 | 56.80 | 20.94 | 56.80 | 21.11 | 56.80 | 21.47 | 56.80 | 21.84 | | | | | |
| | -10.5 | -11 | 60.40 | 20.38 | 60.40 | 20.94 | 60.40 | 21.28 | 60.40 | 21.65 | 60.40 | 21.84 | 60.40 | 22.20 | | | | | |
| | -9.5 | -10 | 62.40 | 20.75 | 62.40 | 21.11 | 62.40 | 21.47 | 62.40 | 21.84 | 62.40 | 22.01 | 62.40 | 22.37 | | | | | |
| | -8.5 | -9.1 | 63.80 | 20.94 | 63.80 | 21.28 | 63.80 | 21.65 | 63.80 | 22.01 | 63.80 | 22.20 | 62.60 | 22.01 | | | | | |
| | -7 | -7.6 | 66.40 | 21.11 | 66.40 | 21.47 | 66.40 | 22.01 | 66.40 | 22.20 | 66.40 | 22.37 | 62.60 | 20.94 | | | | | |
| | -5 | -5.6 | 70.00 | 21.47 | 70.00 | 21.84 | 70.00 | 22.20 | 69.60 | 22.37 | 67.40 | 21.47 | 62.60 | 19.85 | | | | | |
| | -3 | -3.7 | 73.20 | 21.84 | 73.20 | 22.20 | 72.00 | 22.01 | 69.60 | 21.11 | 67.40 | 20.38 | 62.60 | 18.76 | | | | | |
| | 0 | -0.7 | 78.40 | 22.20 | 76.60 | 21.84 | 72.00 | 20.38 | 69.60 | 19.67 | 67.40 | 18.76 | 62.60 | 17.43 | | | | | |
| | 3 | 2.2 | 81.40 | 21.65 | 76.60 | 20.38 | 72.00 | 18.95 | 69.60 | 18.22 | 67.40 | 17.61 | 62.60 | 16.31 | | | | | |
| | 5 | 4.1 | 81.40 | 20.75 | 76.60 | 19.48 | 72.00 | 18.22 | 69.60 | 17.49 | 67.40 | 16.86 | 62.60 | 15.64 | | | | | |
| | 8.3 | 6.1 | 81.40 | 19.85 | 76.60 | 18.58 | 72.00 | 17.42 | 69.60 | 16.82 | 67.40 | 16.23 | 62.60 | 15.04 | | | | | |
| | 9 | 7.9 | 81.40 | 19.12 | 76.60 | 17.91 | 72.00 | 16.75 | 69.60 | 16.17 | 67.40 | 15.60 | 62.60 | 14.49 | | | | | |
| | 11 | 9.8 | 81.40 | 18.41 | 76.60 | 17.24 | 72.00 | 16.13 | 69.60 | 15.60 | 67.40 | 15.04 | 62.60 | 13.97 | | | | | |
| | 13 | 11.8 | 81.40 | 17.70 | 76.60 | 16.59 | 72.00 | 15.54 | 69.60 | 15.00 | 67.40 | 14.49 | 62.60 | 13.47 | | | | | |
| | 15 | 13.7 | 81.40 | 17.09 | 76.60 | 15.88 | 72.00 | 15.00 | 69.60 | 14.51 | 67.40 | 14.03 | 62.60 | 13.05 | | | | | |
| | 19 | 14.2 | 81.40 | 16.50 | 76.60 | 15.60 | 72.00 | 14.41 | 69.60 | 13.97 | 67.40 | 13.42 | 62.60 | 12.73 | | | | | |
| | 21 | 15 | 81.40 | 16.04 | 76.60 | 14.93 | 72.00 | 14.03 | 69.60 | 13.51 | 67.40 | 12.96 | 62.60 | 12.06 | | | | | |

To be continued

Continued

Capacity table

| | | YCV800HR | | | | | | | | Heating Capacity | | | | | | | |
|---------------------|---------------|----------------------|-------|-------|-------|-------|-------|-------|-------|------------------|-------|-------|-------|-------|----|----|----|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| 70 | °C DB | °C WB | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| | -14.7 | -15 | 53.60 | 20.57 | 53.60 | 21.11 | 53.60 | 21.47 | 53.60 | 21.65 | 53.60 | 21.84 | 53.60 | 22.37 | | | |
| | -12.6 | -13 | 56.80 | 21.11 | 56.80 | 21.47 | 56.80 | 21.84 | 56.80 | 22.01 | 56.80 | 22.37 | 54.80 | 21.47 | | | |
| | -10.5 | -11 | 60.40 | 21.47 | 60.40 | 21.84 | 60.40 | 22.20 | 60.40 | 22.37 | 59.00 | 21.65 | 54.80 | 20.02 | | | |
| | -9.5 | -10 | 62.40 | 21.65 | 62.40 | 22.01 | 62.40 | 22.37 | 61.00 | 21.84 | 59.00 | 20.94 | 54.80 | 19.31 | | | |
| | -8.5 | -9.1 | 63.80 | 21.84 | 63.80 | 22.20 | 63.20 | 22.01 | 61.00 | 21.28 | 59.00 | 20.38 | 54.80 | 18.95 | | | |
| | -7 | -7.6 | 66.40 | 22.01 | 66.40 | 22.37 | 63.20 | 21.11 | 61.00 | 20.21 | 59.00 | 19.48 | 54.80 | 18.05 | | | |
| | -5 | -5.6 | 70.00 | 22.37 | 67.00 | 21.28 | 63.20 | 19.85 | 61.00 | 19.12 | 59.00 | 18.41 | 54.80 | 17.09 | | | |
| | -3 | -3.7 | 71.20 | 21.65 | 67.00 | 20.21 | 63.20 | 18.95 | 61.00 | 18.22 | 59.00 | 17.55 | 54.80 | 16.25 | | | |
| | 0 | -0.7 | 71.20 | 20.02 | 67.00 | 18.76 | 63.20 | 17.51 | 61.00 | 16.90 | 59.00 | 16.29 | 54.80 | 15.12 | | | |
| | 3 | 2.2 | 71.20 | 18.76 | 67.00 | 17.51 | 63.20 | 16.36 | 61.00 | 15.81 | 59.00 | 15.27 | 54.80 | 14.16 | | | |
| | 5 | 4.1 | 71.20 | 17.89 | 67.00 | 16.80 | 63.20 | 15.71 | 61.00 | 15.18 | 59.00 | 14.66 | 54.80 | 13.63 | | | |
| | 8.3 | 6.1 | 71.20 | 17.17 | 67.00 | 16.13 | 63.20 | 15.10 | 61.00 | 14.60 | 59.00 | 14.09 | 54.80 | 13.11 | | | |
| | 9 | 7.9 | 71.20 | 16.54 | 67.00 | 15.52 | 63.20 | 14.54 | 61.00 | 14.05 | 59.00 | 13.59 | 54.80 | 12.65 | | | |
| | 11 | 9.8 | 71.20 | 15.90 | 67.00 | 14.97 | 63.20 | 14.03 | 61.00 | 13.57 | 59.00 | 13.01 | 54.80 | 12.21 | | | |
| | 13 | 11.8 | 71.20 | 15.33 | 67.00 | 14.41 | 63.20 | 13.53 | 61.00 | 13.09 | 59.00 | 12.65 | 54.80 | 11.81 | | | |
| | 15 | 13.7 | 71.20 | 14.81 | 67.00 | 13.95 | 63.20 | 13.09 | 61.00 | 12.67 | 59.00 | 12.25 | 54.80 | 11.44 | | | |
| | 19 | 14.2 | 71.20 | 14.07 | 67.00 | 13.57 | 63.20 | 12.73 | 61.00 | 12.08 | 59.00 | 11.56 | 54.80 | 10.97 | | | |
| | 21 | 15 | 71.20 | 13.57 | 67.00 | 12.90 | 63.20 | 12.15 | 61.00 | 11.52 | 59.00 | 10.99 | 54.80 | 10.37 | | | |
| 60 | -14.7 | -15 | 53.60 | 21.65 | 53.60 | 22.01 | 53.60 | 22.37 | 52.20 | 21.65 | 50.60 | 20.94 | 47.00 | 19.31 | | | |
| | -12.6 | -13 | 56.80 | 22.01 | 56.80 | 22.37 | 54.00 | 20.94 | 52.20 | 20.21 | 50.60 | 19.48 | 47.00 | 18.01 | | | |
| | -10.5 | -11 | 60.40 | 22.37 | 57.40 | 21.11 | 54.00 | 19.67 | 52.20 | 18.95 | 50.60 | 18.22 | 47.00 | 16.88 | | | |
| | -9.5 | -10 | 61.00 | 21.84 | 57.40 | 20.38 | 54.00 | 19.12 | 52.20 | 18.41 | 50.60 | 17.70 | 47.00 | 16.38 | | | |
| | -8.5 | -9.1 | 61.00 | 21.28 | 57.40 | 19.85 | 54.00 | 18.58 | 52.20 | 17.87 | 50.60 | 17.22 | 47.00 | 15.96 | | | |
| | -7 | -7.6 | 61.00 | 20.21 | 57.40 | 18.95 | 54.00 | 17.74 | 52.20 | 17.11 | 50.60 | 16.52 | 47.00 | 15.29 | | | |
| | -5 | -5.6 | 61.00 | 19.12 | 57.40 | 17.95 | 54.00 | 16.78 | 52.20 | 16.21 | 50.60 | 15.62 | 47.00 | 14.51 | | | |
| | -3 | -3.7 | 61.00 | 18.22 | 57.40 | 17.07 | 54.00 | 15.96 | 52.20 | 15.43 | 50.60 | 14.89 | 47.00 | 13.84 | | | |
| | 0 | -0.7 | 61.00 | 16.88 | 57.40 | 15.87 | 54.00 | 14.85 | 52.20 | 14.35 | 50.60 | 13.88 | 47.00 | 12.90 | | | |
| | 3 | 2.2 | 61.00 | 15.81 | 57.40 | 14.85 | 54.00 | 13.93 | 52.20 | 13.47 | 50.60 | 13.03 | 47.00 | 12.13 | | | |
| | 5 | 4.1 | 61.00 | 15.18 | 57.40 | 14.28 | 54.00 | 13.40 | 52.20 | 12.96 | 50.60 | 12.52 | 47.00 | 11.67 | | | |
| | 8.3 | 6.1 | 61.00 | 14.58 | 57.40 | 13.72 | 54.00 | 12.90 | 52.20 | 12.48 | 50.60 | 12.08 | 47.00 | 11.25 | | | |
| | 9 | 7.9 | 61.00 | 14.05 | 57.40 | 13.24 | 54.00 | 12.44 | 52.20 | 12.06 | 50.60 | 11.66 | 47.00 | 10.87 | | | |
| | 11 | 9.8 | 61.00 | 13.57 | 57.40 | 12.77 | 54.00 | 12.02 | 52.20 | 11.64 | 50.60 | 11.25 | 47.00 | 10.55 | | | |
| | 13 | 11.8 | 61.00 | 13.07 | 57.40 | 12.34 | 54.00 | 11.60 | 52.20 | 11.23 | 50.60 | 10.89 | 47.00 | 10.20 | | | |
| | 15 | 13.7 | 61.00 | 12.67 | 57.40 | 11.94 | 54.00 | 11.23 | 52.20 | 10.89 | 50.60 | 10.56 | 47.00 | 9.89 | | | |
| | 19 | 14.2 | 61.00 | 12.31 | 57.40 | 11.37 | 54.00 | 10.89 | 52.20 | 10.56 | 50.60 | 10.16 | 47.00 | 9.45 | | | |
| | 21 | 15 | 61.00 | 11.79 | 57.40 | 11.04 | 54.00 | 10.43 | 52.20 | 10.22 | 50.60 | 9.84 | 47.00 | 9.09 | | | |
| 50 | -14.7 | -15 | 50.60 | 20.94 | 47.80 | 19.67 | 45.00 | 18.41 | 43.40 | 17.72 | 42.00 | 17.07 | 39.20 | 15.83 | | | |
| | -12.6 | -13 | 50.60 | 19.67 | 47.80 | 18.41 | 45.00 | 17.15 | 43.40 | 16.55 | 42.00 | 15.96 | 39.20 | 14.81 | | | |
| | -10.5 | -11 | 50.60 | 18.41 | 47.80 | 17.21 | 45.00 | 16.10 | 43.40 | 15.56 | 42.00 | 15.00 | 39.20 | 13.95 | | | |
| | -9.5 | -10 | 50.60 | 17.80 | 47.80 | 16.69 | 45.00 | 15.62 | 43.40 | 15.10 | 42.00 | 14.58 | 39.20 | 13.55 | | | |
| | -8.5 | -9.1 | 50.60 | 17.32 | 47.80 | 16.25 | 45.00 | 15.23 | 43.40 | 14.70 | 42.00 | 14.20 | 39.20 | 13.21 | | | |
| | -7 | -7.6 | 50.60 | 16.59 | 47.80 | 15.60 | 45.00 | 14.60 | 43.40 | 14.10 | 42.00 | 13.65 | 39.20 | 12.71 | | | |
| | -5 | -5.6 | 50.60 | 15.71 | 47.80 | 14.77 | 45.00 | 13.86 | 43.40 | 13.40 | 42.00 | 12.96 | 39.20 | 12.08 | | | |
| | -3 | -3.7 | 50.60 | 14.97 | 47.80 | 14.09 | 45.00 | 13.22 | 43.40 | 12.78 | 42.00 | 12.38 | 39.20 | 11.54 | | | |
| | 0 | -0.7 | 50.60 | 13.95 | 47.80 | 13.13 | 45.00 | 12.34 | 43.40 | 11.96 | 42.00 | 11.56 | 39.20 | 10.81 | | | |
| | 3 | 2.2 | 50.60 | 13.07 | 47.80 | 12.34 | 45.00 | 11.62 | 43.40 | 11.25 | 42.00 | 10.89 | 39.20 | 10.20 | | | |
| | 5 | 4.1 | 50.60 | 12.59 | 47.80 | 11.88 | 45.00 | 11.20 | 43.40 | 10.85 | 42.00 | 10.28 | 39.20 | 9.84 | | | |
| | 8.3 | 6.1 | 50.60 | 12.13 | 47.80 | 11.46 | 45.00 | 10.79 | 43.40 | 10.47 | 42.00 | 10.14 | 39.20 | 9.51 | | | |
| | 9 | 7.9 | 50.60 | 11.71 | 47.80 | 11.06 | 45.00 | 10.43 | 43.40 | 10.12 | 42.00 | 9.82 | 39.20 | 9.21 | | | |
| | 11 | 9.8 | 50.60 | 11.31 | 47.80 | 10.70 | 45.00 | 10.10 | 43.40 | 9.80 | 42.00 | 9.51 | 39.20 | 8.92 | | | |
| | 13 | 11.8 | 50.60 | 10.95 | 47.80 | 10.35 | 45.00 | 9.78 | 43.40 | 9.49 | 42.00 | 9.21 | 39.20 | 8.65 | | | |
| | 15 | 13.7 | 50.60 | 10.60 | 47.80 | 10.05 | 45.00 | 9.49 | 43.40 | 9.22 | 42.00 | 8.94 | 39.20 | 8.40 | | | |
| | 19 | 14.2 | 50.60 | 10.28 | 47.80 | 9.65 | 45.00 | 9.15 | 43.40 | 8.80 | 42.00 | 8.63 | 39.20 | 8.04 | | | |
| | 21 | 15 | 50.60 | 9.61 | 47.80 | 9.38 | 45.00 | 8.92 | 43.40 | 8.44 | 42.00 | 8.29 | 39.20 | 7.71 | | | |

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

| | | YCV850HR | | | | Heating Capacity | | | | | | | | | |
|---------------------|---------------|----------------------|--------|-------|--------|------------------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | kW | kW |
| °C DB | | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| 130 | -14.7 | -15 | 56.10 | 14.93 | 56.10 | 15.82 | 56.10 | 16.69 | 56.10 | 17.13 | 56.10 | 17.58 | 56.10 | 18.46 | |
| | -12.6 | -13 | 59.60 | 15.86 | 59.60 | 16.69 | 59.60 | 17.52 | 59.60 | 17.92 | 59.60 | 18.35 | 59.60 | 19.17 | |
| | -10.5 | -11 | 63.40 | 16.67 | 63.40 | 17.46 | 63.40 | 18.24 | 63.40 | 18.63 | 63.40 | 19.03 | 63.40 | 19.76 | |
| | -9.5 | -10 | 65.50 | 17.06 | 65.50 | 17.81 | 65.50 | 18.56 | 65.50 | 18.95 | 65.50 | 19.34 | 65.50 | 20.13 | |
| | -8.5 | -9.1 | 67.00 | 17.37 | 67.00 | 18.12 | 67.00 | 18.85 | 67.00 | 19.23 | 67.00 | 19.55 | 67.00 | 20.33 | |
| | -7 | -7.6 | 69.70 | 17.87 | 69.70 | 18.59 | 69.70 | 19.30 | 69.70 | 19.76 | 69.70 | 19.94 | 69.70 | 20.72 | |
| | -5 | -5.6 | 73.50 | 18.46 | 73.50 | 19.14 | 73.50 | 19.76 | 73.50 | 20.13 | 73.50 | 20.52 | 73.50 | 21.11 | |
| | -3 | -3.7 | 77.00 | 19.01 | 77.00 | 19.55 | 77.00 | 20.33 | 77.00 | 20.72 | 77.00 | 20.91 | 77.00 | 21.68 | |
| | 0 | -0.7 | 82.60 | 19.76 | 82.60 | 20.33 | 82.60 | 20.91 | 82.60 | 21.29 | 82.60 | 21.49 | 82.60 | 22.08 | |
| | 3 | 2.2 | 87.90 | 20.33 | 87.90 | 20.91 | 87.90 | 21.49 | 87.90 | 21.68 | 87.90 | 22.08 | 87.90 | 22.65 | |
| | 5 | 4.1 | 91.40 | 20.72 | 91.40 | 21.29 | 91.40 | 21.87 | 91.40 | 22.08 | 91.40 | 22.46 | 91.40 | 22.84 | |
| | 8.3 | 6.1 | 95.00 | 21.11 | 95.00 | 21.68 | 95.00 | 22.08 | 95.00 | 22.46 | 95.00 | 22.65 | 95.00 | 23.23 | |
| | 9 | 7.9 | 98.40 | 21.29 | 98.40 | 21.87 | 98.40 | 22.46 | 98.40 | 22.84 | 98.40 | 23.23 | 98.40 | 23.43 | |
| | 11 | 9.8 | 101.90 | 21.68 | 101.90 | 22.08 | 101.90 | 22.65 | 101.90 | 22.84 | 101.90 | 23.23 | 101.90 | 23.61 | |
| | 13 | 11.8 | 104.78 | 21.87 | 104.78 | 22.46 | 104.78 | 22.84 | 104.78 | 23.23 | 104.78 | 23.43 | 104.78 | 23.82 | |
| | 15 | 13.7 | 109.20 | 22.26 | 109.10 | 22.65 | 109.10 | 23.04 | 109.10 | 23.43 | 109.10 | 23.61 | 109.10 | 23.84 | 107.60 |
| | 19 | 14.2 | 109.20 | 22.47 | 109.10 | 22.89 | 109.10 | 23.25 | 109.10 | 23.63 | 109.10 | 23.84 | 109.10 | 23.84 | 107.60 |
| | 21 | 15 | 109.20 | 22.64 | 109.10 | 23.11 | 109.10 | 23.48 | 109.10 | 23.76 | 109.10 | 23.46 | 109.10 | 23.46 | 107.60 |
| | | | | | | | | | | | | | | | 22.91 |
| 120 | -14.7 | -15 | 56.10 | 16.12 | 56.10 | 16.94 | 56.10 | 17.75 | 56.10 | 18.16 | 56.10 | 18.56 | 56.10 | 19.36 | |
| | -12.6 | -13 | 59.60 | 16.98 | 59.60 | 17.74 | 59.60 | 18.50 | 59.60 | 18.89 | 59.60 | 19.29 | 59.60 | 20.13 | |
| | -10.5 | -11 | 63.40 | 17.74 | 63.40 | 18.44 | 63.40 | 19.17 | 63.40 | 19.55 | 63.40 | 19.94 | 63.40 | 20.72 | |
| | -9.5 | -10 | 65.50 | 18.09 | 65.50 | 18.78 | 65.50 | 19.55 | 65.50 | 19.76 | 65.50 | 20.13 | 65.50 | 20.91 | |
| | -8.5 | -9.1 | 67.00 | 18.37 | 67.00 | 19.05 | 67.00 | 19.76 | 67.00 | 20.13 | 67.00 | 20.52 | 67.00 | 21.11 | |
| | -7 | -7.6 | 69.70 | 18.83 | 69.70 | 19.55 | 69.70 | 20.13 | 69.70 | 20.52 | 69.70 | 20.76 | 69.70 | 21.49 | |
| | -5 | -5.6 | 73.50 | 19.36 | 73.50 | 19.94 | 73.50 | 20.72 | 73.50 | 20.91 | 73.50 | 21.35 | 73.50 | 21.87 | |
| | -3 | -3.7 | 77.00 | 19.94 | 77.00 | 20.52 | 77.00 | 21.11 | 77.00 | 21.29 | 77.00 | 21.74 | 77.00 | 22.26 | |
| | 0 | -0.7 | 82.60 | 20.52 | 82.60 | 21.11 | 82.60 | 21.68 | 82.60 | 21.87 | 82.60 | 22.26 | 82.60 | 22.84 | |
| | 3 | 2.2 | 87.90 | 21.11 | 87.90 | 21.68 | 87.90 | 22.26 | 87.90 | 22.46 | 87.90 | 22.65 | 87.90 | 23.23 | |
| | 5 | 4.1 | 91.40 | 21.49 | 91.40 | 21.87 | 91.40 | 22.46 | 91.40 | 22.65 | 91.40 | 23.04 | 91.40 | 23.43 | |
| | 8.3 | 6.1 | 95.00 | 21.68 | 95.00 | 22.26 | 95.00 | 22.84 | 95.00 | 23.04 | 95.00 | 23.23 | 95.00 | 23.82 | |
| | 9 | 7.9 | 98.40 | 22.08 | 98.40 | 22.46 | 98.40 | 23.04 | 98.40 | 23.23 | 98.40 | 23.43 | 98.40 | 24.01 | |
| | 11 | 9.8 | 101.90 | 22.26 | 101.90 | 22.84 | 101.90 | 23.23 | 101.90 | 23.43 | 101.90 | 23.61 | 101.90 | 23.84 | |
| | 13 | 11.8 | 104.78 | 22.65 | 104.78 | 23.04 | 104.78 | 23.43 | 104.78 | 23.61 | 104.78 | 24.01 | 104.78 | 24.46 | |
| | 15 | 13.7 | 109.10 | 22.84 | 109.10 | 23.23 | 109.10 | 23.61 | 109.10 | 23.82 | 106.60 | 23.43 | 99.40 | 21.49 | |
| | 19 | 14.2 | 109.10 | 23.03 | 109.10 | 23.43 | 109.10 | 23.64 | 109.10 | 23.59 | 106.60 | 23.03 | 99.40 | 20.97 | |
| | 21 | 15 | 109.10 | 23.27 | 109.10 | 23.61 | 109.10 | 23.78 | 109.10 | 23.41 | 106.60 | 22.32 | 99.40 | 20.60 | |
| 110 | -14.7 | -15 | 56.10 | 17.31 | 56.10 | 18.07 | 56.10 | 18.78 | 56.10 | 19.17 | 56.10 | 19.55 | 56.10 | 20.33 | |
| | -12.6 | -13 | 59.60 | 18.10 | 59.60 | 18.80 | 59.60 | 19.55 | 59.60 | 19.94 | 59.60 | 20.13 | 59.60 | 20.91 | |
| | -10.5 | -11 | 63.40 | 18.78 | 63.40 | 19.36 | 63.40 | 20.13 | 63.40 | 20.52 | 63.40 | 20.72 | 63.40 | 21.49 | |
| | -9.5 | -10 | 65.50 | 19.10 | 65.50 | 19.76 | 65.50 | 20.33 | 65.50 | 20.76 | 65.50 | 21.11 | 65.50 | 21.68 | |
| | -8.5 | -9.1 | 67.00 | 19.36 | 67.00 | 19.94 | 67.00 | 20.72 | 67.00 | 20.96 | 67.00 | 21.29 | 67.00 | 21.87 | |
| | -7 | -7.6 | 69.70 | 19.76 | 69.70 | 20.33 | 69.70 | 20.91 | 69.70 | 21.35 | 69.70 | 21.68 | 69.70 | 22.26 | |
| | -5 | -5.6 | 73.50 | 20.33 | 73.50 | 20.91 | 73.50 | 21.49 | 73.50 | 21.74 | 73.50 | 22.08 | 73.50 | 22.65 | |
| | -3 | -3.7 | 77.00 | 20.72 | 77.00 | 21.29 | 77.00 | 21.87 | 77.00 | 22.04 | 77.00 | 22.46 | 77.00 | 22.84 | |
| | 0 | -0.7 | 82.60 | 21.29 | 82.60 | 21.87 | 82.60 | 22.46 | 82.60 | 22.63 | 82.60 | 22.84 | 82.60 | 23.43 | |
| | 3 | 2.2 | 87.90 | 21.87 | 87.90 | 22.46 | 87.90 | 22.84 | 87.90 | 23.04 | 87.90 | 23.43 | 87.90 | 23.82 | |
| | 5 | 4.1 | 91.40 | 22.26 | 91.40 | 22.65 | 91.40 | 23.04 | 91.40 | 23.43 | 91.40 | 23.61 | 91.40 | 23.82 | |
| | 8.3 | 6.1 | 95.00 | 22.46 | 95.00 | 22.84 | 95.00 | 23.43 | 95.00 | 23.61 | 95.00 | 23.82 | 91.10 | 22.84 | |
| | 9 | 7.9 | 98.40 | 22.84 | 98.40 | 23.23 | 98.40 | 23.61 | 98.40 | 23.82 | 97.70 | 23.82 | 91.10 | 21.87 | |
| | 11 | 9.8 | 101.90 | 23.04 | 101.90 | 23.43 | 101.90 | 23.82 | 101.90 | 23.82 | 97.70 | 22.84 | 91.10 | 21.11 | |
| | 13 | 11.8 | 104.78 | 23.23 | 104.78 | 23.61 | 104.60 | 23.61 | 101.10 | 22.84 | 97.70 | 21.87 | 91.10 | 20.33 | |
| | 15 | 13.7 | 109.20 | 23.43 | 109.20 | 23.82 | 104.60 | 22.84 | 101.10 | 22.08 | 97.70 | 21.11 | 91.10 | 19.55 | |
| | 19 | 14.2 | 109.20 | 21.89 | 109.20 | 23.59 | 104.60 | 22.10 | 101.10 | 21.18 | 97.70 | 20.39 | 91.10 | 18.91 | |
| | 21 | 15 | 109.20 | 22.08 | 109.20 | 22.91 | 104.60 | 20.92 | 101.10 | 20.54 | 97.70 | 19.82 | 91.10 | 18.64 | |

To be continued

Continued

| Capacity Factor (%) | | Outdoor Temp. | | Heating Capacity | | | | | | | | | | | |
|---------------------|-------|---------------|--------|----------------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| | | | | Indoor Temp. (°C DB) | | | | | | | | | | | |
| | | | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | |
| | | °C DB | °C WB | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| 100 | -14.7 | -15 | 56.10 | 18.50 | 56.10 | 19.19 | 56.10 | 19.94 | 56.10 | 20.13 | 56.10 | 20.52 | 56.10 | 21.29 | |
| | -12.6 | -13 | 59.60 | 19.23 | 59.60 | 19.94 | 59.60 | 20.52 | 59.60 | 20.72 | 59.60 | 21.11 | 59.60 | 21.68 | |
| | -10.5 | -11 | 63.40 | 19.94 | 63.40 | 20.52 | 63.40 | 21.11 | 63.40 | 21.29 | 63.40 | 21.68 | 63.40 | 22.26 | |
| | -9.5 | -10 | 65.50 | 20.13 | 65.50 | 20.72 | 65.50 | 21.29 | 65.50 | 21.68 | 65.50 | 21.87 | 65.50 | 22.46 | |
| | -8.5 | -9.1 | 67.00 | 20.33 | 67.00 | 20.91 | 67.00 | 21.49 | 67.00 | 21.92 | 67.00 | 22.08 | 67.00 | 22.65 | |
| | -7 | -7.6 | 69.70 | 20.72 | 69.70 | 21.29 | 69.70 | 21.87 | 69.70 | 22.03 | 69.70 | 22.46 | 69.70 | 23.04 | |
| | -5 | -5.6 | 73.50 | 21.29 | 73.50 | 21.68 | 73.50 | 22.26 | 73.50 | 22.42 | 73.50 | 22.84 | 73.50 | 23.23 | |
| | -3 | -3.7 | 77.00 | 21.68 | 77.00 | 22.08 | 77.00 | 22.65 | 77.00 | 22.82 | 77.00 | 23.04 | 77.00 | 23.61 | |
| | 0 | -0.7 | 82.60 | 22.26 | 82.60 | 22.65 | 82.60 | 23.04 | 82.60 | 23.42 | 82.60 | 23.61 | 82.70 | 24.01 | |
| | 3 | 2.2 | 87.90 | 22.65 | 87.90 | 23.04 | 87.90 | 23.61 | 87.90 | 23.82 | 87.90 | 24.01 | 82.90 | 22.46 | |
| | 5 | 4.1 | 91.40 | 22.84 | 91.40 | 23.43 | 91.40 | 23.82 | 91.40 | 24.01 | 90.20 | 23.23 | 82.90 | 21.49 | |
| | 8.3 | 6.1 | 95.00 | 23.23 | 95.00 | 23.61 | 95.00 | 24.60 | 92.00 | 23.04 | 88.90 | 22.26 | 82.90 | 20.52 | |
| | 9 | 7.9 | 98.40 | 23.43 | 98.40 | 23.82 | 95.00 | 23.04 | 92.00 | 22.26 | 88.90 | 21.29 | 82.90 | 19.76 | |
| | 11 | 9.8 | 101.90 | 23.61 | 101.10 | 23.82 | 95.00 | 22.08 | 92.00 | 21.29 | 88.90 | 20.52 | 82.90 | 18.99 | |
| | 13 | 11.8 | 104.78 | 23.82 | 101.10 | 22.84 | 95.00 | 21.29 | 92.00 | 20.52 | 88.90 | 19.76 | 82.90 | 18.28 | |
| | 15 | 13.7 | 107.10 | 23.43 | 101.10 | 22.08 | 95.00 | 20.52 | 92.00 | 19.76 | 88.90 | 19.05 | 82.90 | 17.64 | |
| | 19 | 14.2 | 107.10 | 22.81 | 101.10 | 21.31 | 95.00 | 20.01 | 92.00 | 18.93 | 88.90 | 18.32 | 82.90 | 17.17 | |
| | 21 | 15 | 107.10 | 22.08 | 101.10 | 20.39 | 95.00 | 19.26 | 92.00 | 18.64 | 88.90 | 17.77 | 82.90 | 16.78 | |
| 90 | -14.7 | -15 | 56.10 | 19.76 | 56.10 | 20.33 | 56.10 | 20.91 | 56.10 | 21.29 | 56.10 | 21.49 | 56.10 | 22.08 | |
| | -12.6 | -13 | 59.60 | 20.33 | 59.60 | 20.91 | 59.60 | 21.49 | 59.60 | 21.68 | 59.60 | 22.08 | 59.60 | 22.65 | |
| | -10.5 | -11 | 63.40 | 20.91 | 63.40 | 21.49 | 63.40 | 22.08 | 63.40 | 22.26 | 63.40 | 22.46 | 63.40 | 23.04 | |
| | -9.5 | -10 | 65.50 | 21.11 | 65.50 | 21.68 | 65.50 | 22.26 | 65.50 | 22.46 | 65.50 | 22.65 | 65.50 | 23.23 | |
| | -8.5 | -9.1 | 67.00 | 21.29 | 67.00 | 21.87 | 67.00 | 22.46 | 67.00 | 22.65 | 67.00 | 22.84 | 67.00 | 23.43 | |
| | -7 | -7.6 | 69.70 | 21.68 | 69.70 | 22.26 | 69.70 | 22.65 | 69.70 | 23.04 | 69.70 | 23.23 | 69.70 | 23.61 | |
| | -5 | -5.6 | 73.50 | 22.08 | 73.50 | 22.65 | 73.50 | 23.04 | 73.50 | 23.23 | 73.50 | 23.61 | 73.50 | 24.01 | |
| | -3 | -3.7 | 77.00 | 22.46 | 77.00 | 23.04 | 77.00 | 23.43 | 77.00 | 23.61 | 77.00 | 23.82 | 74.40 | 23.04 | |
| | 0 | -0.7 | 82.60 | 23.04 | 82.60 | 23.43 | 82.60 | 23.82 | 82.50 | 24.01 | 79.90 | 23.04 | 74.40 | 21.29 | |
| | 3 | 2.2 | 87.90 | 23.43 | 87.90 | 23.82 | 85.60 | 23.23 | 82.60 | 22.46 | 79.90 | 21.49 | 74.40 | 19.94 | |
| | 5 | 4.1 | 91.40 | 23.61 | 91.00 | 23.82 | 85.60 | 22.26 | 82.60 | 21.49 | 79.90 | 20.52 | 74.40 | 19.05 | |
| | 8.3 | 6.1 | 95.00 | 23.82 | 91.00 | 22.84 | 85.60 | 21.29 | 82.60 | 20.52 | 79.90 | 19.76 | 74.40 | 18.30 | |
| | 9 | 7.9 | 96.60 | 23.43 | 91.00 | 21.87 | 85.60 | 20.52 | 82.60 | 19.76 | 79.90 | 19.01 | 74.40 | 17.60 | |
| | 11 | 9.8 | 96.60 | 22.46 | 91.00 | 21.11 | 85.60 | 19.76 | 82.60 | 18.97 | 79.90 | 18.30 | 74.40 | 16.96 | |
| | 13 | 11.8 | 96.60 | 21.68 | 91.00 | 20.33 | 85.60 | 18.91 | 82.60 | 18.26 | 79.90 | 17.62 | 74.40 | 16.35 | |
| | 15 | 13.7 | 96.60 | 20.91 | 91.00 | 19.55 | 85.60 | 18.26 | 82.60 | 17.64 | 79.90 | 17.02 | 74.40 | 15.78 | |
| | 19 | 14.2 | 96.60 | 20.39 | 91.00 | 19.00 | 85.60 | 17.68 | 82.60 | 17.11 | 79.90 | 16.41 | 74.40 | 15.21 | |
| | 21 | 15 | 96.60 | 19.65 | 91.00 | 18.30 | 85.60 | 17.36 | 82.60 | 16.55 | 79.90 | 15.83 | 74.40 | 14.59 | |
| 80 | -14.7 | -15 | 56.10 | 20.91 | 56.10 | 21.49 | 56.10 | 22.08 | 56.10 | 22.26 | 56.10 | 22.46 | 56.10 | 23.04 | |
| | -12.6 | -13 | 59.60 | 21.49 | 59.60 | 21.87 | 59.60 | 22.46 | 59.60 | 22.65 | 59.60 | 23.04 | 59.60 | 23.43 | |
| | -10.5 | -11 | 63.40 | 21.87 | 63.40 | 22.46 | 63.40 | 22.84 | 63.40 | 23.23 | 63.40 | 23.43 | 63.40 | 23.82 | |
| | -9.5 | -10 | 65.50 | 22.26 | 65.50 | 22.65 | 65.50 | 23.04 | 65.50 | 23.43 | 65.50 | 23.61 | 65.50 | 24.01 | |
| | -8.5 | -9.1 | 67.00 | 22.46 | 67.00 | 22.84 | 67.00 | 23.23 | 67.00 | 23.61 | 67.00 | 23.82 | 66.10 | 23.61 | |
| | -7 | -7.6 | 69.70 | 22.65 | 69.70 | 23.04 | 69.70 | 23.61 | 69.70 | 23.82 | 69.70 | 24.01 | 66.10 | 22.46 | |
| | -5 | -5.6 | 73.50 | 23.04 | 73.50 | 23.43 | 73.50 | 23.82 | 73.40 | 24.01 | 71.10 | 23.04 | 66.10 | 21.29 | |
| | -3 | -3.7 | 77.00 | 23.43 | 77.00 | 23.82 | 76.00 | 23.61 | 73.40 | 22.65 | 71.10 | 21.87 | 66.10 | 20.13 | |
| | 0 | -0.7 | 82.60 | 23.82 | 80.80 | 23.43 | 76.00 | 21.87 | 73.40 | 21.11 | 71.10 | 20.13 | 66.10 | 18.71 | |
| | 3 | 2.2 | 85.80 | 23.23 | 80.80 | 21.87 | 76.00 | 20.33 | 73.40 | 19.55 | 71.10 | 18.89 | 66.10 | 17.50 | |
| | 5 | 4.1 | 85.80 | 22.26 | 80.80 | 20.91 | 76.00 | 19.55 | 73.40 | 18.78 | 71.10 | 18.10 | 66.10 | 16.78 | |
| | 8.3 | 6.1 | 85.80 | 21.29 | 80.80 | 19.94 | 76.00 | 18.69 | 73.40 | 18.05 | 71.10 | 17.40 | 66.10 | 16.14 | |
| | 9 | 7.9 | 85.80 | 20.52 | 80.80 | 19.23 | 76.00 | 17.96 | 73.40 | 17.35 | 71.10 | 16.74 | 66.10 | 15.54 | |
| | 11 | 9.8 | 85.80 | 19.76 | 80.80 | 18.50 | 76.00 | 17.31 | 73.40 | 16.73 | 71.10 | 16.14 | 66.10 | 14.99 | |
| | 13 | 11.8 | 85.80 | 18.99 | 80.80 | 17.81 | 76.00 | 16.67 | 73.40 | 16.10 | 71.10 | 15.54 | 66.10 | 14.46 | |
| | 15 | 13.7 | 85.80 | 18.34 | 80.80 | 17.04 | 76.00 | 16.10 | 73.40 | 15.56 | 71.10 | 15.04 | 66.10 | 14.00 | |
| | 19 | 14.2 | 85.80 | 17.70 | 80.80 | 16.74 | 76.00 | 15.47 | 73.40 | 14.99 | 71.10 | 14.40 | 66.10 | 13.65 | |
| | 21 | 15 | 85.80 | 17.20 | 80.80 | 16.01 | 76.00 | 15.05 | 73.40 | 14.51 | 71.10 | 13.91 | 66.10 | 12.93 | |

Capacity table

To be continued

Continued

| | | YCV850HR | | | | | | | | Heating Capacity | | | | | | | |
|---------------------|---------------|----------------------|-------|-------|-------|-------|-------|-------|-------|------------------|-------|-------|-------|-------|-------|-------|-------|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | TC | | PI | |
| | | °C DB | °C WB | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | TC | kW | TC | kW |
| 70 | -14.7 | -15 | 56.10 | 22.08 | 56.10 | 22.65 | 56.10 | 23.04 | 56.10 | 23.23 | 56.10 | 23.43 | 56.10 | 24.01 | 56.10 | 24.01 | 24.01 |
| | -12.6 | -13 | 59.60 | 22.65 | 59.60 | 23.04 | 59.60 | 23.43 | 59.60 | 23.61 | 59.60 | 24.01 | 59.60 | 23.04 | 57.90 | 57.90 | 23.04 |
| | -10.5 | -11 | 63.40 | 23.04 | 63.40 | 23.43 | 63.40 | 23.82 | 63.40 | 24.01 | 62.20 | 23.23 | 57.90 | 21.49 | 57.90 | 21.49 | |
| | -9.5 | -10 | 65.50 | 23.23 | 65.50 | 23.61 | 65.50 | 24.01 | 64.30 | 23.43 | 62.20 | 22.46 | 57.90 | 20.72 | 57.90 | 20.72 | |
| | -8.5 | -9.1 | 67.00 | 23.43 | 67.00 | 23.82 | 66.60 | 23.61 | 64.30 | 22.84 | 62.20 | 21.87 | 57.90 | 20.33 | 57.90 | 20.33 | |
| | -7 | -7.6 | 69.70 | 23.61 | 69.70 | 24.01 | 66.60 | 22.65 | 64.30 | 21.68 | 62.20 | 20.91 | 57.90 | 19.36 | 57.90 | 19.36 | |
| | -5 | -5.6 | 73.50 | 24.01 | 70.70 | 22.84 | 66.60 | 21.29 | 64.30 | 20.52 | 62.20 | 19.76 | 57.90 | 18.34 | 57.90 | 18.34 | |
| | -3 | -3.7 | 75.00 | 23.23 | 70.70 | 21.68 | 66.60 | 20.33 | 64.30 | 19.55 | 62.20 | 18.83 | 57.90 | 17.44 | 57.90 | 17.44 | |
| | 0 | -0.7 | 75.00 | 21.49 | 70.70 | 20.13 | 66.60 | 18.80 | 64.30 | 18.14 | 62.20 | 17.48 | 57.90 | 16.22 | 57.90 | 16.22 | |
| | 3 | 2.2 | 75.00 | 20.13 | 70.70 | 18.80 | 66.60 | 17.56 | 64.30 | 16.96 | 62.20 | 16.39 | 57.90 | 15.20 | 57.90 | 15.20 | |
| | 5 | 4.1 | 75.00 | 19.21 | 70.70 | 18.03 | 66.60 | 16.87 | 64.30 | 16.28 | 62.20 | 15.73 | 57.90 | 14.62 | 57.90 | 14.62 | |
| | 8.3 | 6.1 | 75.00 | 18.42 | 70.70 | 17.31 | 66.60 | 16.20 | 64.30 | 15.66 | 62.20 | 15.11 | 57.90 | 14.07 | 57.90 | 14.07 | |
| | 9 | 7.9 | 75.00 | 17.74 | 70.70 | 16.65 | 66.60 | 15.60 | 64.30 | 15.07 | 62.20 | 14.58 | 57.90 | 13.58 | 57.90 | 13.58 | |
| | 11 | 9.8 | 75.00 | 17.07 | 70.70 | 16.05 | 66.60 | 15.05 | 64.30 | 14.55 | 62.20 | 13.96 | 57.90 | 13.11 | 57.90 | 13.11 | |
| | 13 | 11.8 | 75.00 | 16.45 | 70.70 | 15.47 | 66.60 | 14.52 | 64.30 | 14.06 | 62.20 | 13.58 | 57.90 | 12.66 | 57.90 | 12.66 | |
| | 15 | 13.7 | 75.00 | 15.90 | 70.70 | 14.97 | 66.60 | 14.06 | 64.30 | 13.59 | 62.20 | 13.14 | 57.90 | 12.27 | 57.90 | 12.27 | |
| | 19 | 14.2 | 75.00 | 15.09 | 70.70 | 14.55 | 66.60 | 13.66 | 64.30 | 12.96 | 62.20 | 12.40 | 57.90 | 11.76 | 57.90 | 11.76 | |
| | 21 | 15 | 75.00 | 14.55 | 70.70 | 13.84 | 66.60 | 13.05 | 64.30 | 12.36 | 62.20 | 11.78 | 57.90 | 11.13 | 57.90 | 11.13 | |
| 60 | -14.7 | -15 | 56.10 | 23.23 | 56.10 | 23.61 | 56.10 | 24.01 | 55.10 | 23.23 | 53.40 | 22.46 | 49.60 | 20.72 | 49.60 | 20.72 | |
| | -12.6 | -13 | 59.60 | 23.61 | 59.60 | 24.01 | 57.00 | 22.46 | 55.10 | 21.68 | 53.40 | 20.91 | 49.60 | 19.32 | 49.60 | 19.32 | |
| | -10.5 | -11 | 63.40 | 24.01 | 60.50 | 22.65 | 57.00 | 21.11 | 55.10 | 20.33 | 53.40 | 19.55 | 49.60 | 18.12 | 49.60 | 18.12 | |
| | -9.5 | -10 | 64.30 | 23.43 | 60.50 | 21.87 | 57.00 | 20.52 | 55.10 | 19.76 | 53.40 | 18.99 | 49.60 | 17.58 | 49.60 | 17.58 | |
| | -8.5 | -9.1 | 64.30 | 22.84 | 60.50 | 21.29 | 57.00 | 19.94 | 55.10 | 19.19 | 53.40 | 18.48 | 49.60 | 17.13 | 49.60 | 17.13 | |
| | -7 | -7.6 | 64.30 | 21.68 | 60.50 | 20.33 | 57.00 | 19.03 | 55.10 | 18.35 | 53.40 | 17.72 | 49.60 | 16.42 | 49.60 | 16.42 | |
| | -5 | -5.6 | 64.30 | 20.52 | 60.50 | 19.27 | 57.00 | 18.01 | 55.10 | 17.38 | 53.40 | 16.76 | 49.60 | 15.56 | 49.60 | 15.56 | |
| | -3 | -3.7 | 64.30 | 19.55 | 60.50 | 18.32 | 57.00 | 17.13 | 55.10 | 16.55 | 53.40 | 15.97 | 49.60 | 14.85 | 49.60 | 14.85 | |
| | 0 | -0.7 | 64.30 | 18.12 | 60.50 | 17.02 | 57.00 | 15.94 | 55.10 | 15.41 | 53.40 | 14.89 | 49.60 | 13.84 | 49.60 | 13.84 | |
| | 3 | 2.2 | 64.30 | 16.96 | 60.50 | 15.94 | 57.00 | 14.95 | 55.10 | 14.46 | 53.40 | 13.98 | 49.60 | 13.03 | 49.60 | 13.03 | |
| | 5 | 4.1 | 64.30 | 16.28 | 60.50 | 15.32 | 57.00 | 14.37 | 55.10 | 13.90 | 53.40 | 13.44 | 49.60 | 12.53 | 49.60 | 12.53 | |
| | 8.3 | 6.1 | 64.30 | 15.64 | 60.50 | 14.73 | 57.00 | 13.84 | 55.10 | 13.39 | 53.40 | 12.96 | 49.60 | 12.08 | 49.60 | 12.08 | |
| | 9 | 7.9 | 64.30 | 15.07 | 60.50 | 14.21 | 57.00 | 13.34 | 55.10 | 12.94 | 53.40 | 12.51 | 49.60 | 11.67 | 49.60 | 11.67 | |
| | 11 | 9.8 | 64.30 | 14.55 | 60.50 | 13.70 | 57.00 | 12.90 | 55.10 | 12.49 | 53.40 | 12.08 | 49.60 | 11.31 | 49.60 | 11.31 | |
| | 13 | 11.8 | 64.30 | 14.04 | 60.50 | 13.24 | 57.00 | 12.45 | 55.10 | 12.06 | 53.40 | 11.68 | 49.60 | 10.94 | 49.60 | 10.94 | |
| | 15 | 13.7 | 64.30 | 13.59 | 60.50 | 12.81 | 57.00 | 12.06 | 55.10 | 11.68 | 53.40 | 11.33 | 49.60 | 10.62 | 49.60 | 10.62 | |
| | 19 | 14.2 | 64.30 | 13.20 | 60.50 | 12.19 | 57.00 | 11.69 | 55.10 | 11.33 | 53.40 | 10.90 | 49.60 | 10.15 | 49.60 | 10.15 | |
| | 21 | 15 | 64.30 | 12.65 | 60.50 | 11.85 | 57.00 | 11.20 | 55.10 | 10.96 | 53.40 | 10.55 | 49.60 | 9.76 | 49.60 | 9.76 | |
| 50 | -14.7 | -15 | 53.50 | 22.46 | 50.40 | 21.11 | 47.50 | 19.76 | 45.90 | 19.01 | 44.40 | 18.32 | 41.30 | 16.98 | 41.30 | 16.98 | |
| | -12.6 | -13 | 53.50 | 21.11 | 50.40 | 19.76 | 47.50 | 18.39 | 45.90 | 17.77 | 44.40 | 17.13 | 41.30 | 15.90 | 41.30 | 15.90 | |
| | -10.5 | -11 | 53.50 | 19.76 | 50.40 | 18.46 | 47.50 | 17.27 | 45.90 | 16.69 | 44.40 | 16.10 | 41.30 | 14.97 | 41.30 | 14.97 | |
| | -9.5 | -10 | 53.50 | 19.09 | 50.40 | 17.90 | 47.50 | 16.76 | 45.90 | 16.20 | 44.40 | 15.64 | 41.30 | 14.53 | 41.30 | 14.53 | |
| | -8.5 | -9.1 | 53.50 | 18.59 | 50.40 | 17.44 | 47.50 | 16.35 | 45.90 | 15.78 | 44.40 | 15.24 | 41.30 | 14.17 | 41.30 | 14.17 | |
| | -7 | -7.6 | 53.50 | 17.81 | 50.40 | 16.73 | 47.50 | 15.66 | 45.90 | 15.13 | 44.40 | 14.64 | 41.30 | 13.63 | 41.30 | 13.63 | |
| | -5 | -5.6 | 53.50 | 16.87 | 50.40 | 15.86 | 47.50 | 14.87 | 45.90 | 14.38 | 44.40 | 13.90 | 41.30 | 12.96 | 41.30 | 12.96 | |
| | -3 | -3.7 | 53.50 | 16.06 | 50.40 | 15.11 | 47.50 | 14.19 | 45.90 | 13.72 | 44.40 | 13.28 | 41.30 | 12.39 | 41.30 | 12.39 | |
| | 0 | -0.7 | 53.50 | 14.97 | 50.40 | 14.09 | 47.50 | 13.24 | 45.90 | 12.83 | 44.40 | 12.41 | 41.30 | 11.60 | 41.30 | 11.60 | |
| | 3 | 2.2 | 53.50 | 14.04 | 50.40 | 13.24 | 47.50 | 12.47 | 45.90 | 12.08 | 44.40 | 11.68 | 41.30 | 10.94 | 41.30 | 10.94 | |
| | 5 | 4.1 | 53.50 | 13.52 | 50.40 | 12.75 | 47.50 | 12.01 | 45.90 | 11.64 | 44.40 | 11.23 | 41.30 | 10.55 | 41.30 | 10.55 | |
| | 8.3 | 6.1 | 53.50 | 13.02 | 50.40 | 12.30 | 47.50 | 11.58 | 45.90 | 11.23 | 44.40 | 10.88 | 41.30 | 10.21 | 41.30 | 10.21 | |
| | 9 | 7.9 | 53.50 | 12.57 | 50.40 | 11.87 | 47.50 | 11.20 | 45.90 | 10.86 | 44.40 | 10.53 | 41.30 | 9.87 | 41.30 | 9.87 | |
| | 11 | 9.8 | 53.50 | 12.14 | 50.40 | 11.48 | 47.50 | 10.84 | 45.90 | 10.51 | 44.40 | 10.21 | 41.30 | 9.57 | 41.30 | 9.57 | |
| | 13 | 11.8 | 53.50 | 11.75 | 50.40 | 11.11 | 47.50 | 10.49 | 45.90 | 10.19 | 44.40 | 9.87 | 41.30 | 9.28 | 41.30 | 9.28 | |
| | 15 | 13.7 | 53.50 | 11.38 | 50.40 | 10.78 | 47.50 | 10.19 | 45.90 | 9.89 | 44.40 | 9.59 | 41.30 | 9.02 | 41.30 | 9.02 | |
| | 19 | 14.2 | 53.50 | 11.03 | 50.40 | 10.35 | 47.50 | 9.82 | 45.90 | 9.45 | 44.40 | 9.26 | 41.30 | 8.63 | 41.30 | 8.63 | |
| | 21 | 15 | 53.50 | 10.30 | 50.40 | 10.07 | 47.50 | 9.57 | 45.90 | 9.05 | 44.40 | 8.89 | 41.30 | 8.28 | 41.30 | 8.28 | |

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

| | | YCV900HR | | | | | | | | Heating Capacity | | | | | | | | | | |
|---------------------|---------------|----------------------|--------|-------|--------|-------|--------|-------|--------|------------------|--------|-------|--------|-------|----|----|----|----|----|--|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | |
| °C DB | °C WB | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | |
| 130 | -14.7 | -15 | 58.60 | 15.94 | 58.60 | 16.90 | 58.60 | 17.82 | 58.60 | 18.30 | 58.60 | 18.78 | 58.60 | 19.72 | | | | | | |
| | -12.6 | -13 | 62.40 | 16.94 | 62.40 | 17.82 | 62.40 | 18.72 | 62.40 | 19.14 | 62.40 | 19.60 | 62.40 | 20.48 | | | | | | |
| | -10.5 | -11 | 66.40 | 17.80 | 66.40 | 18.66 | 66.40 | 19.48 | 66.40 | 19.90 | 66.40 | 20.32 | 66.40 | 21.10 | | | | | | |
| | -9.5 | -10 | 68.60 | 18.22 | 68.60 | 19.02 | 68.60 | 19.82 | 68.60 | 20.24 | 68.60 | 20.66 | 68.60 | 21.50 | | | | | | |
| | -8.5 | -9.1 | 70.20 | 18.54 | 70.20 | 19.36 | 70.20 | 20.14 | 70.20 | 20.54 | 70.20 | 20.88 | 70.20 | 21.72 | | | | | | |
| | -7 | -7.6 | 73.00 | 19.08 | 73.00 | 19.86 | 73.00 | 20.62 | 73.00 | 21.10 | 73.00 | 21.30 | 73.00 | 22.12 | | | | | | |
| | -5 | -5.6 | 77.00 | 19.72 | 77.00 | 20.44 | 77.00 | 21.10 | 77.00 | 21.50 | 77.00 | 21.92 | 77.00 | 22.54 | | | | | | |
| | -3 | -3.7 | 80.80 | 20.30 | 80.80 | 20.88 | 80.80 | 21.72 | 80.80 | 22.12 | 80.80 | 22.34 | 80.80 | 23.16 | | | | | | |
| | 0 | -0.7 | 86.80 | 21.10 | 86.80 | 21.72 | 86.80 | 22.34 | 86.80 | 22.74 | 86.80 | 22.96 | 86.80 | 23.58 | | | | | | |
| | 3 | 2.2 | 92.40 | 21.72 | 92.40 | 22.34 | 92.40 | 22.96 | 92.40 | 23.16 | 92.40 | 23.58 | 92.40 | 24.20 | | | | | | |
| | 5 | 4.1 | 96.20 | 22.12 | 96.20 | 22.74 | 96.20 | 23.36 | 96.20 | 23.58 | 96.20 | 23.98 | 96.20 | 24.40 | | | | | | |
| | 8.3 | 6.1 | 100.00 | 22.54 | 100.00 | 23.16 | 100.00 | 23.58 | 100.00 | 23.98 | 100.00 | 24.20 | 100.00 | 24.82 | | | | | | |
| | 9 | 7.9 | 103.60 | 22.74 | 103.60 | 23.36 | 103.60 | 23.98 | 103.60 | 24.20 | 103.60 | 24.40 | 103.60 | 25.02 | | | | | | |
| | 11 | 9.8 | 107.40 | 23.16 | 107.40 | 23.58 | 107.40 | 24.20 | 107.40 | 24.40 | 107.40 | 24.82 | 107.40 | 25.22 | | | | | | |
| | 13 | 11.8 | 111.56 | 23.36 | 111.56 | 23.98 | 111.56 | 24.40 | 111.56 | 24.82 | 111.56 | 25.02 | 111.56 | 25.44 | | | | | | |
| | 15 | 13.7 | 115.20 | 23.78 | 115.00 | 24.20 | 115.00 | 24.60 | 115.00 | 25.02 | 115.00 | 25.22 | 115.00 | 25.44 | | | | | | |
| | 19 | 14.2 | 115.20 | 24.00 | 115.00 | 24.44 | 115.00 | 24.84 | 115.00 | 25.24 | 115.00 | 25.46 | 115.00 | 25.72 | | | | | | |
| | 21 | 15 | 115.20 | 24.18 | 115.00 | 24.68 | 115.00 | 25.08 | 115.00 | 25.38 | 115.00 | 25.66 | 115.00 | 25.96 | | | | | | |
| 120 | -14.7 | -15 | 58.60 | 17.22 | 58.60 | 18.10 | 58.60 | 18.96 | 58.60 | 19.40 | 58.60 | 19.82 | 58.60 | 20.68 | | | | | | |
| | -12.6 | -13 | 62.40 | 18.14 | 62.40 | 18.94 | 62.40 | 19.76 | 62.40 | 20.18 | 62.40 | 20.60 | 62.40 | 21.50 | | | | | | |
| | -10.5 | -11 | 66.40 | 18.94 | 66.40 | 19.70 | 66.40 | 20.48 | 66.40 | 20.88 | 66.40 | 21.30 | 66.40 | 22.12 | | | | | | |
| | -9.5 | -10 | 68.60 | 19.32 | 68.60 | 20.06 | 68.60 | 20.88 | 68.60 | 21.10 | 68.60 | 21.50 | 68.60 | 22.34 | | | | | | |
| | -8.5 | -9.1 | 70.20 | 19.62 | 70.20 | 20.34 | 70.20 | 21.10 | 70.20 | 21.50 | 70.20 | 21.92 | 70.20 | 22.54 | | | | | | |
| | -7 | -7.6 | 73.00 | 20.12 | 73.00 | 20.88 | 73.00 | 21.50 | 73.00 | 21.92 | 73.00 | 22.20 | 73.00 | 22.96 | | | | | | |
| | -5 | -5.6 | 77.00 | 20.68 | 77.00 | 21.30 | 77.00 | 22.12 | 77.00 | 22.34 | 77.00 | 22.80 | 77.00 | 23.36 | | | | | | |
| | -3 | -3.7 | 80.80 | 21.30 | 80.80 | 21.92 | 80.80 | 22.54 | 80.80 | 22.74 | 80.80 | 23.20 | 80.80 | 23.78 | | | | | | |
| | 0 | -0.7 | 86.80 | 21.92 | 86.80 | 22.54 | 86.80 | 23.16 | 86.80 | 23.36 | 86.80 | 23.78 | 86.80 | 24.40 | | | | | | |
| | 3 | 2.2 | 92.40 | 22.54 | 92.40 | 23.16 | 92.40 | 23.78 | 92.40 | 24.20 | 92.40 | 24.60 | 92.40 | 25.22 | | | | | | |
| | 5 | 4.1 | 96.20 | 22.96 | 96.20 | 23.36 | 96.20 | 23.98 | 96.20 | 24.20 | 96.20 | 24.60 | 96.20 | 25.02 | | | | | | |
| | 8.3 | 6.1 | 100.00 | 23.16 | 100.00 | 23.78 | 100.00 | 24.40 | 100.00 | 24.60 | 100.00 | 24.82 | 100.00 | 25.44 | | | | | | |
| | 9 | 7.9 | 103.60 | 23.58 | 103.60 | 23.98 | 103.60 | 24.60 | 103.60 | 24.82 | 103.60 | 25.02 | 103.60 | 25.64 | | | | | | |
| | 11 | 9.8 | 107.40 | 23.78 | 107.40 | 24.40 | 107.40 | 24.82 | 107.40 | 25.02 | 107.40 | 25.22 | 107.40 | 25.82 | | | | | | |
| | 13 | 11.8 | 111.56 | 24.20 | 111.56 | 24.60 | 111.56 | 25.02 | 111.56 | 25.22 | 111.56 | 25.64 | 111.56 | 26.26 | | | | | | |
| | 15 | 13.7 | 115.00 | 24.40 | 115.00 | 24.82 | 115.00 | 25.22 | 115.00 | 25.44 | 115.00 | 25.82 | 115.00 | 26.26 | | | | | | |
| | 19 | 14.2 | 115.00 | 24.60 | 115.00 | 25.02 | 115.00 | 25.26 | 115.00 | 25.50 | 115.00 | 25.82 | 115.00 | 26.26 | | | | | | |
| | 21 | 15 | 115.00 | 24.86 | 115.00 | 25.22 | 115.00 | 25.40 | 115.00 | 25.00 | 115.00 | 23.84 | 115.00 | 24.60 | | | | | | |
| 110 | -14.7 | -15 | 58.60 | 18.48 | 58.60 | 19.30 | 58.60 | 20.06 | 58.60 | 20.48 | 58.60 | 20.88 | 58.60 | 21.72 | | | | | | |
| | -12.6 | -13 | 62.40 | 19.34 | 62.40 | 20.08 | 62.40 | 20.88 | 62.40 | 21.30 | 62.40 | 21.50 | 62.40 | 22.34 | | | | | | |
| | -10.5 | -11 | 66.40 | 20.06 | 66.40 | 20.68 | 66.40 | 21.50 | 66.40 | 21.92 | 66.40 | 22.12 | 66.40 | 22.96 | | | | | | |
| | -9.5 | -10 | 68.60 | 20.40 | 68.60 | 21.10 | 68.60 | 21.72 | 68.60 | 22.20 | 68.60 | 22.54 | 68.60 | 23.16 | | | | | | |
| | -8.5 | -9.1 | 70.20 | 20.68 | 70.20 | 21.30 | 70.20 | 22.12 | 70.20 | 22.40 | 70.20 | 22.74 | 70.20 | 23.36 | | | | | | |
| | -7 | -7.6 | 73.00 | 21.10 | 73.00 | 21.72 | 73.00 | 22.34 | 73.00 | 22.80 | 73.00 | 23.16 | 73.00 | 23.78 | | | | | | |
| | -5 | -5.6 | 77.00 | 21.72 | 77.00 | 22.34 | 77.00 | 22.96 | 77.00 | 23.20 | 77.00 | 23.58 | 77.00 | 24.20 | | | | | | |
| | -3 | -3.7 | 80.80 | 22.12 | 80.80 | 22.74 | 80.80 | 23.36 | 80.80 | 23.60 | 80.80 | 23.98 | 80.80 | 24.40 | | | | | | |
| | 0 | -0.7 | 86.80 | 22.74 | 86.80 | 23.36 | 86.80 | 23.98 | 86.80 | 24.20 | 86.80 | 24.60 | 86.80 | 25.02 | | | | | | |
| | 3 | 2.2 | 92.40 | 23.36 | 92.40 | 23.98 | 92.40 | 24.40 | 92.40 | 24.60 | 92.40 | 25.02 | 92.40 | 25.44 | | | | | | |
| | 5 | 4.1 | 96.20 | 23.78 | 96.20 | 24.20 | 96.20 | 24.60 | 96.20 | 25.02 | 96.20 | 25.22 | 96.20 | 25.60 | | | | | | |
| | 8.3 | 6.1 | 100.00 | 23.98 | 100.00 | 24.40 | 100.00 | 25.02 | 100.00 | 25.22 | 100.00 | 25.44 | 100.00 | 25.82 | | | | | | |
| | 9 | 7.9 | 103.60 | 24.40 | 103.60 | 24.82 | 103.60 | 25.22 | 103.60 | 25.44 | 103.60 | 25.82 | 103.60 | 26.26 | | | | | | |
| | 11 | 9.8 | 107.40 | 24.60 | 107.40 | 25.02 | 107.40 | 25.44 | 107.40 | 25.82 | 107.40 | 26.26 | 107.40 | 26.64 | | | | | | |
| | 13 | 11.8 | 111.56 | 24.82 | 111.56 | 25.22 | 111.56 | 25.50 | 111.56 | 25.82 | 111.56 | 26.26 | 111.56 | 26.64 | | | | | | |
| | 15 | 13.7 | 115.20 | 25.02 | 115.20 | 25.44 | 115.20 | 25.82 | 115.20 | 26.26 | 115.20 | 26.64 | 115.20 | 27.02 | | | | | | |
| | 19 | 14.2 | 115.20 | 23.38 | 115.20 | 25.20 | 115.20 | 24.46 | 115.20 | 22.34 | 115.20 | 21.94 | 115.20 | 21.18 | | | | | | |
| | 21 | 15 | 115.20 | 23.58 | 115.20 | 24.46 | 115.20 | 22.34 | 115.20 | 21.94 | 115.20 | 21.18 | 115.20 | 20.90 | | | | | | |

To be continued

Continued

| Capacity Factor (%) | | Outdoor Temp. | | Heating Capacity | | | | | | | | | | | |
|---------------------|-------|---------------|--------|----------------------|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|----|
| | | | | Indoor Temp. (°C DB) | | | | | | | | | | | |
| | | | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| 100 | °C DB | °C WB | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| | -14.7 | -15 | 58.60 | 19.76 | 58.60 | 20.50 | 58.60 | 21.30 | 58.60 | 21.50 | 58.60 | 21.92 | 58.60 | 22.74 | |
| | -12.6 | -13 | 62.40 | 20.54 | 62.40 | 21.30 | 62.40 | 21.92 | 62.40 | 22.12 | 62.40 | 22.54 | 62.40 | 23.16 | |
| | -10.5 | -11 | 66.40 | 21.30 | 66.40 | 21.92 | 66.40 | 22.54 | 66.40 | 22.74 | 66.40 | 23.16 | 66.40 | 23.78 | |
| | -9.5 | -10 | 68.60 | 21.50 | 68.60 | 22.12 | 68.60 | 22.74 | 68.60 | 23.16 | 68.60 | 23.36 | 68.60 | 23.98 | |
| | -8.5 | -9.1 | 70.20 | 21.72 | 70.20 | 22.34 | 70.20 | 22.96 | 70.20 | 23.36 | 70.20 | 23.58 | 70.20 | 24.20 | |
| | -7 | -7.6 | 73.00 | 22.12 | 73.00 | 22.74 | 73.00 | 23.36 | 73.00 | 23.58 | 73.00 | 23.98 | 73.00 | 24.60 | |
| | -5 | -5.6 | 77.00 | 22.74 | 77.00 | 23.16 | 77.00 | 23.78 | 77.00 | 23.98 | 77.00 | 24.40 | 77.00 | 24.82 | |
| | -3 | -3.7 | 80.80 | 23.16 | 80.80 | 23.58 | 80.80 | 24.20 | 80.80 | 24.40 | 80.80 | 24.60 | 80.80 | 25.22 | |
| | 0 | -0.7 | 86.80 | 23.78 | 86.80 | 24.20 | 86.80 | 24.60 | 86.80 | 25.02 | 86.80 | 25.22 | 86.80 | 25.64 | |
| | 3 | 2.2 | 92.40 | 24.20 | 92.40 | 24.60 | 92.40 | 25.22 | 92.40 | 25.44 | 92.40 | 25.64 | 92.40 | 23.98 | |
| | 5 | 4.1 | 96.20 | 24.40 | 96.20 | 25.02 | 96.20 | 25.44 | 96.20 | 25.64 | 96.20 | 24.82 | 96.20 | 22.96 | |
| | 8.3 | 6.1 | 100.00 | 24.82 | 100.00 | 25.22 | 100.00 | 27.00 | 96.80 | 24.60 | 93.60 | 23.78 | 87.20 | 21.92 | |
| | 9 | 7.9 | 103.60 | 25.02 | 103.60 | 25.44 | 100.00 | 24.60 | 96.80 | 23.78 | 93.60 | 22.74 | 87.20 | 21.10 | |
| | 11 | 9.8 | 107.40 | 25.22 | 106.40 | 25.44 | 100.00 | 23.58 | 96.80 | 22.74 | 93.60 | 21.92 | 87.20 | 20.28 | |
| | 13 | 11.8 | 111.56 | 25.44 | 106.40 | 24.40 | 100.00 | 22.74 | 96.80 | 21.92 | 93.60 | 21.10 | 87.20 | 19.52 | |
| | 15 | 13.7 | 112.80 | 25.02 | 106.40 | 23.58 | 100.00 | 21.92 | 96.80 | 21.10 | 93.60 | 20.34 | 87.20 | 18.84 | |
| | 19 | 14.2 | 112.80 | 24.36 | 106.40 | 22.76 | 100.00 | 21.38 | 96.80 | 20.22 | 93.60 | 19.56 | 87.20 | 18.34 | |
| | 21 | 15 | 112.80 | 23.58 | 106.40 | 21.78 | 100.00 | 20.56 | 96.80 | 19.90 | 93.60 | 18.98 | 87.20 | 17.92 | |
| 90 | -14.7 | -15 | 58.60 | 21.10 | 58.60 | 21.72 | 58.60 | 22.34 | 58.60 | 22.74 | 58.60 | 22.96 | 58.60 | 23.58 | |
| | -12.6 | -13 | 62.40 | 21.72 | 62.40 | 22.34 | 62.40 | 22.96 | 62.40 | 23.16 | 62.40 | 23.58 | 62.40 | 24.20 | |
| | -10.5 | -11 | 66.40 | 22.34 | 66.40 | 22.96 | 66.40 | 23.58 | 66.40 | 23.78 | 66.40 | 23.98 | 66.40 | 24.60 | |
| | -9.5 | -10 | 68.60 | 22.54 | 68.60 | 23.16 | 68.60 | 23.78 | 68.60 | 23.98 | 68.60 | 24.20 | 68.60 | 24.82 | |
| | -8.5 | -9.1 | 70.20 | 22.74 | 70.20 | 23.36 | 70.20 | 23.98 | 70.20 | 24.20 | 70.20 | 24.40 | 70.20 | 25.02 | |
| | -7 | -7.6 | 73.00 | 23.16 | 73.00 | 23.78 | 73.00 | 24.20 | 73.00 | 24.60 | 73.00 | 24.82 | 73.00 | 25.22 | |
| | -5 | -5.6 | 77.00 | 23.58 | 77.00 | 24.20 | 77.00 | 24.60 | 77.00 | 24.82 | 77.00 | 25.22 | 77.00 | 25.64 | |
| | -3 | -3.7 | 80.80 | 23.98 | 80.80 | 24.60 | 80.80 | 25.02 | 80.80 | 25.22 | 80.80 | 25.44 | 80.80 | 24.60 | |
| | 0 | -0.7 | 86.80 | 24.60 | 86.80 | 25.02 | 86.80 | 25.44 | 86.80 | 25.64 | 84.20 | 24.60 | 78.40 | 22.74 | |
| | 3 | 2.2 | 92.40 | 25.02 | 92.40 | 25.44 | 90.00 | 24.82 | 87.00 | 23.98 | 84.20 | 22.96 | 78.40 | 21.30 | |
| | 5 | 4.1 | 96.20 | 25.22 | 95.60 | 25.44 | 90.00 | 23.78 | 87.00 | 22.96 | 84.20 | 21.92 | 78.40 | 20.34 | |
| | 8.3 | 6.1 | 100.00 | 25.44 | 95.60 | 24.40 | 90.00 | 22.74 | 87.00 | 21.92 | 84.20 | 21.10 | 78.40 | 19.54 | |
| | 9 | 7.9 | 101.60 | 25.02 | 95.60 | 23.36 | 90.00 | 21.92 | 87.00 | 21.10 | 84.20 | 20.26 | 78.40 | 18.80 | |
| | 11 | 9.8 | 101.60 | 23.98 | 95.60 | 22.54 | 90.00 | 21.10 | 87.00 | 20.26 | 84.20 | 19.54 | 78.40 | 18.12 | |
| | 13 | 11.8 | 101.60 | 23.16 | 95.60 | 21.72 | 90.00 | 20.20 | 87.00 | 19.50 | 84.20 | 18.82 | 78.40 | 17.46 | |
| | 15 | 13.7 | 101.60 | 22.34 | 95.60 | 20.88 | 90.00 | 19.50 | 87.00 | 18.84 | 84.20 | 18.18 | 78.40 | 16.86 | |
| | 19 | 14.2 | 101.60 | 21.78 | 95.60 | 20.30 | 90.00 | 18.88 | 87.00 | 18.28 | 84.20 | 17.52 | 78.40 | 16.24 | |
| | 21 | 15 | 101.60 | 20.98 | 95.60 | 19.54 | 90.00 | 18.54 | 87.00 | 17.68 | 84.20 | 16.90 | 78.40 | 15.58 | |
| 80 | -14.7 | -15 | 58.60 | 22.34 | 58.60 | 22.96 | 58.60 | 23.58 | 58.60 | 23.78 | 58.60 | 23.98 | 58.60 | 24.60 | |
| | -12.6 | -13 | 62.40 | 22.96 | 62.40 | 23.36 | 62.40 | 23.98 | 62.40 | 24.20 | 62.40 | 24.60 | 62.40 | 25.02 | |
| | -10.5 | -11 | 66.40 | 23.36 | 66.40 | 23.98 | 66.40 | 24.40 | 66.40 | 24.82 | 66.40 | 25.02 | 66.40 | 25.44 | |
| | -9.5 | -10 | 68.60 | 23.78 | 68.60 | 24.20 | 68.60 | 24.60 | 68.60 | 25.02 | 68.60 | 25.22 | 68.60 | 25.64 | |
| | -8.5 | -9.1 | 70.20 | 23.98 | 70.20 | 24.40 | 70.20 | 24.82 | 70.20 | 25.22 | 70.20 | 25.44 | 69.60 | 25.22 | |
| | -7 | -7.6 | 73.00 | 24.20 | 73.00 | 24.60 | 73.00 | 25.22 | 73.00 | 25.44 | 73.00 | 25.64 | 69.60 | 23.98 | |
| | -5 | -5.6 | 77.00 | 24.60 | 77.00 | 25.02 | 77.00 | 25.44 | 77.20 | 25.64 | 74.80 | 24.60 | 69.60 | 22.74 | |
| | -3 | -3.7 | 80.80 | 25.02 | 80.80 | 25.44 | 80.00 | 25.22 | 77.20 | 24.20 | 74.80 | 23.36 | 69.60 | 21.50 | |
| | 0 | -0.7 | 86.80 | 25.44 | 85.00 | 25.02 | 80.00 | 23.36 | 77.20 | 22.54 | 74.80 | 21.50 | 69.60 | 19.98 | |
| | 3 | 2.2 | 90.20 | 24.82 | 85.00 | 23.36 | 80.00 | 21.72 | 77.20 | 20.88 | 74.80 | 20.18 | 69.60 | 18.70 | |
| | 5 | 4.1 | 90.20 | 23.78 | 85.00 | 22.34 | 80.00 | 20.88 | 77.20 | 20.06 | 74.80 | 19.34 | 69.60 | 17.92 | |
| | 8.3 | 6.1 | 90.20 | 22.74 | 85.00 | 21.30 | 80.00 | 19.96 | 77.20 | 19.28 | 74.80 | 18.58 | 69.60 | 17.24 | |
| | 9 | 7.9 | 90.20 | 21.92 | 85.00 | 20.54 | 80.00 | 19.18 | 77.20 | 18.52 | 74.80 | 17.88 | 69.60 | 16.60 | |
| | 11 | 9.8 | 90.20 | 21.10 | 85.00 | 19.76 | 80.00 | 18.48 | 77.20 | 17.86 | 74.80 | 17.24 | 69.60 | 16.00 | |
| | 13 | 11.8 | 90.20 | 20.28 | 85.00 | 19.02 | 80.00 | 17.80 | 77.20 | 17.20 | 74.80 | 16.60 | 69.60 | 15.44 | |
| | 15 | 13.7 | 90.20 | 19.58 | 85.00 | 18.20 | 80.00 | 17.20 | 77.20 | 16.62 | 74.80 | 16.06 | 69.60 | 14.94 | |
| | 19 | 14.2 | 90.20 | 18.90 | 85.00 | 17.88 | 80.00 | 16.52 | 77.20 | 16.00 | 74.80 | 15.38 | 69.60 | 14.58 | |
| | 21 | 15 | 90.20 | 18.36 | 85.00 | 17.10 | 80.00 | 16.08 | 77.20 | 15.50 | 74.80 | 14.86 | 69.60 | 13.80 | |

To be continued

Continued

Capacity table

| | | YCV900HR | | | | | | | | Heating Capacity | | | | | | | | | | | |
|---------------------|---------------|----------------------|-------|-------|-------|-------|-------|-------|-------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | | | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | | |
| 70 | °C DB | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | |
| | -14.7 | -15 | 58.60 | 23.58 | 58.60 | 24.20 | 58.60 | 24.60 | 58.60 | 24.82 | 58.60 | 25.02 | 58.60 | 25.64 | 58.60 | 26.40 | 58.60 | 27.22 | 58.60 | 28.00 | |
| | -12.6 | -13 | 62.40 | 24.20 | 62.40 | 24.60 | 62.40 | 25.02 | 62.40 | 25.22 | 62.40 | 25.64 | 62.40 | 26.40 | 61.00 | 27.22 | 61.00 | 28.00 | 61.00 | 28.64 | |
| | -10.5 | -11 | 66.40 | 24.60 | 66.40 | 25.02 | 66.40 | 25.44 | 66.40 | 25.64 | 65.40 | 24.82 | 61.00 | 22.96 | 61.00 | 23.72 | 61.00 | 24.60 | 61.00 | 25.22 | 61.00 |
| | -9.5 | -10 | 68.60 | 24.82 | 68.60 | 25.22 | 68.60 | 25.64 | 67.60 | 25.02 | 65.40 | 23.98 | 61.00 | 22.12 | 61.00 | 22.96 | 61.00 | 23.72 | 61.00 | 24.60 | 61.00 |
| | -8.5 | -9.1 | 70.20 | 25.02 | 70.20 | 25.44 | 70.00 | 25.22 | 67.60 | 24.40 | 65.40 | 23.36 | 61.00 | 21.72 | 61.00 | 22.54 | 61.00 | 23.36 | 61.00 | 24.14 | 61.00 |
| | -7 | -7.6 | 73.00 | 25.22 | 73.00 | 25.64 | 70.00 | 24.20 | 67.60 | 23.16 | 65.40 | 22.34 | 61.00 | 20.68 | 61.00 | 21.12 | 61.00 | 22.34 | 61.00 | 23.12 | 61.00 |
| | -5 | -5.6 | 77.00 | 25.64 | 74.40 | 24.40 | 70.00 | 22.74 | 67.60 | 21.92 | 65.40 | 21.10 | 61.00 | 19.58 | 61.00 | 20.96 | 61.00 | 21.72 | 61.00 | 22.54 | 61.00 |
| | -3 | -3.7 | 78.80 | 24.82 | 74.40 | 23.16 | 70.00 | 21.72 | 67.60 | 20.88 | 65.40 | 20.12 | 61.00 | 18.64 | 61.00 | 19.42 | 61.00 | 20.12 | 61.00 | 20.90 | 61.00 |
| | 0 | -0.7 | 78.80 | 22.96 | 74.40 | 21.50 | 70.00 | 20.08 | 67.60 | 19.38 | 65.40 | 18.68 | 61.00 | 17.32 | 61.00 | 18.12 | 61.00 | 18.68 | 61.00 | 19.42 | 61.00 |
| | 3 | 2.2 | 78.80 | 21.50 | 74.40 | 20.08 | 70.00 | 18.76 | 67.60 | 18.12 | 65.40 | 17.50 | 61.00 | 16.24 | 61.00 | 17.06 | 61.00 | 17.50 | 61.00 | 18.36 | 61.00 |
| | 5 | 4.1 | 78.80 | 20.52 | 74.40 | 19.26 | 70.00 | 18.02 | 67.60 | 17.38 | 65.40 | 16.80 | 61.00 | 15.62 | 61.00 | 16.72 | 61.00 | 17.38 | 61.00 | 18.14 | 61.00 |
| | 8.3 | 6.1 | 78.80 | 19.68 | 74.40 | 18.48 | 70.00 | 17.30 | 67.60 | 16.72 | 65.40 | 16.14 | 61.00 | 15.04 | 61.00 | 16.54 | 61.00 | 17.30 | 61.00 | 18.06 | 61.00 |
| | 9 | 7.9 | 78.80 | 18.94 | 74.40 | 17.78 | 70.00 | 16.66 | 67.60 | 16.10 | 65.40 | 15.58 | 61.00 | 14.50 | 61.00 | 15.48 | 61.00 | 16.10 | 61.00 | 16.96 | 61.00 |
| | 11 | 9.8 | 78.80 | 18.24 | 74.40 | 17.14 | 70.00 | 16.08 | 67.60 | 15.54 | 65.40 | 14.90 | 61.00 | 14.00 | 61.00 | 15.40 | 61.00 | 16.08 | 61.00 | 16.96 | 61.00 |
| | 13 | 11.8 | 78.80 | 17.58 | 74.40 | 16.52 | 70.00 | 15.50 | 67.60 | 15.02 | 65.40 | 14.50 | 61.00 | 13.52 | 61.00 | 14.42 | 61.00 | 15.02 | 61.00 | 15.94 | 61.00 |
| | 15 | 13.7 | 78.80 | 16.98 | 74.40 | 15.98 | 70.00 | 15.02 | 67.60 | 14.52 | 65.40 | 14.04 | 61.00 | 13.10 | 61.00 | 14.36 | 61.00 | 14.04 | 61.00 | 14.92 | 61.00 |
| | 19 | 14.2 | 78.80 | 16.12 | 74.40 | 15.54 | 70.00 | 14.60 | 67.60 | 13.84 | 65.40 | 13.24 | 61.00 | 12.56 | 61.00 | 13.16 | 61.00 | 13.24 | 61.00 | 13.84 | 61.00 |
| | 21 | 15 | 78.80 | 15.54 | 74.40 | 14.78 | 70.00 | 13.94 | 67.60 | 13.20 | 65.40 | 12.58 | 61.00 | 11.88 | 61.00 | 12.50 | 61.00 | 12.58 | 61.00 | 13.16 | 61.00 |
| 60 | -14.7 | -15 | 58.60 | 24.82 | 58.60 | 25.22 | 58.60 | 25.64 | 58.00 | 24.82 | 56.20 | 23.98 | 52.20 | 22.12 | 52.20 | 23.36 | 52.20 | 24.24 | 52.20 | 25.08 | 52.20 |
| | -12.6 | -13 | 62.40 | 25.22 | 62.40 | 25.64 | 60.00 | 23.98 | 58.00 | 23.16 | 56.20 | 22.34 | 52.20 | 20.64 | 52.20 | 21.72 | 52.20 | 22.54 | 52.20 | 23.36 | 52.20 |
| | -10.5 | -11 | 66.40 | 25.64 | 63.60 | 24.20 | 60.00 | 22.54 | 58.00 | 21.72 | 56.20 | 20.88 | 52.20 | 19.36 | 52.20 | 20.28 | 52.20 | 21.16 | 52.20 | 21.94 | 52.20 |
| | -9.5 | -10 | 67.60 | 25.02 | 63.60 | 23.36 | 60.00 | 21.92 | 58.00 | 21.10 | 56.20 | 20.28 | 52.20 | 18.78 | 52.20 | 19.74 | 52.20 | 20.52 | 52.20 | 21.34 | 52.20 |
| | -8.5 | -9.1 | 67.60 | 24.40 | 63.60 | 22.74 | 60.00 | 21.30 | 58.00 | 20.50 | 56.20 | 19.74 | 52.20 | 18.30 | 52.20 | 19.22 | 52.20 | 20.00 | 52.20 | 20.78 | 52.20 |
| | -7 | -7.6 | 67.60 | 23.16 | 63.60 | 21.72 | 60.00 | 20.32 | 58.00 | 19.60 | 56.20 | 18.92 | 52.20 | 17.54 | 52.20 | 18.72 | 52.20 | 19.50 | 52.20 | 20.28 | 52.20 |
| | -5 | -5.6 | 67.60 | 21.92 | 63.60 | 20.58 | 60.00 | 19.24 | 58.00 | 18.56 | 56.20 | 17.90 | 52.20 | 16.62 | 52.20 | 17.64 | 52.20 | 18.42 | 52.20 | 19.20 | 52.20 |
| | -3 | -3.7 | 67.60 | 20.88 | 63.60 | 19.56 | 60.00 | 18.30 | 58.00 | 17.68 | 56.20 | 17.06 | 52.20 | 15.86 | 52.20 | 16.54 | 52.20 | 17.32 | 52.20 | 18.10 | 52.20 |
| | 0 | -0.7 | 67.60 | 19.36 | 63.60 | 18.18 | 60.00 | 17.02 | 58.00 | 16.46 | 56.20 | 15.90 | 52.20 | 14.78 | 52.20 | 15.56 | 52.20 | 16.34 | 52.20 | 17.12 | 52.20 |
| | 3 | 2.2 | 67.60 | 18.12 | 63.60 | 17.02 | 60.00 | 15.96 | 58.00 | 15.44 | 56.20 | 14.92 | 52.20 | 13.92 | 52.20 | 14.36 | 52.20 | 15.14 | 52.20 | 15.90 | 52.20 |
| | 5 | 4.1 | 67.60 | 17.38 | 63.60 | 16.36 | 60.00 | 15.34 | 58.00 | 14.84 | 56.20 | 14.36 | 52.20 | 13.38 | 52.20 | 14.14 | 52.20 | 14.92 | 52.20 | 15.70 | 52.20 |
| | 8.3 | 6.1 | 67.60 | 16.70 | 63.60 | 15.74 | 60.00 | 14.78 | 58.00 | 14.30 | 56.20 | 13.84 | 52.20 | 12.90 | 52.20 | 14.06 | 52.20 | 14.84 | 52.20 | 15.64 | 52.20 |
| | 9 | 7.9 | 67.60 | 16.10 | 63.60 | 15.18 | 60.00 | 14.24 | 58.00 | 13.82 | 56.20 | 13.36 | 52.20 | 12.46 | 52.20 | 13.54 | 52.20 | 14.32 | 52.20 | 15.14 | 52.20 |
| | 11 | 9.8 | 67.60 | 15.54 | 63.60 | 14.64 | 60.00 | 13.78 | 58.00 | 13.34 | 56.20 | 12.90 | 52.20 | 12.08 | 52.20 | 13.12 | 52.20 | 13.90 | 52.20 | 14.68 | 52.20 |
| | 13 | 11.8 | 67.60 | 15.00 | 63.60 | 14.14 | 60.00 | 13.30 | 58.00 | 12.88 | 56.20 | 12.48 | 52.20 | 11.68 | 52.20 | 12.26 | 52.20 | 13.04 | 52.20 | 13.82 | 52.20 |
| | 15 | 13.7 | 67.60 | 14.52 | 63.60 | 13.68 | 60.00 | 12.88 | 58.00 | 12.48 | 56.20 | 12.10 | 52.20 | 11.44 | 52.20 | 12.04 | 52.20 | 12.82 | 52.20 | 13.60 | 52.20 |
| | 19 | 14.2 | 67.60 | 14.10 | 63.60 | 13.02 | 60.00 | 12.50 | 58.00 | 12.10 | 56.20 | 11.64 | 52.20 | 10.84 | 52.20 | 11.42 | 52.20 | 12.18 | 52.20 | 12.90 | 52.20 |
| | 21 | 15 | 67.60 | 13.52 | 63.60 | 12.66 | 60.00 | 11.96 | 58.00 | 11.70 | 56.20 | 11.26 | 52.20 | 10.42 | 52.20 | 11.04 | 52.20 | 11.82 | 52.20 | 12.58 | 52.20 |
| 50 | -14.7 | -15 | 56.40 | 23.98 | 53.00 | 22.54 | 50.00 | 21.10 | 48.40 | 20.30 | 46.80 | 19.56 | 43.40 | 18.14 | 43.40 | 19.36 | 43.40 | 20.12 | 43.40 | 20.90 | 43.40 |
| | -12.6 | -13 | 56.40 | 22.54 | 53.00 | 21.10 | 50.00 | 19.64 | 48.40 | 18.98 | 46.80 | 18.30 | 43.40 | 16.98 | 43.40 | 18.12 | 43.40 | 18.90 | 43.40 | 19.68 | 43.40 |
| | -10.5 | -11 | 56.40 | 21.10 | 53.00 | 19.72 | 50.00 | 18.44 | 48.40 | 17.82 | 46.80 | 17.20 | 43.40 | 15.98 | 43.40 | 17.06 | 43.40 | 17.84 | 43.40 | 18.62 | 43.40 |
| | -9.5 | -10 | 56.40 | 20.38 | 53.00 | 19.12 | 50.00 | 17.90 | 48.40 | 17.30 | 46.80 | 16.70 | 43.40 | 15.52 | 43.40 | 16.44 | 43.40 | 17.22 | 43.40 | 18.02 | 43.40 |
| | -8.5 | -9.1 | 56.40 | 19.86 | 53.00 | 18.64 | 50.00 | 17.46 | 48.40 | 16.86 | 46.80 | 16.28 | 43.40 | 15.14 | 43.40 | 16.16 | 43.40 | 16.94 | 43.40 | 17.72 | 43.40 |
| | -7 | -7.6 | 56.40 | 19.02 | 53.00 | 17.86 | 50.00 | 16.72 | 48.40 | 16.16 | 46.80 | 15.64 | 43.40 | 14.56 | 43.40 | 15.44 | 43.40 | 16.22 | 43.40 | 17.00 | 43.40 |
| | -5 | -5.6 | 56.40 | 18.02 | 53.00 | 16.94 | 50.00 | 15.88 | 48.40 | 15.36 | 46.80 | 14.84 | 43.40 | 13.84 | 43.40 | 14.72 | 43.40 | 15.50 | 43.40 | 16.28 | 43.40 |
| | -3 | -3.7 | 56.40 | 17.16 | 53.00 | 16.14 | 50.00 | 15.16 | 48.40 | 14.66 | 46.80 | 14.18 | 43.40 | 13.24 | 43.40 | 14.06 | 43.40 | 14.94 | 43.40 | 15.72 | 43.40 |
| | 0 | -0.7 | 56.40 | 15.98 | 53.00 | 15.06 | 50.00 | 14.14 | 48.40 | 13.70 | 46.80 | 13.26 | 43.40 | 12.38 | 43.40 | 13.14 | 43.40 | 13.92 | 43.40 | 14.70 | 43.40 |
| | 3 | 2.2 | 56.40 | 15.00 | 53.00 | 14.14 | 50.00 | 13.32 | 48.40 | 12.90 | 46.80 | 12.48 | | | | | | | | | |

| | | YCV960HR | | | | | | | | | | Heating Capacity | | | | | | | | | |
|---------------------|---------------|----------------------|--------|-------|--------|-------|--------|-------|--------|-------|--------|------------------|--------|-------|----|----|----|----|----|----|--|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | TC | | PI | | TC | | PI | |
| | | °C DB | °C WB | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | | |
| 130 | -14.7 | -15 | 67.00 | 16.88 | 67.00 | 17.87 | 67.00 | 18.86 | 66.80 | 19.36 | 66.80 | 19.87 | 66.80 | 20.86 | | | | | | | |
| | -12.6 | -13 | 70.60 | 17.91 | 70.60 | 18.86 | 70.60 | 19.80 | 70.60 | 20.25 | 70.60 | 20.73 | 70.60 | 21.65 | | | | | | | |
| | -10.5 | -11 | 74.60 | 18.83 | 74.60 | 19.73 | 74.60 | 20.60 | 74.60 | 21.04 | 74.60 | 21.51 | 74.60 | 22.33 | | | | | | | |
| | -9.5 | -10 | 76.80 | 19.27 | 76.80 | 20.12 | 76.80 | 20.97 | 76.80 | 21.41 | 76.80 | 21.85 | 76.80 | 22.74 | | | | | | | |
| | -8.5 | -9.1 | 78.50 | 19.64 | 78.50 | 20.48 | 78.50 | 21.30 | 78.50 | 21.72 | 78.50 | 22.09 | 78.50 | 22.97 | | | | | | | |
| | -7 | -7.6 | 81.60 | 20.19 | 81.60 | 21.00 | 81.60 | 21.81 | 81.60 | 22.33 | 81.60 | 22.53 | 81.60 | 23.42 | | | | | | | |
| | -5 | -5.6 | 85.40 | 20.86 | 85.40 | 21.64 | 85.40 | 22.33 | 85.40 | 22.74 | 85.40 | 23.18 | 85.40 | 23.86 | | | | | | | |
| | -3 | -3.7 | 89.00 | 21.48 | 89.00 | 22.09 | 89.00 | 22.97 | 89.00 | 23.42 | 89.00 | 23.62 | 89.00 | 24.50 | | | | | | | |
| | 0 | -0.7 | 95.00 | 22.33 | 95.00 | 22.97 | 95.00 | 23.62 | 95.00 | 24.06 | 95.00 | 24.27 | 95.00 | 24.95 | | | | | | | |
| | 3 | 2.2 | 100.30 | 22.97 | 100.30 | 23.62 | 100.30 | 24.27 | 100.30 | 24.50 | 100.30 | 24.95 | 100.30 | 25.59 | | | | | | | |
| | 5 | 4.1 | 104.30 | 23.42 | 104.30 | 24.06 | 104.30 | 24.71 | 104.30 | 24.95 | 104.30 | 25.39 | 104.30 | 25.80 | | | | | | | |
| | 8.3 | 6.1 | 108.00 | 23.86 | 108.00 | 24.50 | 108.00 | 24.95 | 108.00 | 25.39 | 108.00 | 25.59 | 108.00 | 26.24 | | | | | | | |
| | 9 | 7.9 | 111.80 | 24.06 | 111.60 | 24.71 | 111.60 | 25.39 | 111.60 | 25.59 | 111.60 | 25.80 | 111.60 | 26.48 | | | | | | | |
| | 11 | 9.8 | 115.40 | 24.50 | 115.40 | 24.95 | 115.40 | 25.59 | 115.40 | 25.80 | 115.40 | 26.24 | 115.40 | 26.68 | | | | | | | |
| | 13 | 11.8 | 118.40 | 24.71 | 118.40 | 25.39 | 118.40 | 25.80 | 118.40 | 26.24 | 118.40 | 26.48 | 118.40 | 26.92 | | | | | | | |
| | 15 | 13.7 | 123.00 | 25.15 | 123.00 | 25.59 | 123.00 | 26.04 | 123.00 | 26.48 | 123.00 | 26.68 | 123.00 | 26.86 | | | | | | | |
| | 19 | 14.2 | 123.00 | 25.39 | 123.00 | 25.87 | 123.00 | 26.27 | 123.00 | 26.69 | 123.00 | 26.93 | 123.00 | 27.19 | | | | | | | |
| | 21 | 15 | 123.00 | 25.57 | 123.00 | 26.11 | 123.00 | 26.52 | 123.00 | 26.85 | 123.00 | 26.51 | 123.00 | 27.07 | | | | | | | |
| 120 | -14.7 | -15 | 67.00 | 18.21 | 66.80 | 19.13 | 66.80 | 20.05 | 66.80 | 20.52 | 66.80 | 20.97 | 66.80 | 21.88 | | | | | | | |
| | -12.6 | -13 | 70.60 | 19.19 | 70.60 | 20.05 | 70.60 | 20.90 | 70.60 | 21.34 | 70.60 | 21.79 | 70.60 | 22.74 | | | | | | | |
| | -10.5 | -11 | 74.60 | 20.05 | 74.60 | 20.85 | 74.60 | 21.65 | 74.60 | 22.09 | 74.60 | 22.53 | 74.60 | 23.42 | | | | | | | |
| | -9.5 | -10 | 76.80 | 20.43 | 76.80 | 21.21 | 76.80 | 22.09 | 76.80 | 22.33 | 76.80 | 22.74 | 76.80 | 23.62 | | | | | | | |
| | -8.5 | -9.1 | 78.50 | 20.76 | 78.50 | 21.52 | 78.50 | 22.33 | 78.50 | 22.74 | 78.50 | 23.18 | 78.50 | 23.86 | | | | | | | |
| | -7 | -7.6 | 81.60 | 21.27 | 81.60 | 22.09 | 81.60 | 22.74 | 81.60 | 23.18 | 81.60 | 23.42 | 81.60 | 24.27 | | | | | | | |
| | -5 | -5.6 | 85.40 | 21.88 | 85.40 | 22.53 | 85.40 | 23.42 | 85.40 | 23.62 | 85.40 | 24.09 | 85.40 | 24.71 | | | | | | | |
| | -3 | -3.7 | 89.00 | 22.53 | 89.00 | 23.18 | 89.00 | 23.86 | 89.00 | 24.06 | 89.00 | 24.54 | 89.00 | 25.15 | | | | | | | |
| | 0 | -0.7 | 95.00 | 23.18 | 95.00 | 23.86 | 95.00 | 24.50 | 95.00 | 24.71 | 95.00 | 25.15 | 95.00 | 25.80 | | | | | | | |
| | 3 | 2.2 | 100.30 | 23.86 | 100.30 | 24.50 | 100.30 | 25.15 | 100.30 | 25.39 | 100.30 | 25.59 | 100.30 | 26.24 | | | | | | | |
| | 5 | 4.1 | 104.30 | 24.27 | 104.30 | 24.71 | 104.30 | 25.39 | 104.30 | 25.59 | 104.30 | 26.04 | 104.30 | 26.48 | | | | | | | |
| | 8.3 | 6.1 | 108.00 | 24.50 | 108.00 | 25.15 | 108.00 | 25.80 | 108.00 | 26.04 | 108.00 | 26.24 | 108.00 | 26.92 | | | | | | | |
| | 9 | 7.9 | 111.60 | 24.95 | 111.60 | 25.39 | 111.60 | 26.04 | 111.60 | 26.24 | 111.60 | 26.48 | 111.60 | 27.13 | | | | | | | |
| | 11 | 9.8 | 115.40 | 25.15 | 115.40 | 25.80 | 115.40 | 26.24 | 115.40 | 26.48 | 115.40 | 26.68 | 115.40 | 27.37 | | | | | | | |
| | 13 | 11.8 | 118.40 | 25.59 | 118.40 | 26.04 | 118.40 | 26.48 | 118.40 | 26.68 | 118.40 | 26.86 | 118.40 | 27.54 | | | | | | | |
| | 15 | 13.7 | 123.00 | 25.80 | 123.00 | 26.24 | 123.00 | 26.68 | 123.00 | 26.92 | 123.00 | 27.19 | 123.00 | 27.86 | | | | | | | |
| | 19 | 14.2 | 123.00 | 26.03 | 123.00 | 26.48 | 123.00 | 26.71 | 123.00 | 26.65 | 123.00 | 26.93 | 123.00 | 27.37 | | | | | | | |
| | 21 | 15 | 123.00 | 26.30 | 123.00 | 26.68 | 123.00 | 26.88 | 123.00 | 26.45 | 123.00 | 25.22 | 123.00 | 25.88 | | | | | | | |
| 110 | -14.7 | -15 | 66.80 | 19.57 | 66.80 | 20.42 | 66.80 | 21.21 | 66.80 | 21.65 | 66.80 | 22.09 | 66.80 | 22.97 | | | | | | | |
| | -12.6 | -13 | 70.60 | 20.45 | 70.60 | 21.24 | 70.60 | 22.09 | 70.60 | 22.53 | 70.60 | 22.74 | 70.60 | 23.62 | | | | | | | |
| | -10.5 | -11 | 74.60 | 21.21 | 74.60 | 21.88 | 74.60 | 22.74 | 74.60 | 23.18 | 74.60 | 23.42 | 74.60 | 24.27 | | | | | | | |
| | -9.5 | -10 | 76.80 | 21.58 | 76.80 | 22.33 | 76.80 | 22.97 | 76.80 | 23.42 | 76.80 | 23.86 | 76.80 | 24.50 | | | | | | | |
| | -8.5 | -9.1 | 78.50 | 21.88 | 78.50 | 22.53 | 78.50 | 23.42 | 78.50 | 23.64 | 78.50 | 24.06 | 78.50 | 24.71 | | | | | | | |
| | -7 | -7.6 | 81.60 | 22.33 | 81.60 | 22.97 | 81.60 | 23.62 | 81.60 | 24.09 | 81.60 | 24.50 | 81.60 | 25.15 | | | | | | | |
| | -5 | -5.6 | 85.40 | 22.97 | 85.40 | 23.62 | 85.40 | 24.27 | 85.40 | 24.54 | 85.40 | 24.95 | 85.40 | 25.59 | | | | | | | |
| | -3 | -3.7 | 89.00 | 23.42 | 89.00 | 24.06 | 89.00 | 24.71 | 89.00 | 24.90 | 89.00 | 25.39 | 89.00 | 25.80 | | | | | | | |
| | 0 | -0.7 | 95.00 | 24.06 | 94.80 | 24.71 | 94.80 | 25.39 | 94.80 | 25.57 | 94.80 | 25.80 | 94.80 | 26.48 | | | | | | | |
| | 3 | 2.2 | 100.30 | 24.71 | 100.30 | 25.39 | 100.30 | 25.80 | 100.30 | 26.04 | 100.30 | 26.48 | 100.30 | 26.92 | | | | | | | |
| | 5 | 4.1 | 104.30 | 25.15 | 104.30 | 25.59 | 104.30 | 26.04 | 104.30 | 26.48 | 104.30 | 26.68 | 104.30 | 27.02 | | | | | | | |
| | 8.3 | 6.1 | 108.00 | 25.39 | 108.00 | 25.80 | 108.00 | 26.48 | 108.00 | 26.68 | 108.00 | 26.92 | 108.00 | 27.37 | | | | | | | |
| | 9 | 7.9 | 111.60 | 25.80 | 111.60 | 26.24 | 111.60 | 26.68 | 111.60 | 26.92 | 111.60 | 27.19 | 111.60 | 27.86 | | | | | | | |
| | 11 | 9.8 | 115.40 | 26.04 | 115.40 | 26.48 | 115.40 | 26.92 | 115.40 | 27.19 | 115.40 | 27.43 | 115.40 | 28.08 | | | | | | | |
| | 13 | 11.8 | 118.40 | 26.24 | 118.40 | 26.68 | 118.40 | 26.88 | 118.40 | 27.19 | 118.40 | 27.43 | 118.40 | 28.08 | | | | | | | |
| | 15 | 13.7 | 123.00 | 26.48 | 123.00 | 26.92 | 123.00 | 27.37 | 123.00 | 27.61 | 123.00 | 27.86 | 123.00 | 28.31 | | | | | | | |
| | 19 | 14.2 | 123.00 | 26.74 | 123.00 | 27.00 | 123.00 | 27.61 | 123.00 | 27.86 | 123.00 | 28.08 | 123.00 | 28.31 | | | | | | | |
| | 21 | 15 | 123.00 | 26.95 | 123.00 | 27.50 | 123.00 | 27.61 | 123.00 | 27.86 | 123.00 | 28.08 | 123.00 | 28.31 | | | | | | | |

To be continued

Continued

| Capacity Factor (%) | | Outdoor Temp. | | Heating Capacity | | | | | | | | | | | |
|---------------------|-------|---------------|--------|----------------------|--------|-------|--------|-------|--------|-------|--------|-------|-------|-------|----|
| | | | | Indoor Temp. (°C DB) | | | | | | | | | | | |
| | | | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | |
| | | °C DB | °C WB | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| 100 | -14.7 | -15 | 66.80 | 20.90 | 66.80 | 21.68 | 66.80 | 22.53 | 66.80 | 22.74 | 66.80 | 23.18 | 66.80 | 24.06 | |
| | -12.6 | -13 | 70.60 | 21.72 | 70.60 | 22.53 | 70.60 | 23.18 | 70.60 | 23.42 | 70.60 | 23.86 | 70.60 | 24.50 | |
| | -10.5 | -11 | 74.60 | 22.53 | 74.60 | 23.18 | 74.60 | 23.86 | 74.60 | 24.06 | 74.60 | 24.50 | 74.60 | 25.15 | |
| | -9.5 | -10 | 76.80 | 22.74 | 76.80 | 23.42 | 76.80 | 24.06 | 76.80 | 24.50 | 76.80 | 24.71 | 76.80 | 25.39 | |
| | -8.5 | -9.1 | 78.50 | 22.97 | 78.50 | 23.62 | 78.50 | 24.27 | 78.50 | 24.76 | 78.50 | 24.95 | 78.50 | 25.59 | |
| | -7 | -7.6 | 81.60 | 23.42 | 81.60 | 24.06 | 81.60 | 24.71 | 81.60 | 24.90 | 81.60 | 25.39 | 81.60 | 26.04 | |
| | -5 | -5.6 | 85.40 | 24.06 | 85.40 | 24.50 | 85.40 | 25.15 | 85.40 | 25.35 | 85.40 | 25.80 | 85.40 | 26.24 | |
| | -3 | -3.7 | 89.00 | 24.50 | 89.00 | 24.95 | 89.00 | 25.59 | 89.00 | 25.78 | 89.00 | 26.04 | 89.00 | 26.68 | |
| | 0 | -0.7 | 94.80 | 25.15 | 94.80 | 25.59 | 94.80 | 26.04 | 94.80 | 26.47 | 94.80 | 26.68 | 94.80 | 27.13 | |
| | 3 | 2.2 | 100.30 | 25.59 | 100.30 | 26.04 | 100.30 | 26.68 | 100.30 | 26.92 | 100.30 | 27.13 | 94.30 | 25.39 | |
| | 5 | 4.1 | 104.30 | 25.80 | 104.30 | 26.48 | 104.30 | 26.92 | 104.30 | 27.13 | 101.10 | 26.24 | 94.30 | 24.27 | |
| | 8.3 | 6.1 | 108.00 | 26.24 | 108.00 | 26.68 | 108.00 | 27.04 | 104.60 | 26.04 | 101.10 | 25.15 | 94.30 | 23.18 | |
| | 9 | 7.9 | 111.60 | 26.48 | 111.60 | 26.92 | 108.00 | 26.04 | 104.60 | 25.15 | 101.10 | 24.06 | 94.30 | 22.33 | |
| | 11 | 9.8 | 115.40 | 26.68 | 114.90 | 26.92 | 108.00 | 24.95 | 104.60 | 24.06 | 101.10 | 23.18 | 94.30 | 21.47 | |
| | 13 | 11.8 | 118.40 | 26.92 | 114.90 | 25.80 | 108.00 | 24.06 | 104.60 | 23.18 | 101.10 | 22.33 | 94.30 | 20.66 | |
| | 15 | 13.7 | 121.70 | 26.48 | 114.90 | 24.95 | 108.00 | 23.18 | 104.60 | 22.33 | 101.10 | 21.52 | 94.30 | 19.94 | |
| | 19 | 14.2 | 121.70 | 25.77 | 114.90 | 24.09 | 108.00 | 22.60 | 104.60 | 21.38 | 101.10 | 20.70 | 94.30 | 19.40 | |
| | 21 | 15 | 121.70 | 24.95 | 114.90 | 23.04 | 108.00 | 21.76 | 104.60 | 21.07 | 101.10 | 20.08 | 94.30 | 18.96 | |
| 90 | -14.7 | -15 | 66.80 | 22.33 | 66.80 | 22.97 | 66.80 | 23.62 | 66.80 | 24.06 | 66.80 | 24.27 | 66.80 | 24.95 | |
| | -12.6 | -13 | 70.60 | 22.97 | 70.60 | 23.62 | 70.60 | 24.27 | 70.60 | 24.50 | 70.60 | 24.95 | 70.60 | 25.59 | |
| | -10.5 | -11 | 74.60 | 23.62 | 74.60 | 24.27 | 74.60 | 24.95 | 74.60 | 25.15 | 74.60 | 25.39 | 74.60 | 26.04 | |
| | -9.5 | -10 | 76.80 | 23.86 | 76.80 | 24.50 | 76.80 | 25.15 | 76.80 | 25.39 | 76.80 | 25.59 | 76.80 | 26.24 | |
| | -8.5 | -9.1 | 78.50 | 24.06 | 78.50 | 24.71 | 78.50 | 25.39 | 78.50 | 25.59 | 78.50 | 25.80 | 78.50 | 26.48 | |
| | -7 | -7.6 | 81.60 | 24.50 | 81.60 | 25.15 | 81.60 | 25.59 | 81.60 | 26.04 | 81.60 | 26.24 | 81.40 | 26.68 | |
| | -5 | -5.6 | 85.40 | 24.95 | 85.40 | 25.59 | 85.40 | 26.04 | 85.40 | 26.24 | 85.40 | 26.68 | 84.20 | 27.13 | |
| | -3 | -3.7 | 89.00 | 25.39 | 89.00 | 26.04 | 89.00 | 26.48 | 89.00 | 26.68 | 89.00 | 26.92 | 84.40 | 26.04 | |
| | 0 | -0.7 | 94.80 | 26.04 | 94.80 | 26.48 | 94.80 | 26.92 | 93.70 | 27.13 | 90.80 | 26.04 | 84.40 | 24.06 | |
| | 3 | 2.2 | 100.30 | 26.48 | 100.30 | 26.92 | 97.20 | 26.24 | 93.70 | 25.39 | 90.80 | 24.27 | 84.40 | 22.53 | |
| | 5 | 4.1 | 104.30 | 26.68 | 103.80 | 26.92 | 97.20 | 25.15 | 93.70 | 24.27 | 90.80 | 23.18 | 84.40 | 21.52 | |
| | 8.3 | 6.1 | 108.00 | 26.92 | 103.80 | 25.80 | 97.20 | 24.06 | 93.70 | 23.18 | 90.80 | 22.33 | 84.40 | 20.67 | |
| | 9 | 7.9 | 109.80 | 26.48 | 103.80 | 24.71 | 97.20 | 23.18 | 93.70 | 22.33 | 90.80 | 21.48 | 84.40 | 19.88 | |
| | 11 | 9.8 | 109.80 | 25.39 | 103.80 | 23.86 | 97.20 | 22.33 | 93.70 | 21.44 | 90.80 | 20.67 | 84.40 | 19.16 | |
| | 13 | 11.8 | 109.80 | 24.50 | 103.80 | 22.97 | 97.20 | 21.37 | 93.70 | 20.63 | 90.80 | 19.91 | 84.40 | 18.46 | |
| | 15 | 13.7 | 109.80 | 23.62 | 103.80 | 22.09 | 97.20 | 20.63 | 93.70 | 19.94 | 90.80 | 19.23 | 84.40 | 17.83 | |
| | 19 | 14.2 | 109.80 | 23.04 | 103.80 | 21.47 | 97.20 | 19.98 | 93.70 | 19.33 | 90.80 | 18.55 | 84.40 | 17.19 | |
| | 21 | 15 | 109.80 | 22.20 | 103.80 | 20.67 | 97.20 | 19.61 | 93.70 | 18.69 | 90.80 | 17.88 | 84.40 | 16.48 | |
| 80 | -14.7 | -15 | 66.80 | 23.62 | 66.80 | 24.27 | 66.80 | 24.95 | 66.80 | 25.15 | 66.80 | 25.39 | 66.80 | 26.04 | |
| | -12.6 | -13 | 70.60 | 24.27 | 70.60 | 24.71 | 70.60 | 25.39 | 70.60 | 25.59 | 70.60 | 26.04 | 70.60 | 26.48 | |
| | -10.5 | -11 | 74.60 | 24.71 | 74.60 | 25.39 | 74.60 | 25.80 | 74.60 | 26.24 | 74.60 | 26.48 | 74.20 | 26.92 | |
| | -9.5 | -10 | 76.80 | 25.15 | 76.80 | 25.59 | 76.80 | 26.04 | 76.80 | 26.48 | 76.80 | 26.68 | 75.20 | 27.13 | |
| | -8.5 | -9.1 | 78.50 | 25.39 | 78.50 | 25.80 | 78.50 | 26.24 | 78.50 | 26.68 | 78.50 | 26.92 | 75.30 | 26.68 | |
| | -7 | -7.6 | 81.60 | 25.59 | 81.60 | 26.04 | 81.40 | 26.68 | 81.40 | 26.92 | 80.40 | 27.13 | 75.30 | 25.39 | |
| | -5 | -5.6 | 85.40 | 26.04 | 85.40 | 26.48 | 85.40 | 26.92 | 83.40 | 27.13 | 80.90 | 26.04 | 75.30 | 24.06 | |
| | -3 | -3.7 | 89.00 | 26.48 | 89.00 | 26.92 | 86.40 | 26.68 | 83.40 | 25.59 | 80.90 | 24.71 | 75.30 | 22.74 | |
| | 0 | -0.7 | 94.80 | 26.92 | 91.90 | 26.48 | 86.40 | 24.71 | 83.40 | 23.86 | 80.90 | 22.74 | 75.30 | 21.14 | |
| | 3 | 2.2 | 97.30 | 26.24 | 91.90 | 24.71 | 86.40 | 22.97 | 83.40 | 22.09 | 80.90 | 21.34 | 75.30 | 19.77 | |
| | 5 | 4.1 | 97.30 | 25.15 | 91.90 | 23.62 | 86.40 | 22.09 | 83.40 | 21.21 | 80.90 | 20.45 | 75.30 | 18.96 | |
| | 8.3 | 6.1 | 97.30 | 24.06 | 91.90 | 22.53 | 86.40 | 21.11 | 83.40 | 20.39 | 80.90 | 19.67 | 75.30 | 18.24 | |
| | 9 | 7.9 | 97.30 | 23.18 | 91.90 | 21.72 | 86.40 | 20.29 | 83.40 | 19.61 | 80.90 | 18.92 | 75.30 | 17.56 | |
| | 11 | 9.8 | 97.30 | 22.33 | 91.90 | 20.90 | 86.40 | 19.57 | 83.40 | 18.90 | 80.90 | 18.24 | 75.30 | 16.93 | |
| | 13 | 11.8 | 97.30 | 21.47 | 91.90 | 20.12 | 86.40 | 18.83 | 83.40 | 18.20 | 80.90 | 17.56 | 75.30 | 16.34 | |
| | 15 | 13.7 | 97.30 | 20.73 | 91.90 | 19.26 | 86.40 | 18.20 | 83.40 | 17.59 | 80.90 | 16.99 | 75.30 | 15.83 | |
| | 19 | 14.2 | 97.30 | 20.01 | 91.90 | 18.92 | 86.40 | 17.47 | 83.40 | 16.95 | 80.90 | 16.27 | 75.30 | 15.42 | |
| | 21 | 15 | 97.30 | 19.44 | 91.90 | 18.10 | 86.40 | 17.01 | 83.40 | 16.40 | 80.90 | 15.72 | 75.30 | 14.61 | |

Capacity table

To be continued

Continued

| | | YCV960HR | | | | | | | | Heating Capacity | | | | | | | |
|---------------------|---------------|----------------------|-------|-------|-------|-------|-------|-------|-------|------------------|-------|-------|-------|-------|----|----|----|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| 70 | °C DB | °C WB | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| | -14.7 | -15 | 66.80 | 24.95 | 66.80 | 25.59 | 66.80 | 26.04 | 66.80 | 26.24 | 66.80 | 26.48 | 65.20 | 27.13 | | | |
| | -12.6 | -13 | 70.60 | 25.59 | 70.60 | 26.04 | 70.60 | 26.48 | 70.60 | 26.68 | 69.60 | 27.13 | 65.80 | 26.04 | | | |
| | -10.5 | -11 | 74.60 | 26.04 | 74.60 | 26.48 | 74.40 | 26.92 | 72.80 | 27.13 | 70.70 | 26.24 | 65.80 | 24.27 | | | |
| | -9.5 | -10 | 76.80 | 26.24 | 76.80 | 26.68 | 75.40 | 27.13 | 73.10 | 26.48 | 70.70 | 25.39 | 65.80 | 23.42 | | | |
| | -8.5 | -9.1 | 78.50 | 26.48 | 78.50 | 26.92 | 75.80 | 26.68 | 73.10 | 25.80 | 70.70 | 24.71 | 65.80 | 22.97 | | | |
| | -7 | -7.6 | 81.40 | 26.68 | 80.20 | 27.13 | 75.80 | 25.59 | 73.10 | 24.50 | 70.70 | 23.62 | 65.80 | 21.88 | | | |
| | -5 | -5.6 | 84.80 | 27.13 | 80.50 | 25.80 | 75.80 | 24.06 | 73.10 | 23.18 | 70.70 | 22.33 | 65.80 | 20.73 | | | |
| | -3 | -3.7 | 85.40 | 26.24 | 80.50 | 24.50 | 75.80 | 22.97 | 73.10 | 22.09 | 70.70 | 21.27 | 65.80 | 19.70 | | | |
| | 0 | -0.7 | 85.40 | 24.27 | 80.50 | 22.74 | 75.80 | 21.24 | 73.10 | 20.49 | 70.70 | 19.74 | 65.80 | 18.34 | | | |
| | 3 | 2.2 | 85.40 | 22.74 | 80.50 | 21.24 | 75.80 | 19.84 | 73.10 | 19.16 | 70.70 | 18.52 | 65.80 | 17.18 | | | |
| | 5 | 4.1 | 85.40 | 21.71 | 80.50 | 20.36 | 75.80 | 19.06 | 73.10 | 18.41 | 70.70 | 17.77 | 65.80 | 16.51 | | | |
| | 8.3 | 6.1 | 85.40 | 20.82 | 80.50 | 19.57 | 75.80 | 18.31 | 73.10 | 17.70 | 70.70 | 17.08 | 65.80 | 15.89 | | | |
| | 9 | 7.9 | 85.40 | 20.05 | 80.50 | 18.82 | 75.80 | 17.63 | 73.10 | 17.04 | 70.70 | 16.47 | 65.80 | 15.35 | | | |
| | 11 | 9.8 | 85.40 | 19.29 | 80.50 | 18.14 | 75.80 | 17.01 | 73.10 | 16.44 | 70.70 | 15.77 | 65.80 | 14.81 | | | |
| | 13 | 11.8 | 85.40 | 18.58 | 80.50 | 17.49 | 75.80 | 16.41 | 73.10 | 15.89 | 70.70 | 15.35 | 65.80 | 14.30 | | | |
| | 15 | 13.7 | 85.40 | 17.97 | 80.50 | 16.92 | 75.80 | 15.89 | 73.10 | 15.35 | 70.70 | 14.84 | 65.80 | 13.86 | | | |
| | 19 | 14.2 | 85.40 | 17.05 | 80.50 | 16.44 | 75.80 | 15.44 | 73.10 | 14.64 | 70.70 | 14.02 | 65.80 | 13.30 | | | |
| | 21 | 15 | 85.40 | 16.44 | 80.50 | 15.63 | 75.80 | 14.74 | 73.10 | 13.96 | 70.70 | 13.31 | 65.80 | 12.57 | | | |
| 60 | -14.7 | -15 | 66.80 | 26.24 | 66.80 | 26.68 | 64.60 | 27.13 | 62.70 | 26.24 | 60.70 | 25.39 | 56.50 | 23.42 | | | |
| | -12.6 | -13 | 70.60 | 26.68 | 68.60 | 27.13 | 64.80 | 25.39 | 62.70 | 24.50 | 60.70 | 23.62 | 56.50 | 21.82 | | | |
| | -10.5 | -11 | 72.80 | 27.13 | 68.90 | 25.59 | 64.80 | 23.86 | 62.70 | 22.97 | 60.70 | 22.09 | 56.50 | 20.48 | | | |
| | -9.5 | -10 | 73.10 | 26.48 | 68.90 | 24.71 | 64.80 | 23.18 | 62.70 | 22.33 | 60.70 | 21.47 | 56.50 | 19.87 | | | |
| | -8.5 | -9.1 | 73.10 | 25.80 | 68.90 | 24.06 | 64.80 | 22.53 | 62.70 | 21.68 | 60.70 | 20.89 | 56.50 | 19.36 | | | |
| | -7 | -7.6 | 73.10 | 24.50 | 68.90 | 22.97 | 64.80 | 21.51 | 62.70 | 20.73 | 60.70 | 20.02 | 56.50 | 18.55 | | | |
| | -5 | -5.6 | 73.10 | 23.18 | 68.90 | 21.78 | 64.80 | 20.35 | 62.70 | 19.64 | 60.70 | 18.95 | 56.50 | 17.59 | | | |
| | -3 | -3.7 | 73.10 | 22.09 | 68.90 | 20.70 | 64.80 | 19.36 | 62.70 | 18.71 | 60.70 | 18.04 | 56.50 | 16.78 | | | |
| | 0 | -0.7 | 73.10 | 20.48 | 68.90 | 19.23 | 64.80 | 18.01 | 62.70 | 17.42 | 60.70 | 16.82 | 56.50 | 15.65 | | | |
| | 3 | 2.2 | 73.10 | 19.16 | 68.90 | 18.01 | 64.80 | 16.89 | 62.70 | 16.34 | 60.70 | 15.80 | 56.50 | 14.73 | | | |
| | 5 | 4.1 | 73.10 | 18.41 | 68.90 | 17.30 | 64.80 | 16.24 | 62.70 | 15.70 | 60.70 | 15.18 | 56.50 | 14.16 | | | |
| | 8.3 | 6.1 | 73.10 | 17.67 | 68.90 | 16.64 | 64.80 | 15.65 | 62.70 | 15.14 | 60.70 | 14.64 | 56.50 | 13.65 | | | |
| | 9 | 7.9 | 73.10 | 17.04 | 68.90 | 16.06 | 64.80 | 15.08 | 62.70 | 14.61 | 60.70 | 14.13 | 56.50 | 13.20 | | | |
| | 11 | 9.8 | 73.10 | 16.44 | 68.90 | 15.48 | 64.80 | 14.57 | 62.70 | 14.12 | 60.70 | 13.65 | 56.50 | 12.77 | | | |
| | 13 | 11.8 | 73.10 | 15.86 | 68.90 | 14.97 | 64.80 | 14.06 | 62.70 | 13.62 | 60.70 | 13.20 | 56.50 | 12.36 | | | |
| | 15 | 13.7 | 73.10 | 15.35 | 68.90 | 14.47 | 64.80 | 13.62 | 62.70 | 13.20 | 60.70 | 12.80 | 56.50 | 11.99 | | | |
| | 19 | 14.2 | 73.10 | 14.91 | 68.90 | 13.78 | 64.80 | 13.20 | 62.70 | 12.80 | 60.70 | 12.32 | 56.50 | 11.47 | | | |
| | 21 | 15 | 73.10 | 14.29 | 68.90 | 13.38 | 64.80 | 12.66 | 62.70 | 12.39 | 60.70 | 11.92 | 56.50 | 11.03 | | | |
| 50 | -14.7 | -15 | 60.90 | 25.39 | 57.50 | 23.86 | 54.10 | 22.33 | 52.10 | 21.48 | 50.40 | 20.70 | 47.00 | 19.19 | | | |
| | -12.6 | -13 | 60.90 | 23.86 | 57.50 | 22.33 | 54.10 | 20.79 | 52.10 | 20.08 | 50.40 | 19.36 | 47.00 | 17.97 | | | |
| | -10.5 | -11 | 60.90 | 22.33 | 57.50 | 20.86 | 54.10 | 19.51 | 52.10 | 18.86 | 50.40 | 18.20 | 47.00 | 16.92 | | | |
| | -9.5 | -10 | 60.90 | 21.58 | 57.50 | 20.24 | 54.10 | 18.95 | 52.10 | 18.31 | 50.40 | 17.67 | 47.00 | 16.43 | | | |
| | -8.5 | -9.1 | 60.90 | 21.00 | 57.50 | 19.70 | 54.10 | 18.46 | 52.10 | 17.83 | 50.40 | 17.22 | 47.00 | 16.00 | | | |
| | -7 | -7.6 | 60.90 | 20.12 | 57.50 | 18.90 | 54.10 | 17.70 | 52.10 | 17.11 | 50.40 | 16.54 | 47.00 | 15.39 | | | |
| | -5 | -5.6 | 60.90 | 19.06 | 57.50 | 17.91 | 54.10 | 16.81 | 52.10 | 16.26 | 50.40 | 15.70 | 47.00 | 14.64 | | | |
| | -3 | -3.7 | 60.90 | 18.14 | 57.50 | 17.08 | 54.10 | 16.03 | 52.10 | 15.51 | 50.40 | 15.01 | 47.00 | 13.99 | | | |
| | 0 | -0.7 | 60.90 | 16.92 | 57.50 | 15.92 | 54.10 | 14.97 | 52.10 | 14.50 | 50.40 | 14.02 | 47.00 | 13.11 | | | |
| | 3 | 2.2 | 60.90 | 15.86 | 57.50 | 14.97 | 54.10 | 14.09 | 52.10 | 13.65 | 50.40 | 13.20 | 47.00 | 12.36 | | | |
| | 5 | 4.1 | 60.90 | 15.28 | 57.50 | 14.42 | 54.10 | 13.58 | 52.10 | 13.15 | 50.40 | 12.48 | 47.00 | 11.92 | | | |
| | 8.3 | 6.1 | 60.90 | 14.71 | 57.50 | 13.89 | 54.10 | 13.08 | 52.10 | 12.69 | 50.40 | 12.29 | 47.00 | 11.54 | | | |
| | 9 | 7.9 | 60.90 | 14.20 | 57.50 | 13.41 | 54.10 | 12.66 | 52.10 | 12.28 | 50.40 | 11.91 | 47.00 | 11.16 | | | |
| | 11 | 9.8 | 60.90 | 13.72 | 57.50 | 12.97 | 54.10 | 12.25 | 52.10 | 11.88 | 50.40 | 11.54 | 47.00 | 10.82 | | | |
| | 13 | 11.8 | 60.90 | 13.27 | 57.50 | 12.56 | 54.10 | 11.85 | 52.10 | 11.51 | 50.40 | 11.16 | 47.00 | 10.49 | | | |
| | 15 | 13.7 | 60.90 | 12.86 | 57.50 | 12.18 | 54.10 | 11.51 | 52.10 | 11.17 | 50.40 | 10.83 | 47.00 | 10.20 | | | |
| | 19 | 14.2 | 60.90 | 12.46 | 57.50 | 11.70 | 54.10 | 11.09 | 52.10 | 10.68 | 50.40 | 10.46 | 47.00 | 9.74 | | | |
| | 21 | 15 | 60.90 | 11.64 | 57.50 | 11.37 | 54.10 | 10.82 | 52.10 | 10.24 | 50.40 | 10.04 | 47.00 | 9.36 | | | |

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

| | | YCV1010HR | | | | Heating Capacity | | | | | | | | | | | |
|---------------------|---------------|----------------------|--------|-------|--------|------------------|--------|-------|--------|-------|--------|-------|--------|-------|----|----|----|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| °C DB | | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| 130 | -14.7 | -15 | 69.50 | 17.89 | 69.50 | 18.95 | 69.50 | 19.99 | 69.30 | 20.53 | 69.30 | 21.07 | 69.30 | 22.12 | | | |
| | -12.6 | -13 | 73.40 | 18.99 | 73.40 | 19.99 | 73.40 | 21.00 | 73.40 | 21.47 | 73.40 | 21.98 | 73.40 | 22.96 | | | |
| | -10.5 | -11 | 77.60 | 19.96 | 77.60 | 20.93 | 77.60 | 21.84 | 77.60 | 22.31 | 77.60 | 22.80 | 77.60 | 23.67 | | | |
| | -9.5 | -10 | 79.90 | 20.43 | 79.90 | 21.33 | 79.90 | 22.23 | 79.90 | 22.70 | 79.90 | 23.17 | 79.90 | 24.11 | | | |
| | -8.5 | -9.1 | 81.70 | 20.81 | 81.70 | 21.72 | 81.70 | 22.59 | 81.70 | 23.03 | 81.70 | 23.42 | 81.70 | 24.36 | | | |
| | -7 | -7.6 | 84.90 | 21.40 | 84.90 | 22.27 | 84.90 | 23.13 | 84.90 | 23.67 | 84.90 | 24.11 | 84.90 | 24.82 | | | |
| | -5 | -5.6 | 88.90 | 22.12 | 88.90 | 22.94 | 88.90 | 23.67 | 88.90 | 24.11 | 88.90 | 24.58 | 88.90 | 25.29 | | | |
| | -3 | -3.7 | 92.80 | 22.77 | 92.80 | 23.42 | 92.80 | 24.36 | 92.80 | 24.82 | 92.80 | 25.05 | 92.80 | 25.98 | | | |
| | 0 | -0.7 | 99.20 | 23.67 | 99.20 | 24.36 | 99.20 | 25.05 | 99.20 | 25.51 | 99.20 | 25.74 | 99.20 | 26.45 | | | |
| | 3 | 2.2 | 104.80 | 24.36 | 104.80 | 25.05 | 104.80 | 25.74 | 104.80 | 25.98 | 104.80 | 26.45 | 104.80 | 27.14 | | | |
| | 5 | 4.1 | 109.10 | 24.82 | 109.10 | 25.51 | 109.10 | 26.20 | 109.10 | 26.45 | 109.10 | 26.91 | 109.10 | 27.36 | | | |
| | 8.3 | 6.1 | 113.00 | 25.29 | 113.00 | 25.98 | 113.00 | 26.45 | 113.00 | 26.91 | 113.00 | 27.14 | 113.00 | 27.83 | | | |
| | 9 | 7.9 | 117.00 | 25.51 | 116.80 | 26.20 | 116.80 | 26.91 | 116.80 | 27.14 | 116.80 | 27.36 | 116.80 | 28.07 | | | |
| | 11 | 9.8 | 120.90 | 25.98 | 120.90 | 26.45 | 120.90 | 27.14 | 120.90 | 27.36 | 120.90 | 27.83 | 120.90 | 28.29 | | | |
| | 13 | 11.8 | 125.18 | 26.20 | 125.18 | 26.91 | 125.18 | 27.36 | 125.18 | 27.83 | 125.18 | 28.07 | 125.18 | 28.54 | | | |
| | 15 | 13.7 | 129.00 | 26.67 | 128.90 | 27.14 | 128.90 | 27.60 | 128.90 | 28.07 | 128.90 | 28.29 | 128.90 | 28.89 | | | |
| | 19 | 14.2 | 129.00 | 26.92 | 128.90 | 27.42 | 128.90 | 27.86 | 128.90 | 28.30 | 128.90 | 28.55 | 128.90 | 27.74 | | | |
| | 21 | 15 | 129.00 | 27.11 | 128.90 | 27.68 | 128.90 | 28.12 | 128.90 | 28.47 | 128.90 | 28.11 | 128.90 | 27.45 | | | |
| 120 | -14.7 | -15 | 69.50 | 19.31 | 69.30 | 20.29 | 69.30 | 21.26 | 69.30 | 21.76 | 69.30 | 22.23 | 69.30 | 23.20 | | | |
| | -12.6 | -13 | 73.40 | 20.35 | 73.40 | 21.25 | 73.40 | 22.16 | 73.40 | 22.63 | 73.40 | 23.10 | 73.40 | 24.11 | | | |
| | -10.5 | -11 | 77.60 | 21.25 | 77.60 | 22.11 | 77.60 | 22.96 | 77.60 | 23.42 | 77.60 | 23.89 | 77.60 | 24.82 | | | |
| | -9.5 | -10 | 79.90 | 21.66 | 79.90 | 22.49 | 79.90 | 23.42 | 79.90 | 23.67 | 79.90 | 24.11 | 79.90 | 25.05 | | | |
| | -8.5 | -9.1 | 81.70 | 22.01 | 81.70 | 22.81 | 81.70 | 23.67 | 81.70 | 24.11 | 81.70 | 24.58 | 81.70 | 25.29 | | | |
| | -7 | -7.6 | 84.90 | 22.56 | 84.90 | 23.42 | 84.90 | 24.11 | 84.90 | 24.58 | 84.90 | 24.86 | 84.90 | 25.74 | | | |
| | -5 | -5.6 | 88.90 | 23.20 | 88.90 | 23.89 | 88.90 | 24.82 | 88.90 | 25.05 | 88.90 | 25.54 | 88.90 | 26.20 | | | |
| | -3 | -3.7 | 92.80 | 23.89 | 92.80 | 24.58 | 92.80 | 25.29 | 92.80 | 25.51 | 92.80 | 26.00 | 92.80 | 26.67 | | | |
| | 0 | -0.7 | 99.20 | 24.58 | 99.20 | 25.29 | 99.20 | 25.98 | 99.20 | 26.20 | 99.20 | 26.67 | 99.20 | 27.36 | | | |
| | 3 | 2.2 | 104.80 | 25.29 | 104.80 | 25.98 | 104.80 | 26.67 | 104.80 | 26.91 | 104.80 | 27.14 | 104.80 | 27.83 | | | |
| | 5 | 4.1 | 109.10 | 25.74 | 109.10 | 26.20 | 109.10 | 26.91 | 109.10 | 27.14 | 109.10 | 27.60 | 109.10 | 28.07 | | | |
| | 8.3 | 6.1 | 113.00 | 25.98 | 113.00 | 26.67 | 113.00 | 27.36 | 113.00 | 27.60 | 113.00 | 27.83 | 113.00 | 28.54 | | | |
| | 9 | 7.9 | 116.80 | 26.45 | 116.80 | 26.91 | 116.80 | 27.60 | 116.80 | 27.83 | 116.80 | 28.07 | 116.80 | 28.76 | | | |
| | 11 | 9.8 | 120.90 | 26.67 | 120.90 | 27.36 | 120.90 | 27.83 | 120.90 | 28.07 | 120.90 | 28.29 | 120.90 | 28.73 | | | |
| | 13 | 11.8 | 125.18 | 27.14 | 125.18 | 27.60 | 125.18 | 28.07 | 125.18 | 28.29 | 125.18 | 28.76 | 125.18 | 29.61 | | | |
| | 15 | 13.7 | 128.90 | 27.36 | 128.90 | 27.83 | 128.90 | 28.29 | 128.90 | 28.54 | 128.90 | 28.75 | 128.90 | 29.74 | | | |
| | 19 | 14.2 | 128.90 | 27.60 | 128.90 | 28.07 | 128.90 | 28.33 | 128.90 | 28.26 | 128.90 | 28.75 | 128.90 | 29.52 | | | |
| | 21 | 15 | 128.90 | 27.89 | 128.90 | 28.29 | 128.90 | 28.50 | 128.90 | 28.04 | 128.90 | 28.74 | 128.90 | 29.48 | | | |
| 110 | -14.7 | -15 | 69.30 | 20.74 | 69.30 | 21.65 | 69.30 | 22.49 | 69.30 | 22.96 | 69.30 | 23.42 | 69.30 | 24.36 | | | |
| | -12.6 | -13 | 73.40 | 21.69 | 73.40 | 22.52 | 73.40 | 23.42 | 73.40 | 23.89 | 73.40 | 24.11 | 73.40 | 25.05 | | | |
| | -10.5 | -11 | 77.60 | 22.49 | 77.60 | 23.20 | 77.60 | 24.11 | 77.60 | 24.58 | 77.60 | 24.82 | 77.60 | 25.74 | | | |
| | -9.5 | -10 | 79.90 | 22.88 | 79.90 | 23.67 | 79.90 | 24.36 | 79.90 | 24.86 | 79.90 | 25.29 | 79.90 | 25.98 | | | |
| | -8.5 | -9.1 | 81.70 | 23.20 | 81.70 | 23.89 | 81.70 | 24.82 | 81.70 | 25.08 | 81.70 | 25.51 | 81.70 | 26.20 | | | |
| | -7 | -7.6 | 84.90 | 23.67 | 84.90 | 24.36 | 84.90 | 25.05 | 84.90 | 25.54 | 84.90 | 25.98 | 84.90 | 26.67 | | | |
| | -5 | -5.6 | 88.90 | 24.36 | 88.90 | 25.05 | 88.90 | 25.74 | 88.90 | 26.00 | 88.90 | 26.45 | 88.90 | 27.14 | | | |
| | -3 | -3.7 | 92.80 | 24.82 | 92.80 | 25.51 | 92.80 | 26.20 | 92.80 | 26.46 | 92.80 | 26.91 | 92.80 | 27.36 | | | |
| | 0 | -0.7 | 99.20 | 25.51 | 99.00 | 26.20 | 99.00 | 26.91 | 99.00 | 27.14 | 99.00 | 27.36 | 99.00 | 28.07 | | | |
| | 3 | 2.2 | 104.80 | 26.20 | 104.80 | 26.91 | 104.80 | 27.36 | 104.80 | 27.60 | 104.80 | 28.07 | 104.80 | 28.54 | | | |
| | 5 | 4.1 | 109.10 | 26.67 | 109.10 | 27.14 | 109.10 | 27.60 | 109.10 | 28.07 | 109.10 | 28.29 | 109.10 | 28.54 | | | |
| | 8.3 | 6.1 | 113.00 | 26.91 | 113.00 | 27.36 | 113.00 | 28.07 | 113.00 | 28.29 | 113.00 | 28.54 | 113.00 | 28.73 | | | |
| | 9 | 7.9 | 116.80 | 27.36 | 116.80 | 27.83 | 116.80 | 28.29 | 116.80 | 28.54 | 116.80 | 28.76 | 116.80 | 29.20 | | | |
| | 11 | 9.8 | 120.90 | 27.60 | 120.90 | 28.07 | 120.90 | 28.54 | 120.90 | 28.76 | 120.90 | 28.76 | 120.90 | 29.20 | | | |
| | 13 | 11.8 | 125.18 | 27.83 | 125.18 | 28.29 | 125.18 | 28.29 | 125.18 | 28.44 | 125.18 | 28.76 | 125.18 | 29.46 | | | |
| | 15 | 13.7 | 129.00 | 28.07 | 129.00 | 28.54 | 129.00 | 28.54 | 129.00 | 28.76 | 129.00 | 28.76 | 129.00 | 29.46 | | | |
| | 19 | 14.2 | 129.00 | 26.23 | 129.00 | 28.26 | 129.00 | 28.44 | 129.00 | 28.44 | 129.00 | 28.57 | 129.00 | 28.43 | | | |
| | 21 | 15 | 129.00 | 26.45 | 129.00 | 27.45 | 129.00 | 25.07 | 129.00 | 24.61 | 129.00 | 23.75 | 129.00 | 22.33 | | | |

To be continued

Continued

| | | YCV1010HR | | | | | | | | Heating Capacity | | | | | | | | | | |
|---------------------|---------------|----------------------|--------|-------|--------|-------|--------|-------|--------|------------------|--------|-------|--------|-------|-------|-------|----|----|----|----|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | |
| 100 | °C DB | °C WB | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| | -14.7 | -15 | 69.30 | 22.16 | 69.30 | 22.99 | 69.30 | 23.89 | 69.30 | 24.11 | 69.30 | 24.58 | 69.30 | 25.51 | | | | | | |
| | -12.6 | -13 | 73.40 | 23.03 | 73.40 | 23.89 | 73.40 | 24.58 | 73.40 | 24.82 | 73.40 | 25.29 | 73.40 | 25.98 | | | | | | |
| | -10.5 | -11 | 77.60 | 23.89 | 77.60 | 24.58 | 77.60 | 25.29 | 77.60 | 25.51 | 77.60 | 25.98 | 77.60 | 26.67 | | | | | | |
| | -9.5 | -10 | 79.90 | 24.11 | 79.90 | 24.82 | 79.90 | 25.51 | 79.90 | 25.98 | 79.90 | 26.20 | 79.90 | 26.91 | | | | | | |
| | -8.5 | -9.1 | 81.70 | 24.36 | 81.70 | 25.05 | 81.70 | 25.74 | 81.70 | 26.20 | 84.90 | 26.45 | 84.90 | 26.91 | 81.70 | 27.14 | | | | |
| | -7 | -7.6 | 84.90 | 24.82 | 84.90 | 25.51 | 84.90 | 26.20 | 84.90 | 26.45 | 84.90 | 26.91 | 84.90 | 27.60 | 84.90 | 27.80 | | | | |
| | -5 | -5.6 | 88.90 | 25.51 | 88.90 | 25.98 | 88.90 | 26.67 | 88.90 | 26.91 | 88.90 | 27.36 | 88.90 | 27.83 | 88.90 | 28.29 | | | | |
| | -3 | -3.7 | 92.80 | 25.98 | 92.80 | 26.45 | 92.80 | 27.14 | 92.80 | 27.36 | 92.80 | 27.60 | 92.80 | 28.29 | 92.80 | 28.60 | | | | |
| | 0 | -0.7 | 99.00 | 26.67 | 99.00 | 27.14 | 99.00 | 27.60 | 99.00 | 28.07 | 99.00 | 28.29 | 99.00 | 28.76 | 98.40 | 28.76 | | | | |
| | 3 | 2.2 | 104.80 | 27.14 | 104.80 | 27.60 | 104.80 | 28.29 | 104.80 | 28.54 | 104.80 | 28.76 | 104.80 | 29.16 | 98.60 | 26.91 | | | | |
| | 5 | 4.1 | 109.10 | 27.36 | 109.10 | 28.07 | 109.10 | 28.54 | 109.10 | 28.76 | 107.10 | 27.83 | 98.60 | 25.74 | | | | | | |
| | 8.3 | 6.1 | 113.00 | 27.83 | 113.00 | 28.29 | 113.00 | 29.44 | 109.40 | 27.60 | 105.80 | 26.67 | 98.60 | 24.58 | | | | | | |
| | 9 | 7.9 | 116.80 | 28.07 | 116.80 | 28.54 | 113.00 | 27.60 | 109.40 | 26.67 | 105.80 | 25.51 | 98.60 | 23.67 | | | | | | |
| | 11 | 9.8 | 120.90 | 28.29 | 120.20 | 28.54 | 113.00 | 26.45 | 109.40 | 25.51 | 105.80 | 24.58 | 98.60 | 22.76 | | | | | | |
| | 13 | 11.8 | 125.18 | 28.54 | 120.20 | 27.36 | 113.00 | 25.51 | 109.40 | 24.58 | 105.80 | 23.67 | 98.60 | 21.90 | | | | | | |
| | 15 | 13.7 | 127.40 | 28.07 | 120.20 | 26.45 | 113.00 | 24.58 | 109.40 | 23.67 | 105.80 | 22.81 | 98.60 | 21.14 | | | | | | |
| | 19 | 14.2 | 127.40 | 27.32 | 120.20 | 25.54 | 113.00 | 23.97 | 109.40 | 22.67 | 105.80 | 21.94 | 98.60 | 20.57 | | | | | | |
| | 21 | 15 | 127.40 | 26.45 | 120.20 | 24.43 | 113.00 | 23.06 | 109.40 | 22.33 | 105.80 | 21.29 | 98.60 | 20.10 | | | | | | |
| 90 | -14.7 | -15 | 69.30 | 23.67 | 69.30 | 24.36 | 69.30 | 25.05 | 69.30 | 25.51 | 69.30 | 25.74 | 69.30 | 26.45 | | | | | | |
| | -12.6 | -13 | 73.40 | 24.36 | 73.40 | 25.05 | 73.40 | 25.74 | 73.40 | 25.98 | 73.40 | 26.45 | 73.40 | 27.14 | | | | | | |
| | -10.5 | -11 | 77.60 | 25.05 | 77.60 | 25.74 | 77.60 | 26.45 | 77.60 | 26.67 | 77.60 | 26.91 | 77.60 | 27.60 | | | | | | |
| | -9.5 | -10 | 79.90 | 25.29 | 79.90 | 25.98 | 79.90 | 26.67 | 79.90 | 26.91 | 79.90 | 27.14 | 79.90 | 27.83 | | | | | | |
| | -8.5 | -9.1 | 81.70 | 25.51 | 81.70 | 26.20 | 81.70 | 26.91 | 81.70 | 27.14 | 81.70 | 27.36 | 81.70 | 28.07 | | | | | | |
| | -7 | -7.6 | 84.90 | 25.98 | 84.90 | 26.67 | 84.90 | 27.14 | 84.90 | 27.36 | 84.90 | 27.60 | 84.90 | 28.29 | | | | | | |
| | -5 | -5.6 | 88.90 | 26.45 | 88.90 | 27.14 | 88.90 | 27.60 | 88.90 | 28.29 | 88.90 | 28.54 | 88.90 | 28.76 | | | | | | |
| | -3 | -3.7 | 92.80 | 26.91 | 92.80 | 27.60 | 92.80 | 28.07 | 92.80 | 28.29 | 92.80 | 28.54 | 92.80 | 28.76 | | | | | | |
| | 0 | -0.7 | 99.00 | 27.60 | 99.00 | 28.07 | 99.00 | 28.54 | 98.00 | 28.76 | 95.10 | 27.60 | 98.40 | 25.51 | | | | | | |
| | 3 | 2.2 | 104.80 | 28.07 | 104.80 | 28.54 | 101.60 | 27.83 | 98.10 | 26.91 | 95.10 | 25.74 | 88.40 | 23.89 | | | | | | |
| | 5 | 4.1 | 109.10 | 28.29 | 108.40 | 28.54 | 101.60 | 26.67 | 98.10 | 25.74 | 95.10 | 24.58 | 88.40 | 22.81 | | | | | | |
| | 8.3 | 6.1 | 113.00 | 28.54 | 108.40 | 27.36 | 101.60 | 25.51 | 98.10 | 24.58 | 95.10 | 23.67 | 88.40 | 21.91 | | | | | | |
| | 9 | 7.9 | 114.80 | 28.07 | 108.40 | 26.20 | 101.60 | 24.58 | 98.10 | 23.67 | 95.10 | 22.77 | 88.40 | 21.08 | | | | | | |
| | 11 | 9.8 | 114.80 | 26.91 | 108.40 | 25.29 | 101.60 | 23.67 | 98.10 | 22.73 | 95.10 | 21.91 | 88.40 | 20.32 | | | | | | |
| | 13 | 11.8 | 114.80 | 25.98 | 108.40 | 24.36 | 101.60 | 22.66 | 98.10 | 21.87 | 95.10 | 21.11 | 88.40 | 19.57 | | | | | | |
| | 15 | 13.7 | 114.80 | 25.05 | 108.40 | 23.42 | 101.60 | 21.87 | 98.10 | 21.14 | 95.10 | 20.39 | 88.40 | 18.91 | | | | | | |
| | 19 | 14.2 | 114.80 | 24.43 | 108.40 | 22.77 | 101.60 | 21.18 | 98.10 | 20.50 | 95.10 | 19.66 | 88.40 | 18.22 | | | | | | |
| | 21 | 15 | 114.80 | 23.53 | 108.40 | 21.91 | 101.60 | 20.79 | 98.10 | 19.82 | 95.10 | 18.95 | 88.40 | 17.47 | | | | | | |
| 80 | -14.7 | -15 | 69.30 | 25.05 | 69.30 | 25.74 | 69.30 | 26.45 | 69.30 | 26.67 | 69.30 | 26.91 | 69.30 | 27.60 | | | | | | |
| | -12.6 | -13 | 73.40 | 25.74 | 73.40 | 26.20 | 73.40 | 26.91 | 73.40 | 27.14 | 73.40 | 27.60 | 73.40 | 28.07 | | | | | | |
| | -10.5 | -11 | 77.60 | 26.20 | 77.60 | 26.91 | 77.60 | 27.36 | 77.60 | 27.83 | 77.60 | 28.07 | 77.60 | 28.54 | | | | | | |
| | -9.5 | -10 | 79.90 | 26.67 | 79.90 | 27.14 | 79.90 | 27.60 | 79.90 | 28.07 | 79.90 | 28.29 | 78.30 | 28.76 | | | | | | |
| | -8.5 | -9.1 | 81.70 | 26.91 | 81.70 | 27.36 | 81.70 | 27.83 | 81.70 | 28.29 | 81.70 | 28.54 | 78.80 | 28.29 | | | | | | |
| | -7 | -7.6 | 84.90 | 27.14 | 84.90 | 27.60 | 84.90 | 28.29 | 84.90 | 28.76 | 83.70 | 28.76 | 78.80 | 26.91 | | | | | | |
| | -5 | -5.6 | 88.90 | 27.60 | 88.90 | 28.07 | 88.90 | 28.54 | 87.20 | 28.76 | 84.60 | 27.60 | 78.80 | 25.51 | | | | | | |
| | -3 | -3.7 | 92.80 | 28.07 | 92.80 | 28.54 | 90.40 | 28.29 | 87.20 | 27.14 | 84.60 | 26.20 | 78.80 | 24.11 | | | | | | |
| | 0 | -0.7 | 99.00 | 28.54 | 96.10 | 28.07 | 90.40 | 26.20 | 87.20 | 25.29 | 84.60 | 24.11 | 78.80 | 22.41 | | | | | | |
| | 3 | 2.2 | 101.70 | 27.83 | 96.10 | 26.20 | 90.40 | 24.36 | 87.20 | 23.42 | 84.60 | 22.63 | 78.80 | 20.97 | | | | | | |
| | 5 | 4.1 | 101.70 | 26.67 | 96.10 | 25.05 | 90.40 | 23.42 | 87.20 | 22.49 | 84.60 | 21.69 | 78.80 | 20.10 | | | | | | |
| | 8.3 | 6.1 | 101.70 | 25.51 | 96.10 | 23.89 | 90.40 | 22.38 | 87.20 | 21.62 | 84.60 | 20.85 | 78.80 | 19.34 | | | | | | |
| | 9 | 7.9 | 101.70 | 24.58 | 96.10 | 23.03 | 90.40 | 21.51 | 87.20 | 20.78 | 84.60 | 20.06 | 78.80 | 18.62 | | | | | | |
| | 11 | 9.8 | 101.70 | 23.67 | 96.10 | 22.16 | 90.40 | 20.74 | 87.20 | 20.03 | 84.60 | 19.34 | 78.80 | 17.94 | | | | | | |
| | 13 | 11.8 | 101.70 | 22.76 | 96.10 | 21.33 | 90.40 | 19.96 | 87.20 | 19.30 | 84.60 | 18.62 | 78.80 | 17.32 | | | | | | |
| | 15 | 13.7 | 101.70 | 21.97 | 96.10 | 20.42 | 90.40 | 19.30 | 87.20 | 18.65 | 84.60 | 18.01 | 78.80 | 16.77 | | | | | | |
| | 19 | 14.2 | 101.70 | 21.21 | 96.10 | 20.06 | 90.40 | 18.52 | 87.20 | 17.96 | 84.60 | 17.25 | 78.80 | 16.35 | | | | | | |
| | 21 | 15 | 101.70 | 20.60 | 96.10 | 19.19 | 90.40 | 18.04 | 87.20 | 17.39 | 84.60 | 16.67 | 78.80 | 15.48 | | | | | | |

To be continued

Continued

Capacity table

| | | YCVI010HR | | | | | | | | Heating Capacity | | | | | | | |
|---------------------|---------------|----------------------|-------|-------|-------|-------|-------|-------|-------|------------------|-------|-------|-------|-------|----|----|----|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| 70 | °C DB | °C WB | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| | -14.7 | -15 | 69.30 | 26.45 | 69.30 | 27.14 | 69.30 | 27.60 | 69.30 | 27.83 | 69.30 | 28.07 | 67.70 | 28.76 | | | |
| | -12.6 | -13 | 73.40 | 27.14 | 73.40 | 27.60 | 73.40 | 28.07 | 73.40 | 28.29 | 72.40 | 28.76 | 68.90 | 27.60 | | | |
| | -10.5 | -11 | 77.60 | 27.60 | 77.60 | 28.07 | 77.40 | 28.54 | 75.80 | 28.76 | 73.90 | 27.83 | 68.90 | 25.74 | | | |
| | -9.5 | -10 | 79.90 | 27.83 | 79.90 | 28.29 | 78.50 | 28.76 | 76.40 | 28.07 | 73.90 | 26.91 | 68.90 | 24.82 | | | |
| | -8.5 | -9.1 | 81.70 | 28.07 | 81.70 | 28.54 | 79.20 | 28.29 | 76.40 | 27.36 | 73.90 | 26.20 | 68.90 | 24.36 | | | |
| | -7 | -7.6 | 84.70 | 28.29 | 83.50 | 28.76 | 79.20 | 27.14 | 76.40 | 25.98 | 73.90 | 25.05 | 68.90 | 23.20 | | | |
| | -5 | -5.6 | 88.30 | 28.76 | 84.20 | 27.36 | 79.20 | 25.51 | 76.40 | 24.58 | 73.90 | 23.67 | 68.90 | 21.97 | | | |
| | -3 | -3.7 | 89.20 | 27.83 | 84.20 | 25.98 | 79.20 | 24.36 | 76.40 | 23.42 | 73.90 | 22.56 | 68.90 | 20.90 | | | |
| | 0 | -0.7 | 89.20 | 25.74 | 84.20 | 24.11 | 79.20 | 22.52 | 76.40 | 21.73 | 73.90 | 20.94 | 68.90 | 19.44 | | | |
| | 3 | 2.2 | 89.20 | 24.11 | 84.20 | 22.52 | 79.20 | 21.04 | 76.40 | 20.32 | 73.90 | 19.63 | 68.90 | 18.22 | | | |
| | 5 | 4.1 | 89.20 | 23.02 | 84.20 | 21.59 | 79.20 | 20.21 | 76.40 | 19.51 | 73.90 | 18.84 | 68.90 | 17.51 | | | |
| | 8.3 | 6.1 | 89.20 | 22.08 | 84.20 | 20.74 | 79.20 | 19.41 | 76.40 | 18.76 | 73.90 | 18.11 | 68.90 | 16.86 | | | |
| | 9 | 7.9 | 89.20 | 21.25 | 84.20 | 19.95 | 79.20 | 18.69 | 76.40 | 18.07 | 73.90 | 17.47 | 68.90 | 16.27 | | | |
| | 11 | 9.8 | 89.20 | 20.46 | 84.20 | 19.23 | 79.20 | 18.04 | 76.40 | 17.43 | 73.90 | 16.71 | 68.90 | 15.70 | | | |
| | 13 | 11.8 | 89.20 | 19.71 | 84.20 | 18.54 | 79.20 | 17.39 | 76.40 | 16.85 | 73.90 | 16.27 | 68.90 | 15.16 | | | |
| | 15 | 13.7 | 89.20 | 19.05 | 84.20 | 17.93 | 79.20 | 16.85 | 76.40 | 16.28 | 73.90 | 15.74 | 68.90 | 14.69 | | | |
| | 19 | 14.2 | 89.20 | 18.08 | 84.20 | 17.43 | 79.20 | 16.38 | 76.40 | 15.52 | 73.90 | 14.86 | 68.90 | 14.10 | | | |
| | 21 | 15 | 89.20 | 17.43 | 84.20 | 16.57 | 79.20 | 15.63 | 76.40 | 14.80 | 73.90 | 14.11 | 68.90 | 13.32 | | | |
| 60 | -14.7 | -15 | 69.30 | 27.83 | 69.30 | 28.29 | 67.10 | 28.76 | 65.60 | 27.83 | 63.50 | 26.91 | 59.10 | 24.82 | | | |
| | -12.6 | -13 | 73.40 | 28.29 | 71.40 | 28.76 | 67.80 | 26.91 | 65.60 | 25.98 | 63.50 | 25.05 | 59.10 | 23.14 | | | |
| | -10.5 | -11 | 75.80 | 28.76 | 72.00 | 27.14 | 67.80 | 25.29 | 65.60 | 24.36 | 63.50 | 23.42 | 59.10 | 21.72 | | | |
| | -9.5 | -10 | 76.40 | 28.07 | 72.00 | 26.20 | 67.80 | 24.58 | 65.60 | 23.67 | 63.50 | 22.76 | 59.10 | 21.07 | | | |
| | -8.5 | -9.1 | 76.40 | 27.36 | 72.00 | 25.51 | 67.80 | 23.89 | 65.60 | 22.99 | 63.50 | 22.15 | 59.10 | 20.53 | | | |
| | -7 | -7.6 | 76.40 | 25.98 | 72.00 | 24.36 | 67.80 | 22.80 | 65.60 | 21.98 | 63.50 | 21.22 | 59.10 | 19.67 | | | |
| | -5 | -5.6 | 76.40 | 24.58 | 72.00 | 23.09 | 67.80 | 21.58 | 65.60 | 20.82 | 63.50 | 20.09 | 59.10 | 18.65 | | | |
| | -3 | -3.7 | 76.40 | 23.42 | 72.00 | 21.94 | 67.80 | 20.53 | 65.60 | 19.84 | 63.50 | 19.13 | 59.10 | 17.79 | | | |
| | 0 | -0.7 | 76.40 | 21.72 | 72.00 | 20.39 | 67.80 | 19.09 | 65.60 | 18.47 | 63.50 | 17.83 | 59.10 | 16.59 | | | |
| | 3 | 2.2 | 76.40 | 20.32 | 72.00 | 19.09 | 67.80 | 17.90 | 65.60 | 17.32 | 63.50 | 16.74 | 59.10 | 15.62 | | | |
| | 5 | 4.1 | 76.40 | 19.51 | 72.00 | 18.34 | 67.80 | 17.21 | 65.60 | 16.64 | 63.50 | 16.10 | 59.10 | 15.01 | | | |
| | 8.3 | 6.1 | 76.40 | 18.73 | 72.00 | 17.65 | 67.80 | 16.59 | 65.60 | 16.05 | 63.50 | 15.52 | 59.10 | 14.47 | | | |
| | 9 | 7.9 | 76.40 | 18.07 | 72.00 | 17.03 | 67.80 | 15.98 | 65.60 | 15.49 | 63.50 | 14.98 | 59.10 | 13.99 | | | |
| | 11 | 9.8 | 76.40 | 17.43 | 72.00 | 16.42 | 67.80 | 15.45 | 65.60 | 14.97 | 63.50 | 14.47 | 59.10 | 13.54 | | | |
| | 13 | 11.8 | 76.40 | 16.82 | 72.00 | 15.87 | 67.80 | 14.91 | 65.60 | 14.44 | 63.50 | 14.00 | 59.10 | 13.10 | | | |
| | 15 | 13.7 | 76.40 | 16.28 | 72.00 | 15.34 | 67.80 | 14.44 | 65.60 | 14.00 | 63.50 | 13.57 | 59.10 | 12.71 | | | |
| | 19 | 14.2 | 76.40 | 15.81 | 72.00 | 14.61 | 67.80 | 14.01 | 65.60 | 13.57 | 63.50 | 13.06 | 59.10 | 12.16 | | | |
| | 21 | 15 | 76.40 | 15.16 | 72.00 | 14.19 | 67.80 | 13.42 | 65.60 | 13.13 | 63.50 | 12.63 | 59.10 | 11.69 | | | |
| 50 | -14.7 | -15 | 63.80 | 26.91 | 60.10 | 25.29 | 56.60 | 23.67 | 54.60 | 22.77 | 52.80 | 21.94 | 49.10 | 20.35 | | | |
| | -12.6 | -13 | 63.80 | 25.29 | 60.10 | 23.67 | 56.60 | 22.04 | 54.60 | 21.29 | 52.80 | 20.53 | 49.10 | 19.05 | | | |
| | -10.5 | -11 | 63.80 | 23.67 | 60.10 | 22.12 | 56.60 | 20.68 | 54.60 | 19.99 | 52.80 | 19.30 | 49.10 | 17.93 | | | |
| | -9.5 | -10 | 63.80 | 22.87 | 60.10 | 21.46 | 56.60 | 20.09 | 54.60 | 19.41 | 52.80 | 18.73 | 49.10 | 17.42 | | | |
| | -8.5 | -9.1 | 63.80 | 22.27 | 60.10 | 20.90 | 56.60 | 19.57 | 54.60 | 18.91 | 52.80 | 18.26 | 49.10 | 16.97 | | | |
| | -7 | -7.6 | 63.80 | 21.33 | 60.10 | 20.03 | 56.60 | 18.76 | 54.60 | 18.14 | 52.80 | 17.54 | 49.10 | 16.32 | | | |
| | -5 | -5.6 | 63.80 | 20.21 | 60.10 | 18.99 | 56.60 | 17.82 | 54.60 | 17.24 | 52.80 | 16.64 | 49.10 | 15.52 | | | |
| | -3 | -3.7 | 63.80 | 19.24 | 60.10 | 18.11 | 56.60 | 17.00 | 54.60 | 16.45 | 52.80 | 15.91 | 49.10 | 14.84 | | | |
| | 0 | -0.7 | 63.80 | 17.93 | 60.10 | 16.89 | 56.60 | 15.87 | 54.60 | 15.37 | 52.80 | 14.87 | 49.10 | 13.89 | | | |
| | 3 | 2.2 | 63.80 | 16.82 | 60.10 | 15.87 | 56.60 | 14.94 | 54.60 | 14.47 | 52.80 | 14.00 | 49.10 | 13.10 | | | |
| | 5 | 4.1 | 63.80 | 16.20 | 60.10 | 15.29 | 56.60 | 14.39 | 54.60 | 13.93 | 52.80 | 13.43 | 49.10 | 12.63 | | | |
| | 8.3 | 6.1 | 63.80 | 15.59 | 60.10 | 14.73 | 56.60 | 13.86 | 54.60 | 13.46 | 52.80 | 13.03 | 49.10 | 12.23 | | | |
| | 9 | 7.9 | 63.80 | 15.05 | 60.10 | 14.22 | 56.60 | 13.42 | 54.60 | 13.02 | 52.80 | 12.62 | 49.10 | 11.83 | | | |
| | 11 | 9.8 | 63.80 | 14.54 | 60.10 | 13.75 | 56.60 | 12.99 | 54.60 | 12.59 | 52.80 | 12.23 | 49.10 | 11.47 | | | |
| | 13 | 11.8 | 63.80 | 14.08 | 60.10 | 13.31 | 56.60 | 12.56 | 54.60 | 12.20 | 52.80 | 11.83 | 49.10 | 11.11 | | | |
| | 15 | 13.7 | 63.80 | 13.64 | 60.10 | 12.92 | 56.60 | 12.20 | 54.60 | 11.84 | 52.80 | 11.48 | 49.10 | 10.82 | | | |
| | 19 | 14.2 | 63.80 | 13.21 | 60.10 | 12.41 | 56.60 | 11.77 | 54.60 | 11.33 | 52.80 | 11.08 | 49.10 | 10.33 | | | |
| | 21 | 15 | 63.80 | 12.34 | 60.10 | 12.06 | 56.60 | 11.47 | 54.60 | 10.85 | 52.80 | 10.65 | 49.10 | 9.92 | | | |

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

| | | YCV1080HR | | | | | | | | Heating Capacity | | | | | | | | | |
|---------------------|---------------|----------------------|--------|-------|--------|-------|--------|-------|--------|------------------|--------|-------|--------|-------|----|----|----|----|--|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | | | | | | |
| °C DB | | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | |
| 130 | -14.7 | -15 | 73.70 | 18.87 | 73.70 | 19.99 | 73.70 | 21.10 | 73.60 | 21.65 | 73.60 | 22.22 | 73.60 | 23.34 | | | | | |
| | -12.6 | -13 | 77.90 | 20.03 | 77.90 | 21.10 | 77.90 | 22.14 | 77.90 | 22.66 | 77.90 | 23.20 | 77.90 | 24.22 | | | | | |
| | -10.5 | -11 | 82.60 | 21.07 | 82.60 | 22.07 | 82.60 | 23.04 | 82.60 | 23.54 | 82.60 | 24.06 | 82.60 | 24.97 | | | | | |
| | -9.5 | -10 | 85.20 | 21.56 | 85.20 | 22.50 | 85.20 | 23.46 | 85.20 | 23.95 | 85.20 | 24.45 | 85.20 | 25.44 | | | | | |
| | -8.5 | -9.1 | 87.10 | 21.96 | 87.10 | 22.90 | 87.10 | 23.83 | 87.10 | 24.29 | 87.10 | 24.71 | 87.10 | 25.70 | | | | | |
| | -7 | -7.6 | 90.60 | 22.58 | 90.60 | 23.49 | 90.60 | 24.40 | 90.60 | 24.97 | 90.60 | 25.20 | 90.60 | 26.19 | | | | | |
| | -5 | -5.6 | 95.20 | 23.34 | 95.20 | 24.20 | 95.20 | 24.97 | 95.20 | 25.44 | 95.20 | 25.93 | 95.20 | 26.68 | | | | | |
| | -3 | -3.7 | 99.40 | 24.03 | 99.40 | 24.71 | 99.40 | 25.70 | 99.40 | 26.19 | 99.40 | 26.42 | 99.40 | 27.41 | | | | | |
| | 0 | -0.7 | 106.30 | 24.97 | 106.30 | 25.70 | 106.30 | 26.42 | 106.30 | 26.92 | 106.30 | 27.15 | 106.30 | 27.90 | | | | | |
| | 3 | 2.2 | 112.70 | 25.70 | 112.70 | 26.42 | 112.70 | 27.15 | 112.70 | 27.41 | 112.70 | 27.90 | 112.70 | 28.63 | | | | | |
| | 5 | 4.1 | 117.10 | 26.19 | 117.10 | 26.92 | 117.10 | 27.64 | 117.10 | 27.90 | 117.10 | 28.40 | 117.10 | 28.86 | | | | | |
| | 8.3 | 6.1 | 121.50 | 26.68 | 121.50 | 27.41 | 121.50 | 27.90 | 121.50 | 28.40 | 121.50 | 28.63 | 121.50 | 29.36 | | | | | |
| | 9 | 7.9 | 125.80 | 26.92 | 125.70 | 27.64 | 125.70 | 28.40 | 125.70 | 28.63 | 125.70 | 28.86 | 125.70 | 29.62 | | | | | |
| | 11 | 9.8 | 130.00 | 27.41 | 130.00 | 27.90 | 130.00 | 28.63 | 130.00 | 29.36 | 130.00 | 29.86 | 130.00 | 29.85 | | | | | |
| | 13 | 11.8 | 132.70 | 27.64 | 132.70 | 28.40 | 132.70 | 28.86 | 132.70 | 29.36 | 132.70 | 29.62 | 132.70 | 30.11 | | | | | |
| | 15 | 13.7 | 138.90 | 28.14 | 138.90 | 28.63 | 138.90 | 29.12 | 138.90 | 29.62 | 138.90 | 29.85 | 138.90 | 29.85 | | | | | |
| | 19 | 14.2 | 138.90 | 28.40 | 138.90 | 28.94 | 138.90 | 29.38 | 138.90 | 29.87 | 138.90 | 30.13 | 138.90 | 30.13 | | | | | |
| | 21 | 15 | 138.90 | 28.60 | 138.90 | 29.22 | 138.90 | 29.66 | 138.90 | 30.03 | 138.90 | 29.65 | 138.90 | 29.87 | | | | | |
| 120 | -14.7 | -15 | 73.70 | 20.37 | 73.60 | 21.41 | 73.60 | 22.43 | 73.60 | 22.95 | 73.60 | 23.46 | 73.60 | 24.48 | | | | | |
| | -12.6 | -13 | 77.90 | 21.47 | 77.90 | 22.43 | 77.90 | 23.38 | 77.90 | 23.88 | 77.90 | 24.37 | 77.90 | 25.44 | | | | | |
| | -10.5 | -11 | 82.60 | 22.43 | 82.60 | 23.32 | 82.60 | 24.22 | 82.60 | 24.71 | 82.60 | 25.20 | 82.60 | 26.19 | | | | | |
| | -9.5 | -10 | 85.20 | 22.86 | 85.20 | 23.72 | 85.20 | 24.71 | 85.20 | 24.97 | 85.20 | 25.44 | 85.20 | 26.42 | | | | | |
| | -8.5 | -9.1 | 87.10 | 23.23 | 87.10 | 24.08 | 87.10 | 24.97 | 87.10 | 25.44 | 87.10 | 25.93 | 87.10 | 26.68 | | | | | |
| | -7 | -7.6 | 90.60 | 23.80 | 90.60 | 24.71 | 90.60 | 25.44 | 90.60 | 25.93 | 90.60 | 26.21 | 90.60 | 27.15 | | | | | |
| | -5 | -5.6 | 95.20 | 24.48 | 95.20 | 25.20 | 95.20 | 26.19 | 95.20 | 26.42 | 95.20 | 26.97 | 95.20 | 27.64 | | | | | |
| | -3 | -3.7 | 99.40 | 25.20 | 99.40 | 25.93 | 99.40 | 26.68 | 99.40 | 26.92 | 99.40 | 27.49 | 99.40 | 28.14 | | | | | |
| | 0 | -0.7 | 106.30 | 25.93 | 106.30 | 26.68 | 106.30 | 27.41 | 106.30 | 27.64 | 106.30 | 28.14 | 106.30 | 28.86 | | | | | |
| | 3 | 2.2 | 112.70 | 26.68 | 112.70 | 27.41 | 112.70 | 28.14 | 112.70 | 28.40 | 112.70 | 28.63 | 112.70 | 29.36 | | | | | |
| | 5 | 4.1 | 117.10 | 27.15 | 117.10 | 27.64 | 117.10 | 28.40 | 117.10 | 28.63 | 117.10 | 29.12 | 117.10 | 29.62 | | | | | |
| | 8.3 | 6.1 | 121.50 | 27.41 | 121.50 | 28.14 | 121.50 | 28.86 | 121.50 | 29.12 | 121.50 | 29.36 | 121.50 | 30.11 | | | | | |
| | 9 | 7.9 | 125.70 | 27.90 | 125.70 | 28.40 | 125.70 | 29.12 | 125.70 | 29.36 | 125.70 | 29.62 | 125.70 | 30.34 | | | | | |
| | 11 | 9.8 | 130.00 | 28.14 | 130.00 | 28.86 | 130.00 | 29.36 | 130.00 | 29.62 | 130.00 | 29.85 | 130.00 | 29.85 | | | | | |
| | 13 | 11.8 | 132.70 | 28.63 | 132.70 | 29.12 | 132.70 | 29.62 | 132.70 | 29.85 | 132.70 | 30.34 | 132.70 | 30.34 | | | | | |
| | 15 | 13.7 | 138.90 | 28.86 | 138.90 | 29.36 | 138.90 | 29.85 | 138.90 | 30.11 | 138.90 | 30.67 | 138.90 | 30.67 | | | | | |
| | 19 | 14.2 | 138.90 | 29.10 | 138.90 | 29.62 | 138.90 | 29.88 | 138.90 | 29.82 | 138.90 | 30.10 | 138.90 | 30.10 | | | | | |
| | 21 | 15 | 138.90 | 29.41 | 138.90 | 29.85 | 138.90 | 30.06 | 138.90 | 29.59 | 138.90 | 28.21 | 138.90 | 28.40 | | | | | |
| 110 | -14.7 | -15 | 73.60 | 21.88 | 73.60 | 22.84 | 73.60 | 23.72 | 73.60 | 24.22 | 73.60 | 24.71 | 73.60 | 25.70 | | | | | |
| | -12.6 | -13 | 77.90 | 22.87 | 77.90 | 23.75 | 77.90 | 24.71 | 77.90 | 25.20 | 77.90 | 25.44 | 77.90 | 26.42 | | | | | |
| | -10.5 | -11 | 82.60 | 23.72 | 82.60 | 24.48 | 82.60 | 25.44 | 82.60 | 25.93 | 82.60 | 26.19 | 82.60 | 27.15 | | | | | |
| | -9.5 | -10 | 85.20 | 24.14 | 85.20 | 24.97 | 85.20 | 25.70 | 85.20 | 26.21 | 85.20 | 26.68 | 85.20 | 27.41 | | | | | |
| | -8.5 | -9.1 | 87.10 | 24.48 | 87.10 | 25.20 | 87.10 | 26.19 | 87.10 | 26.46 | 87.10 | 26.92 | 87.10 | 27.64 | | | | | |
| | -7 | -7.6 | 90.60 | 24.97 | 90.60 | 25.70 | 90.60 | 26.42 | 90.60 | 26.97 | 90.60 | 27.41 | 90.60 | 28.14 | | | | | |
| | -5 | -5.6 | 95.20 | 25.70 | 95.20 | 26.42 | 95.20 | 27.15 | 95.20 | 27.49 | 95.20 | 27.90 | 95.20 | 28.63 | | | | | |
| | -3 | -3.7 | 99.40 | 26.19 | 99.40 | 26.92 | 99.40 | 27.64 | 99.40 | 28.11 | 99.40 | 28.40 | 99.40 | 28.86 | | | | | |
| | 0 | -0.7 | 106.30 | 26.92 | 106.20 | 27.64 | 106.20 | 28.40 | 106.20 | 28.57 | 106.20 | 28.86 | 106.20 | 29.62 | | | | | |
| | 3 | 2.2 | 112.70 | 27.64 | 112.70 | 28.40 | 112.70 | 28.86 | 112.70 | 29.12 | 112.70 | 29.62 | 112.70 | 30.11 | | | | | |
| | 5 | 4.1 | 117.10 | 28.14 | 117.10 | 28.63 | 117.10 | 29.12 | 117.10 | 29.62 | 117.10 | 29.85 | 117.10 | 30.11 | | | | | |
| | 8.3 | 6.1 | 121.50 | 28.40 | 121.50 | 28.86 | 121.50 | 29.62 | 121.50 | 29.85 | 121.50 | 30.11 | 121.50 | 30.86 | | | | | |
| | 9 | 7.9 | 125.70 | 28.86 | 125.70 | 29.36 | 125.70 | 29.85 | 125.70 | 30.11 | 125.70 | 30.86 | 125.70 | 30.86 | | | | | |
| | 11 | 9.8 | 130.00 | 29.12 | 130.00 | 29.62 | 130.00 | 30.11 | 130.00 | 30.86 | 130.00 | 30.86 | 130.00 | 30.86 | | | | | |
| | 13 | 11.8 | 132.70 | 29.36 | 132.70 | 29.85 | 132.70 | 30.11 | 132.70 | 30.86 | 132.70 | 30.86 | 132.70 | 30.86 | | | | | |
| | 15 | 13.7 | 138.90 | 29.62 | 138.90 | 30.11 | 138.90 | 30.86 | 138.90 | 30.86 | 138.90 | 30.86 | 138.90 | 30.86 | | | | | |
| | 19 | 14.2 | 138.90 | 27.67 | 138.90 | 29.82 | 138.90 | 29.87 | 138.90 | 29.82 | 138.90 | 29.87 | 138.90 | 29.87 | | | | | |
| | 21 | 15 | 138.90 | 27.90 | 138.90 | 28.97 | 138.90 | 26.45 | 138.90 | 25.96 | 138.90 | 25.05 | 138.90 | 23.57 | | | | | |

To be continued

Continued

| | | YCV1080HR | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|---------------|----------------------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|----|----|--|----|--|
| Capacity Factor (%) | Outdoor Temp. | Heating Capacity | | | | | | | | | | | | | | | | | | | | | | | |
| | | Indoor Temp. (°C DB) | | | | 16 | | | | 18 | | | | 20 | | | | 21.1 | | | | 22 | | 24 | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | | | | |
| 100 | °C DB | °C WB | kW | kW | kW | | | | |
| | -14.7 | -15 | 73.60 | 23.38 | 73.60 | 24.24 | 73.60 | 25.20 | 73.60 | 25.44 | 73.60 | 25.93 | 73.60 | 26.92 | 73.60 | 27.15 | 73.60 | 27.36 | 73.60 | 27.41 | | | | | |
| | -12.6 | -13 | 77.90 | 24.29 | 77.90 | 25.20 | 77.90 | 25.93 | 77.90 | 26.19 | 77.90 | 26.68 | 77.90 | 27.41 | 77.90 | 27.64 | 77.90 | 27.79 | 77.90 | 27.81 | | | | | |
| | -10.5 | -11 | 82.60 | 25.20 | 82.60 | 25.93 | 82.60 | 26.68 | 82.60 | 26.92 | 82.60 | 27.41 | 82.60 | 28.20 | 82.60 | 28.40 | 82.60 | 28.63 | 82.60 | 28.81 | | | | | |
| | -9.5 | -10 | 85.20 | 25.44 | 85.20 | 26.19 | 85.20 | 26.92 | 85.20 | 27.41 | 85.20 | 27.64 | 85.20 | 28.40 | 85.20 | 28.80 | 85.20 | 28.80 | 85.20 | 28.80 | | | | | |
| | -8.5 | -9.1 | 87.10 | 25.70 | 87.10 | 26.42 | 87.10 | 27.15 | 87.10 | 27.74 | 87.10 | 27.90 | 87.10 | 28.63 | 87.10 | 28.80 | 87.10 | 28.80 | 87.10 | 28.80 | | | | | |
| | -7 | -7.6 | 90.60 | 26.19 | 90.60 | 26.92 | 90.60 | 27.64 | 90.60 | 28.21 | 90.60 | 28.80 | 90.60 | 29.40 | 90.60 | 29.86 | 90.60 | 29.86 | 90.60 | 29.86 | | | | | |
| | -5 | -5.6 | 95.20 | 26.92 | 95.20 | 27.41 | 95.20 | 28.14 | 95.20 | 28.83 | 95.20 | 29.50 | 95.20 | 29.86 | 95.20 | 29.86 | 95.20 | 29.86 | 95.20 | 29.86 | | | | | |
| | -3 | -3.7 | 99.40 | 27.41 | 99.40 | 27.90 | 99.40 | 28.63 | 99.40 | 29.22 | 99.40 | 29.82 | 99.40 | 29.82 | 99.40 | 29.82 | 99.40 | 29.82 | 99.40 | 29.82 | | | | | |
| | 0 | -0.7 | 106.20 | 28.14 | 106.20 | 28.63 | 106.20 | 29.12 | 106.20 | 29.60 | 106.20 | 29.85 | 106.20 | 30.34 | 106.20 | 30.34 | 106.20 | 30.34 | 106.20 | 30.34 | | | | | |
| | 3 | 2.2 | 112.70 | 28.63 | 112.70 | 29.12 | 112.70 | 29.85 | 112.70 | 30.11 | 112.70 | 30.34 | 112.70 | 30.60 | 112.70 | 30.60 | 112.70 | 30.60 | 112.70 | 30.60 | | | | | |
| | 5 | 4.1 | 117.10 | 28.86 | 117.10 | 29.62 | 117.10 | 30.11 | 117.10 | 30.34 | 117.10 | 30.60 | 117.10 | 30.93 | 117.10 | 31.25 | 117.10 | 31.56 | 117.10 | 31.87 | | | | | |
| | 8.3 | 6.1 | 121.50 | 29.36 | 121.50 | 29.85 | 121.50 | 30.17 | 121.50 | 30.77 | 121.50 | 31.37 | 121.50 | 31.97 | 121.50 | 32.57 | 121.50 | 33.17 | 121.50 | 33.77 | | | | | |
| | 9 | 7.9 | 125.70 | 29.62 | 125.70 | 30.11 | 125.70 | 29.92 | 125.70 | 30.77 | 125.70 | 31.42 | 125.70 | 32.02 | 125.70 | 32.62 | 125.70 | 33.22 | 125.70 | 33.82 | | | | | |
| | 11 | 9.8 | 130.00 | 29.85 | 129.30 | 30.11 | 129.30 | 29.92 | 129.30 | 30.77 | 129.30 | 31.42 | 129.30 | 32.02 | 129.30 | 32.62 | 129.30 | 33.22 | 129.30 | 33.82 | | | | | |
| | 13 | 11.8 | 132.70 | 30.11 | 129.30 | 28.86 | 129.30 | 29.92 | 129.30 | 30.77 | 129.30 | 31.42 | 129.30 | 32.02 | 129.30 | 32.62 | 129.30 | 33.22 | 129.30 | 33.82 | | | | | |
| | 15 | 13.7 | 136.90 | 29.62 | 129.30 | 27.90 | 129.30 | 28.63 | 129.30 | 29.32 | 129.30 | 29.92 | 129.30 | 30.52 | 129.30 | 31.12 | 129.30 | 31.72 | 129.30 | 32.32 | | | | | |
| | 19 | 14.2 | 136.90 | 28.83 | 129.30 | 26.95 | 129.30 | 25.28 | 129.30 | 23.93 | 129.30 | 21.37 | 129.30 | 23.15 | 129.30 | 20.60 | 129.30 | 21.70 | 129.30 | 20.60 | | | | | |
| | 21 | 15 | 136.90 | 27.90 | 129.30 | 25.77 | 129.30 | 24.34 | 129.30 | 21.37 | 129.30 | 23.57 | 129.30 | 21.70 | 129.30 | 22.45 | 129.30 | 20.60 | 129.30 | 21.21 | | | | | |
| 90 | -14.7 | -15 | 73.60 | 24.97 | 73.60 | 25.70 | 73.60 | 26.42 | 73.60 | 26.92 | 73.60 | 27.15 | 73.60 | 27.90 | 73.60 | 27.90 | 73.60 | 27.90 | 73.60 | 27.90 | | | | | |
| | -12.6 | -13 | 77.90 | 25.70 | 77.90 | 26.42 | 77.90 | 27.15 | 77.90 | 27.41 | 77.90 | 27.90 | 77.90 | 28.63 | 77.90 | 28.63 | 77.90 | 28.63 | 77.90 | 28.63 | | | | | |
| | -10.5 | -11 | 82.60 | 26.42 | 82.60 | 27.15 | 82.60 | 27.90 | 82.60 | 28.14 | 82.60 | 28.40 | 82.60 | 28.63 | 82.60 | 29.12 | 82.60 | 29.12 | 82.60 | 29.12 | | | | | |
| | -9.5 | -10 | 85.20 | 26.68 | 85.20 | 27.41 | 85.20 | 28.14 | 85.20 | 28.40 | 85.20 | 28.63 | 85.20 | 29.36 | 85.20 | 29.36 | 85.20 | 29.36 | 85.20 | 29.36 | | | | | |
| | -8.5 | -9.1 | 87.10 | 26.92 | 87.10 | 27.64 | 87.10 | 28.40 | 87.10 | 28.63 | 87.10 | 28.86 | 87.10 | 29.62 | 87.10 | 29.86 | 87.10 | 29.86 | 87.10 | 29.86 | | | | | |
| | -7 | -7.6 | 90.60 | 27.41 | 90.60 | 28.14 | 90.60 | 28.63 | 90.60 | 29.36 | 90.60 | 29.86 | 90.60 | 29.86 | 90.60 | 29.86 | 90.60 | 29.86 | 90.60 | 29.86 | | | | | |
| | -5 | -5.6 | 95.20 | 27.90 | 95.20 | 28.63 | 95.20 | 29.12 | 95.20 | 29.36 | 95.20 | 29.86 | 95.20 | 29.86 | 95.20 | 29.86 | 95.20 | 29.86 | 95.20 | 29.86 | | | | | |
| | -3 | -3.7 | 99.40 | 28.40 | 99.40 | 29.12 | 99.40 | 29.62 | 99.40 | 30.21 | 99.40 | 29.85 | 99.40 | 30.11 | 99.40 | 30.50 | 99.40 | 30.90 | 99.40 | 31.29 | | | | | |
| | 0 | -0.7 | 106.20 | 29.12 | 106.20 | 29.62 | 106.20 | 30.11 | 106.20 | 30.50 | 106.20 | 30.89 | 106.20 | 31.29 | 106.20 | 31.68 | 106.20 | 32.07 | 106.20 | 32.46 | | | | | |
| | 3 | 2.2 | 112.70 | 29.62 | 112.70 | 30.11 | 112.70 | 29.92 | 112.70 | 30.77 | 112.70 | 31.42 | 112.70 | 32.02 | 112.70 | 32.62 | 112.70 | 33.22 | 112.70 | 33.82 | | | | | |
| | 5 | 4.1 | 117.10 | 29.85 | 116.70 | 30.11 | 116.70 | 29.92 | 116.70 | 30.77 | 116.70 | 31.42 | 116.70 | 32.02 | 116.70 | 32.62 | 116.70 | 33.22 | 116.70 | 33.82 | | | | | |
| | 8.3 | 6.1 | 121.50 | 30.11 | 116.70 | 28.86 | 116.70 | 29.92 | 116.70 | 30.77 | 116.70 | 31.42 | 116.70 | 32.02 | 116.70 | 32.62 | 116.70 | 33.22 | 116.70 | 33.82 | | | | | |
| | 9 | 7.9 | 123.60 | 29.62 | 116.70 | 27.64 | 116.70 | 28.14 | 116.70 | 28.86 | 116.70 | 29.53 | 116.70 | 30.11 | 116.70 | 30.77 | 116.70 | 31.42 | 116.70 | 32.02 | | | | | |
| | 11 | 9.8 | 123.60 | 28.40 | 116.70 | 26.68 | 116.70 | 27.64 | 116.70 | 28.14 | 116.70 | 28.86 | 116.70 | 29.53 | 116.70 | 30.11 | 116.70 | 30.77 | 116.70 | 31.42 | | | | | |
| | 13 | 11.8 | 123.60 | 27.41 | 116.70 | 25.70 | 116.70 | 26.68 | 116.70 | 27.64 | 116.70 | 28.14 | 116.70 | 28.86 | 116.70 | 29.53 | 116.70 | 30.11 | 116.70 | 30.77 | | | | | |
| | 15 | 13.7 | 123.60 | 26.42 | 116.70 | 24.71 | 116.70 | 25.70 | 116.70 | 26.68 | 116.70 | 27.64 | 116.70 | 28.14 | 116.70 | 28.86 | 116.70 | 29.53 | 116.70 | 30.11 | | | | | |
| | 19 | 14.2 | 123.60 | 25.77 | 116.70 | 24.01 | 116.70 | 22.50 | 116.70 | 21.07 | 116.70 | 19.39 | 116.70 | 20.35 | 116.70 | 19.68 | 116.70 | 19.02 | 116.70 | 18.46 | | | | | |
| | 21 | 15 | 123.60 | 21.75 | 103.40 | 20.25 | 103.40 | 19.03 | 103.40 | 18.33 | 103.40 | 17.58 | 103.40 | 16.35 | 103.40 | 15.50 | 103.40 | 14.67 | 103.40 | 13.83 | | | | | |
| 80 | -14.7 | -15 | 73.60 | 26.42 | 73.60 | 27.15 | 73.60 | 27.90 | 73.60 | 28.14 | 73.60 | 28.40 | 73.60 | 29.12 | 73.60 | 29.62 | 73.60 | 30.11 | 73.60 | 30.60 | | | | | |
| | -12.6 | -13 | 77.90 | 27.15 | 77.90 | 27.64 | 77.90 | 28.40 | 77.90 | 28.63 | 77.90 | 29.12 | 77.90 | 29.62 | 77.90 | 30.11 | 77.90 | 30.60 | 77.90 | 30.60 | | | | | |
| | -10.5 | -11 | 82.60 | 27.64 | 82.60 | 28.40 | 82.60 | 28.86 | 82.60 | 29.36 | 82.60 | 29.62 | 82.60 | 29.85 | 82.60 | 30.11 | 82.60 | 30.60 | 82.60 | 30.60 | | | | | |
| | -9.5 | -10 | 85.20 | 28.14 | 85.20 | 28.63 | 85.20 | 29.12 | 85.20 | 29.53 | 85.20 | 29.85 | 85.20 | 30.11 | 85.20 | 30.40 | 85.20 | 30.77 | 85.20 | 31.11 | | | | | |
| | -8.5 | -9.1 | 87.10 | 28.40 | 87.10 | 28.86 | 87.10 | 29.36 | 87.10 | 29.85 | 87.10 | 30.21 | 87.10 | 30.50 | 87.10 | 30.89 | 87.10 | 31.29 | 87.10 | 31.68 | | | | | |
| | -7 | -7.6 | 90.60 | 28.63 | 90.60 | 29.12 | 90.60 | 29.53 | 90.60 | 29.86 | 90.60 | 30.21 | 90.60 | 30.50 | 90.60 | 30.89 | 90.60 | 31.29 | 90.60 | 31.68 | | | | | |
| | -5 | -5.6 | 95.20 | 29.12 | 95.20 | 29.62 | 95.20 | 30.11 | 95.20 | 29.85 | 95.20 | 30.21 | 95.20 | 30.50 | 95.20 | 30.89 | 95.20 | 31.29 | 95.20 | 31.68 | | | | | |
| | -3 | -3.7 | 99.40 | 29.62 | 99.40 | 30.11 | 99.40 | 29.85 | 99.40 | 30.21 | 99.40 | 30.50 | 99.40 | 30.89 | 99.40 | 31.29 | 99.40 | 31.68 | 99.40 | 32.07 | | | | | |
| | 0 | -0.7 | 106.20 | 30.11 | 103.40 | 29.62 | 103.40 | 27.90 | 103.40 | 26.42 | 103.40 | 24.71 | 103.40 | 23.72 | 103.40 | 22.81 | 103.40 | 21.93 | 103.40 | 21.02 | | | | | |
| | 3 | 2.2 | 109.70 | 29.36 | 103.40 | 27.64 | 103.40 | 25.70 | 103.40 | 24.71 | 103.40 | 23.72 | 103.40 | 22.81 | 103.40 | 21.93 | 103.40 | 21.02 | 103.40 | 20.11 | | | | | |
| | 5 | 4.1 | 109.70 | 28.14 | 103.40 | 26.42 | 103.40 | 24.71 | 103.40 | 23.62 | 103.40 | 22.81 | 103.40 | 21.93 | 103.40 | 21.02 | | | | | | | | | |

Continued

| | | YCV1080HR | | | | | | | | Heating Capacity | | | | | | | | | | |
|---------------------|---------------|----------------------|-------|-------|-------|-------|-------|-------|-------|------------------|-------|-------|-------|-------|----|----|----|----|----|----|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | |
| 70 | °C DB | °C WB | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| | -14.7 | -15 | 73.60 | 27.90 | 73.60 | 28.63 | 73.60 | 29.12 | 73.60 | 29.36 | 73.60 | 29.62 | 72.80 | 30.34 | | | | | | |
| | -12.6 | -13 | 77.90 | 28.63 | 77.90 | 29.12 | 77.90 | 29.62 | 77.90 | 29.85 | 77.40 | 30.34 | 74.00 | 29.12 | | | | | | |
| | -10.5 | -11 | 82.60 | 29.12 | 82.60 | 29.62 | 82.50 | 30.11 | 81.70 | 30.34 | 79.60 | 29.36 | 74.00 | 27.15 | | | | | | |
| | -9.5 | -10 | 85.20 | 29.36 | 85.20 | 29.85 | 84.50 | 30.34 | 82.30 | 29.62 | 79.60 | 28.40 | 74.00 | 26.19 | | | | | | |
| | -8.5 | -9.1 | 87.10 | 29.62 | 87.10 | 30.11 | 85.30 | 29.85 | 82.30 | 28.86 | 79.60 | 27.64 | 74.00 | 25.70 | | | | | | |
| | -7 | -7.6 | 90.50 | 29.85 | 89.90 | 30.34 | 85.30 | 28.63 | 82.30 | 27.41 | 79.60 | 26.42 | 74.00 | 24.48 | | | | | | |
| | -5 | -5.6 | 94.90 | 30.34 | 90.50 | 28.86 | 85.30 | 26.92 | 82.30 | 25.93 | 79.60 | 24.97 | 74.00 | 23.18 | | | | | | |
| | -3 | -3.7 | 96.10 | 29.36 | 90.50 | 27.41 | 85.30 | 25.70 | 82.30 | 24.71 | 79.60 | 23.80 | 74.00 | 22.04 | | | | | | |
| | 0 | -0.7 | 96.10 | 27.15 | 90.50 | 25.44 | 85.30 | 23.75 | 82.30 | 22.92 | 79.60 | 22.09 | 74.00 | 20.51 | | | | | | |
| | 3 | 2.2 | 96.10 | 25.44 | 90.50 | 23.75 | 85.30 | 22.19 | 82.30 | 21.44 | 79.60 | 20.71 | 74.00 | 19.21 | | | | | | |
| | 5 | 4.1 | 96.10 | 24.27 | 90.50 | 22.78 | 85.30 | 21.31 | 82.30 | 20.59 | 79.60 | 19.88 | 74.00 | 18.48 | | | | | | |
| | 8.3 | 6.1 | 96.10 | 23.29 | 90.50 | 21.88 | 85.30 | 20.48 | 82.30 | 19.80 | 79.60 | 19.11 | 74.00 | 17.78 | | | | | | |
| | 9 | 7.9 | 96.10 | 22.43 | 90.50 | 21.05 | 85.30 | 19.72 | 82.30 | 19.06 | 79.60 | 18.43 | 74.00 | 17.16 | | | | | | |
| | 11 | 9.8 | 96.10 | 21.57 | 90.50 | 20.30 | 85.30 | 19.03 | 82.30 | 18.40 | 79.60 | 17.64 | 74.00 | 16.56 | | | | | | |
| | 13 | 11.8 | 96.10 | 20.79 | 90.50 | 19.55 | 85.30 | 18.35 | 82.30 | 17.76 | 79.60 | 17.16 | 74.00 | 16.01 | | | | | | |
| | 15 | 13.7 | 96.10 | 20.09 | 90.50 | 18.92 | 85.30 | 17.76 | 82.30 | 17.18 | 79.60 | 16.61 | 74.00 | 15.51 | | | | | | |
| | 19 | 14.2 | 96.10 | 19.08 | 90.50 | 18.40 | 85.30 | 17.27 | 82.30 | 16.38 | 79.60 | 15.68 | 74.00 | 14.88 | | | | | | |
| | 21 | 15 | 96.10 | 18.40 | 90.50 | 17.49 | 85.30 | 16.48 | 82.30 | 15.62 | 79.60 | 14.90 | 74.00 | 14.06 | | | | | | |
| 60 | °C DB | °C WB | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| | -14.7 | -15 | 73.60 | 29.36 | 73.60 | 29.85 | 72.50 | 30.34 | 70.50 | 29.36 | 68.30 | 28.40 | 63.50 | 26.19 | | | | | | |
| | -12.6 | -13 | 77.90 | 29.85 | 76.90 | 30.34 | 72.90 | 28.40 | 70.50 | 27.41 | 68.30 | 26.42 | 63.50 | 24.42 | | | | | | |
| | -10.5 | -11 | 81.70 | 30.34 | 77.50 | 28.63 | 72.90 | 26.68 | 70.50 | 25.70 | 68.30 | 24.71 | 63.50 | 22.90 | | | | | | |
| | -9.5 | -10 | 82.30 | 29.62 | 77.50 | 27.64 | 72.90 | 25.93 | 70.50 | 24.97 | 68.30 | 24.01 | 63.50 | 22.22 | | | | | | |
| | -8.5 | -9.1 | 82.30 | 28.86 | 77.50 | 26.92 | 72.90 | 25.20 | 70.50 | 24.24 | 68.30 | 23.36 | 63.50 | 21.65 | | | | | | |
| | -7 | -7.6 | 82.30 | 27.41 | 77.50 | 25.70 | 72.90 | 24.06 | 70.50 | 23.20 | 68.30 | 22.40 | 63.50 | 20.74 | | | | | | |
| | -5 | -5.6 | 82.30 | 25.93 | 77.50 | 24.35 | 72.90 | 22.76 | 70.50 | 21.98 | 68.30 | 21.19 | 63.50 | 19.68 | | | | | | |
| | -3 | -3.7 | 82.30 | 24.71 | 77.50 | 23.15 | 72.90 | 21.65 | 70.50 | 20.93 | 68.30 | 20.19 | 63.50 | 18.77 | | | | | | |
| | 0 | -0.7 | 82.30 | 22.90 | 77.50 | 21.52 | 72.90 | 20.14 | 70.50 | 19.47 | 68.30 | 18.82 | 63.50 | 17.50 | | | | | | |
| | 3 | 2.2 | 82.30 | 21.44 | 77.50 | 20.14 | 72.90 | 18.89 | 70.50 | 18.27 | 68.30 | 17.67 | 63.50 | 16.46 | | | | | | |
| | 5 | 4.1 | 82.30 | 20.59 | 77.50 | 19.36 | 72.90 | 18.17 | 70.50 | 17.57 | 68.30 | 16.98 | 63.50 | 15.83 | | | | | | |
| | 8.3 | 6.1 | 82.30 | 19.77 | 77.50 | 18.61 | 72.90 | 17.50 | 70.50 | 16.93 | 68.30 | 16.38 | 63.50 | 15.26 | | | | | | |
| | 9 | 7.9 | 82.30 | 19.06 | 77.50 | 17.96 | 72.90 | 16.87 | 70.50 | 16.35 | 68.30 | 15.81 | 63.50 | 14.75 | | | | | | |
| | 11 | 9.8 | 82.30 | 18.40 | 77.50 | 17.32 | 72.90 | 16.30 | 70.50 | 15.79 | 68.30 | 15.26 | 63.50 | 14.30 | | | | | | |
| | 13 | 11.8 | 82.30 | 17.73 | 77.50 | 16.74 | 72.90 | 15.73 | 70.50 | 15.23 | 68.30 | 14.77 | 63.50 | 13.83 | | | | | | |
| | 15 | 13.7 | 82.30 | 17.18 | 77.50 | 16.19 | 72.90 | 15.23 | 70.50 | 14.77 | 68.30 | 14.32 | 63.50 | 13.41 | | | | | | |
| | 19 | 14.2 | 82.30 | 16.69 | 77.50 | 15.42 | 72.90 | 14.77 | 70.50 | 14.32 | 68.30 | 13.78 | 63.50 | 12.82 | | | | | | |
| | 21 | 15 | 82.30 | 15.99 | 77.50 | 14.97 | 72.90 | 14.15 | 70.50 | 13.86 | 68.30 | 13.34 | 63.50 | 12.33 | | | | | | |
| 50 | °C DB | °C WB | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| | -14.7 | -15 | 68.40 | 28.40 | 64.60 | 26.68 | 60.80 | 24.97 | 58.60 | 24.03 | 56.70 | 23.15 | 52.90 | 21.47 | | | | | | |
| | -12.6 | -13 | 68.40 | 26.68 | 64.60 | 24.97 | 60.80 | 23.26 | 58.60 | 22.45 | 56.70 | 21.65 | 52.90 | 20.09 | | | | | | |
| | -10.5 | -11 | 68.40 | 24.97 | 64.60 | 23.34 | 60.80 | 21.83 | 58.60 | 21.10 | 56.70 | 20.35 | 52.90 | 18.92 | | | | | | |
| | -9.5 | -10 | 68.40 | 24.14 | 64.60 | 22.64 | 60.80 | 21.19 | 58.60 | 20.48 | 56.70 | 19.77 | 52.90 | 18.38 | | | | | | |
| | -8.5 | -9.1 | 68.40 | 23.49 | 64.60 | 22.04 | 60.80 | 20.65 | 58.60 | 19.94 | 56.70 | 19.26 | 52.90 | 17.91 | | | | | | |
| | -7 | -7.6 | 68.40 | 22.50 | 64.60 | 21.15 | 60.80 | 19.80 | 58.60 | 19.13 | 56.70 | 18.51 | 52.90 | 17.23 | | | | | | |
| | -5 | -5.6 | 68.40 | 21.31 | 64.60 | 20.03 | 60.80 | 18.80 | 58.60 | 18.18 | 56.70 | 17.57 | 52.90 | 16.38 | | | | | | |
| | -3 | -3.7 | 68.40 | 20.30 | 64.60 | 19.11 | 60.80 | 17.93 | 58.60 | 17.34 | 56.70 | 16.79 | 52.90 | 15.65 | | | | | | |
| | 0 | -0.7 | 68.40 | 18.92 | 64.60 | 17.81 | 60.80 | 16.74 | 58.60 | 16.22 | 56.70 | 15.68 | 52.90 | 14.66 | | | | | | |
| | 3 | 2.2 | 68.40 | 17.73 | 64.60 | 16.74 | 60.80 | 15.76 | 58.60 | 15.26 | 56.70 | 14.77 | 52.90 | 13.83 | | | | | | |
| | 5 | 4.1 | 68.40 | 17.08 | 64.60 | 16.12 | 60.80 | 15.19 | 58.60 | 14.71 | 56.70 | 13.95 | 52.90 | 13.34 | | | | | | |
| | 8.3 | 6.1 | 68.40 | 16.45 | 64.60 | 15.54 | 60.80 | 14.63 | 58.60 | 14.20 | 56.70 | 13.75 | 52.90 | 12.90 | | | | | | |
| | 9 | 7.9 | 68.40 | 15.88 | 64.60 | 15.00 | 60.80 | 14.15 | 58.60 | 13.73 | 56.70 | 13.32 | 52.90 | 12.49 | | | | | | |
| | 11 | 9.8 | 68.40 | 15.34 | 64.60 | 14.51 | 60.80 | 13.70 | 58.60 | 13.29 | 56.70 | 12.90 | 52.90 | 12.10 | | | | | | |
| | 13 | 11.8 | 68.40 | 14.85 | 64.60 | 14.04 | 60.80 | 13.26 | 58.60 | 12.87 | 56.70 | 12.49 | 52.90 | 11.73 | | | | | | |
| | 15 | 13.7 | 68.40 | 14.38 | 64.60 | 13.63 | 60.80 | 12.87 | 58.60 | 12.50 | 56.70 | 12.12 | 52.90 | 11.40 | | | | | | |
| | 19 | 14.2 | 68.40 | 13.94 | 64.60 | 13.09 | 60.80 | 12.41 | 58.60 | 11.94 | 56.70 | 11.70 | 52.90 | 10.90 | | | | | | |
| | 21 | 15 | 68.40 | 13.03 | 64.60 | 12.72 | 60.80 | 12.10 | 58.60 | 11.45 | 56.70 | 11.24 | 52.90 | 10.46 | | | | | | |

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

| | | YCVII30HR | | | | | | | | | | Heating Capacity | | | | | | | |
|---------------------|---------------|----------------------|--------|-------|--------|-------|--------|-------|--------|-------|--------|------------------|--------|-------|----|----|----|----|--|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | | |
| °C DB | | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | |
| 130 | -14.7 | -15 | 76.20 | 19.89 | 76.20 | 21.07 | 76.20 | 22.23 | 76.10 | 22.82 | 76.10 | 23.42 | 76.10 | 24.59 | | | | | |
| | -12.6 | -13 | 80.70 | 21.12 | 80.70 | 22.23 | 80.70 | 23.34 | 80.70 | 23.87 | 80.70 | 24.44 | 80.70 | 25.53 | | | | | |
| | -10.5 | -11 | 85.60 | 22.20 | 85.60 | 23.26 | 85.60 | 24.29 | 85.60 | 24.81 | 85.60 | 25.35 | 85.60 | 26.32 | | | | | |
| | -9.5 | -10 | 88.30 | 22.72 | 88.30 | 23.72 | 88.30 | 24.72 | 88.30 | 25.24 | 88.30 | 25.76 | 88.30 | 26.81 | | | | | |
| | -8.5 | -9.1 | 90.30 | 23.14 | 90.30 | 24.14 | 90.30 | 25.11 | 90.30 | 25.61 | 90.30 | 26.04 | 90.30 | 27.08 | | | | | |
| | -7 | -7.6 | 93.90 | 23.80 | 93.90 | 24.76 | 93.90 | 25.71 | 93.90 | 26.32 | 93.90 | 26.56 | 93.90 | 27.60 | | | | | |
| | -5 | -5.6 | 98.70 | 24.59 | 98.70 | 25.50 | 98.70 | 26.32 | 98.70 | 26.81 | 98.70 | 27.33 | 98.70 | 28.12 | | | | | |
| | -3 | -3.7 | 103.20 | 25.32 | 103.20 | 26.04 | 103.20 | 27.08 | 103.20 | 27.60 | 103.20 | 27.85 | 103.20 | 28.88 | | | | | |
| | 0 | -0.7 | 110.50 | 26.32 | 110.50 | 27.08 | 110.50 | 27.85 | 110.50 | 28.36 | 110.50 | 28.62 | 110.50 | 29.41 | | | | | |
| | 3 | 2.2 | 117.20 | 27.08 | 117.20 | 27.85 | 117.20 | 28.62 | 117.20 | 28.88 | 117.20 | 29.41 | 117.20 | 30.17 | | | | | |
| | 5 | 4.1 | 121.90 | 27.60 | 121.90 | 28.36 | 121.90 | 29.13 | 121.90 | 29.41 | 121.90 | 29.92 | 121.90 | 30.42 | | | | | |
| | 8.3 | 6.1 | 126.50 | 28.12 | 126.50 | 28.88 | 126.50 | 29.41 | 126.50 | 29.92 | 126.50 | 30.17 | 126.50 | 30.94 | | | | | |
| | 9 | 7.9 | 131.00 | 28.36 | 130.90 | 29.13 | 130.90 | 29.92 | 130.90 | 30.17 | 130.90 | 30.42 | 130.90 | 31.21 | | | | | |
| | 11 | 9.8 | 135.50 | 28.88 | 135.50 | 29.41 | 135.50 | 30.17 | 135.50 | 30.42 | 135.50 | 30.94 | 135.50 | 31.45 | | | | | |
| | 13 | 11.8 | 139.48 | 29.13 | 139.48 | 29.92 | 139.48 | 30.42 | 139.48 | 30.94 | 139.48 | 31.21 | 139.48 | 31.73 | | | | | |
| | 15 | 13.7 | 144.90 | 29.65 | 144.80 | 30.17 | 144.80 | 30.69 | 144.80 | 31.21 | 144.80 | 31.45 | 144.80 | 31.45 | | | | | |
| | 19 | 14.2 | 144.90 | 29.93 | 144.80 | 30.49 | 144.80 | 30.97 | 144.80 | 31.47 | 144.80 | 31.75 | 143.30 | 30.83 | | | | | |
| | 21 | 15 | 144.90 | 30.15 | 144.80 | 30.78 | 144.80 | 31.27 | 144.80 | 31.65 | 144.80 | 31.25 | 143.30 | 30.52 | | | | | |
| 120 | -14.7 | -15 | 76.20 | 21.47 | 76.10 | 22.56 | 76.10 | 23.64 | 76.10 | 24.19 | 76.10 | 24.72 | 76.10 | 25.79 | | | | | |
| | -12.6 | -13 | 80.70 | 22.62 | 80.70 | 23.63 | 80.70 | 24.64 | 80.70 | 25.16 | 80.70 | 25.69 | 80.70 | 26.81 | | | | | |
| | -10.5 | -11 | 85.60 | 23.63 | 85.60 | 24.57 | 85.60 | 25.53 | 85.60 | 26.04 | 85.60 | 26.56 | 85.60 | 27.60 | | | | | |
| | -9.5 | -10 | 88.30 | 24.09 | 88.30 | 25.01 | 88.30 | 26.04 | 88.30 | 26.32 | 88.30 | 26.81 | 88.30 | 27.85 | | | | | |
| | -8.5 | -9.1 | 90.30 | 24.47 | 90.30 | 25.37 | 90.30 | 26.32 | 90.30 | 26.81 | 90.30 | 27.33 | 90.30 | 28.12 | | | | | |
| | -7 | -7.6 | 93.90 | 25.08 | 93.90 | 26.04 | 93.90 | 26.81 | 93.90 | 27.33 | 93.90 | 27.64 | 93.90 | 28.62 | | | | | |
| | -5 | -5.6 | 98.70 | 25.79 | 98.70 | 26.56 | 98.70 | 27.60 | 98.70 | 28.55 | 98.70 | 28.42 | 98.70 | 29.13 | | | | | |
| | -3 | -3.7 | 103.20 | 26.56 | 103.20 | 27.33 | 103.20 | 28.12 | 103.20 | 28.36 | 103.20 | 28.94 | 103.20 | 29.65 | | | | | |
| | 0 | -0.7 | 110.50 | 27.33 | 110.50 | 28.12 | 110.50 | 28.88 | 110.50 | 29.13 | 110.50 | 29.65 | 110.50 | 30.42 | | | | | |
| | 3 | 2.2 | 117.20 | 28.12 | 117.20 | 28.88 | 117.20 | 29.65 | 117.20 | 29.92 | 117.20 | 30.17 | 117.20 | 30.94 | | | | | |
| | 5 | 4.1 | 121.90 | 28.62 | 121.90 | 29.13 | 121.90 | 29.92 | 121.90 | 30.17 | 121.90 | 30.69 | 121.90 | 31.21 | | | | | |
| | 8.3 | 6.1 | 126.50 | 28.88 | 126.50 | 29.65 | 126.50 | 30.42 | 126.50 | 30.69 | 126.50 | 30.94 | 126.50 | 31.73 | | | | | |
| | 9 | 7.9 | 130.90 | 29.41 | 130.90 | 29.92 | 130.90 | 30.69 | 130.90 | 30.94 | 130.90 | 31.21 | 130.90 | 31.98 | | | | | |
| | 11 | 9.8 | 135.50 | 29.65 | 135.50 | 30.42 | 135.50 | 30.94 | 135.50 | 31.21 | 135.50 | 31.45 | 135.50 | 31.45 | | | | | |
| | 13 | 11.8 | 139.48 | 30.17 | 139.48 | 30.69 | 139.48 | 31.21 | 139.48 | 31.45 | 139.48 | 31.98 | 139.48 | 31.98 | | | | | |
| | 15 | 13.7 | 144.80 | 30.42 | 144.80 | 30.94 | 144.80 | 31.45 | 144.80 | 31.73 | 142.30 | 31.21 | 132.30 | 28.62 | | | | | |
| | 19 | 14.2 | 144.80 | 30.68 | 144.80 | 31.21 | 144.80 | 31.49 | 144.80 | 31.42 | 142.30 | 30.68 | 132.30 | 27.93 | | | | | |
| | 21 | 15 | 144.80 | 31.00 | 144.80 | 31.45 | 144.80 | 31.68 | 144.80 | 31.18 | 142.30 | 29.73 | 132.30 | 27.44 | | | | | |
| 110 | -14.7 | -15 | 76.10 | 23.06 | 76.10 | 24.07 | 76.10 | 25.01 | 76.10 | 25.53 | 76.10 | 26.04 | 76.10 | 27.08 | | | | | |
| | -12.6 | -13 | 80.70 | 24.11 | 80.70 | 25.04 | 80.70 | 26.04 | 80.70 | 26.56 | 80.70 | 26.81 | 80.70 | 27.85 | | | | | |
| | -10.5 | -11 | 85.60 | 25.01 | 85.60 | 25.79 | 85.60 | 26.81 | 85.60 | 27.33 | 85.60 | 27.60 | 85.60 | 28.62 | | | | | |
| | -9.5 | -10 | 88.30 | 25.44 | 88.30 | 26.32 | 88.30 | 27.08 | 88.30 | 27.64 | 88.30 | 28.12 | 88.30 | 28.88 | | | | | |
| | -8.5 | -9.1 | 90.30 | 25.79 | 90.30 | 26.56 | 90.30 | 27.60 | 90.30 | 27.90 | 90.30 | 28.36 | 90.30 | 29.13 | | | | | |
| | -7 | -7.6 | 93.90 | 26.32 | 93.90 | 27.08 | 93.90 | 27.85 | 93.90 | 28.42 | 93.90 | 28.88 | 93.90 | 29.65 | | | | | |
| | -5 | -5.6 | 98.70 | 27.08 | 98.70 | 27.85 | 98.70 | 28.62 | 98.70 | 28.94 | 98.70 | 29.41 | 98.70 | 30.17 | | | | | |
| | -3 | -3.7 | 103.20 | 27.60 | 103.20 | 28.36 | 103.20 | 29.13 | 103.20 | 29.37 | 103.20 | 29.92 | 103.20 | 30.42 | | | | | |
| | 0 | -0.7 | 110.50 | 28.36 | 110.40 | 29.13 | 110.40 | 29.92 | 110.40 | 30.15 | 110.40 | 30.42 | 110.40 | 31.21 | | | | | |
| | 3 | 2.2 | 117.20 | 29.13 | 117.20 | 29.92 | 117.20 | 30.42 | 117.20 | 30.69 | 117.20 | 31.21 | 117.20 | 31.73 | | | | | |
| | 5 | 4.1 | 121.90 | 29.65 | 121.90 | 30.17 | 121.90 | 30.69 | 121.90 | 31.21 | 121.90 | 31.45 | 121.90 | 31.73 | | | | | |
| | 8.3 | 6.1 | 126.50 | 29.92 | 126.50 | 30.42 | 126.50 | 31.21 | 126.50 | 31.45 | 126.50 | 31.73 | 126.50 | 32.42 | | | | | |
| | 9 | 7.9 | 130.90 | 30.42 | 130.90 | 30.94 | 130.90 | 31.45 | 130.90 | 31.73 | 130.90 | 31.73 | 130.90 | 32.42 | | | | | |
| | 11 | 9.8 | 135.50 | 30.69 | 135.50 | 31.21 | 135.50 | 31.73 | 135.50 | 31.73 | 135.50 | 32.42 | 135.50 | 32.42 | | | | | |
| | 13 | 11.8 | 139.48 | 30.94 | 139.48 | 31.45 | 139.48 | 31.45 | 139.48 | 31.73 | 139.48 | 31.73 | 139.48 | 32.42 | | | | | |
| | 15 | 13.7 | 144.90 | 31.21 | 144.90 | 31.73 | 144.90 | 32.42 | 144.90 | 32.42 | 144.90 | 32.42 | 144.90 | 32.42 | | | | | |
| | 19 | 14.2 | 144.90 | 29.16 | 144.90 | 31.42 | 144.90 | 29.44 | 144.90 | 28.21 | 144.90 | 27.16 | 141.30 | 25.19 | | | | | |
| | 21 | 15 | 144.90 | 29.41 | 144.90 | 30.52 | 144.90 | 27.87 | 144.90 | 27.36 | 144.90 | 26.40 | 141.30 | 24.83 | | | | | |

To be continued

Continued

| Capacity Factor (%) | | Outdoor Temp. | | Heating Capacity | | | | | | | | | | | |
|---------------------|-------|---------------|--------|----------------------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|----|
| | | | | Indoor Temp. (°C DB) | | | | | | | | | | | |
| | | | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | |
| | | °C DB | °C WB | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | TC | PI |
| 100 | -14.7 | -15 | 76.10 | 24.64 | 76.10 | 25.56 | 76.10 | 26.56 | 76.10 | 26.81 | 76.10 | 27.33 | 76.10 | 28.36 | |
| | -12.6 | -13 | 80.70 | 25.61 | 80.70 | 26.56 | 80.70 | 27.33 | 80.70 | 27.60 | 80.70 | 28.12 | 80.70 | 28.88 | |
| | -10.5 | -11 | 85.60 | 26.56 | 85.60 | 27.33 | 85.60 | 28.12 | 85.60 | 28.36 | 85.60 | 28.88 | 85.60 | 29.65 | |
| | -9.5 | -10 | 88.30 | 26.81 | 88.30 | 27.60 | 88.30 | 28.36 | 88.30 | 28.88 | 88.30 | 29.13 | 88.30 | 29.92 | |
| | -8.5 | -9.1 | 90.30 | 27.08 | 90.30 | 27.85 | 90.30 | 28.62 | 90.30 | 29.18 | 90.30 | 29.41 | 90.30 | 30.17 | |
| | -7 | -7.6 | 93.90 | 27.60 | 93.90 | 28.36 | 93.90 | 29.13 | 93.90 | 29.36 | 93.90 | 29.92 | 93.90 | 30.69 | |
| | -5 | -5.6 | 98.70 | 28.36 | 98.70 | 28.88 | 98.70 | 29.65 | 98.70 | 29.88 | 98.70 | 30.42 | 98.70 | 30.94 | |
| | -3 | -3.7 | 103.20 | 28.88 | 103.20 | 29.41 | 103.20 | 30.17 | 103.20 | 30.40 | 103.20 | 30.69 | 103.20 | 31.45 | |
| | 0 | -0.7 | 110.40 | 29.65 | 110.40 | 30.17 | 110.40 | 30.69 | 110.40 | 31.20 | 110.40 | 31.45 | 110.20 | 31.98 | |
| | 3 | 2.2 | 117.20 | 30.17 | 117.20 | 30.69 | 117.20 | 31.45 | 117.20 | 31.73 | 117.20 | 31.98 | 110.40 | 29.92 | |
| | 5 | 4.1 | 121.90 | 30.42 | 121.90 | 31.21 | 121.90 | 31.73 | 121.90 | 31.98 | 119.70 | 30.94 | 110.40 | 28.62 | |
| | 8.3 | 6.1 | 126.50 | 30.94 | 126.50 | 31.45 | 126.50 | 32.57 | 122.50 | 30.69 | 118.40 | 29.65 | 110.40 | 27.33 | |
| | 9 | 7.9 | 130.90 | 31.21 | 130.90 | 31.73 | 126.50 | 30.69 | 122.50 | 29.65 | 118.40 | 28.36 | 110.40 | 26.32 | |
| | 11 | 9.8 | 135.50 | 31.45 | 134.60 | 31.73 | 126.50 | 29.41 | 122.50 | 28.36 | 118.40 | 27.33 | 110.40 | 25.30 | |
| | 13 | 11.8 | 139.48 | 31.73 | 134.60 | 30.42 | 126.50 | 28.36 | 122.50 | 27.33 | 118.40 | 26.32 | 110.40 | 24.35 | |
| | 15 | 13.7 | 142.60 | 31.21 | 134.60 | 29.41 | 126.50 | 27.33 | 122.50 | 26.32 | 118.40 | 25.37 | 110.40 | 23.50 | |
| | 19 | 14.2 | 142.60 | 30.38 | 134.60 | 28.39 | 126.50 | 26.65 | 122.50 | 25.21 | 118.40 | 24.40 | 110.40 | 22.87 | |
| | 21 | 15 | 142.60 | 29.41 | 134.60 | 27.16 | 126.50 | 25.65 | 122.50 | 24.83 | 118.40 | 23.67 | 110.40 | 22.35 | |
| 90 | -14.7 | -15 | 76.10 | 26.32 | 76.10 | 27.08 | 76.10 | 27.85 | 76.10 | 28.36 | 76.10 | 28.62 | 76.10 | 29.41 | |
| | -12.6 | -13 | 80.70 | 27.08 | 80.70 | 27.85 | 80.70 | 28.62 | 80.70 | 28.88 | 80.70 | 29.41 | 80.70 | 30.17 | |
| | -10.5 | -11 | 85.60 | 27.85 | 85.60 | 28.62 | 85.60 | 29.41 | 85.60 | 29.65 | 85.60 | 29.92 | 85.60 | 30.69 | |
| | -9.5 | -10 | 88.30 | 28.12 | 88.30 | 28.88 | 88.30 | 29.65 | 88.30 | 29.92 | 88.30 | 30.17 | 88.30 | 30.94 | |
| | -8.5 | -9.1 | 90.30 | 28.36 | 90.30 | 29.13 | 90.30 | 29.92 | 90.30 | 30.17 | 90.30 | 30.42 | 90.30 | 31.21 | |
| | -7 | -7.6 | 93.90 | 28.88 | 93.90 | 29.65 | 93.90 | 30.17 | 93.90 | 30.69 | 93.90 | 30.94 | 93.80 | 31.45 | |
| | -5 | -5.6 | 98.70 | 29.41 | 98.70 | 30.17 | 98.70 | 30.69 | 98.70 | 30.94 | 98.70 | 31.45 | 98.10 | 31.98 | |
| | -3 | -3.7 | 103.20 | 29.92 | 103.20 | 30.69 | 103.20 | 31.21 | 103.20 | 31.45 | 103.20 | 31.73 | 99.00 | 30.69 | |
| | 0 | -0.7 | 110.40 | 30.69 | 110.40 | 31.21 | 110.40 | 31.73 | 109.80 | 31.98 | 106.40 | 30.69 | 99.00 | 28.36 | |
| | 3 | 2.2 | 117.20 | 31.21 | 117.20 | 31.73 | 113.90 | 30.94 | 109.90 | 29.92 | 106.40 | 28.62 | 99.00 | 26.56 | |
| | 5 | 4.1 | 121.90 | 31.45 | 121.30 | 31.73 | 113.90 | 29.65 | 109.90 | 28.62 | 106.40 | 27.33 | 99.00 | 25.37 | |
| | 8.3 | 6.1 | 126.50 | 31.73 | 121.30 | 30.42 | 113.90 | 28.36 | 109.90 | 27.33 | 106.40 | 26.32 | 99.00 | 24.37 | |
| | 9 | 7.9 | 128.60 | 31.21 | 121.30 | 29.13 | 113.90 | 27.33 | 109.90 | 26.32 | 106.40 | 25.32 | 99.00 | 23.44 | |
| | 11 | 9.8 | 128.60 | 29.92 | 121.30 | 28.12 | 113.90 | 26.32 | 109.90 | 25.27 | 106.40 | 24.37 | 99.00 | 22.59 | |
| | 13 | 11.8 | 128.60 | 28.88 | 121.30 | 27.08 | 113.90 | 25.19 | 109.90 | 24.32 | 106.40 | 23.47 | 99.00 | 21.77 | |
| | 15 | 13.7 | 128.60 | 27.85 | 121.30 | 26.04 | 113.90 | 24.32 | 109.90 | 23.50 | 106.40 | 22.67 | 99.00 | 21.02 | |
| | 19 | 14.2 | 128.60 | 27.16 | 121.30 | 25.31 | 113.90 | 23.55 | 109.90 | 22.79 | 106.40 | 21.86 | 99.00 | 20.26 | |
| | 21 | 15 | 128.60 | 26.17 | 121.30 | 24.37 | 113.90 | 23.12 | 109.90 | 22.04 | 106.40 | 21.08 | 99.00 | 19.43 | |
| 80 | -14.7 | -15 | 76.10 | 27.85 | 76.10 | 28.62 | 76.10 | 29.41 | 76.10 | 29.65 | 76.10 | 29.92 | 76.10 | 30.69 | |
| | -12.6 | -13 | 80.70 | 28.62 | 80.70 | 29.13 | 80.70 | 29.92 | 80.70 | 30.17 | 80.70 | 30.69 | 80.70 | 31.21 | |
| | -10.5 | -11 | 85.60 | 29.13 | 85.60 | 29.92 | 85.60 | 30.42 | 85.60 | 30.94 | 85.60 | 31.21 | 85.40 | 31.73 | |
| | -9.5 | -10 | 88.30 | 29.65 | 88.30 | 30.17 | 88.30 | 30.69 | 88.30 | 31.21 | 88.30 | 31.45 | 87.50 | 31.98 | |
| | -8.5 | -9.1 | 90.30 | 29.92 | 90.30 | 30.42 | 90.30 | 30.94 | 90.30 | 31.45 | 90.30 | 31.73 | 88.10 | 31.45 | |
| | -7 | -7.6 | 93.90 | 30.17 | 93.90 | 30.69 | 93.80 | 31.45 | 93.80 | 31.73 | 93.30 | 31.98 | 88.10 | 29.92 | |
| | -5 | -5.6 | 98.70 | 30.69 | 98.70 | 31.21 | 98.70 | 31.73 | 97.70 | 31.98 | 94.70 | 30.69 | 88.10 | 28.36 | |
| | -3 | -3.7 | 103.20 | 31.21 | 103.20 | 31.73 | 101.20 | 31.45 | 97.70 | 30.17 | 94.70 | 29.13 | 88.10 | 26.81 | |
| | 0 | -0.7 | 110.40 | 31.73 | 107.60 | 31.21 | 101.20 | 29.13 | 97.70 | 28.12 | 94.70 | 26.81 | 88.10 | 24.92 | |
| | 3 | 2.2 | 114.10 | 30.94 | 107.60 | 29.13 | 101.20 | 27.08 | 97.70 | 26.04 | 94.70 | 25.16 | 88.10 | 23.31 | |
| | 5 | 4.1 | 114.10 | 29.65 | 107.60 | 27.85 | 101.20 | 26.04 | 97.70 | 25.01 | 94.70 | 24.11 | 88.10 | 22.35 | |
| | 8.3 | 6.1 | 114.10 | 28.36 | 107.60 | 26.56 | 101.20 | 24.89 | 97.70 | 24.04 | 94.70 | 23.18 | 88.10 | 21.50 | |
| | 9 | 7.9 | 114.10 | 27.33 | 107.60 | 25.61 | 101.20 | 23.92 | 97.70 | 23.11 | 94.70 | 22.30 | 88.10 | 20.70 | |
| | 11 | 9.8 | 114.10 | 26.32 | 107.60 | 24.64 | 101.20 | 23.06 | 97.70 | 22.28 | 94.70 | 21.50 | 88.10 | 19.96 | |
| | 13 | 11.8 | 114.10 | 25.30 | 107.60 | 23.72 | 101.20 | 22.20 | 97.70 | 21.45 | 94.70 | 20.70 | 88.10 | 19.26 | |
| | 15 | 13.7 | 114.10 | 24.43 | 107.60 | 22.70 | 101.20 | 21.45 | 97.70 | 20.73 | 94.70 | 20.03 | 88.10 | 18.65 | |
| | 19 | 14.2 | 114.10 | 23.58 | 107.60 | 22.30 | 101.20 | 20.60 | 97.70 | 19.97 | 94.70 | 19.18 | 88.10 | 18.18 | |
| | 21 | 15 | 114.10 | 22.91 | 107.60 | 21.33 | 101.20 | 20.05 | 97.70 | 19.33 | 94.70 | 18.53 | 88.10 | 17.22 | |

To be continued

Continued

Capacity table

| | | YCVII30HR | | | | Heating Capacity | | | | | | | | | | | |
|---------------------|---------------|----------------------|-------|-------|-------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|----|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| °C DB | | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | °C DB | °C WB | kW | kW |
| 70 | -14.7 | -15 | 76.10 | 29.41 | 76.10 | 30.17 | 76.10 | 30.69 | 76.10 | 30.94 | 76.10 | 31.21 | 75.30 | 31.98 | | | |
| | -12.6 | -13 | 80.70 | 30.17 | 80.70 | 30.69 | 80.70 | 31.21 | 80.70 | 31.45 | 80.20 | 31.98 | 77.10 | 30.69 | | | |
| | -10.5 | -11 | 85.60 | 30.69 | 85.60 | 31.21 | 85.50 | 31.73 | 84.70 | 31.98 | 82.80 | 30.94 | 77.10 | 28.62 | | | |
| | -9.5 | -10 | 88.30 | 30.94 | 88.30 | 31.45 | 87.60 | 31.98 | 85.60 | 31.21 | 82.80 | 29.92 | 77.10 | 27.60 | | | |
| | -8.5 | -9.1 | 90.30 | 31.21 | 90.30 | 31.73 | 88.70 | 31.45 | 85.60 | 30.42 | 82.80 | 29.13 | 77.10 | 27.08 | | | |
| | -7 | -7.6 | 93.80 | 31.45 | 93.20 | 31.98 | 88.70 | 30.17 | 85.60 | 28.88 | 82.80 | 27.85 | 77.10 | 25.79 | | | |
| | -5 | -5.6 | 98.40 | 31.98 | 94.20 | 30.42 | 88.70 | 28.36 | 85.60 | 27.33 | 82.80 | 26.32 | 77.10 | 24.43 | | | |
| | -3 | -3.7 | 99.90 | 30.94 | 94.20 | 28.88 | 88.70 | 27.08 | 85.60 | 26.04 | 82.80 | 25.08 | 77.10 | 23.23 | | | |
| | 0 | -0.7 | 99.90 | 28.62 | 94.20 | 26.81 | 88.70 | 25.04 | 85.60 | 24.16 | 82.80 | 23.28 | 77.10 | 21.61 | | | |
| | 3 | 2.2 | 99.90 | 26.81 | 94.20 | 25.04 | 88.70 | 23.39 | 85.60 | 22.59 | 82.80 | 21.83 | 77.10 | 20.25 | | | |
| | 5 | 4.1 | 99.90 | 25.59 | 94.20 | 24.01 | 88.70 | 22.47 | 85.60 | 21.69 | 82.80 | 20.95 | 77.10 | 19.47 | | | |
| | 8.3 | 6.1 | 99.90 | 24.54 | 94.20 | 23.06 | 88.70 | 21.58 | 85.60 | 20.86 | 82.80 | 20.13 | 77.10 | 18.74 | | | |
| | 9 | 7.9 | 99.90 | 23.63 | 94.20 | 22.18 | 88.70 | 20.78 | 85.60 | 20.08 | 82.80 | 19.42 | 77.10 | 18.09 | | | |
| | 11 | 9.8 | 99.90 | 22.74 | 94.20 | 21.38 | 88.70 | 20.05 | 85.60 | 19.38 | 82.80 | 18.59 | 77.10 | 17.46 | | | |
| | 13 | 11.8 | 99.90 | 21.91 | 94.20 | 20.61 | 88.70 | 19.34 | 85.60 | 18.73 | 82.80 | 18.09 | 77.10 | 16.86 | | | |
| | 15 | 13.7 | 99.90 | 21.18 | 94.20 | 19.94 | 88.70 | 18.73 | 85.60 | 18.10 | 82.80 | 17.50 | 77.10 | 16.34 | | | |
| | 19 | 14.2 | 99.90 | 20.10 | 94.20 | 19.38 | 88.70 | 18.20 | 85.60 | 17.26 | 82.80 | 16.52 | 77.10 | 15.67 | | | |
| | 21 | 15 | 99.90 | 19.38 | 94.20 | 18.43 | 88.70 | 17.38 | 85.60 | 16.46 | 82.80 | 15.69 | 77.10 | 14.82 | | | |
| 60 | -14.7 | -15 | 76.10 | 30.94 | 76.10 | 31.45 | 75.00 | 31.98 | 73.40 | 30.94 | 71.10 | 29.92 | 66.10 | 27.60 | | | |
| | -12.6 | -13 | 80.70 | 31.45 | 79.70 | 31.98 | 75.90 | 29.92 | 73.40 | 28.88 | 71.10 | 27.85 | 66.10 | 25.73 | | | |
| | -10.5 | -11 | 84.70 | 31.98 | 80.60 | 30.17 | 75.90 | 28.12 | 73.40 | 27.08 | 71.10 | 26.04 | 66.10 | 24.14 | | | |
| | -9.5 | -10 | 85.60 | 31.21 | 80.60 | 29.13 | 75.90 | 27.33 | 73.40 | 26.32 | 71.10 | 25.30 | 66.10 | 23.42 | | | |
| | -8.5 | -9.1 | 85.60 | 30.42 | 80.60 | 28.36 | 75.90 | 26.56 | 73.40 | 25.56 | 71.10 | 24.62 | 66.10 | 22.82 | | | |
| | -7 | -7.6 | 85.60 | 28.88 | 80.60 | 27.08 | 75.90 | 25.35 | 73.40 | 24.44 | 71.10 | 23.60 | 66.10 | 21.87 | | | |
| | -5 | -5.6 | 85.60 | 27.33 | 80.60 | 25.67 | 75.90 | 23.99 | 73.40 | 23.15 | 71.10 | 22.33 | 66.10 | 20.73 | | | |
| | -3 | -3.7 | 85.60 | 26.04 | 80.60 | 24.40 | 75.90 | 22.82 | 73.40 | 22.05 | 71.10 | 21.27 | 66.10 | 19.78 | | | |
| | 0 | -0.7 | 85.60 | 24.14 | 80.60 | 22.67 | 75.90 | 21.23 | 73.40 | 20.53 | 71.10 | 19.83 | 66.10 | 18.44 | | | |
| | 3 | 2.2 | 85.60 | 22.59 | 80.60 | 21.23 | 75.90 | 19.91 | 73.40 | 19.26 | 71.10 | 18.62 | 66.10 | 17.36 | | | |
| | 5 | 4.1 | 85.60 | 21.69 | 80.60 | 20.40 | 75.90 | 19.14 | 73.40 | 18.51 | 71.10 | 17.90 | 66.10 | 16.69 | | | |
| | 8.3 | 6.1 | 85.60 | 20.83 | 80.60 | 19.62 | 75.90 | 18.44 | 73.40 | 17.84 | 71.10 | 17.26 | 66.10 | 16.09 | | | |
| | 9 | 7.9 | 85.60 | 20.08 | 80.60 | 18.93 | 75.90 | 17.77 | 73.40 | 17.23 | 71.10 | 16.66 | 66.10 | 15.55 | | | |
| | 11 | 9.8 | 85.60 | 19.38 | 80.60 | 18.25 | 75.90 | 17.18 | 73.40 | 16.64 | 71.10 | 16.09 | 66.10 | 15.06 | | | |
| | 13 | 11.8 | 85.60 | 18.70 | 80.60 | 17.64 | 75.90 | 16.58 | 73.40 | 16.06 | 71.10 | 15.56 | 66.10 | 14.57 | | | |
| | 15 | 13.7 | 85.60 | 18.10 | 80.60 | 17.06 | 75.90 | 16.06 | 73.40 | 15.56 | 71.10 | 15.09 | 66.10 | 14.14 | | | |
| | 19 | 14.2 | 85.60 | 17.58 | 80.60 | 16.24 | 75.90 | 15.57 | 73.40 | 15.09 | 71.10 | 14.52 | 66.10 | 13.52 | | | |
| | 21 | 15 | 85.60 | 16.85 | 80.60 | 15.78 | 75.90 | 14.92 | 73.40 | 14.60 | 71.10 | 14.05 | 66.10 | 13.00 | | | |
| 50 | -14.7 | -15 | 71.30 | 29.92 | 67.20 | 28.12 | 63.30 | 26.32 | 61.10 | 25.32 | 59.10 | 24.40 | 55.00 | 22.62 | | | |
| | -12.6 | -13 | 71.30 | 28.12 | 67.20 | 26.32 | 63.30 | 24.50 | 61.10 | 23.67 | 59.10 | 22.82 | 55.00 | 21.18 | | | |
| | -10.5 | -11 | 71.30 | 26.32 | 67.20 | 24.59 | 63.30 | 23.00 | 61.10 | 22.23 | 59.10 | 21.45 | 55.00 | 19.94 | | | |
| | -9.5 | -10 | 71.30 | 25.43 | 67.20 | 23.85 | 63.30 | 22.33 | 61.10 | 21.58 | 59.10 | 20.83 | 55.00 | 19.36 | | | |
| | -8.5 | -9.1 | 71.30 | 24.76 | 67.20 | 23.23 | 63.30 | 21.77 | 61.10 | 21.02 | 59.10 | 20.30 | 55.00 | 18.87 | | | |
| | -7 | -7.6 | 71.30 | 23.72 | 67.20 | 22.28 | 63.30 | 20.86 | 61.10 | 20.16 | 59.10 | 19.50 | 55.00 | 18.15 | | | |
| | -5 | -5.6 | 71.30 | 22.47 | 67.20 | 21.12 | 63.30 | 19.81 | 61.10 | 19.16 | 59.10 | 18.51 | 55.00 | 17.26 | | | |
| | -3 | -3.7 | 71.30 | 21.39 | 67.20 | 20.13 | 63.30 | 18.90 | 61.10 | 18.28 | 59.10 | 17.69 | 55.00 | 16.50 | | | |
| | 0 | -0.7 | 71.30 | 19.94 | 67.20 | 18.77 | 63.30 | 17.64 | 61.10 | 17.09 | 59.10 | 16.53 | 55.00 | 15.45 | | | |
| | 3 | 2.2 | 71.30 | 18.70 | 67.20 | 17.64 | 63.30 | 16.61 | 61.10 | 16.09 | 59.10 | 15.56 | 55.00 | 14.57 | | | |
| | 5 | 4.1 | 71.30 | 18.01 | 67.20 | 16.99 | 63.30 | 16.00 | 61.10 | 15.50 | 59.10 | 14.90 | 55.00 | 14.05 | | | |
| | 8.3 | 6.1 | 71.30 | 17.34 | 67.20 | 16.38 | 63.30 | 15.42 | 61.10 | 14.96 | 59.10 | 14.49 | 55.00 | 13.60 | | | |
| | 9 | 7.9 | 71.30 | 16.74 | 67.20 | 15.81 | 63.30 | 14.92 | 61.10 | 14.47 | 59.10 | 14.03 | 55.00 | 13.15 | | | |
| | 11 | 9.8 | 71.30 | 16.17 | 67.20 | 15.29 | 63.30 | 14.44 | 61.10 | 14.00 | 59.10 | 13.60 | 55.00 | 12.75 | | | |
| | 13 | 11.8 | 71.30 | 15.65 | 67.20 | 14.80 | 63.30 | 13.97 | 61.10 | 13.57 | 59.10 | 13.15 | 55.00 | 12.36 | | | |
| | 15 | 13.7 | 71.30 | 15.16 | 67.20 | 14.36 | 63.30 | 13.57 | 61.10 | 13.17 | 59.10 | 12.77 | 55.00 | 12.02 | | | |
| | 19 | 14.2 | 71.30 | 14.69 | 67.20 | 13.79 | 63.30 | 13.08 | 61.10 | 12.59 | 59.10 | 12.33 | 55.00 | 11.49 | | | |
| | 21 | 15 | 71.30 | 13.72 | 67.20 | 13.41 | 63.30 | 12.75 | 61.10 | 12.06 | 59.10 | 11.84 | 55.00 | 11.03 | | | |

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

| | | YCVI180HR | | | | | | | | Heating Capacity | | | | | | | | | | |
|---------------------|---------------|----------------------|--------|-------|--------|-------|--------|-------|--------|------------------|--------|-------|--------|-------|----|----|----|----|----|----|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | |
| 130 | °C DB | °C WB | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| | -14.7 | -15 | 78.70 | 20.90 | 78.70 | 22.15 | 78.70 | 23.36 | 78.60 | 23.99 | 78.60 | 24.62 | 78.60 | 25.85 | | | | | | |
| | -12.6 | -13 | 83.50 | 22.20 | 83.50 | 23.36 | 83.50 | 24.54 | 83.50 | 25.09 | 83.50 | 25.69 | 83.50 | 26.84 | | | | | | |
| | -10.5 | -11 | 88.60 | 23.33 | 88.60 | 24.46 | 88.60 | 25.53 | 88.60 | 26.08 | 88.60 | 26.64 | 88.60 | 27.66 | | | | | | |
| | -9.5 | -10 | 91.40 | 23.88 | 91.40 | 24.93 | 91.40 | 25.98 | 91.40 | 26.53 | 91.40 | 27.08 | 91.40 | 28.18 | | | | | | |
| | -8.5 | -9.1 | 93.50 | 24.31 | 93.50 | 25.38 | 93.50 | 26.40 | 93.50 | 26.92 | 93.50 | 27.37 | 93.50 | 28.47 | | | | | | |
| | -7 | -7.6 | 97.20 | 25.01 | 97.20 | 26.03 | 97.20 | 27.03 | 97.20 | 27.66 | 97.20 | 27.92 | 97.20 | 29.00 | | | | | | |
| | -5 | -5.6 | 102.20 | 25.85 | 102.20 | 26.80 | 102.20 | 27.66 | 102.20 | 28.18 | 102.20 | 28.73 | 102.20 | 29.55 | | | | | | |
| | -3 | -3.7 | 107.00 | 26.61 | 107.00 | 27.37 | 107.00 | 28.47 | 107.00 | 29.00 | 107.00 | 29.28 | 107.00 | 30.36 | | | | | | |
| | 0 | -0.7 | 114.70 | 27.66 | 114.70 | 28.47 | 114.70 | 29.28 | 114.70 | 29.81 | 114.70 | 30.09 | 114.70 | 30.91 | | | | | | |
| | 3 | 2.2 | 121.70 | 28.47 | 121.70 | 29.28 | 121.70 | 30.09 | 121.70 | 30.36 | 121.70 | 30.91 | 121.70 | 31.72 | | | | | | |
| | 5 | 4.1 | 126.70 | 29.00 | 126.70 | 29.81 | 126.70 | 30.62 | 126.70 | 30.91 | 126.70 | 31.44 | 126.70 | 31.98 | | | | | | |
| | 8.3 | 6.1 | 131.50 | 29.55 | 131.50 | 30.36 | 131.50 | 30.91 | 131.50 | 31.44 | 131.50 | 31.72 | 131.50 | 32.53 | | | | | | |
| | 9 | 7.9 | 136.20 | 29.81 | 136.10 | 30.62 | 136.10 | 31.44 | 136.10 | 31.72 | 136.10 | 32.00 | 136.10 | 32.80 | | | | | | |
| | 11 | 9.8 | 141.00 | 30.36 | 141.00 | 30.91 | 141.00 | 31.72 | 141.00 | 31.98 | 141.00 | 32.53 | 141.00 | 33.06 | | | | | | |
| | 13 | 11.8 | 146.26 | 30.62 | 146.26 | 31.44 | 146.26 | 31.98 | 146.26 | 32.53 | 146.26 | 32.80 | 146.26 | 33.35 | | | | | | |
| | 15 | 13.7 | 150.90 | 31.17 | 150.70 | 31.72 | 150.70 | 32.25 | 150.70 | 32.80 | 150.70 | 33.06 | 150.70 | 33.66 | | | | | | |
| | 19 | 14.2 | 150.90 | 31.46 | 150.70 | 32.04 | 150.70 | 32.56 | 150.70 | 33.08 | 150.70 | 33.37 | 150.70 | 34.00 | | | | | | |
| | 21 | 15 | 150.90 | 31.69 | 150.70 | 32.35 | 150.70 | 32.87 | 150.70 | 33.27 | 150.70 | 32.85 | 150.70 | 32.07 | | | | | | |
| 120 | -14.7 | -15 | 78.70 | 22.57 | 78.60 | 23.72 | 78.60 | 24.85 | 78.60 | 25.43 | 78.60 | 25.98 | 78.60 | 27.11 | | | | | | |
| | -12.6 | -13 | 83.50 | 23.78 | 83.50 | 24.83 | 83.50 | 25.90 | 83.50 | 26.45 | 83.50 | 27.00 | 83.50 | 28.18 | | | | | | |
| | -10.5 | -11 | 88.60 | 24.83 | 88.60 | 25.83 | 88.60 | 26.84 | 88.60 | 27.37 | 88.60 | 27.92 | 88.60 | 29.00 | | | | | | |
| | -9.5 | -10 | 91.40 | 25.32 | 91.40 | 26.29 | 91.40 | 27.37 | 91.40 | 27.66 | 91.40 | 28.18 | 91.40 | 29.28 | | | | | | |
| | -8.5 | -9.1 | 93.50 | 25.72 | 93.50 | 26.66 | 93.50 | 27.66 | 93.50 | 28.18 | 93.50 | 28.73 | 93.50 | 29.55 | | | | | | |
| | -7 | -7.6 | 97.20 | 26.37 | 97.20 | 27.37 | 97.20 | 28.18 | 97.20 | 28.73 | 97.20 | 29.08 | 97.20 | 30.09 | | | | | | |
| | -5 | -5.6 | 102.20 | 27.11 | 102.20 | 27.92 | 102.20 | 29.00 | 102.20 | 29.28 | 102.20 | 29.87 | 102.20 | 30.62 | | | | | | |
| | -3 | -3.7 | 107.00 | 27.92 | 107.00 | 28.73 | 107.00 | 29.55 | 107.00 | 29.81 | 107.00 | 30.40 | 107.00 | 31.17 | | | | | | |
| | 0 | -0.7 | 114.70 | 28.73 | 114.70 | 29.55 | 114.70 | 30.36 | 114.70 | 30.62 | 114.70 | 31.17 | 114.70 | 31.98 | | | | | | |
| | 3 | 2.2 | 121.70 | 29.55 | 121.70 | 30.36 | 121.70 | 31.17 | 121.70 | 31.44 | 121.70 | 31.72 | 121.70 | 32.53 | | | | | | |
| | 5 | 4.1 | 126.70 | 30.09 | 126.70 | 30.62 | 126.70 | 31.44 | 126.70 | 31.72 | 126.70 | 32.25 | 126.70 | 32.80 | | | | | | |
| | 8.3 | 6.1 | 131.50 | 30.36 | 131.50 | 31.17 | 131.50 | 31.98 | 131.50 | 32.25 | 131.50 | 32.53 | 131.50 | 33.35 | | | | | | |
| | 9 | 7.9 | 136.10 | 30.91 | 136.10 | 31.44 | 136.10 | 32.25 | 136.10 | 32.53 | 136.10 | 33.03 | 136.10 | 33.61 | | | | | | |
| | 11 | 9.8 | 141.00 | 31.17 | 141.00 | 31.98 | 141.00 | 32.53 | 141.00 | 33.06 | 141.00 | 33.66 | 141.00 | 34.34 | | | | | | |
| | 13 | 11.8 | 146.26 | 31.72 | 146.26 | 32.25 | 146.26 | 32.80 | 146.26 | 33.06 | 146.26 | 33.66 | 146.26 | 34.34 | | | | | | |
| | 15 | 13.7 | 150.70 | 31.98 | 150.70 | 32.53 | 150.70 | 33.06 | 150.70 | 33.35 | 150.70 | 34.00 | 150.70 | 34.68 | | | | | | |
| | 19 | 14.2 | 150.70 | 32.25 | 150.70 | 32.80 | 150.70 | 33.11 | 150.70 | 33.03 | 150.70 | 34.00 | 150.70 | 34.68 | | | | | | |
| | 21 | 15 | 150.70 | 32.59 | 150.70 | 33.06 | 150.70 | 33.30 | 150.70 | 32.77 | 150.70 | 31.25 | 150.70 | 31.98 | | | | | | |
| 110 | -14.7 | -15 | 78.60 | 24.23 | 78.60 | 25.30 | 78.60 | 26.29 | 78.60 | 26.84 | 78.60 | 27.37 | 78.60 | 28.47 | | | | | | |
| | -12.6 | -13 | 83.50 | 25.35 | 83.50 | 26.32 | 83.50 | 27.37 | 83.50 | 27.92 | 83.50 | 28.18 | 83.50 | 29.28 | | | | | | |
| | -10.5 | -11 | 88.60 | 26.29 | 88.60 | 27.11 | 88.60 | 28.18 | 88.60 | 28.73 | 88.60 | 29.00 | 88.60 | 30.09 | | | | | | |
| | -9.5 | -10 | 91.40 | 26.74 | 91.40 | 27.66 | 91.40 | 28.47 | 91.40 | 29.08 | 91.40 | 29.55 | 91.40 | 30.36 | | | | | | |
| | -8.5 | -9.1 | 93.50 | 27.11 | 93.50 | 27.92 | 93.50 | 29.00 | 93.50 | 29.34 | 93.50 | 29.81 | 93.50 | 30.62 | | | | | | |
| | -7 | -7.6 | 97.20 | 27.66 | 97.20 | 28.47 | 97.20 | 29.28 | 97.20 | 29.87 | 97.20 | 30.36 | 97.20 | 31.17 | | | | | | |
| | -5 | -5.6 | 102.20 | 28.47 | 102.20 | 29.28 | 102.20 | 30.09 | 102.20 | 30.40 | 102.20 | 30.91 | 102.20 | 31.72 | | | | | | |
| | -3 | -3.7 | 107.00 | 29.00 | 107.00 | 29.81 | 107.00 | 30.62 | 107.00 | 30.93 | 107.00 | 31.44 | 107.00 | 31.98 | | | | | | |
| | 0 | -0.7 | 114.70 | 29.81 | 114.60 | 30.62 | 114.60 | 31.44 | 114.60 | 31.72 | 114.60 | 31.98 | 114.60 | 32.80 | | | | | | |
| | 3 | 2.2 | 121.70 | 30.62 | 121.70 | 31.44 | 121.70 | 31.98 | 121.70 | 32.25 | 121.70 | 32.80 | 121.70 | 33.35 | | | | | | |
| | 5 | 4.1 | 126.70 | 31.17 | 126.70 | 31.72 | 126.70 | 32.25 | 126.70 | 32.80 | 126.70 | 33.06 | 126.70 | 33.35 | | | | | | |
| | 8.3 | 6.1 | 131.50 | 31.44 | 131.50 | 31.98 | 131.50 | 32.80 | 131.50 | 33.06 | 131.50 | 33.35 | 131.50 | 34.00 | | | | | | |
| | 9 | 7.9 | 136.10 | 31.98 | 136.10 | 32.53 | 136.10 | 33.06 | 136.10 | 33.35 | 136.10 | 33.66 | 136.10 | 34.34 | | | | | | |
| | 11 | 9.8 | 141.00 | 32.25 | 141.00 | 32.80 | 141.00 | 33.35 | 141.00 | 33.66 | 141.00 | 34.34 | 141.00 | 35.02 | | | | | | |
| | 13 | 11.8 | 146.26 | 32.53 | 146.26 | 33.06 | 146.26 | 33.66 | 146.26 | 34.34 | 146.26 | 35.02 | 146.26 | 35.71 | | | | | | |
| | 15 | 13.7 | 150.90 | 32.80 | 150.90 | 33.35 | 150.90 | 34.00 | 150.90 | 34.34 | 150.90 | 35.02 | 150.90 | 35.71 | | | | | | |
| | 19 | 14.2 | 150.90 | 30.65 | 150.90 | 33.03 | 150.90 | 32.07 | 150.90 | 29.29 | 150.90 | 28.76 | 150.90 | 26.09 | | | | | | |
| | 21 | 15 | 150.90 | 30.91 | 150.90 | 32.07 | 150.90 | 34.00 | 150.90 | 34.34 | 150.90 | 35.02 | 150.90 | 35.71 | | | | | | |

To be continued

Continued

| | | YCV1180HR | | | | | | | | Heating Capacity | | | | | | | | | | |
|---------------------|---------------|----------------------|--------|-------|--------|-------|--------|-------|--------|------------------|--------|-------|--------|-------|----|----|----|----|----|--|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | |
| °C DB | °C WB | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | |
| 100 | -14.7 | -15 | 78.60 | 25.90 | 78.60 | 26.87 | 78.60 | 27.92 | 78.60 | 28.18 | 78.60 | 28.73 | 78.60 | 29.81 | | | | | | |
| | -12.6 | -13 | 83.50 | 26.92 | 83.50 | 27.92 | 83.50 | 28.73 | 83.50 | 29.00 | 83.50 | 29.55 | 83.50 | 30.36 | | | | | | |
| | -10.5 | -11 | 88.60 | 27.92 | 88.60 | 28.73 | 88.60 | 29.55 | 88.60 | 29.81 | 88.60 | 30.36 | 88.60 | 31.17 | | | | | | |
| | -9.5 | -10 | 91.40 | 28.18 | 91.40 | 29.00 | 91.40 | 29.81 | 91.40 | 30.36 | 91.40 | 30.62 | 91.40 | 31.44 | | | | | | |
| | -8.5 | -9.1 | 93.50 | 28.47 | 93.50 | 29.28 | 93.50 | 30.09 | 93.50 | 30.62 | 93.50 | 30.91 | 93.50 | 31.72 | | | | | | |
| | -7 | -7.6 | 97.20 | 29.00 | 97.20 | 29.81 | 97.20 | 30.62 | 97.20 | 30.91 | 97.20 | 31.44 | 97.20 | 32.25 | | | | | | |
| | -5 | -5.6 | 102.20 | 29.81 | 102.20 | 30.36 | 102.20 | 31.17 | 102.20 | 31.44 | 102.20 | 31.98 | 102.20 | 32.53 | | | | | | |
| | -3 | -3.7 | 107.00 | 30.36 | 107.00 | 30.91 | 107.00 | 31.72 | 107.00 | 31.98 | 107.00 | 32.25 | 107.00 | 33.06 | | | | | | |
| | 0 | -0.7 | 114.60 | 31.17 | 114.60 | 31.72 | 114.60 | 32.25 | 114.60 | 32.80 | 114.60 | 33.06 | 114.60 | 33.61 | | | | | | |
| | 3 | 2.2 | 121.70 | 31.72 | 121.70 | 32.25 | 121.70 | 33.06 | 121.70 | 33.35 | 121.70 | 33.61 | 121.70 | 34.44 | | | | | | |
| | 5 | 4.1 | 126.70 | 31.98 | 126.70 | 32.80 | 126.70 | 33.35 | 126.70 | 33.61 | 125.70 | 32.53 | 114.70 | 30.09 | | | | | | |
| | 8.3 | 6.1 | 131.50 | 32.53 | 131.50 | 33.06 | 131.50 | 34.97 | 127.30 | 32.25 | 123.10 | 31.17 | 114.70 | 28.73 | | | | | | |
| | 9 | 7.9 | 136.10 | 32.80 | 136.10 | 33.35 | 131.50 | 32.25 | 127.30 | 31.17 | 123.10 | 29.81 | 114.70 | 27.66 | | | | | | |
| | 11 | 9.8 | 141.00 | 33.06 | 139.90 | 33.35 | 131.50 | 30.91 | 127.30 | 29.81 | 123.10 | 28.73 | 123.10 | 26.59 | | | | | | |
| | 13 | 11.8 | 146.26 | 33.35 | 139.90 | 31.98 | 131.50 | 29.81 | 127.30 | 28.73 | 123.10 | 27.66 | 114.70 | 25.59 | | | | | | |
| | 15 | 13.7 | 148.30 | 32.80 | 139.90 | 30.91 | 131.50 | 28.73 | 127.30 | 27.66 | 123.10 | 26.66 | 114.70 | 24.70 | | | | | | |
| | 19 | 14.2 | 148.30 | 31.93 | 139.90 | 29.84 | 131.50 | 28.02 | 127.30 | 26.50 | 123.10 | 25.64 | 114.70 | 24.04 | | | | | | |
| | 21 | 15 | 148.30 | 30.91 | 139.90 | 28.55 | 131.50 | 26.95 | 127.30 | 26.09 | 123.10 | 24.88 | 114.70 | 23.49 | | | | | | |
| 90 | -14.7 | -15 | 78.60 | 27.66 | 78.60 | 28.47 | 78.60 | 29.28 | 78.60 | 29.81 | 78.60 | 30.09 | 78.60 | 30.91 | | | | | | |
| | -12.6 | -13 | 83.50 | 28.47 | 83.50 | 29.28 | 83.50 | 30.09 | 83.50 | 30.36 | 83.50 | 30.91 | 83.50 | 31.72 | | | | | | |
| | -10.5 | -11 | 88.60 | 29.28 | 88.60 | 30.09 | 88.60 | 30.91 | 88.60 | 31.17 | 88.60 | 31.44 | 88.60 | 32.25 | | | | | | |
| | -9.5 | -10 | 91.40 | 29.55 | 91.40 | 30.36 | 91.40 | 31.17 | 91.40 | 31.44 | 91.40 | 31.72 | 91.40 | 32.53 | | | | | | |
| | -8.5 | -9.1 | 93.50 | 29.81 | 93.50 | 30.62 | 93.50 | 31.44 | 93.50 | 31.72 | 93.50 | 31.98 | 93.50 | 32.80 | | | | | | |
| | -7 | -7.6 | 97.20 | 30.36 | 97.20 | 31.17 | 97.20 | 31.72 | 97.20 | 32.25 | 97.20 | 32.53 | 97.20 | 33.06 | | | | | | |
| | -5 | -5.6 | 102.20 | 30.91 | 102.20 | 31.72 | 102.20 | 32.25 | 102.20 | 32.53 | 102.20 | 33.06 | 101.60 | 33.61 | | | | | | |
| | -3 | -3.7 | 107.00 | 31.44 | 107.00 | 32.25 | 107.00 | 32.80 | 107.00 | 33.06 | 107.00 | 33.35 | 103.00 | 32.25 | | | | | | |
| | 0 | -0.7 | 114.60 | 32.25 | 114.60 | 32.80 | 114.60 | 33.35 | 114.10 | 33.61 | 110.70 | 32.25 | 103.00 | 29.81 | | | | | | |
| | 3 | 2.2 | 121.70 | 32.80 | 121.70 | 33.35 | 118.30 | 32.53 | 114.30 | 31.44 | 110.70 | 30.09 | 103.00 | 27.92 | | | | | | |
| | 5 | 4.1 | 126.70 | 33.06 | 125.90 | 33.35 | 118.30 | 31.17 | 114.30 | 30.09 | 110.70 | 28.73 | 103.00 | 26.66 | | | | | | |
| | 8.3 | 6.1 | 131.50 | 33.35 | 125.90 | 31.98 | 118.30 | 29.81 | 114.30 | 28.73 | 110.70 | 27.66 | 103.00 | 25.61 | | | | | | |
| | 9 | 7.9 | 133.60 | 32.80 | 125.90 | 30.62 | 118.30 | 28.73 | 114.30 | 27.66 | 110.70 | 26.61 | 103.00 | 24.64 | | | | | | |
| | 11 | 9.8 | 133.60 | 31.44 | 125.90 | 29.55 | 118.30 | 27.66 | 114.30 | 26.56 | 110.70 | 25.61 | 103.00 | 23.75 | | | | | | |
| | 13 | 11.8 | 133.60 | 30.36 | 125.90 | 28.47 | 118.30 | 26.48 | 114.30 | 25.56 | 110.70 | 24.67 | 103.00 | 22.88 | | | | | | |
| | 15 | 13.7 | 133.60 | 29.28 | 125.90 | 27.37 | 118.30 | 25.56 | 114.30 | 24.70 | 110.70 | 23.83 | 103.00 | 22.10 | | | | | | |
| | 19 | 14.2 | 133.60 | 28.55 | 125.90 | 26.61 | 118.30 | 24.75 | 114.30 | 23.96 | 110.70 | 22.97 | 103.00 | 21.29 | | | | | | |
| | 21 | 15 | 133.60 | 27.50 | 125.90 | 25.61 | 118.30 | 24.30 | 114.30 | 23.17 | 110.70 | 22.15 | 103.00 | 20.42 | | | | | | |
| 80 | -14.7 | -15 | 78.60 | 29.28 | 78.60 | 30.09 | 78.60 | 30.91 | 78.60 | 31.17 | 78.60 | 31.44 | 78.60 | 32.25 | | | | | | |
| | -12.6 | -13 | 83.50 | 30.09 | 83.50 | 30.62 | 83.50 | 31.44 | 83.50 | 31.72 | 83.50 | 32.25 | 83.50 | 32.80 | | | | | | |
| | -10.5 | -11 | 88.60 | 30.62 | 88.60 | 31.44 | 88.60 | 31.98 | 88.60 | 32.53 | 88.60 | 32.80 | 88.40 | 33.35 | | | | | | |
| | -9.5 | -10 | 91.40 | 31.17 | 91.40 | 31.72 | 91.40 | 32.25 | 91.40 | 32.80 | 91.40 | 33.06 | 90.60 | 33.61 | | | | | | |
| | -8.5 | -9.1 | 93.50 | 31.44 | 93.50 | 31.98 | 93.50 | 32.53 | 93.50 | 33.06 | 93.50 | 33.35 | 91.60 | 33.06 | | | | | | |
| | -7 | -7.6 | 97.20 | 31.72 | 97.20 | 32.25 | 97.10 | 33.06 | 97.10 | 33.35 | 96.60 | 33.61 | 91.60 | 31.44 | | | | | | |
| | -5 | -5.6 | 102.20 | 32.25 | 102.20 | 32.80 | 102.20 | 33.35 | 101.50 | 33.61 | 98.40 | 32.25 | 91.60 | 29.81 | | | | | | |
| | -3 | -3.7 | 107.00 | 32.80 | 107.00 | 33.35 | 105.20 | 33.06 | 101.50 | 31.72 | 98.40 | 30.62 | 91.60 | 28.18 | | | | | | |
| | 0 | -0.7 | 114.60 | 33.35 | 111.80 | 32.80 | 105.20 | 30.62 | 101.50 | 29.55 | 98.40 | 28.18 | 91.60 | 26.19 | | | | | | |
| | 3 | 2.2 | 118.50 | 32.53 | 111.80 | 30.62 | 105.20 | 28.47 | 101.50 | 27.37 | 98.40 | 26.45 | 91.60 | 24.51 | | | | | | |
| | 5 | 4.1 | 118.50 | 31.17 | 111.80 | 29.28 | 105.20 | 27.37 | 101.50 | 26.29 | 98.40 | 25.35 | 91.60 | 23.49 | | | | | | |
| | 8.3 | 6.1 | 118.50 | 29.81 | 111.80 | 27.92 | 105.20 | 26.16 | 101.50 | 25.27 | 98.40 | 24.36 | 91.60 | 22.60 | | | | | | |
| | 9 | 7.9 | 118.50 | 28.73 | 111.80 | 26.92 | 105.20 | 25.14 | 101.50 | 24.28 | 98.40 | 23.44 | 91.60 | 21.76 | | | | | | |
| | 11 | 9.8 | 118.50 | 27.66 | 111.80 | 25.90 | 105.20 | 24.23 | 101.50 | 23.41 | 98.40 | 22.60 | 91.60 | 20.97 | | | | | | |
| | 13 | 11.8 | 118.50 | 26.59 | 111.80 | 24.93 | 105.20 | 23.33 | 101.50 | 22.55 | 98.40 | 21.76 | 91.60 | 20.24 | | | | | | |
| | 15 | 13.7 | 118.50 | 25.67 | 111.80 | 23.86 | 105.20 | 22.55 | 101.50 | 21.79 | 98.40 | 21.05 | 91.60 | 19.59 | | | | | | |
| | 19 | 14.2 | 118.50 | 24.78 | 111.80 | 23.44 | 105.20 | 21.65 | 101.50 | 20.98 | 98.40 | 20.16 | 91.60 | 19.11 | | | | | | |
| | 21 | 15 | 118.50 | 24.07 | 111.80 | 22.42 | 105.20 | 21.08 | 101.50 | 20.32 | 98.40 | 19.48 | 91.60 | 18.09 | | | | | | |

Capacity table

To be continued

Continued

| | | YCVII180HR | | | | | | | | Heating Capacity | | | | | | | |
|---------------------|---------------|----------------------|--------|-------|-------|-------|-------|-------|-------|------------------|-------|-------|-------|-------|----|----|----|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| 70 | °C DB | °C WB | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| | -14.7 | -15 | 78.60 | 30.91 | 78.60 | 31.72 | 78.60 | 32.25 | 78.60 | 32.53 | 78.60 | 32.80 | 77.80 | 33.61 | | | |
| | -12.6 | -13 | 83.50 | 31.72 | 83.50 | 32.25 | 83.50 | 32.80 | 83.50 | 33.06 | 83.00 | 33.61 | 80.20 | 32.25 | | | |
| | -10.5 | -11 | 88.60 | 32.25 | 88.60 | 32.80 | 88.50 | 33.35 | 87.70 | 33.61 | 86.00 | 32.53 | 80.20 | 30.09 | | | |
| | -9.5 | -10 | 91.40 | 32.53 | 91.40 | 33.06 | 90.70 | 33.61 | 88.90 | 32.80 | 86.00 | 31.44 | 80.20 | 29.00 | | | |
| | -8.5 | -9.1 | 93.50 | 32.80 | 93.50 | 33.35 | 92.10 | 33.06 | 88.90 | 31.98 | 86.00 | 30.62 | 80.20 | 28.47 | | | |
| | -7 | -7.6 | 97.10 | 33.06 | 96.50 | 33.61 | 92.10 | 31.72 | 88.90 | 30.36 | 86.00 | 29.28 | 80.20 | 27.11 | | | |
| | -5 | -5.6 | 101.90 | 33.61 | 97.90 | 31.98 | 92.10 | 29.81 | 88.90 | 28.73 | 86.00 | 27.66 | 80.20 | 25.67 | | | |
| | -3 | -3.7 | 103.70 | 32.53 | 97.90 | 30.36 | 92.10 | 28.47 | 88.90 | 27.37 | 86.00 | 26.37 | 80.20 | 24.43 | | | |
| | 0 | -0.7 | 103.70 | 30.09 | 97.90 | 28.18 | 92.10 | 26.32 | 88.90 | 25.40 | 86.00 | 24.48 | 80.20 | 22.71 | | | |
| | 3 | 2.2 | 103.70 | 28.18 | 97.90 | 26.32 | 92.10 | 24.59 | 88.90 | 23.75 | 86.00 | 22.94 | 80.20 | 21.29 | | | |
| | 5 | 4.1 | 103.70 | 26.90 | 97.90 | 25.24 | 92.10 | 23.62 | 88.90 | 22.79 | 86.00 | 22.02 | 80.20 | 20.47 | | | |
| | 8.3 | 6.1 | 103.70 | 25.80 | 97.90 | 24.23 | 92.10 | 22.68 | 88.90 | 21.92 | 86.00 | 21.16 | 80.20 | 19.71 | | | |
| | 9 | 7.9 | 103.70 | 24.83 | 97.90 | 23.31 | 92.10 | 21.84 | 88.90 | 21.11 | 86.00 | 20.42 | 80.20 | 19.01 | | | |
| | 11 | 9.8 | 103.70 | 23.91 | 97.90 | 22.47 | 92.10 | 21.08 | 88.90 | 20.37 | 86.00 | 19.53 | 80.20 | 18.35 | | | |
| | 13 | 11.8 | 103.70 | 23.04 | 97.90 | 21.66 | 92.10 | 20.32 | 88.90 | 19.69 | 86.00 | 19.01 | 80.20 | 17.72 | | | |
| | 15 | 13.7 | 103.70 | 22.26 | 97.90 | 20.95 | 92.10 | 19.69 | 88.90 | 19.03 | 86.00 | 18.40 | 80.20 | 17.17 | | | |
| | 19 | 14.2 | 103.70 | 21.13 | 97.90 | 20.37 | 92.10 | 19.14 | 88.90 | 18.14 | 86.00 | 17.36 | 80.20 | 16.47 | | | |
| | 21 | 15 | 103.70 | 20.37 | 97.90 | 19.37 | 92.10 | 18.27 | 88.90 | 17.30 | 86.00 | 16.49 | 80.20 | 15.57 | | | |
| 60 | -14.7 | -15 | 78.60 | 32.53 | 78.60 | 33.06 | 77.50 | 33.61 | 76.30 | 32.53 | 73.90 | 31.44 | 68.70 | 29.00 | | | |
| | -12.6 | -13 | 83.50 | 33.06 | 82.50 | 33.61 | 78.90 | 31.44 | 76.30 | 30.36 | 73.90 | 29.28 | 68.70 | 27.05 | | | |
| | -10.5 | -11 | 87.70 | 33.61 | 83.70 | 31.72 | 78.90 | 29.55 | 76.30 | 28.47 | 73.90 | 27.37 | 68.70 | 25.38 | | | |
| | -9.5 | -10 | 88.90 | 32.80 | 83.70 | 30.62 | 78.90 | 28.73 | 76.30 | 27.66 | 73.90 | 26.59 | 68.70 | 24.62 | | | |
| | -8.5 | -9.1 | 88.90 | 31.98 | 83.70 | 29.81 | 78.90 | 27.92 | 76.30 | 26.87 | 73.90 | 25.88 | 68.70 | 23.99 | | | |
| | -7 | -7.6 | 88.90 | 30.36 | 83.70 | 28.47 | 78.90 | 26.64 | 76.30 | 25.69 | 73.90 | 24.80 | 68.70 | 22.99 | | | |
| | -5 | -5.6 | 88.90 | 28.73 | 83.70 | 26.98 | 78.90 | 25.22 | 76.30 | 24.33 | 73.90 | 23.47 | 68.70 | 21.79 | | | |
| | -3 | -3.7 | 88.90 | 27.37 | 83.70 | 25.64 | 78.90 | 23.99 | 76.30 | 23.18 | 73.90 | 22.36 | 68.70 | 20.79 | | | |
| | 0 | -0.7 | 88.90 | 25.38 | 83.70 | 23.83 | 78.90 | 22.31 | 76.30 | 21.58 | 73.90 | 20.84 | 68.70 | 19.38 | | | |
| | 3 | 2.2 | 88.90 | 23.75 | 83.70 | 22.31 | 78.90 | 20.92 | 76.30 | 20.24 | 73.90 | 19.56 | 68.70 | 18.25 | | | |
| | 5 | 4.1 | 88.90 | 22.79 | 83.70 | 21.44 | 78.90 | 20.11 | 76.30 | 19.45 | 73.90 | 18.82 | 68.70 | 17.54 | | | |
| | 8.3 | 6.1 | 88.90 | 21.89 | 83.70 | 20.63 | 78.90 | 19.38 | 76.30 | 18.75 | 73.90 | 18.14 | 68.70 | 16.91 | | | |
| | 9 | 7.9 | 88.90 | 21.11 | 83.70 | 19.90 | 78.90 | 18.67 | 76.30 | 18.11 | 73.90 | 17.51 | 68.70 | 16.34 | | | |
| | 11 | 9.8 | 88.90 | 20.37 | 83.70 | 19.19 | 78.90 | 18.06 | 76.30 | 17.49 | 73.90 | 16.91 | 68.70 | 15.83 | | | |
| | 13 | 11.8 | 88.90 | 19.66 | 83.70 | 18.54 | 78.90 | 17.43 | 76.30 | 16.88 | 73.90 | 16.36 | 68.70 | 15.31 | | | |
| | 15 | 13.7 | 88.90 | 19.03 | 83.70 | 17.93 | 78.90 | 16.88 | 76.30 | 16.36 | 73.90 | 15.86 | 68.70 | 14.86 | | | |
| | 19 | 14.2 | 88.90 | 18.48 | 83.70 | 17.07 | 78.90 | 16.38 | 76.30 | 15.86 | 73.90 | 15.26 | 68.70 | 14.21 | | | |
| | 21 | 15 | 88.90 | 17.72 | 83.70 | 16.59 | 78.90 | 15.68 | 76.30 | 15.34 | 73.90 | 14.76 | 68.70 | 13.66 | | | |
| 50 | -14.7 | -15 | 74.20 | 31.44 | 69.80 | 29.55 | 65.80 | 27.66 | 63.60 | 26.61 | 61.50 | 25.64 | 57.10 | 23.78 | | | |
| | -12.6 | -13 | 74.20 | 29.55 | 69.80 | 27.66 | 65.80 | 25.75 | 63.60 | 24.88 | 61.50 | 23.99 | 57.10 | 22.26 | | | |
| | -10.5 | -11 | 74.20 | 27.66 | 69.80 | 25.85 | 65.80 | 24.17 | 63.60 | 23.36 | 61.50 | 22.55 | 57.10 | 20.95 | | | |
| | -9.5 | -10 | 74.20 | 26.72 | 69.80 | 25.07 | 65.80 | 23.47 | 63.60 | 22.68 | 61.50 | 21.89 | 57.10 | 20.35 | | | |
| | -8.5 | -9.1 | 74.20 | 26.03 | 69.80 | 24.43 | 65.80 | 22.88 | 63.60 | 22.10 | 61.50 | 21.34 | 57.10 | 19.84 | | | |
| | -7 | -7.6 | 74.20 | 24.93 | 69.80 | 23.41 | 65.80 | 21.92 | 63.60 | 21.19 | 61.50 | 20.50 | 57.10 | 19.08 | | | |
| | -5 | -5.6 | 74.20 | 23.62 | 69.80 | 22.20 | 65.80 | 20.82 | 63.60 | 20.14 | 61.50 | 19.45 | 57.10 | 18.14 | | | |
| | -3 | -3.7 | 74.20 | 22.49 | 69.80 | 21.16 | 65.80 | 19.87 | 63.60 | 19.22 | 61.50 | 18.59 | 57.10 | 17.35 | | | |
| | 0 | -0.7 | 74.20 | 20.95 | 69.80 | 19.74 | 65.80 | 18.54 | 63.60 | 17.96 | 61.50 | 17.38 | 57.10 | 16.23 | | | |
| | 3 | 2.2 | 74.20 | 19.66 | 69.80 | 18.54 | 65.80 | 17.46 | 63.60 | 16.91 | 61.50 | 16.36 | 57.10 | 15.31 | | | |
| | 5 | 4.1 | 74.20 | 18.93 | 69.80 | 17.86 | 65.80 | 16.81 | 63.60 | 16.28 | 61.50 | 15.85 | 57.10 | 14.76 | | | |
| | 8.3 | 6.1 | 74.20 | 18.22 | 69.80 | 17.22 | 65.80 | 16.20 | 63.60 | 15.73 | 61.50 | 15.23 | 57.10 | 14.29 | | | |
| | 9 | 7.9 | 74.20 | 17.59 | 69.80 | 16.62 | 65.80 | 15.68 | 63.60 | 15.21 | 61.50 | 14.74 | 57.10 | 13.82 | | | |
| | 11 | 9.8 | 74.20 | 16.99 | 69.80 | 16.07 | 65.80 | 15.18 | 63.60 | 14.71 | 61.50 | 14.29 | 57.10 | 13.40 | | | |
| | 13 | 11.8 | 74.20 | 16.46 | 69.80 | 15.55 | 65.80 | 14.68 | 63.60 | 14.26 | 61.50 | 13.82 | 57.10 | 12.98 | | | |
| | 15 | 13.7 | 74.20 | 15.94 | 69.80 | 15.10 | 65.80 | 14.26 | 63.60 | 13.84 | 61.50 | 13.42 | 57.10 | 12.64 | | | |
| | 19 | 14.2 | 74.20 | 15.44 | 69.80 | 14.50 | 65.80 | 13.76 | 63.60 | 13.24 | 61.50 | 12.95 | 57.10 | 12.08 | | | |
| | 21 | 15 | 74.20 | 14.42 | 69.80 | 14.10 | 65.80 | 13.40 | 63.60 | 12.67 | 61.50 | 12.45 | 57.10 | 11.59 | | | |

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

| | | YCV1235HR | | | | Heating Capacity | | | | | | | | | | | |
|---------------------|---------------|----------------------|--------|-------|--------|------------------|--------|-------|--------|-------|--------|-------|--------|-------|----|----|----|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| °C DB | | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| 130 | -14.7 | -15 | 82.20 | 21.43 | 82.20 | 22.67 | 82.20 | 23.90 | 82.20 | 24.51 | 82.20 | 25.14 | 82.20 | 26.38 | | | |
| | -12.6 | -13 | 87.20 | 22.68 | 87.20 | 23.86 | 87.20 | 25.02 | 87.20 | 25.57 | 87.20 | 26.18 | 87.20 | 27.34 | | | |
| | -10.5 | -11 | 92.40 | 23.80 | 92.40 | 24.91 | 92.40 | 25.99 | 92.40 | 26.54 | 92.40 | 27.08 | 92.40 | 28.12 | | | |
| | -9.5 | -10 | 95.70 | 24.33 | 95.70 | 25.36 | 95.70 | 26.42 | 95.70 | 26.99 | 95.70 | 27.52 | 95.70 | 28.61 | | | |
| | -8.5 | -9.1 | 98.40 | 24.73 | 98.40 | 25.79 | 98.40 | 26.82 | 98.40 | 27.37 | 98.40 | 27.82 | 98.40 | 28.90 | | | |
| | -7 | -7.6 | 102.50 | 25.42 | 102.50 | 26.44 | 102.50 | 27.45 | 102.50 | 28.04 | 102.50 | 28.35 | 102.50 | 29.41 | | | |
| | -5 | -5.6 | 107.80 | 26.23 | 107.80 | 27.19 | 107.80 | 28.07 | 107.80 | 28.59 | 107.80 | 29.12 | 107.80 | 29.97 | | | |
| | -3 | -3.7 | 112.80 | 26.98 | 112.80 | 27.78 | 112.80 | 28.83 | 112.80 | 29.35 | 112.80 | 29.67 | 112.80 | 30.74 | | | |
| | 0 | -0.7 | 120.30 | 28.00 | 120.30 | 28.83 | 120.30 | 29.65 | 120.30 | 30.15 | 120.30 | 30.46 | 120.30 | 31.30 | | | |
| | 3 | 2.2 | 127.20 | 28.81 | 127.20 | 29.61 | 127.20 | 30.43 | 127.20 | 30.74 | 127.20 | 31.23 | 127.20 | 32.08 | | | |
| | 5 | 4.1 | 132.40 | 29.32 | 132.40 | 30.13 | 132.40 | 30.94 | 132.40 | 31.23 | 132.40 | 31.78 | 132.40 | 32.35 | | | |
| | 8.3 | 6.1 | 137.50 | 29.85 | 137.50 | 30.65 | 137.50 | 31.23 | 137.50 | 31.70 | 137.50 | 32.08 | 137.50 | 32.84 | | | |
| | 9 | 7.9 | 142.50 | 30.13 | 142.50 | 30.94 | 142.50 | 31.70 | 142.50 | 32.08 | 142.50 | 32.35 | 142.50 | 33.12 | | | |
| | 11 | 9.8 | 147.90 | 30.66 | 147.90 | 31.23 | 147.90 | 32.08 | 147.90 | 32.35 | 147.90 | 32.84 | 147.90 | 33.40 | | | |
| | 13 | 11.8 | 152.66 | 30.94 | 152.66 | 31.70 | 152.66 | 32.35 | 152.66 | 32.84 | 152.66 | 33.12 | 152.66 | 33.69 | | | |
| | 15 | 13.7 | 157.50 | 31.43 | 157.30 | 32.00 | 157.30 | 32.62 | 157.30 | 33.12 | 157.30 | 33.40 | 157.30 | 33.55 | | | |
| | 19 | 14.2 | 157.50 | 31.80 | 157.30 | 32.39 | 157.30 | 32.94 | 157.30 | 33.42 | 157.30 | 33.71 | 157.30 | 33.82 | | | |
| | 21 | 15 | 157.50 | 32.13 | 157.30 | 32.78 | 157.30 | 33.26 | 157.30 | 33.63 | 157.30 | 33.39 | 157.30 | 33.18 | | | |
| 120 | -14.7 | -15 | 82.20 | 23.11 | 82.20 | 24.25 | 82.20 | 25.38 | 82.20 | 25.95 | 82.20 | 26.50 | 82.20 | 27.64 | | | |
| | -12.6 | -13 | 87.20 | 24.26 | 87.20 | 25.32 | 87.20 | 26.40 | 87.20 | 26.93 | 87.20 | 27.46 | 87.20 | 28.63 | | | |
| | -10.5 | -11 | 92.40 | 25.28 | 92.40 | 26.26 | 92.40 | 27.31 | 92.40 | 27.82 | 92.40 | 28.35 | 92.40 | 29.43 | | | |
| | -9.5 | -10 | 95.70 | 25.77 | 95.70 | 26.74 | 95.70 | 27.78 | 95.70 | 28.12 | 95.70 | 28.63 | 95.70 | 29.73 | | | |
| | -8.5 | -9.1 | 98.40 | 26.14 | 98.40 | 27.09 | 98.40 | 28.07 | 98.40 | 28.59 | 98.40 | 29.12 | 98.40 | 29.97 | | | |
| | -7 | -7.6 | 102.50 | 26.78 | 102.50 | 27.76 | 102.50 | 28.59 | 102.50 | 29.12 | 102.50 | 29.51 | 102.50 | 30.54 | | | |
| | -5 | -5.6 | 107.80 | 27.51 | 107.80 | 28.34 | 107.80 | 29.36 | 107.80 | 29.69 | 107.80 | 30.27 | 107.80 | 31.01 | | | |
| | -3 | -3.7 | 112.80 | 28.27 | 112.80 | 29.08 | 112.80 | 29.93 | 112.80 | 30.24 | 112.80 | 30.78 | 112.80 | 31.58 | | | |
| | 0 | -0.7 | 120.30 | 29.10 | 120.30 | 29.91 | 120.30 | 30.74 | 120.30 | 31.01 | 120.30 | 31.50 | 120.30 | 31.90 | | | |
| | 3 | 2.2 | 127.20 | 29.89 | 127.20 | 30.66 | 127.20 | 31.50 | 127.20 | 31.78 | 127.20 | 32.08 | 127.20 | 32.92 | | | |
| | 5 | 4.1 | 132.40 | 30.43 | 132.40 | 31.01 | 132.40 | 31.78 | 132.40 | 32.08 | 132.40 | 32.55 | 132.40 | 33.20 | | | |
| | 8.3 | 6.1 | 137.50 | 30.74 | 137.50 | 31.50 | 137.50 | 32.28 | 137.50 | 32.55 | 137.50 | 32.84 | 137.50 | 33.69 | | | |
| | 9 | 7.9 | 142.50 | 31.23 | 142.50 | 31.78 | 142.50 | 32.55 | 142.50 | 32.84 | 142.50 | 33.12 | 142.50 | 33.97 | | | |
| | 11 | 9.8 | 147.90 | 31.50 | 147.90 | 32.28 | 147.90 | 32.84 | 147.90 | 33.12 | 147.90 | 33.40 | 147.90 | 33.00 | | | |
| | 13 | 11.8 | 152.66 | 32.00 | 152.66 | 32.55 | 152.66 | 33.12 | 152.66 | 33.40 | 152.66 | 33.89 | 152.66 | 31.86 | | | |
| | 15 | 13.7 | 157.50 | 32.28 | 157.30 | 32.84 | 157.30 | 33.40 | 157.30 | 33.69 | 154.30 | 33.27 | 143.80 | 30.54 | | | |
| | 19 | 14.2 | 157.50 | 32.70 | 157.30 | 33.27 | 157.30 | 33.59 | 157.30 | 33.38 | 154.30 | 32.62 | 143.80 | 29.90 | | | |
| | 21 | 15 | 157.50 | 33.11 | 157.30 | 33.32 | 157.30 | 33.42 | 157.30 | 32.95 | 154.30 | 31.56 | 143.80 | 29.39 | | | |
| 110 | -14.7 | -15 | 82.20 | 24.75 | 82.20 | 25.82 | 82.20 | 26.81 | 82.20 | 27.37 | 82.20 | 27.90 | 82.20 | 28.96 | | | |
| | -12.6 | -13 | 87.20 | 25.83 | 87.20 | 26.81 | 87.20 | 27.82 | 87.20 | 28.39 | 87.20 | 28.70 | 87.20 | 29.77 | | | |
| | -10.5 | -11 | 92.40 | 26.75 | 92.40 | 27.58 | 92.40 | 28.63 | 92.40 | 29.16 | 92.40 | 29.47 | 92.40 | 30.54 | | | |
| | -9.5 | -10 | 95.70 | 27.19 | 95.70 | 28.12 | 95.70 | 28.92 | 95.70 | 29.51 | 95.70 | 29.97 | 95.70 | 30.81 | | | |
| | -8.5 | -9.1 | 98.40 | 27.54 | 98.40 | 28.39 | 98.40 | 29.39 | 98.40 | 29.79 | 98.40 | 30.24 | 98.40 | 31.08 | | | |
| | -7 | -7.6 | 102.50 | 28.07 | 102.50 | 28.90 | 102.50 | 29.73 | 102.50 | 30.28 | 102.50 | 30.74 | 102.50 | 31.58 | | | |
| | -5 | -5.6 | 107.80 | 28.85 | 107.80 | 29.67 | 107.80 | 30.46 | 107.80 | 30.85 | 107.80 | 31.30 | 107.80 | 32.08 | | | |
| | -3 | -3.7 | 112.80 | 29.39 | 112.80 | 30.21 | 112.80 | 31.01 | 112.80 | 31.32 | 112.80 | 31.86 | 112.80 | 32.42 | | | |
| | 0 | -0.7 | 120.30 | 30.21 | 120.30 | 31.01 | 120.30 | 31.78 | 120.30 | 32.08 | 120.30 | 32.35 | 120.30 | 33.20 | | | |
| | 3 | 2.2 | 127.20 | 31.01 | 127.20 | 31.78 | 127.20 | 32.35 | 127.20 | 32.62 | 127.20 | 33.12 | 127.20 | 33.69 | | | |
| | 5 | 4.1 | 132.40 | 31.50 | 132.40 | 32.08 | 132.40 | 32.62 | 132.40 | 33.12 | 132.40 | 33.40 | 131.80 | 33.69 | | | |
| | 8.3 | 6.1 | 137.50 | 31.78 | 137.50 | 32.35 | 137.50 | 33.12 | 137.50 | 33.40 | 137.50 | 33.69 | 131.80 | 32.28 | | | |
| | 9 | 7.9 | 142.50 | 32.28 | 142.50 | 32.84 | 142.50 | 33.40 | 142.50 | 33.69 | 141.40 | 33.54 | 131.80 | 31.01 | | | |
| | 11 | 9.8 | 147.90 | 32.55 | 147.90 | 33.12 | 147.90 | 33.69 | 146.30 | 33.77 | 141.40 | 32.42 | 131.80 | 29.93 | | | |
| | 13 | 11.8 | 152.66 | 32.84 | 152.66 | 33.40 | 151.10 | 33.55 | 146.30 | 32.42 | 141.40 | 31.08 | 131.80 | 28.85 | | | |
| | 15 | 13.7 | 157.50 | 33.12 | 157.50 | 33.69 | 151.30 | 32.42 | 146.30 | 31.30 | 141.40 | 30.01 | 131.80 | 27.74 | | | |
| | 19 | 14.2 | 157.50 | 33.63 | 157.50 | 33.30 | 151.30 | 31.32 | 146.30 | 30.01 | 141.40 | 28.87 | 131.80 | 26.93 | | | |
| | 21 | 15 | 157.50 | 31.68 | 157.50 | 32.34 | 151.30 | 29.84 | 146.30 | 29.07 | 141.40 | 28.11 | 131.80 | 26.50 | | | |

To be continued

Continued

| | | YCV1235HR | | | | Heating Capacity | | | | | | | | | | | |
|---------------------|---------------|----------------------|--------|-------|--------|------------------|--------|-------|--------|-------|--------|-------|--------|-------|----|----|----|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| °C DB | | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| 100 | -14.7 | -15 | 82.20 | 26.42 | 82.20 | 27.39 | 82.20 | 28.40 | 82.20 | 28.74 | 82.20 | 29.23 | 82.20 | 30.24 | | | |
| | -12.6 | -13 | 87.20 | 27.40 | 87.20 | 28.39 | 87.20 | 29.19 | 87.20 | 29.51 | 87.20 | 30.04 | 87.20 | 30.88 | | | |
| | -10.5 | -11 | 92.40 | 28.34 | 92.40 | 29.16 | 92.40 | 29.97 | 92.40 | 30.32 | 92.40 | 30.81 | 92.40 | 31.58 | | | |
| | -9.5 | -10 | 95.70 | 28.63 | 95.70 | 29.43 | 95.70 | 30.24 | 95.70 | 30.74 | 95.70 | 31.08 | 95.70 | 31.86 | | | |
| | -8.5 | -9.1 | 98.40 | 28.91 | 98.40 | 29.73 | 98.40 | 30.54 | 98.40 | 31.01 | 98.40 | 31.38 | 98.40 | 32.15 | | | |
| | -7 | -7.6 | 102.50 | 29.43 | 102.50 | 30.24 | 102.50 | 31.01 | 102.50 | 31.38 | 102.50 | 31.86 | 102.50 | 32.62 | | | |
| | -5 | -5.6 | 107.80 | 30.17 | 107.80 | 30.81 | 107.80 | 31.58 | 107.80 | 31.86 | 107.80 | 32.35 | 107.80 | 33.00 | | | |
| | -3 | -3.7 | 112.80 | 30.74 | 112.80 | 31.30 | 112.80 | 32.08 | 112.80 | 32.35 | 112.80 | 32.70 | 112.80 | 33.47 | | | |
| | 0 | -0.7 | 120.30 | 31.50 | 120.30 | 32.08 | 120.30 | 32.62 | 120.30 | 33.12 | 120.30 | 33.40 | 119.40 | 33.82 | | | |
| | 3 | 2.2 | 127.20 | 32.08 | 127.20 | 32.62 | 127.20 | 33.40 | 127.20 | 33.69 | 127.20 | 33.97 | 119.80 | 31.70 | | | |
| | 5 | 4.1 | 132.40 | 32.35 | 132.40 | 33.12 | 132.40 | 33.69 | 132.40 | 33.97 | 131.30 | 32.84 | 119.80 | 30.35 | | | |
| | 8.3 | 6.1 | 137.50 | 32.84 | 137.50 | 33.40 | 137.50 | 36.15 | 133.00 | 32.62 | 128.70 | 31.50 | 119.80 | 29.05 | | | |
| | 9 | 7.9 | 142.50 | 33.12 | 142.30 | 33.69 | 137.50 | 32.62 | 133.00 | 31.50 | 128.70 | 30.17 | 119.80 | 27.96 | | | |
| | 11 | 9.8 | 147.90 | 33.40 | 146.20 | 33.77 | 137.50 | 31.30 | 133.00 | 30.21 | 128.70 | 29.08 | 119.80 | 27.67 | | | |
| | 13 | 11.8 | 152.66 | 33.69 | 146.20 | 32.35 | 137.50 | 30.21 | 133.00 | 29.09 | 128.70 | 28.04 | 119.80 | 25.93 | | | |
| | 15 | 13.7 | 155.10 | 33.27 | 146.20 | 31.30 | 137.50 | 29.12 | 133.00 | 28.04 | 128.70 | 27.06 | 119.80 | 25.03 | | | |
| | 19 | 14.2 | 155.10 | 32.31 | 146.20 | 30.26 | 137.50 | 28.40 | 133.00 | 26.86 | 128.70 | 25.90 | 119.80 | 24.19 | | | |
| | 21 | 15 | 155.10 | 31.37 | 146.20 | 29.02 | 137.50 | 27.31 | 133.00 | 26.28 | 128.70 | 24.98 | 119.80 | 23.53 | | | |
| 90 | -14.7 | -15 | 82.20 | 28.15 | 82.20 | 28.97 | 82.20 | 29.81 | 82.20 | 30.32 | 82.20 | 30.61 | 82.20 | 31.38 | | | |
| | -12.6 | -13 | 87.20 | 28.96 | 87.20 | 29.77 | 87.20 | 30.54 | 87.20 | 30.88 | 87.20 | 31.30 | 87.20 | 32.15 | | | |
| | -10.5 | -11 | 92.40 | 29.73 | 92.40 | 30.54 | 92.40 | 31.30 | 92.40 | 31.66 | 92.40 | 31.86 | 92.40 | 32.62 | | | |
| | -9.5 | -10 | 95.70 | 30.02 | 95.70 | 30.81 | 95.70 | 31.66 | 95.70 | 31.93 | 95.70 | 32.15 | 95.70 | 33.00 | | | |
| | -8.5 | -9.1 | 98.40 | 30.24 | 98.40 | 31.08 | 98.40 | 31.93 | 98.40 | 32.22 | 98.40 | 32.42 | 98.40 | 33.27 | | | |
| | -7 | -7.6 | 102.50 | 30.81 | 102.50 | 31.58 | 102.50 | 32.22 | 102.50 | 32.70 | 102.50 | 33.00 | 102.50 | 33.55 | | | |
| | -5 | -5.6 | 107.80 | 31.30 | 107.80 | 32.08 | 107.80 | 32.70 | 107.80 | 33.00 | 107.80 | 33.47 | 106.40 | 33.74 | | | |
| | -3 | -3.7 | 112.80 | 31.86 | 112.80 | 32.62 | 112.80 | 33.20 | 112.80 | 33.47 | 112.80 | 33.77 | 107.80 | 32.48 | | | |
| | 0 | -0.7 | 120.30 | 32.62 | 120.30 | 33.20 | 120.30 | 33.77 | 119.40 | 33.74 | 115.70 | 32.55 | 107.80 | 29.87 | | | |
| | 3 | 2.2 | 127.20 | 33.20 | 128.20 | 33.69 | 123.70 | 32.77 | 119.60 | 31.70 | 115.70 | 30.35 | 107.80 | 28.14 | | | |
| | 5 | 4.1 | 132.40 | 33.47 | 131.40 | 33.69 | 123.70 | 31.43 | 119.60 | 30.35 | 115.70 | 29.05 | 107.80 | 26.93 | | | |
| | 8.3 | 6.1 | 137.50 | 33.77 | 131.40 | 32.35 | 123.70 | 30.13 | 119.60 | 29.05 | 115.70 | 27.96 | 107.80 | 25.88 | | | |
| | 9 | 7.9 | 139.60 | 33.20 | 131.40 | 31.01 | 123.70 | 29.05 | 119.60 | 27.96 | 115.70 | 26.91 | 107.80 | 24.91 | | | |
| | 11 | 9.8 | 139.60 | 31.86 | 131.40 | 29.89 | 123.70 | 27.96 | 119.60 | 26.90 | 115.70 | 25.93 | 107.80 | 24.05 | | | |
| | 13 | 11.8 | 139.60 | 30.74 | 131.40 | 28.82 | 123.70 | 26.84 | 119.60 | 25.91 | 115.70 | 25.01 | 107.80 | 23.20 | | | |
| | 15 | 13.7 | 139.60 | 29.66 | 131.40 | 27.74 | 123.70 | 25.91 | 119.60 | 25.03 | 115.70 | 24.18 | 107.80 | 22.41 | | | |
| | 19 | 14.2 | 139.60 | 28.87 | 131.40 | 26.96 | 123.70 | 25.10 | 119.60 | 24.23 | 115.70 | 23.25 | 107.80 | 21.51 | | | |
| | 21 | 15 | 139.60 | 27.73 | 131.40 | 25.81 | 123.70 | 24.56 | 119.60 | 23.38 | 115.70 | 22.30 | 107.80 | 20.67 | | | |
| 80 | -14.7 | -15 | 82.20 | 29.77 | 82.20 | 30.61 | 82.20 | 31.38 | 82.20 | 31.66 | 82.20 | 31.93 | 82.20 | 32.70 | | | |
| | -12.6 | -13 | 87.20 | 30.54 | 87.20 | 31.16 | 87.20 | 31.93 | 87.20 | 32.22 | 87.20 | 32.70 | 87.20 | 33.27 | | | |
| | -10.5 | -11 | 92.40 | 31.08 | 92.40 | 31.86 | 92.40 | 32.42 | 92.40 | 32.92 | 92.40 | 33.27 | 92.50 | 33.69 | | | |
| | -9.5 | -10 | 95.70 | 31.58 | 95.70 | 32.15 | 95.70 | 32.70 | 95.70 | 33.20 | 95.70 | 33.47 | 94.70 | 33.66 | | | |
| | -8.5 | -9.1 | 98.40 | 31.86 | 98.40 | 32.42 | 98.40 | 33.00 | 98.40 | 33.47 | 98.40 | 33.77 | 95.70 | 32.94 | | | |
| | -7 | -7.6 | 102.50 | 32.15 | 102.50 | 32.70 | 102.50 | 33.47 | 102.50 | 33.77 | 101.00 | 33.74 | 95.70 | 31.48 | | | |
| | -5 | -5.6 | 107.80 | 32.70 | 107.80 | 33.20 | 107.80 | 33.77 | 106.20 | 33.66 | 102.80 | 32.32 | 95.70 | 29.88 | | | |
| | -3 | -3.7 | 112.80 | 33.20 | 112.80 | 33.77 | 110.00 | 33.17 | 106.20 | 31.85 | 102.80 | 30.75 | 95.70 | 28.34 | | | |
| | 0 | -0.7 | 120.30 | 33.77 | 116.80 | 32.90 | 110.00 | 30.80 | 106.20 | 29.71 | 102.80 | 28.40 | 95.70 | 26.38 | | | |
| | 3 | 2.2 | 124.00 | 32.84 | 116.80 | 30.86 | 110.00 | 28.74 | 106.20 | 27.63 | 102.80 | 26.67 | 95.70 | 24.74 | | | |
| | 5 | 4.1 | 124.00 | 31.50 | 116.80 | 29.54 | 110.00 | 27.60 | 106.20 | 26.55 | 102.80 | 25.61 | 95.70 | 23.73 | | | |
| | 8.3 | 6.1 | 124.00 | 30.15 | 116.80 | 28.24 | 110.00 | 26.45 | 106.20 | 25.55 | 102.80 | 24.62 | 95.70 | 22.83 | | | |
| | 9 | 7.9 | 124.00 | 29.05 | 116.80 | 27.22 | 110.00 | 25.45 | 106.20 | 24.56 | 102.80 | 23.71 | 95.70 | 22.00 | | | |
| | 11 | 9.8 | 124.00 | 28.00 | 116.80 | 26.21 | 110.00 | 24.52 | 106.20 | 23.70 | 102.80 | 22.87 | 95.70 | 21.25 | | | |
| | 13 | 11.8 | 124.00 | 26.94 | 116.80 | 25.27 | 110.00 | 23.65 | 106.20 | 22.84 | 102.80 | 22.04 | 95.70 | 20.50 | | | |
| | 15 | 13.7 | 124.00 | 26.03 | 116.80 | 24.24 | 110.00 | 22.86 | 106.20 | 22.09 | 102.80 | 21.35 | 95.70 | 19.85 | | | |
| | 19 | 14.2 | 124.00 | 25.12 | 116.80 | 23.74 | 110.00 | 22.02 | 106.20 | 21.22 | 102.80 | 20.44 | 95.70 | 19.26 | | | |
| | 21 | 15 | 124.00 | 24.36 | 116.80 | 22.77 | 110.00 | 21.34 | 106.20 | 20.50 | 102.80 | 19.67 | 95.70 | 18.28 | | | |

To be continued

Continued

Capacity table

| | | YCVI235HR | | | | | | | | Heating Capacity | | | | | | | |
|---------------------|---------------|----------------------|--------|-------|--------|-------|-------|-------|-------|------------------|-------|-------|-------|-------|----|----|----|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| °C DB | | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| 70 | -14.7 | -15 | 82.20 | 31.38 | 82.20 | 32.15 | 82.20 | 32.78 | 82.20 | 33.07 | 82.20 | 33.35 | 81.50 | 33.66 | | | |
| | -12.6 | -13 | 87.20 | 32.15 | 87.20 | 32.70 | 87.20 | 33.27 | 87.20 | 33.55 | 86.90 | 33.74 | 83.90 | 32.18 | | | |
| | -10.5 | -11 | 92.40 | 32.62 | 92.40 | 33.27 | 92.60 | 33.69 | 91.70 | 33.52 | 89.90 | 32.54 | 83.90 | 30.12 | | | |
| | -9.5 | -10 | 95.70 | 32.92 | 95.70 | 33.47 | 94.80 | 33.66 | 92.90 | 32.74 | 89.90 | 31.48 | 83.90 | 29.02 | | | |
| | -8.5 | -9.1 | 98.40 | 33.20 | 98.40 | 33.77 | 96.20 | 33.02 | 92.90 | 31.90 | 89.90 | 30.64 | 83.90 | 28.47 | | | |
| | -7 | -7.6 | 102.50 | 33.47 | 100.90 | 33.66 | 96.20 | 31.78 | 92.90 | 30.43 | 89.90 | 29.36 | 83.90 | 27.17 | | | |
| | -5 | -5.6 | 106.60 | 33.89 | 102.30 | 32.12 | 96.20 | 29.90 | 92.90 | 28.86 | 89.90 | 27.78 | 83.90 | 25.77 | | | |
| | -3 | -3.7 | 108.40 | 32.70 | 102.30 | 30.51 | 96.20 | 28.58 | 92.90 | 27.52 | 89.90 | 26.50 | 83.90 | 24.55 | | | |
| | 0 | -0.7 | 108.40 | 30.30 | 102.30 | 28.36 | 96.20 | 26.49 | 92.90 | 25.57 | 89.90 | 24.67 | 83.90 | 22.86 | | | |
| | 3 | 2.2 | 108.40 | 28.40 | 102.30 | 26.57 | 96.20 | 24.80 | 92.90 | 23.96 | 89.90 | 23.13 | 83.90 | 21.49 | | | |
| | 5 | 4.1 | 108.40 | 27.16 | 102.30 | 25.48 | 96.20 | 23.83 | 92.90 | 23.01 | 89.90 | 22.24 | 83.90 | 20.68 | | | |
| | 8.3 | 6.1 | 108.40 | 26.08 | 102.30 | 24.48 | 96.20 | 22.93 | 92.90 | 22.16 | 89.90 | 21.39 | 83.90 | 19.92 | | | |
| | 9 | 7.9 | 108.40 | 25.13 | 102.30 | 23.59 | 96.20 | 22.10 | 92.90 | 21.35 | 89.90 | 20.64 | 83.90 | 19.22 | | | |
| | 11 | 9.8 | 108.40 | 24.21 | 102.30 | 22.74 | 96.20 | 21.33 | 92.90 | 20.61 | 89.90 | 19.81 | 83.90 | 18.58 | | | |
| | 13 | 11.8 | 108.40 | 23.34 | 102.30 | 21.95 | 96.20 | 20.58 | 92.90 | 19.93 | 89.90 | 19.27 | 83.90 | 17.95 | | | |
| | 15 | 13.7 | 108.40 | 22.57 | 102.30 | 21.23 | 96.20 | 19.96 | 92.90 | 19.29 | 89.90 | 18.65 | 83.90 | 17.41 | | | |
| | 19 | 14.2 | 108.40 | 21.54 | 102.30 | 20.56 | 96.20 | 19.36 | 92.90 | 18.53 | 89.90 | 17.64 | 83.90 | 16.73 | | | |
| | 21 | 15 | 108.40 | 20.70 | 102.30 | 19.50 | 96.20 | 18.45 | 92.90 | 17.54 | 89.90 | 16.78 | 83.90 | 15.81 | | | |
| 60 | -14.7 | -15 | 82.20 | 33.07 | 82.20 | 33.55 | 81.00 | 33.52 | 79.80 | 32.32 | 77.20 | 31.25 | 71.70 | 28.84 | | | |
| | -12.6 | -13 | 87.20 | 33.55 | 86.30 | 33.52 | 82.40 | 31.33 | 79.80 | 30.25 | 77.20 | 29.18 | 71.70 | 26.98 | | | |
| | -10.5 | -11 | 91.70 | 33.52 | 87.50 | 31.70 | 82.40 | 29.51 | 79.80 | 28.44 | 77.20 | 27.37 | 71.70 | 25.36 | | | |
| | -9.5 | -10 | 92.90 | 32.74 | 87.50 | 30.61 | 82.40 | 28.67 | 79.80 | 27.62 | 77.20 | 26.58 | 71.70 | 24.62 | | | |
| | -8.5 | -9.1 | 92.90 | 31.90 | 87.50 | 29.83 | 82.40 | 27.92 | 79.80 | 26.88 | 77.20 | 25.89 | 71.70 | 24.00 | | | |
| | -7 | -7.6 | 92.90 | 30.43 | 87.50 | 28.55 | 82.40 | 26.70 | 79.80 | 25.75 | 77.20 | 24.90 | 71.70 | 23.06 | | | |
| | -5 | -5.6 | 92.90 | 28.86 | 87.50 | 27.07 | 82.40 | 25.32 | 79.80 | 24.41 | 77.20 | 23.53 | 71.70 | 21.87 | | | |
| | -3 | -3.7 | 92.90 | 27.54 | 87.50 | 25.77 | 82.40 | 24.11 | 79.80 | 23.31 | 77.20 | 22.50 | 71.70 | 20.90 | | | |
| | 0 | -0.7 | 92.90 | 25.55 | 87.50 | 23.99 | 82.40 | 22.48 | 79.80 | 21.71 | 77.20 | 20.99 | 71.70 | 19.50 | | | |
| | 3 | 2.2 | 92.90 | 23.94 | 87.50 | 22.52 | 82.40 | 21.12 | 79.80 | 20.39 | 77.20 | 19.72 | 71.70 | 18.42 | | | |
| | 5 | 4.1 | 92.90 | 23.01 | 87.50 | 21.65 | 82.40 | 20.29 | 79.80 | 19.64 | 77.20 | 19.01 | 71.70 | 17.73 | | | |
| | 8.3 | 6.1 | 92.90 | 22.14 | 87.50 | 20.85 | 82.40 | 19.58 | 79.80 | 18.95 | 77.20 | 18.34 | 71.70 | 17.10 | | | |
| | 9 | 7.9 | 92.90 | 21.35 | 87.50 | 20.13 | 82.40 | 18.89 | 79.80 | 18.32 | 77.20 | 17.71 | 71.70 | 16.52 | | | |
| | 11 | 9.8 | 92.90 | 20.61 | 87.50 | 19.41 | 82.40 | 18.28 | 79.80 | 17.69 | 77.20 | 17.14 | 71.70 | 16.01 | | | |
| | 13 | 11.8 | 92.90 | 19.91 | 87.50 | 18.76 | 82.40 | 17.65 | 79.80 | 17.12 | 77.20 | 16.57 | 71.70 | 15.50 | | | |
| | 15 | 13.7 | 92.90 | 19.29 | 87.50 | 18.18 | 82.40 | 17.12 | 79.80 | 16.58 | 77.20 | 16.08 | 71.70 | 15.05 | | | |
| | 19 | 14.2 | 92.90 | 18.68 | 87.50 | 17.36 | 82.40 | 16.52 | 79.80 | 15.97 | 77.20 | 15.41 | 71.70 | 14.41 | | | |
| | 21 | 15 | 92.90 | 17.87 | 87.50 | 16.80 | 82.40 | 15.82 | 79.80 | 15.44 | 77.20 | 14.90 | 71.70 | 13.79 | | | |
| 50 | -14.7 | -15 | 77.50 | 31.27 | 72.90 | 29.37 | 68.70 | 27.48 | 66.50 | 26.46 | 64.30 | 25.53 | 59.70 | 23.66 | | | |
| | -12.6 | -13 | 77.50 | 29.40 | 72.90 | 27.55 | 68.70 | 25.68 | 66.50 | 24.81 | 64.30 | 23.93 | 59.70 | 22.23 | | | |
| | -10.5 | -11 | 77.50 | 27.60 | 72.90 | 25.83 | 68.70 | 24.17 | 66.50 | 23.34 | 64.30 | 22.53 | 59.70 | 20.93 | | | |
| | -9.5 | -10 | 77.50 | 26.72 | 72.90 | 25.05 | 68.70 | 23.49 | 66.50 | 22.69 | 64.30 | 21.92 | 59.70 | 20.36 | | | |
| | -8.5 | -9.1 | 77.50 | 26.05 | 72.90 | 24.45 | 68.70 | 22.90 | 66.50 | 22.11 | 64.30 | 21.37 | 59.70 | 19.86 | | | |
| | -7 | -7.6 | 77.50 | 24.99 | 72.90 | 23.45 | 68.70 | 21.97 | 66.50 | 21.24 | 64.30 | 20.55 | 59.70 | 19.14 | | | |
| | -5 | -5.6 | 77.50 | 23.70 | 72.90 | 22.30 | 68.70 | 20.89 | 66.50 | 20.20 | 64.30 | 19.52 | 59.70 | 18.23 | | | |
| | -3 | -3.7 | 77.50 | 22.60 | 72.90 | 21.28 | 68.70 | 19.97 | 66.50 | 19.32 | 64.30 | 18.68 | 59.70 | 17.44 | | | |
| | 0 | -0.7 | 77.50 | 21.08 | 72.90 | 19.90 | 68.70 | 18.68 | 66.50 | 18.09 | 64.30 | 17.51 | 59.70 | 16.36 | | | |
| | 3 | 2.2 | 77.50 | 19.84 | 72.90 | 18.70 | 68.70 | 17.60 | 66.50 | 17.06 | 64.30 | 16.50 | 59.70 | 15.43 | | | |
| | 5 | 4.1 | 77.50 | 19.10 | 72.90 | 18.03 | 68.70 | 16.98 | 66.50 | 16.44 | 64.30 | 16.08 | 59.70 | 14.94 | | | |
| | 8.3 | 6.1 | 77.50 | 18.40 | 72.90 | 17.40 | 68.70 | 16.38 | 66.50 | 15.90 | 64.30 | 15.41 | 59.70 | 14.42 | | | |
| | 9 | 7.9 | 77.50 | 17.78 | 72.90 | 16.81 | 68.70 | 15.86 | 66.50 | 15.39 | 64.30 | 14.90 | 59.70 | 13.99 | | | |
| | 11 | 9.8 | 77.50 | 17.20 | 72.90 | 16.28 | 68.70 | 15.37 | 66.50 | 14.90 | 64.30 | 14.46 | 59.70 | 13.56 | | | |
| | 13 | 11.8 | 77.50 | 16.66 | 72.90 | 15.73 | 68.70 | 14.86 | 66.50 | 14.44 | 64.30 | 13.99 | 59.70 | 13.13 | | | |
| | 15 | 13.7 | 77.50 | 16.15 | 72.90 | 15.31 | 68.70 | 14.44 | 66.50 | 14.05 | 64.30 | 13.59 | 59.70 | 12.79 | | | |
| | 19 | 14.2 | 77.50 | 15.63 | 72.90 | 14.71 | 68.70 | 13.89 | 66.50 | 13.40 | 64.30 | 13.07 | 59.70 | 12.28 | | | |
| | 21 | 15 | 77.50 | 14.73 | 72.90 | 14.14 | 68.70 | 13.45 | 66.50 | 12.84 | 64.30 | 12.57 | 59.70 | 11.78 | | | |

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

| | | YCV1300HR | | | | | | | | Heating Capacity | | | | | | | | | | |
|---------------------|---------------|----------------------|--------|-------|--------|-------|--------|-------|--------|------------------|--------|-------|--------|-------|----|----|----|----|----|----|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | |
| 130 | °C DB | °C WB | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| | -14.7 | -15 | 85.40 | 22.90 | 85.40 | 24.27 | 85.40 | 25.60 | 85.40 | 26.28 | 85.40 | 26.97 | 85.40 | 28.32 | | | | | | |
| | -12.6 | -13 | 90.80 | 24.33 | 90.80 | 25.60 | 90.80 | 26.88 | 90.80 | 27.49 | 90.80 | 28.15 | 90.80 | 29.41 | | | | | | |
| | -10.5 | -11 | 96.60 | 25.57 | 96.60 | 26.79 | 96.60 | 27.98 | 96.60 | 28.58 | 96.60 | 29.19 | 96.60 | 30.31 | | | | | | |
| | -9.5 | -10 | 99.80 | 26.17 | 99.80 | 27.32 | 99.80 | 28.47 | 99.80 | 29.07 | 99.80 | 29.67 | 99.80 | 30.88 | | | | | | |
| | -8.5 | -9.1 | 102.10 | 26.64 | 102.10 | 27.80 | 102.10 | 28.92 | 102.10 | 29.50 | 102.10 | 29.99 | 102.10 | 31.19 | | | | | | |
| | -7 | -7.6 | 106.20 | 27.41 | 106.20 | 28.52 | 106.20 | 29.61 | 106.20 | 30.31 | 106.20 | 30.59 | 106.20 | 31.78 | | | | | | |
| | -5 | -5.6 | 112.00 | 28.32 | 112.00 | 29.36 | 112.00 | 30.31 | 112.00 | 30.88 | 112.00 | 31.48 | 112.00 | 32.38 | | | | | | |
| | -3 | -3.7 | 117.40 | 29.16 | 117.40 | 29.99 | 117.40 | 31.19 | 117.40 | 31.78 | 117.40 | 32.08 | 117.40 | 33.26 | | | | | | |
| | 0 | -0.7 | 126.00 | 30.31 | 126.00 | 31.19 | 126.00 | 32.08 | 126.00 | 32.66 | 126.00 | 32.97 | 126.00 | 33.87 | | | | | | |
| | 3 | 2.2 | 134.10 | 31.19 | 134.10 | 32.08 | 134.10 | 32.97 | 134.10 | 33.26 | 134.10 | 33.87 | 134.10 | 34.75 | | | | | | |
| | 5 | 4.1 | 139.50 | 31.78 | 139.50 | 32.66 | 139.50 | 33.55 | 139.50 | 33.87 | 139.50 | 34.45 | 139.50 | 35.04 | | | | | | |
| | 8.3 | 6.1 | 145.00 | 32.38 | 145.00 | 33.26 | 145.00 | 33.87 | 145.00 | 34.45 | 145.00 | 34.75 | 145.00 | 35.64 | | | | | | |
| | 9 | 7.9 | 150.20 | 32.66 | 150.20 | 33.55 | 150.20 | 34.45 | 150.20 | 35.04 | 150.20 | 35.4 | 150.20 | 35.94 | | | | | | |
| | 11 | 9.8 | 155.60 | 33.26 | 155.60 | 33.87 | 155.60 | 34.75 | 155.60 | 35.04 | 155.60 | 35.64 | 155.60 | 36.22 | | | | | | |
| | 13 | 11.8 | 160.56 | 33.55 | 160.56 | 34.45 | 160.56 | 35.04 | 160.56 | 35.64 | 160.56 | 35.94 | 160.56 | 36.54 | | | | | | |
| | 15 | 13.7 | 166.80 | 34.15 | 166.60 | 34.75 | 166.60 | 35.34 | 166.60 | 35.94 | 166.60 | 36.22 | 166.60 | 36.83 | | | | | | |
| | 19 | 14.2 | 166.80 | 34.47 | 166.60 | 35.11 | 166.60 | 35.67 | 166.60 | 36.25 | 166.60 | 36.57 | 166.60 | 37.17 | | | | | | |
| | 21 | 15 | 166.80 | 34.73 | 166.60 | 35.45 | 166.60 | 36.02 | 166.60 | 36.45 | 166.60 | 36.99 | 166.60 | 37.59 | | | | | | |
| 120 | -14.7 | -15 | 85.40 | 24.73 | 85.40 | 25.99 | 85.40 | 27.23 | 85.40 | 27.86 | 85.40 | 28.47 | 85.40 | 29.7 | | | | | | |
| | -12.6 | -13 | 90.80 | 26.05 | 90.80 | 27.21 | 90.80 | 28.38 | 90.80 | 28.98 | 90.80 | 29.59 | 90.80 | 30.88 | | | | | | |
| | -10.5 | -11 | 96.60 | 27.21 | 96.60 | 28.29 | 96.60 | 29.41 | 96.60 | 29.99 | 96.60 | 30.59 | 96.60 | 31.78 | | | | | | |
| | -9.5 | -10 | 99.80 | 27.75 | 99.80 | 28.81 | 99.80 | 29.99 | 99.80 | 30.31 | 99.80 | 30.88 | 99.80 | 32.08 | | | | | | |
| | -8.5 | -9.1 | 102.10 | 28.18 | 102.10 | 29.22 | 102.10 | 30.31 | 102.10 | 30.88 | 102.10 | 31.48 | 102.10 | 32.38 | | | | | | |
| | -7 | -7.6 | 106.20 | 28.89 | 106.20 | 29.99 | 106.20 | 30.88 | 106.20 | 31.48 | 106.20 | 31.86 | 106.20 | 32.97 | | | | | | |
| | -5 | -5.6 | 112.00 | 29.70 | 112.00 | 30.59 | 112.00 | 31.78 | 112.00 | 32.08 | 112.00 | 32.75 | 112.00 | 33.55 | | | | | | |
| | -3 | -3.7 | 117.40 | 30.59 | 117.40 | 31.48 | 117.40 | 32.38 | 117.40 | 32.66 | 117.40 | 33.34 | 117.40 | 34.15 | | | | | | |
| | 0 | -0.7 | 126.00 | 31.48 | 126.00 | 32.38 | 126.00 | 33.26 | 126.00 | 33.55 | 126.00 | 34.15 | 126.00 | 35.04 | | | | | | |
| | 3 | 2.2 | 134.10 | 32.38 | 134.10 | 33.26 | 134.10 | 34.15 | 134.10 | 34.45 | 134.10 | 34.75 | 134.10 | 35.64 | | | | | | |
| | 5 | 4.1 | 139.50 | 32.97 | 139.50 | 33.55 | 139.50 | 34.45 | 139.50 | 34.75 | 139.50 | 35.34 | 139.50 | 35.94 | | | | | | |
| | 8.3 | 6.1 | 145.00 | 33.26 | 145.00 | 34.15 | 145.00 | 35.04 | 145.00 | 35.34 | 145.00 | 35.64 | 145.00 | 36.54 | | | | | | |
| | 9 | 7.9 | 150.20 | 33.87 | 150.20 | 34.45 | 150.20 | 35.34 | 150.20 | 35.64 | 150.20 | 35.94 | 150.20 | 36.83 | | | | | | |
| | 11 | 9.8 | 155.60 | 34.15 | 155.60 | 35.04 | 155.60 | 35.64 | 155.60 | 35.94 | 155.60 | 36.22 | 155.60 | 37.17 | | | | | | |
| | 13 | 11.8 | 160.56 | 34.75 | 160.56 | 35.34 | 160.56 | 35.94 | 160.56 | 36.22 | 160.56 | 36.83 | 160.56 | 37.59 | | | | | | |
| | 15 | 13.7 | 166.60 | 35.04 | 166.60 | 35.64 | 166.60 | 36.22 | 166.60 | 36.54 | 166.60 | 37.17 | 166.60 | 37.99 | | | | | | |
| | 19 | 14.2 | 166.60 | 35.33 | 166.60 | 35.94 | 166.60 | 36.27 | 166.60 | 36.19 | 166.60 | 36.77 | 166.60 | 37.53 | | | | | | |
| | 21 | 15 | 166.60 | 35.70 | 166.60 | 36.22 | 166.60 | 36.48 | 166.60 | 36.91 | 166.60 | 37.42 | 166.60 | 38.10 | | | | | | |
| 110 | -14.7 | -15 | 85.40 | 26.55 | 85.40 | 27.72 | 85.40 | 28.81 | 85.40 | 29.41 | 85.40 | 29.99 | 85.40 | 31.19 | | | | | | |
| | -12.6 | -13 | 90.80 | 27.77 | 90.80 | 28.84 | 90.80 | 29.99 | 90.80 | 30.59 | 90.80 | 30.88 | 90.80 | 32.08 | | | | | | |
| | -10.5 | -11 | 96.60 | 28.81 | 96.60 | 29.70 | 96.60 | 30.88 | 96.60 | 31.48 | 96.60 | 31.78 | 96.60 | 32.97 | | | | | | |
| | -9.5 | -10 | 99.80 | 29.30 | 99.80 | 30.31 | 99.80 | 31.19 | 99.80 | 31.86 | 99.80 | 32.38 | 99.80 | 33.26 | | | | | | |
| | -8.5 | -9.1 | 102.10 | 29.70 | 102.10 | 30.59 | 102.10 | 31.78 | 102.10 | 32.16 | 102.10 | 32.66 | 102.10 | 33.55 | | | | | | |
| | -7 | -7.6 | 106.20 | 30.31 | 106.20 | 31.19 | 106.20 | 32.08 | 106.20 | 32.75 | 106.20 | 33.26 | 106.20 | 34.15 | | | | | | |
| | -5 | -5.6 | 112.00 | 31.19 | 112.00 | 32.08 | 112.00 | 32.97 | 112.00 | 33.34 | 112.00 | 33.87 | 112.00 | 34.75 | | | | | | |
| | -3 | -3.7 | 117.40 | 31.78 | 117.40 | 32.66 | 117.40 | 33.55 | 117.40 | 33.84 | 117.40 | 34.45 | 117.40 | 35.04 | | | | | | |
| | 0 | -0.7 | 126.00 | 32.66 | 126.00 | 33.55 | 126.00 | 34.45 | 126.00 | 34.73 | 126.00 | 35.04 | 126.00 | 35.94 | | | | | | |
| | 3 | 2.2 | 134.10 | 33.55 | 134.10 | 34.45 | 134.10 | 35.04 | 134.10 | 35.34 | 134.10 | 35.94 | 134.10 | 36.54 | | | | | | |
| | 5 | 4.1 | 139.50 | 34.15 | 139.50 | 34.75 | 139.50 | 35.34 | 139.50 | 35.94 | 139.50 | 36.22 | 139.50 | 36.83 | | | | | | |
| | 8.3 | 6.1 | 145.00 | 34.45 | 145.00 | 35.04 | 145.00 | 35.94 | 145.00 | 36.22 | 145.00 | 36.54 | 145.00 | 37.17 | | | | | | |
| | 9 | 7.9 | 150.20 | 35.04 | 150.20 | 35.64 | 150.20 | 36.22 | 150.20 | 36.54 | 150.20 | 36.83 | 150.20 | 37.59 | | | | | | |
| | 11 | 9.8 | 155.60 | 35.34 | 155.60 | 35.94 | 155.60 | 36.54 | 155.60 | 36.83 | 155.60 | 37.17 | 155.60 | 37.99 | | | | | | |
| | 13 | 11.8 | 160.56 | 35.64 | 160.56 | 36.22 | 160.56 | 36.91 | 160.56 | 37.42 | 160.56 | 37.99 | 160.56 | 38.77 | | | | | | |
| | 15 | 13.7 | 166.60 | 35.94 | 166.60 | 36.54 | 166.60 | 37.17 | 166.60 | 37.87 | 166.60 | 38.28 | 166.60 | 39.00 | | | | | | |
| | 19 | 14.2 | 166.60 | 33.58 | 166.60 | 35.14 | 166.60 | 35.91 | 166.60 | 36.28 | 166.60 | 37.01 | 166.60 | 37.87 | | | | | | |
| | 21 | 15 | 166.60 | 33.87 | 166.60 | 35.14 | 166.60 | 35.91 | 166.60 | 36.51 | 166.60 | 37.41 | 166.60 | 38.28 | | | | | | |

To be continued

Continued

| Capacity Factor (%) | | YCVI300HR | | | | | | | | | | Heating Capacity | | | | | | | | | |
|---------------------|-------|---------------|--------|----------------------|--------|-------|--------|-------|--------|-------|--------|------------------|--------|-------|----|----|----|----|----|----|--|
| | | Outdoor Temp. | | Indoor Temp. (°C DB) | | | | | | | | | | 21.1 | | | | 22 | | 24 | |
| | | | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | 22 | | 24 | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | | |
| | | °C DB | °C WB | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | | |
| 100 | -14.7 | -15 | 85.40 | 28.38 | 85.40 | 29.44 | 85.40 | 30.59 | 85.40 | 30.88 | 85.40 | 31.48 | 85.40 | 32.66 | | | | | | | |
| | -12.6 | -13 | 90.80 | 29.50 | 90.80 | 30.59 | 90.80 | 31.48 | 90.80 | 31.78 | 90.80 | 32.38 | 90.80 | 33.26 | | | | | | | |
| | -10.5 | -11 | 96.60 | 30.59 | 96.60 | 31.48 | 96.60 | 32.38 | 96.60 | 32.66 | 96.60 | 33.26 | 96.60 | 34.15 | | | | | | | |
| | -9.5 | -10 | 99.80 | 30.88 | 99.80 | 31.78 | 99.80 | 32.66 | 99.80 | 33.26 | 99.80 | 33.55 | 99.80 | 34.45 | | | | | | | |
| | -8.5 | -9.1 | 102.10 | 31.19 | 102.10 | 32.08 | 102.10 | 32.97 | 102.10 | 33.60 | 102.10 | 33.87 | 102.10 | 34.75 | | | | | | | |
| | -7 | -7.6 | 106.20 | 31.78 | 106.20 | 32.66 | 106.20 | 33.55 | 106.20 | 33.82 | 106.20 | 34.45 | 106.20 | 35.34 | | | | | | | |
| | -5 | -5.6 | 112.00 | 32.66 | 112.00 | 33.26 | 112.00 | 34.15 | 112.00 | 34.41 | 112.00 | 35.04 | 112.00 | 35.64 | | | | | | | |
| | -3 | -3.7 | 117.40 | 33.26 | 117.40 | 33.87 | 117.40 | 34.75 | 117.40 | 35.02 | 117.40 | 35.34 | 117.40 | 36.22 | | | | | | | |
| | 0 | -0.7 | 126.00 | 34.15 | 126.00 | 34.75 | 126.00 | 35.34 | 126.00 | 35.93 | 126.00 | 36.22 | 126.10 | 36.83 | | | | | | | |
| | 3 | 2.2 | 134.10 | 34.75 | 134.10 | 35.34 | 134.10 | 36.22 | 134.10 | 36.54 | 134.10 | 36.83 | 126.50 | 34.45 | | | | | | | |
| | 5 | 4.1 | 139.50 | 35.04 | 139.50 | 35.94 | 139.50 | 36.54 | 139.50 | 36.83 | 138.30 | 35.64 | 126.50 | 32.97 | | | | | | | |
| | 8.3 | 6.1 | 145.00 | 35.64 | 145.00 | 36.22 | 145.00 | 38.10 | 140.40 | 35.34 | 135.70 | 34.15 | 126.50 | 31.48 | | | | | | | |
| | 9 | 7.9 | 150.20 | 35.94 | 150.20 | 36.54 | 145.00 | 35.34 | 140.40 | 34.15 | 135.70 | 32.66 | 126.50 | 30.31 | | | | | | | |
| | 11 | 9.8 | 155.60 | 36.22 | 154.30 | 36.54 | 145.00 | 33.87 | 140.40 | 32.66 | 135.70 | 31.48 | 126.50 | 29.13 | | | | | | | |
| | 13 | 11.8 | 160.56 | 36.54 | 154.30 | 35.04 | 145.00 | 32.66 | 140.40 | 31.48 | 135.70 | 30.31 | 126.50 | 28.04 | | | | | | | |
| | 15 | 13.7 | 163.50 | 35.94 | 154.30 | 33.87 | 145.00 | 31.48 | 140.40 | 30.31 | 135.70 | 29.22 | 126.50 | 27.06 | | | | | | | |
| | 19 | 14.2 | 163.50 | 34.99 | 154.30 | 32.69 | 145.00 | 30.70 | 140.40 | 29.04 | 135.70 | 28.10 | 126.50 | 26.34 | | | | | | | |
| | 21 | 15 | 163.50 | 33.87 | 154.30 | 31.28 | 145.00 | 29.54 | 140.40 | 28.59 | 135.70 | 27.26 | 126.50 | 25.74 | | | | | | | |
| 90 | -14.7 | -15 | 85.40 | 30.31 | 85.40 | 31.19 | 85.40 | 32.08 | 85.40 | 32.66 | 85.40 | 32.97 | 85.40 | 33.87 | | | | | | | |
| | -12.6 | -13 | 90.80 | 31.19 | 90.80 | 32.08 | 90.80 | 32.97 | 90.80 | 33.26 | 90.80 | 33.87 | 90.80 | 34.75 | | | | | | | |
| | -10.5 | -11 | 96.60 | 32.08 | 96.60 | 32.97 | 96.60 | 33.87 | 96.60 | 34.15 | 96.60 | 34.45 | 96.60 | 35.34 | | | | | | | |
| | -9.5 | -10 | 99.80 | 32.38 | 99.80 | 33.26 | 99.80 | 34.15 | 99.80 | 34.45 | 99.80 | 34.75 | 99.80 | 35.64 | | | | | | | |
| | -8.5 | -9.1 | 102.10 | 32.66 | 102.10 | 33.55 | 102.10 | 34.45 | 102.10 | 34.75 | 102.10 | 35.04 | 102.10 | 35.94 | | | | | | | |
| | -7 | -7.6 | 106.20 | 33.26 | 106.20 | 34.15 | 106.20 | 34.75 | 106.20 | 35.34 | 106.20 | 35.64 | 106.20 | 36.22 | | | | | | | |
| | -5 | -5.6 | 112.00 | 33.87 | 112.00 | 34.75 | 112.00 | 35.34 | 112.00 | 35.64 | 112.00 | 36.22 | 112.00 | 36.83 | | | | | | | |
| | -3 | -3.7 | 117.40 | 34.45 | 117.40 | 35.34 | 117.40 | 35.94 | 117.40 | 36.22 | 117.40 | 36.54 | 113.60 | 35.34 | | | | | | | |
| | 0 | -0.7 | 126.00 | 35.34 | 126.00 | 35.94 | 126.00 | 36.54 | 125.90 | 36.83 | 122.00 | 35.34 | 113.60 | 32.66 | | | | | | | |
| | 3 | 2.2 | 134.10 | 35.94 | 134.10 | 36.54 | 130.60 | 35.64 | 126.10 | 34.45 | 122.00 | 32.97 | 113.60 | 30.59 | | | | | | | |
| | 5 | 4.1 | 139.50 | 36.22 | 138.80 | 36.54 | 130.60 | 34.15 | 126.10 | 32.97 | 122.00 | 31.48 | 113.60 | 29.22 | | | | | | | |
| | 8.3 | 6.1 | 145.00 | 36.54 | 138.80 | 35.04 | 130.60 | 32.66 | 126.10 | 31.48 | 122.00 | 30.31 | 113.60 | 28.07 | | | | | | | |
| | 9 | 7.9 | 147.40 | 35.94 | 138.80 | 33.55 | 130.60 | 31.48 | 126.10 | 30.31 | 122.00 | 29.16 | 113.60 | 27.00 | | | | | | | |
| | 11 | 9.8 | 147.40 | 34.45 | 138.80 | 32.38 | 130.60 | 30.31 | 126.10 | 29.10 | 122.00 | 28.07 | 113.60 | 26.02 | | | | | | | |
| | 13 | 11.8 | 147.40 | 33.26 | 138.80 | 31.19 | 130.60 | 29.01 | 126.10 | 28.01 | 122.00 | 27.03 | 113.60 | 25.08 | | | | | | | |
| | 15 | 13.7 | 147.40 | 32.08 | 138.80 | 29.99 | 130.60 | 28.01 | 126.10 | 27.06 | 122.00 | 26.11 | 113.60 | 24.21 | | | | | | | |
| | 19 | 14.2 | 147.40 | 31.28 | 138.80 | 29.15 | 130.60 | 27.12 | 126.10 | 26.25 | 122.00 | 25.17 | 113.60 | 23.33 | | | | | | | |
| | 21 | 15 | 147.40 | 30.14 | 138.80 | 28.07 | 130.60 | 26.63 | 126.10 | 25.39 | 122.00 | 24.28 | 113.60 | 22.38 | | | | | | | |
| 80 | -14.7 | -15 | 85.40 | 32.08 | 85.40 | 32.97 | 85.40 | 33.87 | 85.40 | 34.15 | 85.40 | 34.45 | 85.40 | 35.34 | | | | | | | |
| | -12.6 | -13 | 90.80 | 32.97 | 90.80 | 33.55 | 90.80 | 34.45 | 90.80 | 34.75 | 90.80 | 35.34 | 90.80 | 35.94 | | | | | | | |
| | -10.5 | -11 | 96.60 | 33.55 | 96.60 | 34.45 | 96.60 | 35.04 | 96.60 | 35.64 | 96.60 | 35.94 | 96.60 | 36.54 | | | | | | | |
| | -9.5 | -10 | 99.80 | 34.15 | 99.80 | 34.75 | 99.80 | 35.34 | 99.80 | 35.94 | 99.80 | 36.22 | 99.80 | 36.83 | | | | | | | |
| | -8.5 | -9.1 | 102.10 | 34.45 | 102.10 | 35.04 | 102.10 | 35.64 | 102.10 | 36.22 | 102.10 | 36.54 | 100.90 | 36.22 | | | | | | | |
| | -7 | -7.6 | 106.20 | 34.75 | 106.20 | 35.34 | 106.20 | 36.22 | 106.20 | 36.54 | 106.20 | 36.83 | 100.90 | 34.45 | | | | | | | |
| | -5 | -5.6 | 112.00 | 35.34 | 112.00 | 35.94 | 112.00 | 36.54 | 112.00 | 36.83 | 108.50 | 35.34 | 100.90 | 32.66 | | | | | | | |
| | -3 | -3.7 | 117.40 | 35.94 | 117.40 | 36.54 | 116.00 | 36.22 | 112.00 | 34.75 | 108.50 | 33.55 | 100.90 | 30.88 | | | | | | | |
| | 0 | -0.7 | 126.00 | 36.54 | 123.30 | 35.94 | 116.00 | 33.55 | 112.00 | 32.38 | 108.50 | 30.88 | 100.90 | 28.70 | | | | | | | |
| | 3 | 2.2 | 130.90 | 35.64 | 123.30 | 33.55 | 116.00 | 31.19 | 112.00 | 29.99 | 108.50 | 28.98 | 100.90 | 26.85 | | | | | | | |
| | 5 | 4.1 | 130.90 | 34.15 | 123.30 | 32.08 | 116.00 | 29.99 | 112.00 | 28.81 | 108.50 | 27.77 | 100.90 | 25.74 | | | | | | | |
| | 8.3 | 6.1 | 130.90 | 32.66 | 123.30 | 30.59 | 116.00 | 28.67 | 112.00 | 27.69 | 108.50 | 26.69 | 100.90 | 24.76 | | | | | | | |
| | 9 | 7.9 | 130.90 | 31.48 | 123.30 | 29.50 | 116.00 | 27.55 | 112.00 | 26.61 | 108.50 | 25.68 | 100.90 | 23.84 | | | | | | | |
| | 11 | 9.8 | 130.90 | 30.31 | 123.30 | 28.38 | 116.00 | 26.55 | 112.00 | 25.66 | 108.50 | 24.76 | 100.90 | 22.99 | | | | | | | |
| | 13 | 11.8 | 130.90 | 29.13 | 123.30 | 27.32 | 116.00 | 25.57 | 112.00 | 24.70 | 108.50 | 23.84 | 100.90 | 22.18 | | | | | | | |
| | 15 | 13.7 | 130.90 | 28.13 | 123.30 | 26.14 | 116.00 | 24.70 | 112.00 | 23.87 | 108.50 | 23.07 | 100.90 | 21.47 | | | | | | | |
| | 19 | 14.2 | 130.90 | 27.15 | 123.30 | 25.68 | 116.00 | 23.73 | 112.00 | 22.99 | 108.50 | 22.09 | 100.90 | 20.94 | | | | | | | |
| | 21 | 15 | 130.90 | 26.38 | 123.30 | 24.56 | 116.00 | 23.09 | 112.00 | 22.26 | 108.50 | 21.34 | 100.90 | 19.83 | | | | | | | |

Capacity table

To be continued

Continued

| | | YCV1300HR | | | | | | | | Heating Capacity | | | | | | | |
|---------------------|---------------|----------------------|--------|-------|--------|-------|--------|-------|-------|------------------|-------|-------|-------|-------|-------|-------|-------|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| 70 | °C DB | °C WB | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| | -14.7 | -15 | 85.40 | 33.87 | 85.40 | 34.75 | 85.40 | 35.34 | 85.40 | 35.64 | 85.40 | 35.94 | 85.40 | 36.83 | 85.40 | 36.83 | 85.40 |
| | -12.6 | -13 | 90.80 | 34.75 | 90.80 | 35.34 | 90.80 | 35.94 | 90.80 | 36.22 | 90.80 | 36.83 | 88.40 | 35.34 | 88.40 | 35.34 | 88.40 |
| | -10.5 | -11 | 96.60 | 35.34 | 96.60 | 35.94 | 96.60 | 36.54 | 96.60 | 36.83 | 94.90 | 35.64 | 88.40 | 32.97 | 88.40 | 32.97 | 88.40 |
| | -9.5 | -10 | 99.80 | 35.64 | 99.80 | 36.22 | 99.80 | 36.83 | 98.10 | 35.94 | 94.90 | 34.45 | 88.40 | 31.78 | 88.40 | 31.78 | 88.40 |
| | -8.5 | -9.1 | 102.10 | 35.94 | 102.10 | 36.54 | 101.60 | 36.22 | 98.10 | 35.04 | 94.90 | 33.55 | 88.40 | 31.19 | 88.40 | 31.19 | 88.40 |
| | -7 | -7.6 | 106.20 | 36.22 | 106.20 | 36.83 | 101.60 | 34.75 | 98.10 | 33.26 | 94.90 | 32.08 | 88.40 | 29.70 | 88.40 | 29.70 | 88.40 |
| | -5 | -5.6 | 112.00 | 36.83 | 107.90 | 35.04 | 101.60 | 32.66 | 98.10 | 31.48 | 94.90 | 30.31 | 88.40 | 28.13 | 88.40 | 28.13 | 88.40 |
| | -3 | -3.7 | 114.40 | 35.64 | 107.90 | 33.26 | 101.60 | 31.19 | 98.10 | 29.99 | 94.90 | 28.89 | 88.40 | 26.76 | 88.40 | 26.76 | 88.40 |
| | 0 | -0.7 | 114.40 | 32.97 | 107.90 | 30.88 | 101.60 | 28.84 | 98.10 | 27.83 | 94.90 | 26.82 | 88.40 | 24.88 | 88.40 | 24.88 | 88.40 |
| | 3 | 2.2 | 114.40 | 30.88 | 107.90 | 28.84 | 101.60 | 26.94 | 98.10 | 26.02 | 94.90 | 25.14 | 88.40 | 23.32 | 88.40 | 23.32 | 88.40 |
| | 5 | 4.1 | 114.40 | 29.47 | 107.90 | 27.66 | 101.60 | 25.88 | 98.10 | 24.97 | 94.90 | 24.13 | 88.40 | 22.43 | 88.40 | 22.43 | 88.40 |
| | 8.3 | 6.1 | 114.40 | 28.26 | 107.90 | 26.55 | 101.60 | 24.85 | 98.10 | 24.02 | 94.90 | 23.18 | 88.40 | 21.59 | 88.40 | 21.59 | 88.40 |
| | 9 | 7.9 | 114.40 | 27.21 | 107.90 | 25.54 | 101.60 | 23.93 | 98.10 | 23.12 | 94.90 | 22.37 | 88.40 | 20.83 | 88.40 | 20.83 | 88.40 |
| | 11 | 9.8 | 114.40 | 26.19 | 107.90 | 24.62 | 101.60 | 23.09 | 98.10 | 22.32 | 94.90 | 21.41 | 88.40 | 20.11 | 88.40 | 20.11 | 88.40 |
| | 13 | 11.8 | 114.40 | 25.24 | 107.90 | 23.73 | 101.60 | 22.27 | 98.10 | 21.57 | 94.90 | 20.83 | 88.40 | 19.42 | 88.40 | 19.42 | 88.40 |
| | 15 | 13.7 | 114.40 | 24.39 | 107.90 | 22.96 | 101.60 | 21.57 | 98.10 | 20.85 | 94.90 | 20.16 | 88.40 | 18.82 | 88.40 | 18.82 | 88.40 |
| | 19 | 14.2 | 114.40 | 23.15 | 107.90 | 22.32 | 101.60 | 20.96 | 98.10 | 19.88 | 94.90 | 19.02 | 88.40 | 18.04 | 88.40 | 18.04 | 88.40 |
| | 21 | 15 | 114.40 | 22.32 | 107.90 | 21.23 | 101.60 | 20.02 | 98.10 | 18.96 | 94.90 | 18.07 | 88.40 | 17.07 | 88.40 | 17.07 | 88.40 |
| 60 | -14.7 | -15 | 85.40 | 35.64 | 85.40 | 36.22 | 85.40 | 36.83 | 84.10 | 35.64 | 81.50 | 34.45 | 75.70 | 31.78 | 88.40 | 31.78 | 88.40 |
| | -12.6 | -13 | 90.80 | 36.22 | 90.80 | 36.83 | 87.00 | 34.45 | 84.10 | 33.26 | 81.50 | 32.08 | 75.70 | 29.64 | 88.40 | 29.64 | 88.40 |
| | -10.5 | -11 | 96.60 | 36.83 | 92.30 | 34.75 | 87.00 | 32.38 | 84.10 | 31.19 | 81.50 | 29.99 | 75.70 | 27.80 | 88.40 | 27.80 | 88.40 |
| | -9.5 | -10 | 98.10 | 35.94 | 92.30 | 33.55 | 87.00 | 31.48 | 84.10 | 30.31 | 81.50 | 29.13 | 75.70 | 26.97 | 88.40 | 26.97 | 88.40 |
| | -8.5 | -9.1 | 98.10 | 35.04 | 92.30 | 32.66 | 87.00 | 30.59 | 84.10 | 29.44 | 81.50 | 28.35 | 75.70 | 26.28 | 88.40 | 26.28 | 88.40 |
| | -7 | -7.6 | 98.10 | 33.26 | 92.30 | 31.19 | 87.00 | 29.19 | 84.10 | 28.15 | 81.50 | 27.18 | 75.70 | 25.19 | 88.40 | 25.19 | 88.40 |
| | -5 | -5.6 | 98.10 | 31.48 | 92.30 | 29.56 | 87.00 | 27.63 | 84.10 | 26.66 | 81.50 | 25.71 | 75.70 | 23.87 | 88.40 | 23.87 | 88.40 |
| | -3 | -3.7 | 98.10 | 29.99 | 92.30 | 28.10 | 87.00 | 26.28 | 84.10 | 25.39 | 81.50 | 24.50 | 75.70 | 22.78 | 88.40 | 22.78 | 88.40 |
| | 0 | -0.7 | 98.10 | 27.80 | 92.30 | 26.11 | 87.00 | 24.45 | 84.10 | 23.64 | 81.50 | 22.84 | 75.70 | 21.23 | 88.40 | 21.23 | 88.40 |
| | 3 | 2.2 | 98.10 | 26.02 | 92.30 | 24.45 | 87.00 | 22.93 | 84.10 | 22.18 | 81.50 | 21.44 | 75.70 | 19.99 | 88.40 | 19.99 | 88.40 |
| | 5 | 4.1 | 98.10 | 24.97 | 92.30 | 23.50 | 87.00 | 22.04 | 84.10 | 21.32 | 81.50 | 20.62 | 75.70 | 19.22 | 88.40 | 19.22 | 88.40 |
| | 8.3 | 6.1 | 98.10 | 23.99 | 92.30 | 22.60 | 87.00 | 21.23 | 84.10 | 20.54 | 81.50 | 19.88 | 75.70 | 18.53 | 88.40 | 18.53 | 88.40 |
| | 9 | 7.9 | 98.10 | 23.12 | 92.30 | 21.80 | 87.00 | 20.46 | 84.10 | 19.85 | 81.50 | 19.19 | 75.70 | 17.90 | 88.40 | 17.90 | 88.40 |
| | 11 | 9.8 | 98.10 | 22.32 | 92.30 | 21.02 | 87.00 | 19.79 | 84.10 | 19.16 | 81.50 | 18.53 | 75.70 | 17.35 | 88.40 | 17.35 | 88.40 |
| | 13 | 11.8 | 98.10 | 21.54 | 92.30 | 20.31 | 87.00 | 19.10 | 84.10 | 18.50 | 81.50 | 17.92 | 75.70 | 16.78 | 88.40 | 16.78 | 88.40 |
| | 15 | 13.7 | 98.10 | 20.85 | 92.30 | 19.65 | 87.00 | 18.50 | 84.10 | 17.92 | 81.50 | 17.38 | 75.70 | 16.29 | 88.40 | 16.29 | 88.40 |
| | 19 | 14.2 | 98.10 | 20.25 | 92.30 | 18.70 | 87.00 | 17.94 | 84.10 | 17.38 | 81.50 | 16.72 | 75.70 | 15.57 | 88.40 | 15.57 | 88.40 |
| | 21 | 15 | 98.10 | 19.41 | 92.30 | 18.18 | 87.00 | 17.18 | 84.10 | 16.81 | 81.50 | 16.18 | 75.70 | 14.97 | 88.40 | 14.97 | 88.40 |
| 50 | -14.7 | -15 | 81.70 | 34.45 | 76.90 | 32.38 | 72.50 | 30.31 | 70.10 | 29.16 | 67.80 | 28.10 | 63.00 | 26.05 | 88.40 | 26.05 | 88.40 |
| | -12.6 | -13 | 81.70 | 32.38 | 76.90 | 30.31 | 72.50 | 28.21 | 70.10 | 27.26 | 67.80 | 26.28 | 63.00 | 24.39 | 88.40 | 24.39 | 88.40 |
| | -10.5 | -11 | 81.70 | 30.31 | 76.90 | 28.32 | 72.50 | 26.49 | 70.10 | 25.60 | 67.80 | 24.70 | 63.00 | 22.96 | 88.40 | 22.96 | 88.40 |
| | -9.5 | -10 | 81.70 | 29.28 | 76.90 | 27.46 | 72.50 | 25.71 | 70.10 | 24.85 | 67.80 | 23.99 | 63.00 | 22.29 | 88.40 | 22.29 | 88.40 |
| | -8.5 | -9.1 | 81.70 | 28.52 | 76.90 | 26.76 | 72.50 | 25.08 | 70.10 | 24.21 | 67.80 | 23.38 | 63.00 | 21.74 | 88.40 | 21.74 | 88.40 |
| | -7 | -7.6 | 81.70 | 27.32 | 76.90 | 25.66 | 72.50 | 24.02 | 70.10 | 23.21 | 67.80 | 22.46 | 63.00 | 20.91 | 88.40 | 20.91 | 88.40 |
| | -5 | -5.6 | 81.70 | 25.88 | 76.90 | 24.33 | 72.50 | 22.81 | 70.10 | 22.06 | 67.80 | 21.32 | 63.00 | 19.88 | 88.40 | 19.88 | 88.40 |
| | -3 | -3.7 | 81.70 | 24.64 | 76.90 | 23.18 | 72.50 | 21.77 | 70.10 | 21.05 | 67.80 | 20.37 | 63.00 | 19.01 | 88.40 | 19.01 | 88.40 |
| | 0 | -0.7 | 81.70 | 22.96 | 76.90 | 21.62 | 72.50 | 20.31 | 70.10 | 19.68 | 67.80 | 19.04 | 63.00 | 17.79 | 88.40 | 17.79 | 88.40 |
| | 3 | 2.2 | 81.70 | 21.54 | 76.90 | 20.31 | 72.50 | 19.13 | 70.10 | 18.53 | 67.80 | 17.92 | 63.00 | 16.78 | 88.40 | 16.78 | 88.40 |
| | 5 | 4.1 | 81.70 | 20.74 | 76.90 | 19.56 | 72.50 | 18.42 | 70.10 | 17.85 | 67.80 | 17.32 | 63.00 | 16.18 | 88.40 | 16.18 | 88.40 |
| | 8.3 | 6.1 | 81.70 | 19.97 | 76.90 | 18.87 | 72.50 | 17.76 | 70.10 | 17.23 | 67.80 | 16.69 | 63.00 | 15.66 | 88.40 | 15.66 | 88.40 |
| | 9 | 7.9 | 81.70 | 19.28 | 76.90 | 18.21 | 72.50 | 17.18 | 70.10 | 16.66 | 67.80 | 16.15 | 63.00 | 15.14 | 88.40 | 15.14 | 88.40 |
| | 11 | 9.8 | 81.70 | 18.62 | 76.90 | 17.61 | 72.50 | 16.63 | 70.10 | 16.12 | 67.80 | 15.66 | 63.00 | 14.68 | 88.40 | 14.68 | 88.40 |
| | 13 | 11.8 | 81.70 | 18.03 | 76.90 | 17.04 | 72.50 | 16.09 | 70.10 | 15.63 | 67.80 | 15.14 | 63.00 | 14.23 | 88.40 | 14.23 | 88.40 |
| | 15 | 13.7 | 81.70 | 17.46 | 76.90 | 16.54 | 72.50 | 15.63 | 70.10 | 15.17 | 67.80 | 14.71 | 63.00 | 13.84 | 88.40 | 13.84 | 88.40 |
| | 19 | 14.2 | 81.70 | 16.92 | 76.90 | 15.88 | 72.50 | 15.07 | 70.10 | 14.50 | 67.80 | 14.20 | 63.00 | 13.24 | 88.40 | 13.24 | 88.40 |
| | 21 | 15 | 81.70 | 15.80 | 76.90 | 15.45 | 72.50 | 14.68 | 70.10 | 13.88 | 67.80 | 13.64 | 63.00 | 12.70 | 88.40 | 12.70 | 88.40 |

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

| | | YCV1350HR | | | | | | | | | | Heating Capacity | | | | | |
|---------------------|---------------|----------------------|--------|-------|--------|-------|--------|-------|--------|-------|--------|------------------|--------|-------|--------|-------|----|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| °C DB | °C WB | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| 130 | -14.7 | -15 | 87.90 | 23.91 | 87.90 | 25.35 | 87.90 | 26.73 | 87.90 | 27.45 | 87.90 | 28.17 | 87.90 | 29.58 | | | |
| | -12.6 | -13 | 93.60 | 25.41 | 93.60 | 26.73 | 93.60 | 28.08 | 93.60 | 28.71 | 93.60 | 29.40 | 93.60 | 30.72 | | | |
| | -10.5 | -11 | 99.60 | 26.70 | 99.60 | 27.99 | 99.60 | 29.22 | 99.60 | 29.85 | 99.60 | 30.48 | 99.60 | 31.65 | | | |
| | -9.5 | -10 | 102.90 | 27.33 | 102.90 | 28.53 | 102.90 | 29.73 | 102.90 | 30.36 | 102.90 | 30.99 | 102.90 | 32.25 | | | |
| | -8.5 | -9.1 | 105.30 | 27.81 | 105.30 | 29.04 | 105.30 | 30.21 | 105.30 | 30.81 | 105.30 | 31.32 | 105.30 | 32.58 | | | |
| | -7 | -7.6 | 109.50 | 28.62 | 109.50 | 29.79 | 109.50 | 30.93 | 109.50 | 31.65 | 109.50 | 31.95 | 109.50 | 33.18 | | | |
| | -5 | -5.6 | 115.50 | 29.58 | 115.50 | 30.66 | 115.50 | 31.65 | 115.50 | 32.25 | 115.50 | 32.88 | 115.50 | 33.81 | | | |
| | -3 | -3.7 | 121.20 | 30.45 | 121.20 | 31.32 | 121.20 | 32.58 | 121.20 | 33.18 | 121.20 | 33.51 | 121.20 | 34.74 | | | |
| | 0 | -0.7 | 130.20 | 31.65 | 130.20 | 32.58 | 130.20 | 33.51 | 130.20 | 34.11 | 130.20 | 34.44 | 130.20 | 35.37 | | | |
| | 3 | 2.2 | 138.60 | 32.58 | 138.60 | 33.51 | 138.60 | 34.44 | 138.60 | 34.74 | 138.60 | 35.37 | 138.60 | 36.30 | | | |
| | 5 | 4.1 | 144.30 | 33.18 | 144.30 | 34.11 | 144.30 | 35.04 | 144.30 | 35.37 | 144.30 | 35.97 | 144.30 | 36.60 | | | |
| | 8.3 | 6.1 | 150.00 | 33.81 | 150.00 | 34.74 | 150.00 | 35.37 | 150.00 | 35.97 | 150.00 | 36.30 | 150.00 | 37.23 | | | |
| | 9 | 7.9 | 155.40 | 34.11 | 155.40 | 35.04 | 155.40 | 35.97 | 155.40 | 36.30 | 155.40 | 36.60 | 155.40 | 37.53 | | | |
| | 11 | 9.8 | 161.10 | 34.74 | 161.10 | 35.37 | 161.10 | 36.30 | 161.10 | 36.60 | 161.10 | 37.23 | 161.10 | 37.83 | | | |
| | 13 | 11.8 | 167.34 | 35.04 | 167.34 | 35.97 | 167.34 | 36.60 | 167.34 | 37.23 | 167.34 | 37.53 | 167.34 | 38.16 | | | |
| | 15 | 13.7 | 172.80 | 35.67 | 172.50 | 36.30 | 172.50 | 36.90 | 172.50 | 37.53 | 172.50 | 37.83 | 172.50 | 38.83 | | | |
| | 19 | 14.2 | 172.80 | 36.00 | 172.50 | 36.66 | 172.50 | 37.26 | 172.50 | 37.86 | 172.50 | 38.19 | 172.50 | 39.08 | | | |
| | 21 | 15 | 172.80 | 36.27 | 172.50 | 37.02 | 172.50 | 37.62 | 172.50 | 38.07 | 172.50 | 37.59 | 172.50 | 36.69 | | | |
| 120 | -14.7 | -15 | 87.90 | 25.83 | 87.90 | 27.15 | 87.90 | 28.44 | 87.90 | 29.10 | 87.90 | 29.73 | 87.90 | 31.02 | | | |
| | -12.6 | -13 | 93.60 | 27.21 | 93.60 | 28.41 | 93.60 | 29.64 | 93.60 | 30.27 | 93.60 | 30.90 | 93.60 | 32.25 | | | |
| | -10.5 | -11 | 99.60 | 28.41 | 99.60 | 29.55 | 99.60 | 30.72 | 99.60 | 31.32 | 99.60 | 31.95 | 99.60 | 33.18 | | | |
| | -9.5 | -10 | 102.90 | 28.98 | 102.90 | 30.09 | 102.90 | 31.32 | 102.90 | 31.65 | 102.90 | 32.25 | 102.90 | 33.51 | | | |
| | -8.5 | -9.1 | 105.30 | 29.43 | 105.30 | 30.51 | 105.30 | 31.65 | 105.30 | 32.25 | 105.30 | 32.88 | 105.30 | 33.81 | | | |
| | -7 | -7.6 | 109.50 | 30.18 | 109.50 | 31.32 | 109.50 | 32.25 | 109.50 | 32.88 | 109.50 | 33.30 | 109.50 | 34.44 | | | |
| | -5 | -5.6 | 115.50 | 31.02 | 115.50 | 31.95 | 115.50 | 33.18 | 115.50 | 33.51 | 115.50 | 34.20 | 115.50 | 35.04 | | | |
| | -3 | -3.7 | 121.20 | 31.95 | 121.20 | 32.88 | 121.20 | 33.81 | 121.20 | 34.11 | 121.20 | 34.80 | 121.20 | 35.67 | | | |
| | 0 | -0.7 | 130.20 | 32.88 | 130.20 | 33.81 | 130.20 | 34.74 | 130.20 | 35.04 | 130.20 | 35.67 | 130.20 | 36.60 | | | |
| | 3 | 2.2 | 138.60 | 33.81 | 138.60 | 34.74 | 138.60 | 35.67 | 138.60 | 35.97 | 138.60 | 36.30 | 138.60 | 37.23 | | | |
| | 5 | 4.1 | 144.30 | 34.44 | 144.30 | 35.04 | 144.30 | 35.97 | 144.30 | 36.30 | 144.30 | 36.90 | 144.30 | 37.53 | | | |
| | 8.3 | 6.1 | 150.00 | 34.74 | 150.00 | 35.67 | 150.00 | 36.60 | 150.00 | 36.90 | 150.00 | 37.23 | 150.00 | 38.16 | | | |
| | 9 | 7.9 | 155.40 | 35.37 | 155.40 | 35.97 | 155.40 | 36.90 | 155.40 | 37.23 | 155.40 | 37.53 | 155.40 | 38.46 | | | |
| | 11 | 9.8 | 161.10 | 35.67 | 161.10 | 36.60 | 161.10 | 37.23 | 161.10 | 37.53 | 161.10 | 37.83 | 161.10 | 37.23 | | | |
| | 13 | 11.8 | 167.34 | 36.30 | 167.34 | 36.90 | 167.34 | 37.53 | 167.34 | 37.83 | 167.34 | 38.46 | 167.34 | 39.57 | | | |
| | 15 | 13.7 | 172.50 | 36.60 | 172.50 | 37.23 | 172.50 | 37.83 | 172.50 | 38.16 | 172.50 | 37.53 | 172.50 | 38.44 | | | |
| | 19 | 14.2 | 172.50 | 36.90 | 172.50 | 37.53 | 172.50 | 37.89 | 172.50 | 37.80 | 172.50 | 37.80 | 172.50 | 36.90 | 156.90 | 33.60 | |
| | 21 | 15 | 172.50 | 37.29 | 172.50 | 37.83 | 172.50 | 38.10 | 172.50 | 37.50 | 172.50 | 35.76 | 172.50 | 33.00 | | | |
| 110 | -14.7 | -15 | 87.90 | 27.72 | 87.90 | 28.95 | 87.90 | 30.09 | 87.90 | 30.72 | 87.90 | 31.32 | 87.90 | 32.58 | | | |
| | -12.6 | -13 | 93.60 | 29.01 | 93.60 | 30.12 | 93.60 | 31.32 | 93.60 | 31.95 | 93.60 | 32.25 | 93.60 | 33.51 | | | |
| | -10.5 | -11 | 99.60 | 30.09 | 99.60 | 31.02 | 99.60 | 32.25 | 99.60 | 32.88 | 99.60 | 33.18 | 99.60 | 34.44 | | | |
| | -9.5 | -10 | 102.90 | 30.60 | 102.90 | 31.65 | 102.90 | 32.58 | 102.90 | 33.30 | 102.90 | 33.81 | 102.90 | 34.74 | | | |
| | -8.5 | -9.1 | 105.30 | 31.02 | 105.30 | 31.95 | 105.30 | 33.18 | 105.30 | 33.60 | 105.30 | 34.11 | 105.30 | 35.04 | | | |
| | -7 | -7.6 | 109.50 | 31.65 | 109.50 | 32.58 | 109.50 | 33.51 | 109.50 | 34.20 | 109.50 | 34.74 | 109.50 | 35.67 | | | |
| | -5 | -5.6 | 115.50 | 32.58 | 115.50 | 33.51 | 115.50 | 34.44 | 115.50 | 34.80 | 115.50 | 35.37 | 115.50 | 36.30 | | | |
| | -3 | -3.7 | 121.20 | 33.18 | 121.20 | 34.11 | 121.20 | 35.04 | 121.20 | 35.40 | 121.20 | 35.97 | 121.20 | 36.60 | | | |
| | 0 | -0.7 | 130.20 | 34.11 | 130.20 | 35.04 | 130.20 | 35.97 | 130.20 | 36.30 | 130.20 | 36.60 | 130.20 | 37.53 | | | |
| | 3 | 2.2 | 138.60 | 35.04 | 138.60 | 35.97 | 138.60 | 36.60 | 138.60 | 36.90 | 138.60 | 37.53 | 138.60 | 38.16 | | | |
| | 5 | 4.1 | 144.30 | 35.67 | 144.30 | 36.30 | 144.30 | 36.90 | 144.30 | 37.53 | 144.30 | 37.83 | 144.30 | 38.46 | | | |
| | 8.3 | 6.1 | 150.00 | 35.97 | 150.00 | 36.60 | 150.00 | 37.53 | 150.00 | 37.83 | 150.00 | 38.16 | 150.00 | 38.60 | | | |
| | 9 | 7.9 | 155.40 | 36.60 | 155.40 | 37.23 | 155.40 | 37.83 | 155.40 | 38.16 | 155.40 | 38.46 | 155.40 | 39.08 | | | |
| | 11 | 9.8 | 161.10 | 36.90 | 161.10 | 37.53 | 161.10 | 38.16 | 161.10 | 38.46 | 161.10 | 38.83 | 161.10 | 39.57 | | | |
| | 13 | 11.8 | 167.34 | 37.23 | 167.34 | 37.83 | 167.34 | 38.16 | 167.34 | 38.46 | 167.34 | 38.83 | 167.34 | 39.57 | | | |
| | 15 | 13.7 | 172.50 | 37.53 | 172.50 | 38.16 | 172.50 | 38.60 | 172.50 | 38.97 | 172.50 | 39.34 | 172.50 | 39.85 | | | |

To be continued

Continued

| | | YCV1350HR | | | | | | | | | | Heating Capacity | | | | | |
|---------------------|---------------|----------------------|--------|-------|--------|-------|--------|-------|--------|-------|--------|------------------|--------|-------|----|----|----|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| 100 | °C DB | °C WB | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| | -14.7 | -15 | 87.90 | 29.64 | 87.90 | 30.75 | 87.90 | 31.95 | 87.90 | 32.25 | 87.90 | 32.88 | 87.90 | 34.11 | | | |
| | -12.6 | -13 | 93.60 | 30.81 | 93.60 | 31.95 | 93.60 | 32.88 | 93.60 | 33.18 | 93.60 | 33.81 | 93.60 | 34.74 | | | |
| | -10.5 | -11 | 99.60 | 31.95 | 99.60 | 32.88 | 99.60 | 33.81 | 99.60 | 34.11 | 99.60 | 34.74 | 99.60 | 35.67 | | | |
| | -9.5 | -10 | 102.90 | 32.25 | 102.90 | 33.18 | 102.90 | 34.11 | 102.90 | 34.74 | 102.90 | 35.04 | 102.90 | 35.97 | | | |
| | -8.5 | -9.1 | 105.30 | 32.58 | 105.30 | 33.51 | 105.30 | 34.44 | 105.30 | 35.04 | 105.30 | 35.37 | 105.30 | 36.30 | | | |
| | -7 | -7.6 | 109.50 | 33.18 | 109.50 | 34.11 | 109.50 | 35.04 | 109.50 | 35.37 | 109.50 | 35.97 | 109.50 | 36.90 | | | |
| | -5 | -5.6 | 115.50 | 34.11 | 115.50 | 34.74 | 115.50 | 35.67 | 115.50 | 35.97 | 115.50 | 36.60 | 115.50 | 37.23 | | | |
| | -3 | -3.7 | 121.20 | 34.74 | 121.20 | 35.37 | 121.20 | 36.30 | 121.20 | 36.60 | 121.20 | 36.90 | 121.20 | 37.83 | | | |
| | 0 | -0.7 | 130.20 | 35.67 | 130.20 | 36.30 | 130.20 | 36.90 | 130.20 | 37.53 | 130.20 | 37.83 | 130.20 | 38.46 | | | |
| | 3 | 2.2 | 138.60 | 36.30 | 138.60 | 36.90 | 138.60 | 37.83 | 138.60 | 38.16 | 138.60 | 38.46 | 138.60 | 39.57 | | | |
| | 5 | 4.1 | 144.30 | 36.60 | 144.30 | 37.53 | 144.30 | 38.16 | 144.30 | 38.46 | 144.30 | 39.23 | 144.30 | 39.44 | | | |
| | 8.3 | 6.1 | 150.00 | 37.23 | 150.00 | 37.83 | 150.00 | 40.50 | 145.20 | 36.90 | 140.40 | 35.67 | 130.80 | 32.88 | | | |
| | 9 | 7.9 | 155.40 | 37.53 | 155.40 | 38.16 | 150.00 | 36.90 | 145.20 | 35.67 | 140.40 | 34.11 | 130.80 | 31.65 | | | |
| | 11 | 9.8 | 161.10 | 37.83 | 159.60 | 38.16 | 150.00 | 35.37 | 145.20 | 34.11 | 140.40 | 32.88 | 130.80 | 30.42 | | | |
| | 13 | 11.8 | 167.34 | 38.16 | 159.60 | 36.60 | 150.00 | 34.11 | 145.20 | 32.88 | 140.40 | 31.65 | 130.80 | 29.28 | | | |
| | 15 | 13.7 | 169.20 | 37.53 | 159.60 | 35.37 | 150.00 | 32.88 | 145.20 | 31.65 | 140.40 | 30.51 | 130.80 | 28.26 | | | |
| | 19 | 14.2 | 169.20 | 36.54 | 159.60 | 34.14 | 150.00 | 32.07 | 145.20 | 30.33 | 140.40 | 29.34 | 130.80 | 27.51 | | | |
| | 21 | 15 | 169.20 | 35.37 | 159.60 | 32.67 | 150.00 | 30.84 | 145.20 | 29.85 | 140.40 | 28.47 | 130.80 | 26.88 | | | |
| 90 | -14.7 | -15 | 87.90 | 31.65 | 87.90 | 32.58 | 87.90 | 33.51 | 87.90 | 34.11 | 87.90 | 34.44 | 87.90 | 35.37 | | | |
| | -12.6 | -13 | 93.60 | 32.58 | 93.60 | 33.51 | 93.60 | 34.44 | 93.60 | 34.74 | 93.60 | 35.37 | 93.60 | 36.30 | | | |
| | -10.5 | -11 | 99.60 | 33.51 | 99.60 | 34.44 | 99.60 | 35.37 | 99.60 | 35.67 | 99.60 | 35.97 | 99.60 | 36.90 | | | |
| | -9.5 | -10 | 102.90 | 33.81 | 102.90 | 34.74 | 102.90 | 35.67 | 102.90 | 35.97 | 102.90 | 36.30 | 102.90 | 37.23 | | | |
| | -8.5 | -9.1 | 105.30 | 34.11 | 105.30 | 35.04 | 105.30 | 35.97 | 105.30 | 36.30 | 105.30 | 36.60 | 105.30 | 37.53 | | | |
| | -7 | -7.6 | 109.50 | 34.74 | 109.50 | 35.67 | 109.50 | 36.30 | 109.50 | 36.90 | 109.50 | 37.23 | 109.50 | 37.83 | | | |
| | -5 | -5.6 | 115.50 | 35.37 | 115.50 | 36.30 | 115.50 | 36.90 | 115.50 | 37.23 | 115.50 | 37.83 | 115.50 | 38.46 | | | |
| | -3 | -3.7 | 121.20 | 35.97 | 121.20 | 36.90 | 121.20 | 37.53 | 121.20 | 38.16 | 121.20 | 38.46 | 121.20 | 39.57 | | | |
| | 0 | -0.7 | 130.20 | 36.90 | 130.20 | 37.53 | 130.20 | 38.16 | 130.20 | 38.46 | 126.30 | 36.90 | 117.60 | 34.11 | | | |
| | 3 | 2.2 | 138.60 | 37.53 | 138.60 | 38.16 | 135.00 | 37.23 | 130.50 | 35.97 | 126.30 | 34.44 | 117.60 | 31.95 | | | |
| | 5 | 4.1 | 144.30 | 37.83 | 143.40 | 38.16 | 135.00 | 35.67 | 130.50 | 34.44 | 126.30 | 32.88 | 117.60 | 30.51 | | | |
| | 8.3 | 6.1 | 150.00 | 38.16 | 143.40 | 36.60 | 135.00 | 34.11 | 130.50 | 32.88 | 126.30 | 31.65 | 117.60 | 29.31 | | | |
| | 9 | 7.9 | 152.40 | 37.53 | 143.40 | 35.04 | 135.00 | 32.88 | 130.50 | 31.65 | 126.30 | 30.45 | 117.60 | 28.20 | | | |
| | 11 | 9.8 | 152.40 | 35.97 | 143.40 | 33.81 | 135.00 | 31.65 | 130.50 | 30.39 | 126.30 | 29.31 | 117.60 | 27.18 | | | |
| | 13 | 11.8 | 152.40 | 34.74 | 143.40 | 32.58 | 135.00 | 30.30 | 130.50 | 29.25 | 126.30 | 28.23 | 117.60 | 26.19 | | | |
| | 15 | 13.7 | 152.40 | 33.51 | 143.40 | 31.32 | 135.00 | 29.25 | 130.50 | 28.26 | 126.30 | 27.27 | 117.60 | 25.29 | | | |
| | 19 | 14.2 | 152.40 | 32.67 | 143.40 | 30.45 | 135.00 | 28.32 | 130.50 | 27.42 | 126.30 | 26.28 | 117.60 | 24.36 | | | |
| | 21 | 15 | 152.40 | 31.47 | 143.40 | 29.31 | 135.00 | 27.81 | 130.50 | 26.52 | 126.30 | 25.35 | 117.60 | 23.37 | | | |
| 80 | -14.7 | -15 | 87.90 | 33.51 | 87.90 | 34.44 | 87.90 | 35.37 | 87.90 | 35.67 | 87.90 | 35.97 | 87.90 | 36.90 | | | |
| | -12.6 | -13 | 93.60 | 34.44 | 93.60 | 35.04 | 93.60 | 35.97 | 93.60 | 36.30 | 93.60 | 36.90 | 93.60 | 37.53 | | | |
| | -10.5 | -11 | 99.60 | 35.04 | 99.60 | 35.97 | 99.60 | 36.60 | 99.60 | 37.23 | 99.60 | 37.53 | 99.60 | 38.16 | | | |
| | -9.5 | -10 | 102.90 | 35.67 | 102.90 | 36.30 | 102.90 | 36.90 | 102.90 | 37.53 | 102.90 | 37.83 | 102.90 | 38.46 | | | |
| | -8.5 | -9.1 | 105.30 | 35.97 | 105.30 | 36.60 | 105.30 | 37.23 | 105.30 | 37.83 | 105.30 | 38.16 | 104.40 | 37.83 | | | |
| | -7 | -7.6 | 109.50 | 36.30 | 109.50 | 36.90 | 109.50 | 37.83 | 109.50 | 38.16 | 109.50 | 38.46 | 104.40 | 35.97 | | | |
| | -5 | -5.6 | 115.50 | 36.90 | 115.50 | 37.53 | 115.50 | 38.16 | 115.50 | 38.46 | 112.20 | 36.90 | 104.40 | 34.11 | | | |
| | -3 | -3.7 | 121.20 | 37.53 | 121.20 | 38.16 | 120.00 | 37.83 | 115.80 | 36.30 | 112.20 | 35.04 | 104.40 | 32.25 | | | |
| | 0 | -0.7 | 130.20 | 38.16 | 127.50 | 37.53 | 120.00 | 35.04 | 115.80 | 33.81 | 112.20 | 32.25 | 104.40 | 29.97 | | | |
| | 3 | 2.2 | 135.30 | 37.23 | 127.50 | 35.04 | 120.00 | 32.58 | 115.80 | 31.32 | 112.20 | 30.27 | 104.40 | 28.05 | | | |
| | 5 | 4.1 | 135.30 | 35.67 | 127.50 | 33.51 | 120.00 | 31.32 | 115.80 | 30.09 | 112.20 | 29.01 | 104.40 | 26.88 | | | |
| | 8.3 | 6.1 | 135.30 | 34.11 | 127.50 | 31.95 | 120.00 | 29.94 | 115.80 | 28.92 | 112.20 | 27.87 | 104.40 | 25.86 | | | |
| | 9 | 7.9 | 135.30 | 32.88 | 127.50 | 30.81 | 120.00 | 28.77 | 115.80 | 27.78 | 112.20 | 26.82 | 104.40 | 24.90 | | | |
| | 11 | 9.8 | 135.30 | 31.65 | 127.50 | 29.64 | 120.00 | 27.72 | 115.80 | 26.79 | 112.20 | 25.86 | 104.40 | 24.00 | | | |
| | 13 | 11.8 | 135.30 | 30.42 | 127.50 | 28.53 | 120.00 | 26.70 | 115.80 | 25.80 | 112.20 | 24.90 | 104.40 | 23.16 | | | |
| | 15 | 13.7 | 135.30 | 29.37 | 127.50 | 27.30 | 120.00 | 25.80 | 115.80 | 24.93 | 112.20 | 24.09 | 104.40 | 22.41 | | | |
| | 19 | 14.2 | 135.30 | 28.35 | 127.50 | 26.82 | 120.00 | 24.78 | 115.80 | 24.00 | 112.20 | 23.07 | 104.40 | 21.87 | | | |
| | 21 | 15 | 135.30 | 27.54 | 127.50 | 25.65 | 120.00 | 24.12 | 115.80 | 23.25 | 112.20 | 22.29 | 104.40 | 20.70 | | | |

To be continued

Continued

Capacity table

| | | YCV1350HR | | | | Heating Capacity | | | | | | | | | |
|---------------------|---------------|----------------------|--------|-------|--------|------------------|--------|-------|--------|-------|-------|-------|-------|-------|----|
| Capacity Factor (%) | Outdoor Temp. | Indoor Temp. (°C DB) | | | | | | | | | | | | | |
| | | 16 | | 18 | | 20 | | 21.1 | | 22 | | 24 | | | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| °C DB | | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| 70 | -14.7 | -15 | 87.90 | 35.37 | 87.90 | 36.30 | 87.90 | 36.90 | 87.90 | 37.23 | 87.90 | 37.53 | 87.90 | 38.46 | |
| | -12.6 | -13 | 93.60 | 36.30 | 93.60 | 36.90 | 93.60 | 37.53 | 93.60 | 37.83 | 93.60 | 38.46 | 91.50 | 36.90 | |
| | -10.5 | -11 | 99.60 | 36.90 | 99.60 | 37.53 | 99.60 | 38.16 | 99.60 | 38.46 | 98.10 | 37.23 | 91.50 | 34.44 | |
| | -9.5 | -10 | 102.90 | 37.23 | 102.90 | 37.83 | 102.90 | 38.46 | 101.40 | 37.53 | 98.10 | 35.97 | 91.50 | 33.18 | |
| | -8.5 | -9.1 | 105.30 | 37.53 | 105.30 | 38.16 | 105.00 | 37.83 | 101.40 | 36.60 | 98.10 | 35.04 | 91.50 | 32.58 | |
| | -7 | -7.6 | 109.50 | 37.83 | 109.50 | 38.46 | 105.00 | 36.30 | 101.40 | 34.74 | 98.10 | 33.51 | 91.50 | 31.02 | |
| | -5 | -5.6 | 115.50 | 38.46 | 111.60 | 36.60 | 105.00 | 34.11 | 101.40 | 32.88 | 98.10 | 31.65 | 91.50 | 29.37 | |
| | -3 | -3.7 | 118.20 | 37.23 | 111.60 | 34.74 | 105.00 | 32.58 | 101.40 | 31.32 | 98.10 | 30.18 | 91.50 | 27.96 | |
| | 0 | -0.7 | 118.20 | 34.44 | 111.60 | 32.25 | 105.00 | 30.12 | 101.40 | 29.07 | 98.10 | 28.02 | 91.50 | 25.98 | |
| | 3 | 2.2 | 118.20 | 32.25 | 111.60 | 30.12 | 105.00 | 28.14 | 101.40 | 27.18 | 98.10 | 26.25 | 91.50 | 24.36 | |
| | 5 | 4.1 | 118.20 | 30.78 | 111.60 | 28.89 | 105.00 | 27.03 | 101.40 | 26.07 | 98.10 | 25.20 | 91.50 | 23.43 | |
| | 8.3 | 6.1 | 118.20 | 29.52 | 111.60 | 27.72 | 105.00 | 25.95 | 101.40 | 25.08 | 98.10 | 24.21 | 91.50 | 22.56 | |
| | 9 | 7.9 | 118.20 | 28.41 | 111.60 | 26.67 | 105.00 | 24.99 | 101.40 | 24.15 | 98.10 | 23.37 | 91.50 | 21.75 | |
| | 11 | 9.8 | 118.20 | 27.36 | 111.60 | 25.71 | 105.00 | 24.12 | 101.40 | 23.31 | 98.10 | 22.35 | 91.50 | 21.00 | |
| | 13 | 11.8 | 118.20 | 26.37 | 111.60 | 24.78 | 105.00 | 23.25 | 101.40 | 22.53 | 98.10 | 21.75 | 91.50 | 20.28 | |
| | 15 | 13.7 | 118.20 | 25.47 | 111.60 | 23.97 | 105.00 | 22.53 | 101.40 | 21.78 | 98.10 | 21.06 | 91.50 | 19.65 | |
| | 19 | 14.2 | 118.20 | 24.18 | 111.60 | 23.31 | 105.00 | 21.90 | 101.40 | 20.76 | 98.10 | 19.86 | 91.50 | 18.84 | |
| | 21 | 15 | 118.20 | 23.31 | 111.60 | 22.17 | 105.00 | 20.91 | 101.40 | 19.80 | 98.10 | 18.87 | 91.50 | 17.82 | |
| 60 | -14.7 | -15 | 87.90 | 37.23 | 87.90 | 37.83 | 87.90 | 38.46 | 87.00 | 37.23 | 84.30 | 35.97 | 78.30 | 33.18 | |
| | -12.6 | -13 | 93.60 | 37.83 | 93.60 | 38.46 | 90.00 | 35.97 | 87.00 | 34.74 | 84.30 | 33.51 | 78.30 | 30.96 | |
| | -10.5 | -11 | 99.60 | 38.46 | 95.40 | 36.30 | 90.00 | 33.81 | 87.00 | 32.58 | 84.30 | 31.32 | 78.30 | 29.04 | |
| | -9.5 | -10 | 101.40 | 37.53 | 95.40 | 35.04 | 90.00 | 32.88 | 87.00 | 31.65 | 84.30 | 30.42 | 78.30 | 28.17 | |
| | -8.5 | -9.1 | 101.40 | 36.60 | 95.40 | 34.11 | 90.00 | 31.95 | 87.00 | 30.75 | 84.30 | 29.61 | 78.30 | 27.45 | |
| | -7 | -7.6 | 101.40 | 34.74 | 95.40 | 32.58 | 90.00 | 30.48 | 87.00 | 29.40 | 84.30 | 28.38 | 78.30 | 26.31 | |
| | -5 | -5.6 | 101.40 | 32.88 | 95.40 | 30.87 | 90.00 | 28.86 | 87.00 | 27.84 | 84.30 | 26.85 | 78.30 | 24.93 | |
| | -3 | -3.7 | 101.40 | 31.32 | 95.40 | 29.34 | 90.00 | 27.45 | 87.00 | 26.52 | 84.30 | 25.59 | 78.30 | 23.79 | |
| | 0 | -0.7 | 101.40 | 29.04 | 95.40 | 27.27 | 90.00 | 25.53 | 87.00 | 24.69 | 84.30 | 23.85 | 78.30 | 22.17 | |
| | 3 | 2.2 | 101.40 | 27.18 | 95.40 | 25.53 | 90.00 | 23.94 | 87.00 | 23.16 | 84.30 | 22.38 | 78.30 | 20.88 | |
| | 5 | 4.1 | 101.40 | 26.07 | 95.40 | 24.54 | 90.00 | 23.01 | 87.00 | 22.26 | 84.30 | 21.54 | 78.30 | 20.07 | |
| | 8.3 | 6.1 | 101.40 | 25.05 | 95.40 | 23.61 | 90.00 | 22.17 | 87.00 | 21.45 | 84.30 | 20.76 | 78.30 | 19.35 | |
| | 9 | 7.9 | 101.40 | 24.15 | 95.40 | 22.77 | 90.00 | 21.36 | 87.00 | 20.73 | 84.30 | 20.04 | 78.30 | 18.69 | |
| | 11 | 9.8 | 101.40 | 23.31 | 95.40 | 21.96 | 90.00 | 20.67 | 87.00 | 20.01 | 84.30 | 19.35 | 78.30 | 18.12 | |
| | 13 | 11.8 | 101.40 | 22.50 | 95.40 | 21.21 | 90.00 | 19.95 | 87.00 | 19.32 | 84.30 | 18.72 | 78.30 | 17.52 | |
| | 15 | 13.7 | 101.40 | 21.78 | 95.40 | 20.52 | 90.00 | 19.32 | 87.00 | 18.72 | 84.30 | 18.15 | 78.30 | 17.01 | |
| | 19 | 14.2 | 101.40 | 21.15 | 95.40 | 19.53 | 90.00 | 18.75 | 87.00 | 18.15 | 84.30 | 17.46 | 78.30 | 16.26 | |
| | 21 | 15 | 101.40 | 20.28 | 95.40 | 18.99 | 90.00 | 17.94 | 87.00 | 17.55 | 84.30 | 16.89 | 78.30 | 15.63 | |
| 50 | -14.7 | -15 | 84.60 | 35.97 | 79.50 | 33.81 | 75.00 | 31.65 | 72.60 | 30.45 | 70.20 | 29.34 | 65.10 | 27.21 | |
| | -12.6 | -13 | 84.60 | 33.81 | 79.50 | 31.65 | 75.00 | 29.46 | 72.60 | 28.47 | 70.20 | 27.45 | 65.10 | 25.47 | |
| | -10.5 | -11 | 84.60 | 31.65 | 79.50 | 29.58 | 75.00 | 27.66 | 72.60 | 26.73 | 70.20 | 25.80 | 65.10 | 23.97 | |
| | -9.5 | -10 | 84.60 | 30.57 | 79.50 | 28.68 | 75.00 | 26.85 | 72.60 | 25.95 | 70.20 | 25.05 | 65.10 | 23.28 | |
| | -8.5 | -9.1 | 84.60 | 29.79 | 79.50 | 27.96 | 75.00 | 26.19 | 72.60 | 25.29 | 70.20 | 24.42 | 65.10 | 22.71 | |
| | -7 | -7.6 | 84.60 | 28.53 | 79.50 | 26.79 | 75.00 | 25.08 | 72.60 | 24.24 | 70.20 | 23.46 | 65.10 | 21.84 | |
| | -5 | -5.6 | 84.60 | 27.03 | 79.50 | 25.41 | 75.00 | 23.82 | 72.60 | 23.04 | 70.20 | 22.26 | 65.10 | 20.76 | |
| | -3 | -3.7 | 84.60 | 25.74 | 79.50 | 24.21 | 75.00 | 22.74 | 72.60 | 21.99 | 70.20 | 21.27 | 65.10 | 19.86 | |
| | 0 | -0.7 | 84.60 | 23.97 | 79.50 | 22.59 | 75.00 | 21.21 | 72.60 | 20.55 | 70.20 | 19.89 | 65.10 | 18.57 | |
| | 3 | 2.2 | 84.60 | 22.50 | 79.50 | 21.21 | 75.00 | 19.98 | 72.60 | 19.35 | 70.20 | 18.72 | 65.10 | 17.52 | |
| | 5 | 4.1 | 84.60 | 21.66 | 79.50 | 20.43 | 75.00 | 19.23 | 72.60 | 18.63 | 70.20 | 18.27 | 65.10 | 16.89 | |
| | 8.3 | 6.1 | 84.60 | 20.85 | 79.50 | 19.71 | 75.00 | 18.54 | 72.60 | 18.00 | 70.20 | 17.43 | 65.10 | 16.35 | |
| | 9 | 7.9 | 84.60 | 20.13 | 79.50 | 19.02 | 75.00 | 17.94 | 72.60 | 17.40 | 70.20 | 16.86 | 65.10 | 15.81 | |
| | 11 | 9.8 | 84.60 | 19.44 | 79.50 | 18.39 | 75.00 | 17.37 | 72.60 | 16.83 | 70.20 | 16.35 | 65.10 | 15.33 | |
| | 13 | 11.8 | 84.60 | 18.84 | 79.50 | 17.79 | 75.00 | 16.80 | 72.60 | 16.32 | 70.20 | 15.81 | 65.10 | 14.85 | |
| | 15 | 13.7 | 84.60 | 18.24 | 79.50 | 17.28 | 75.00 | 16.32 | 72.60 | 15.84 | 70.20 | 15.36 | 65.10 | 14.46 | |
| | 19 | 14.2 | 84.60 | 17.67 | 79.50 | 16.59 | 75.00 | 15.75 | 72.60 | 15.15 | 70.20 | 14.82 | 65.10 | 13.83 | |
| | 21 | 15 | 84.60 | 16.50 | 79.50 | 16.14 | 75.00 | 15.33 | 72.60 | 14.49 | 70.20 | 14.25 | 65.10 | 13.26 | |

TC: total capacity, kW

PI: power input, kW (compressor+outdoor motor)

Contents

Part 6 Maintanence

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Trouble shooting

6.1 Failure code

Failure code description: (failure code of the whole system is showed as 8 bits, so totally 256 codes. Indoor failure code should be judged by the table and the unit number)

Outdoor failure code exists in EEPROM, in which 5 failure codes can be kept.

Indoor failure code exists in EEPROM, in which 5 failure codes can be kept.

Clear failure code by indoor or outdoor.

Failure codes are distributed as follows:

0~19: indoor failure code

20~99: outdoor failure code

100~109: DC motor failure code

110~125: inverter module failure code

126~127: software auto-check failure code

Physical master unit:

Dip switches SW9, SW10, SW11 are at 0, 0, 0, LD displays failure code 20~127, it is the master failure code.

Dip switches SW9, SW10, SW11 are 1, 0, 0, LD displays failure code 20~127, it is failure code of No. 1 slave unit.

Dip switches SW9, SW10, SW11 are 2, 0, 0, LD displays failure code 20~127, it is failure code of No. 2 slave unit.

Physical slave unit:

Dip switches SW9, SW10, SW11 are at 0, 0, 0, LD displays failure code 20~127, it is single slave unit failure code.

Outdoor failure code display principle on wired controller:

When outdoor compressor is running, indoor wired controller will display the failure code of outdoor with higher priority. When compressor stops, it displays all indoor failures. The indoor failures will be classified as below: sensor failure, inverter board failure, fan motor driving board failure, any protections etc.

Inverter outdoor unit failure code indication on master unit

| LED indication on master unit | Indication on wired controller (hex) | Failure code definition | Failure description | Remarks |
|-------------------------------|--------------------------------------|---------------------------------------|---|-----------|
| 20-0 | 14 | Defrosting temp. sensor Tdef1 failure | AD value is below 11 (open circuit) or over 1012 (short circuit) for 60 seconds, sensor has no alarm when abnormal in cooling mode. | Resumable |
| 20-1 | 14 | Defrosting temp. sensor Tdef2 failure | | |

| LED indication on master unit | Indication on wired controller (hex) | Failure code definition | Failure description | Remarks |
|-------------------------------|--------------------------------------|---|---|-----------|
| 21 | 15 | Ambient temp. sensor Tao failure | AD value is below 11 (open circuit) or over 1012 (short circuit) for 60 seconds. | Resumable |
| 22-0 | 16 | Suction temp. sensor Tsi failure | | |
| 22-1 | 16 | Suction temp. sensor Tsacc failure | | |
| 23-0 | 17 | Discharging temp. sensor Tdi failure | AD value is below 11 (open circuit) or over 1012 (short circuit) for 60 seconds. If Tao≤0°C , no need to detect the open circuit failure (AD value is below 11.) | Resumable |
| 23-1 | 17 | Discharging temp. sensor Td1 failure | | |
| 23-2 | 17 | Outdoor unit high temp. gas pipe temp. sensor Tdp failure | | |
| 24-0 | 18 | Oil temp. sensor Toilp failure | If AD value is below 11 (open circuit) or over 1012 (short circuit) for 60 seconds, alarm. If Tao<0°C , there is no open circuit alarm. If Tao>=0°C and ET>=0°C , no open circuit alarm within 5 minutes. | Resumable |
| 24-1 | 18 | Oil temp. sensor Toili failure | If AD value is below 11 (open circuit) or over 1012 (short circuit) for 60 seconds, alarm. If Tao<0°C or not normal running, no open circuit alarm. | |
| 25-0 | 19 | Heat exchanger inlet temp. Toci1 failure | AD value is below 11 (open circuit) or over 1012 (short circuit) for 60 seconds, sensor has no alarm when abnormal in cooling mode. | Resumable |
| 25-1 | 19 | Heat exchanger inlet temp.Toci2 failure | | |

| LED indication on master unit | Indication on wired controller (hex) | Failure code definition | Failure description | Remarks |
|-------------------------------|--------------------------------------|--|--|------------------------------|
| 26-0 | 1A | Outdoor unit and indoor unit communication failure | Not finding connected indoor units for continuous 200 cycles | Resumable |
| 26-1 | 1A | | The searched indoor unit quantity is less than the set quantity for continuous 270 seconds | |
| 26-2 | 1A | | The searched indoor unit quantity is more than the set quantity for continuous 170 seconds | |
| 26-3 | 1A | | The searched valve box BS quantity is less than set quantity for continuous 5 minutes | |
| 26-4 | 1A | | The searched valve box BS quantity is more than set quantity for continuous 5 minutes | |
| 27 | 1B | Oil temp. too high protection (Toili) | Toili \geq 120°C (E) at interval 25msec, continuous 2sec, and over the set value, then stop and alarm. The oil temp. 10°C lower than the alarm condition for 3 minutes after stop. If it occurs 4 times in an hour, confirm the failure. (the same as Td too high protection.) | Once confirmed, un-resumable |
| 28 | 1C | High pressure sensor Pd failure | If AD value is below 11 (open circuit) or over 1012 (short circuit) for 60 seconds, alarm. | Resumable |
| 29 | 1D | Low pressure sensor Ps failure | | |
| 30-0 | 1E | High pressure switch HPS1 failure | When power on, the confirmation of OFF for continuous 2sec, alarm. If it occurs 4 times in an hour, confirm the failure. | Once confirmed, un-resumable |
| 30-1 | 1E | High pressure switch HPS1 failure | | |
| 32-0 | 20 | Heat exchanger outlet temp. Tsco failure | If AD value is below 11 (open circuit) or over 1012 (short circuit) for 60 seconds, alarm, sensor has no alarm when abnormal in heating mode. | Resumable |
| 32-1 | 20 | Liquid pipe SC temp. of subcooler Tliq failure | | |

| LED indication on master unit | Indication on wired controller (hex) | Failure code definition | Failure description | Remarks |
|-------------------------------|--------------------------------------|--|--|------------------------------|
| 33-0 | 21 | EEPROM (AT24C04) failure | EEPROM communication failure | Un-resumable |
| 33-1 | | | EEPROM data check failure(model code, check, etc.) | |
| 33-2 | | | EEPROM data logistic failure(data beyond limit, reverse sequence, etc.) | |
| 34-0 | 22 | Discharging temp. too high protection (Tdi) | Tdi / Td1≥130°C (E) at interval 25msec, continuous 2sec, and over the set value, then stop and alarm. The oil temp. 10°C lower than the alarm condition for 3 minutes after stop, then resume automatically. | Once confirmed, un-resumable |
| 34-1 | 22 | Discharging temp. too high protection (Td1) | If it occurs 4 times in an hour, confirm the failure. | |
| 35-0 | 23 | 4-way valve reversing failure | <p>After the 4-way valve is electrified for 3 minunts, if the below conditions can be met for continuous 10 seconds, that is conversing successfully:</p> <ul style="list-style-type: none"> — This outdoor unit compressor is running normally — Tdp — Tdef1≥10°C — Tdp — Tdef2≥10°C — Pd — Ps≥ β Mpa <p>※Otherwise, stop protection. (Tao > -10°C , β =0.60; Tao≤-10°C , β =0.40) *4-way valve OFF starts up again after 3 minutes *If Thermo. OFF for 2 continuous times, Error stop.</p> | Once confirmed, un-resumable |
| 35-1 | 23 | 4-way valve reversing failure | If there is 4-way valve of submachine not electrified after host heating detection starts up for 20 min, alarm 35-1 failure. | |
| 36 | 24 | Oil temp. too low protection (Toil) | In normal operation (exclude start up, defrosting, oil return, remain, stop), if Toil < CT+10°C for continuous 5 minutes, the unit stops for 170 seconds and then resumes automatically. If it occurs 3 time in an hour, lock the alarm. *The same as Td too low protection | Once confirmed, un-resumable |
| 37-0 | 25 | Lack of phase of 3N power supply or wrong phase sequence | S phase lack | Un-resumable |
| 37-1 | | | T phase lack | |
| 37-2 | | | S phase & T phase normal, but wrong phase sequence | |

| LED indication on master unit | Indication on wired controller (hex) | Failure code definition | Failure description | Remarks |
|-------------------------------|--------------------------------------|---|---|------------------------------|
| 38 | 26 | High pressure sensor Pd too low protection | Not applicable for this mode | Once confirmed, un-resumable |
| 39-0 | 27 | Low pressure sensor Ps too low protection | After compressor is running(except for residual operation), if in cooling, Ps<0.10MPa; in heating, Ps<0.05MPa, in oil return, Ps<0.03MPa for continuous 5 minutes, stop and alarm. 170 seconds later, resume automatically. If it occurs 3 times in an hour, confirm the failure. | |
| 39-1 | 27 | Compressor ratio ε too high protection | After compressor is running, compression ratio $\epsilon > 8.0$ for continuous 5 minute, then stop and alarm. If in cooling, compression ratio $\epsilon > 9.0$ for continuous 1 minute or in heating, compression ratio $\epsilon > 8.5$ for continuous 1 minute or in heating, stop and alarm. 170 seconds later, resume automatically. If it occurs 4 times in an hour, confirm the failure. | Once confirmed, un-resumable |
| 39-2 | 27 | Compressor ratio ε too low protection | In normal operation (exclude start up, defrosting, oil return, remain, stop), if compression ratio $\epsilon < 1.8$ for continuous 5 minutes, then stop and alarm. Or $\epsilon < 1.5$ for continuous 1 minute, then stop and alarm. 170 seconds later, resume automatically. If it occurs 4 times in an hour, confirm the failure. | |
| 40 | 28 | High pressure sensor Pd too high protection | After compressor is running, if continuous 2 sec $Pd \geq 4.15\text{MPa}$, stop and alarm. 170 seconds later, resume automatically. If it occurs 4 times in an hour, confirm the failure. (Like high pressure switch alarm) | Once confirmed, un-resumable |
| 43-0 | 2B | Discharging temp. sensor Td1 too low protection | After 10 minutes for normal operation (exclude start up, defrosting, oil return, remain, stop), if $Td < CT + 10^\circ\text{C}$ for continuous 5 minutes, stop and alarm. If it occurs 3 times in an hour, lock the alarm. | Once confirmed, un-resumable |
| 43-1 | 2B | Discharging temp. sensor Td1 too low protection | | |

| LED indication on master unit | Indication on wired controller (hex) | Failure code definition | Failure description | Remarks |
|-------------------------------|--------------------------------------|--|--|------------------------------|
| 44 | 2C | Low pressure sensor Ps too high protection | Not applicable for this mode | Once confirmed, un-resumable |
| 45 | 2D | Communication failure among outdoor units | No communication within 30 seconds continuously (E) | Resumable |
| 46 | 2E | Communication with INV board failure | No communication within 30 seconds continuously (E) | |
| 53-0 | 35 | Current detector CT failure | Detect before starting up, show incorrect voltage of sensor, stop for 3 minutes, resume to be normal automatically | Resumable |
| 64-0 | 40 | Current detector CT over current failure | Current of fixed compressor at interval 25msec exceed the current limit for 2 times and then stop. Stop for 3 minutes, then resume to be normal automatically. If it occurs 4 times in an hour, lock the alarm. * But, in 4 seconds after startup, not detected. | Once confirmed, un-resumable |
| 67 | 43 | Communication with motor driving board failure | Without communication for 4 minutes. | Resumable |
| 71-0 | 47 | Fan 1 locked-rotor (Left) | Running at speed below 20rpm for 30s, or at speed of 70% lower than target for 2 minutes, stop. 170 seconds later, resume automatically. If it occurs 4 times in an hour, confirm the failure. | Once confirmed, un-resumable |
| 71-1 | 47 | Fan 2 locked-rotor (Right) | | |
| 75-0 | 4B | No pressure drop between high pressure and low pressure | In 1 minute after INV compressor starts up, $P_d - P_s \leq 0.1 \text{ MPa}$, then stop. 170 seconds later, resume automatically. If it occurs 4 times in an hour, confirm the failure. | Once confirmed, un-resumable |
| 75-4 | 4B | Too small pressure drop between high pressure and low pressure | If $P_d - P_s \leq 0.4 \text{ MPa}$ for 3 minutes, the outdoor unit protection stop. <ul style="list-style-type: none"> • 5 minutes after stopping protection, restart. • If there are more than 6 times of stopping protecting within 2 hours, Error stop. | Once confirmed, un-resumable |

| LED indication on master unit | Indication on wired controller (hex) | Failure code definition | Failure description | Remarks |
|-------------------------------|--------------------------------------|---|---|------------------------------|
| 76-0 | 4C | Incorrect outdoor unit quantity, address or capacity setting | Submachine quantity setting are not in conformance with data in EEPROM of the host. | Reset |
| 76-1 | | | Submachine address setting are not in conformance with data in EEPROM of the host. | |
| 76-2 | | | Submachine capacity setting are not in conformance with data in EEPROM of the host. | |
| 77 | 4D | Oil equalization protection among outdoor units | If $ToilpB - ToilpA \leq 10^\circ\text{C}$, alarm and stop. Not detecting in the course of startup, defrosting and oil return and in 10 minutes after oil return finishes. 170 seconds later, resume automatically. If it occurs 2 times in an hour, lock the failure. | Once confirmed, un-resumable |
| 78-0 | 4E | Lack of gas alarm in cooling | When cooling compressor runs, $Ps < 0.1\text{MPa}$ for 30 minutes. | Resumable |
| 78-1 | 4E | Lack of gas alarm in heating | When heating compressor runs, $Ts1-ET > 20^\circ\text{C}$ & $Ts1-ET > 20^\circ\text{C}$ & LEV open fully for 60 minutes, output the lack of gas alarm signal and not stop. | |
| 80 | 50 | Capacity not match to the outdoor units | In VRF system, the difference of capacity between submachine and host is more than 6HP, confirm the failure. | Un-resumable |
| 100 | 64 | DC fan driving board IPM alarm | DC fan driving board IPM alarm because of over current or too high temp. of modular. 170 seconds later, resume automatically. If it occurs 4 times in an hour, confirm the failure. | Once confirmed, un-resumable |
| 101 | 65 | DC fan driving board detecting out of control | DC fan driving board detecting is out of control. 170 seconds later, resume automatically. If it occurs 4 times in an hour, confirm the failure. | |
| 102 | 66 | DC fan driving board Eeprom faulty | DC fan driving board Eeprom data is wrong. 170 seconds later, resume automatically. If it occurs 4 times in an hour, confirm the failure. | |
| 103 | 67 | DC fan driving board over current or current detector damaged | DC fan driving board over current is over 5A, then alarm. 170 seconds later, resume automatically. If it occurs 4 times in an hour, confirm the failure. | |

| LED indication on master unit | Indication on wired controller (hex) | Failure code definition | Failure description | Remarks |
|-------------------------------|--------------------------------------|--|---|--|
| 104 | 68 | Voltage too low protection of DC fan driving board | Voltage of DC fan driving board is lower than 280V, then alarm.170 seconds later, resume automatically. If it occurs 4 times in an hour, confirm the failure. | |
| 105 | 69 | Oversupply protection of DC fan driving board | Voltage of DC fan driving board is more than 400V, then alarm.170 seconds later, resume automatically. If it occurs 4 times in an hour, confirm the failure. | |
| 106 | 6A | DC fan driving board locked-rotor | Fan speed can not be detected.170 seconds later, resume automatically. If it occurs 4 times in an hour, confirm the failure. | |
| 107 | 6B | Over speed protection of DC fan | If it occurs 4 times in an hour, lock the alarm. | |
| 110 | 6E | IPM modular protection(FO) | IPM modular over current, in short circuit, over heat, voltage too low of control circuit. | If it occurs 4 times in an hour, confirm the failure. Once confirmed, un-resumable. |
| 111 | 6F | INV compressor out of control | In the course of compressor startup or running, the unit can not detect the rotor position for 6 times, stop for 5s and then the INV control board resumes automatically. | |
| 112 | 70 | Modular radiator temp. too high | If temp. > 94°C , alarm. If temp.≤94°C , INV control board resumes automatically. | |
| 113 | 71 | Inverter controller overload | The output current of inverter controller is too high continually. | |
| 114 | 72 | Voltage too low of modular DC | If power voltage < DC420V, alarm. If voltage≥DC420V, INV control board resumes automatically. | |
| 115 | 73 | Voltage too high of modular DC | If power voltage > DC642V, alarm. If voltage≤DC642V, INV control board resumes automatically. | |
| 116 | 74 | Communication with modular abnormal | If communication signal can not be detected for continuous 30 seconds, alarm. After it can be detected, INV control board resumes automatically. | |

| LED indication on master unit | Indication on wired controller (hex) | Failure code definition | Failure description | Remarks |
|-------------------------------|--------------------------------------|---|---|---|
| 117 | 75 | Modular software over current | Modular software over current. | |
| 118 | 76 | Modular startup failure | Compressor starts up fail for continuous 5 times. | |
| 119 | 77 | Current detecting circuit abnormal of INV controller | Sensor for detecting current of inverter controller is abnormal. Cannot be connected or wrong connection. | |
| 120 | 78 | Inverter controller power supply abnormal | Power supply of inverter controller stops suddenly. | |
| 121 | 79 | Power supply of inverter controller board is abnormal | Power supply of inverter controller board is broken down instantly. | If it occurs 4 times in an hour, confirm the failure. Once confirmed, un-resumable. |
| 122 | 7A | Radiator temp. sensor of inverter controller is abnormal. | Resistor of temp. sensor abnormal or temp. sensor disconnected. | |
| 125 | 7D | Compressor frequency un-match | (Current frequency \geq INV target frequency + 3Hz) or (target frequency > 0 & actual frequency = 0) for continuous 2 minutes | Resumable |
| 127 | 7F | MCU reset failure | If the host inspects that MCU of submachine is reset, and the submachine is running, the host alarm MCU reset failure, then the whole system stop. In heating mode, when restart up, 4WV will not be electrified, and the whole system will execute 4WV reversing operation again. If it occurs 4 times in one hour, confirm the failure. | Once confirmed, un-resumable. |

When there is no failure, if the starting condition can not be met, digital tube on host will display stand-by code:

| | | | |
|-------|--|--|-------------------------------|
| 555.0 | Stand-by state of capacity overmatch | When capacity is over 135% or lower than 50%, the system is standby. | Once confirmed, un-resumable. |
| 555.1 | Stand-by state of 26°C of heating mode | When it is in heating mode with ambient temp. over 26°C ,the system is standby. | |
| 555.2 | Stand-by state of low pressure (lack of gas) | When the unit starts in cooling Ps<0.23MPa or heating Ps<0.12MPa, the system is standby. | |
| 555.3 | Stand-by state of 54°C of cooling mode | For high ambient models, the unit can not open if ambient temp. over 54°C in cooling mode, and the digital tube display: "555.3" | |

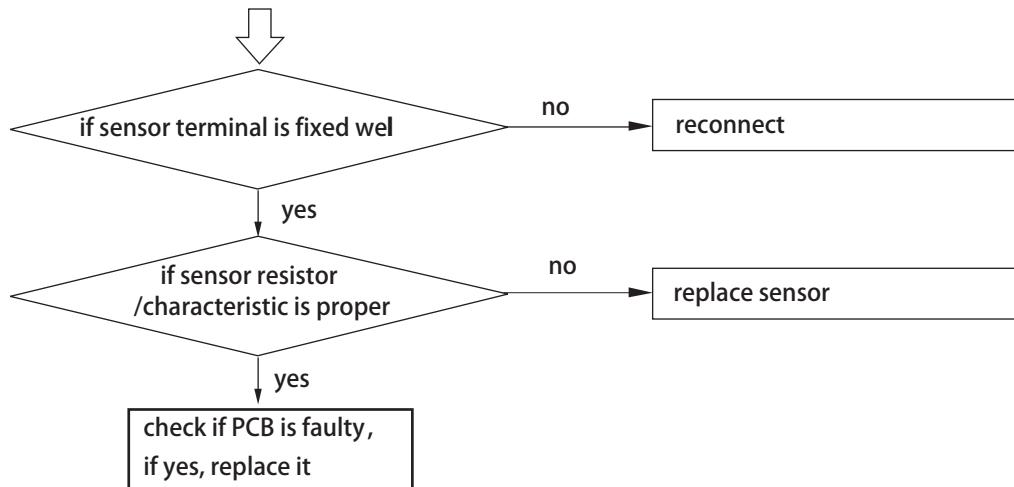
VB device failure code list

| Failure code | Failure code definition | Judgment method | Remarks |
|--------------|---|--|--------------|
| 5 | VB device EEPROM date failure | | Un-resumable |
| 6 | Communication between VB device and outdoor failure | No communication with the outdoor unit for continuous 120 seconds | Resumable |
| 7 | Communication between VB device and indoor failure | When detecting the connected indoor units, the indoor unit quantity is zero. | Resumable |
| 9 | VB device repeated address | | Resumable |
| 20 | Outdoor corresponding failure | | Resumable |

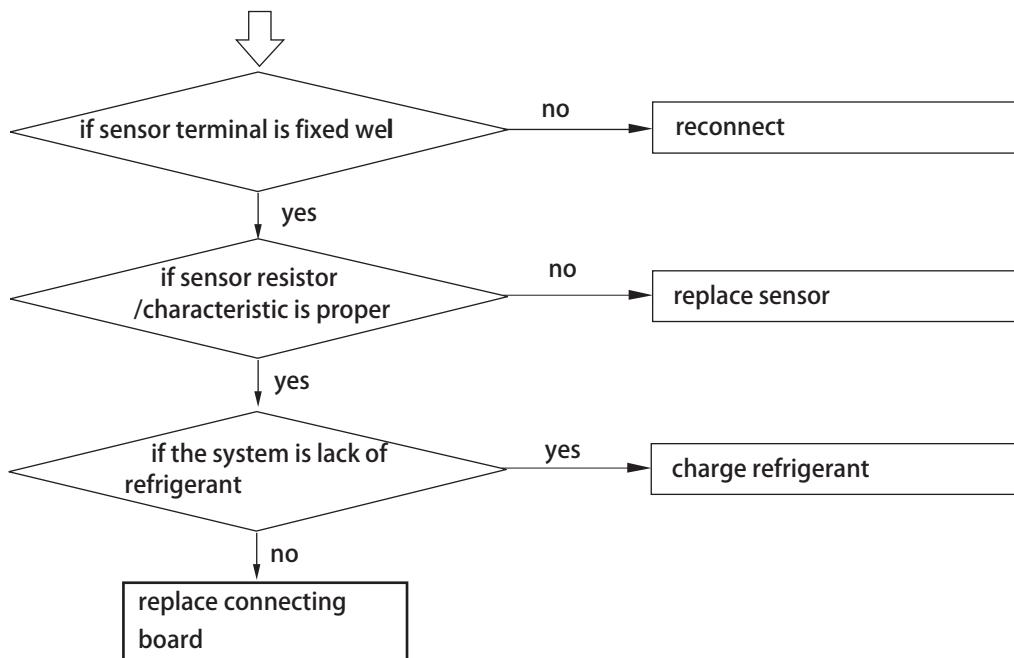
6.2 Failure diagnose

Outdoor failure diagnose

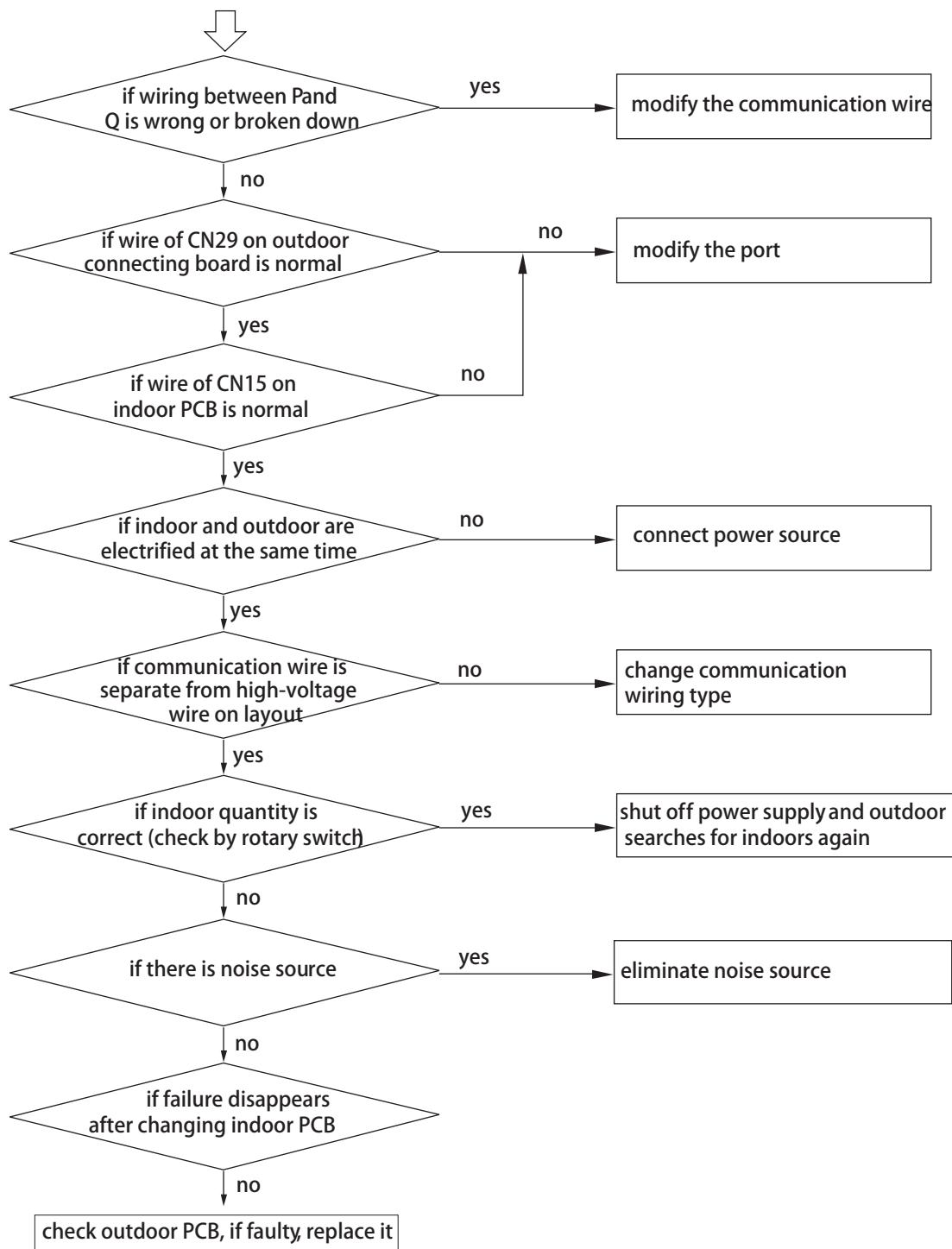
[20~25, 32] temperature sensorfailure



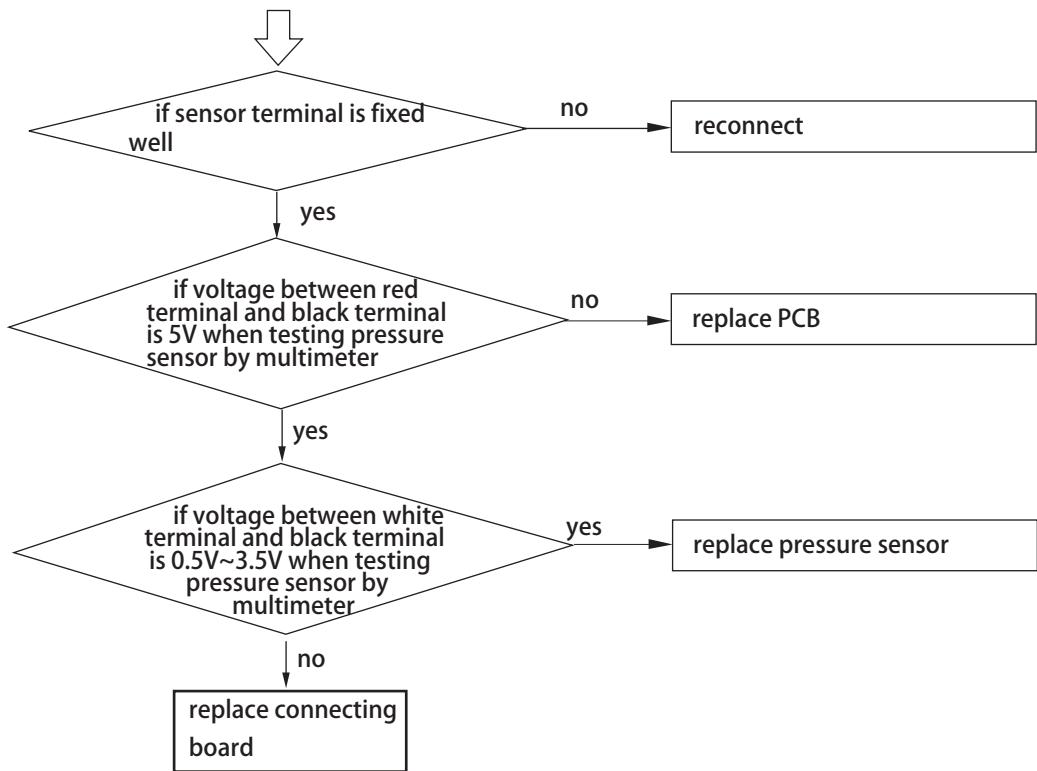
[27] protection of oil temperature too high



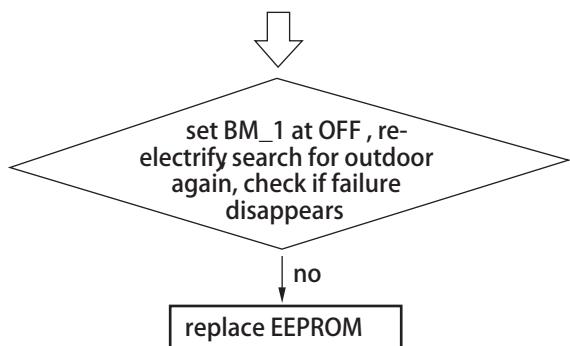
[26]communication circuit between indoor and outdoor



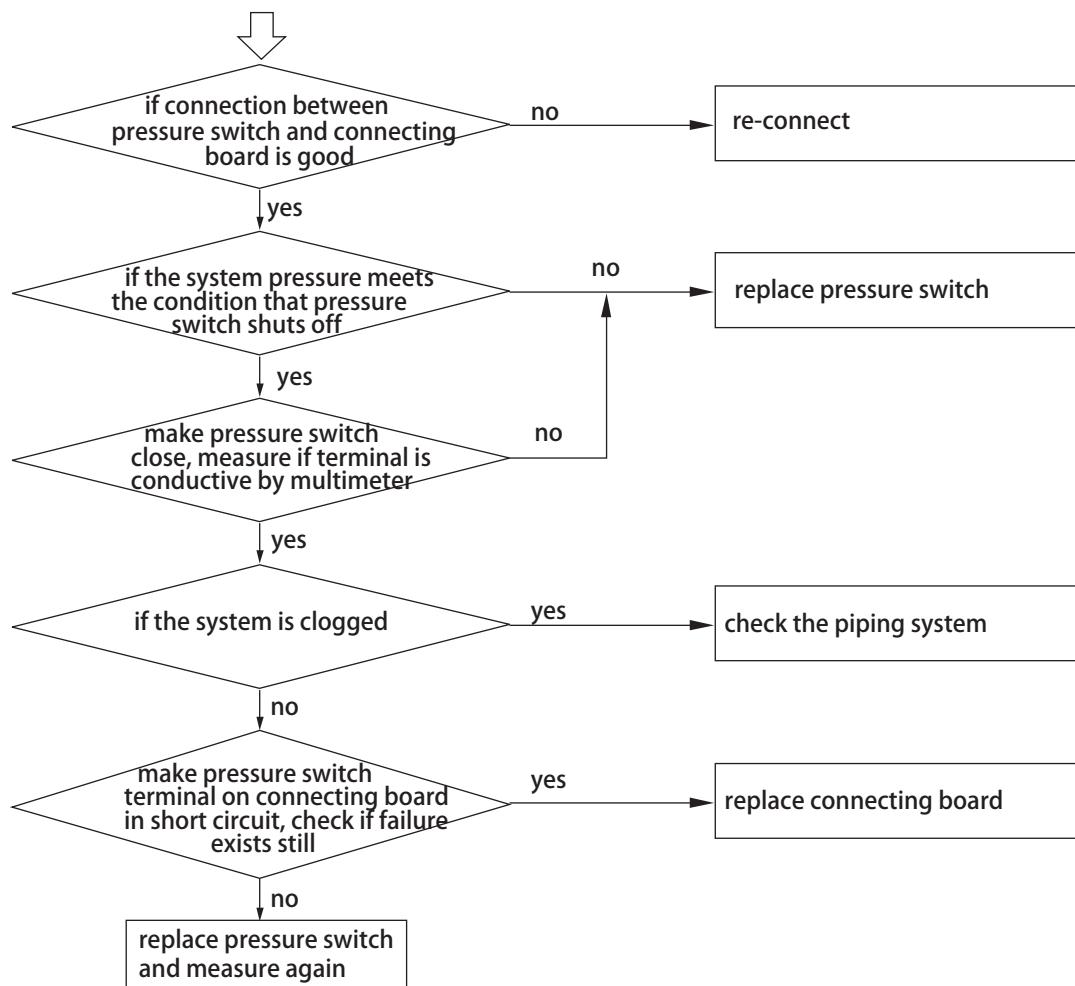
[28, 29] High/low pressure sensor failure



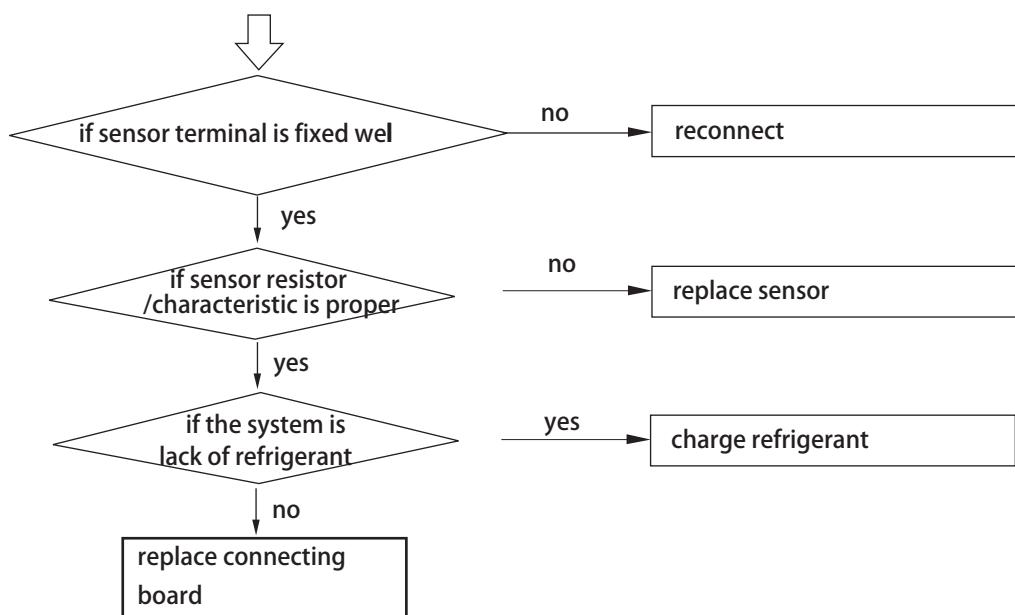
[33] outdoor EEPROM failure



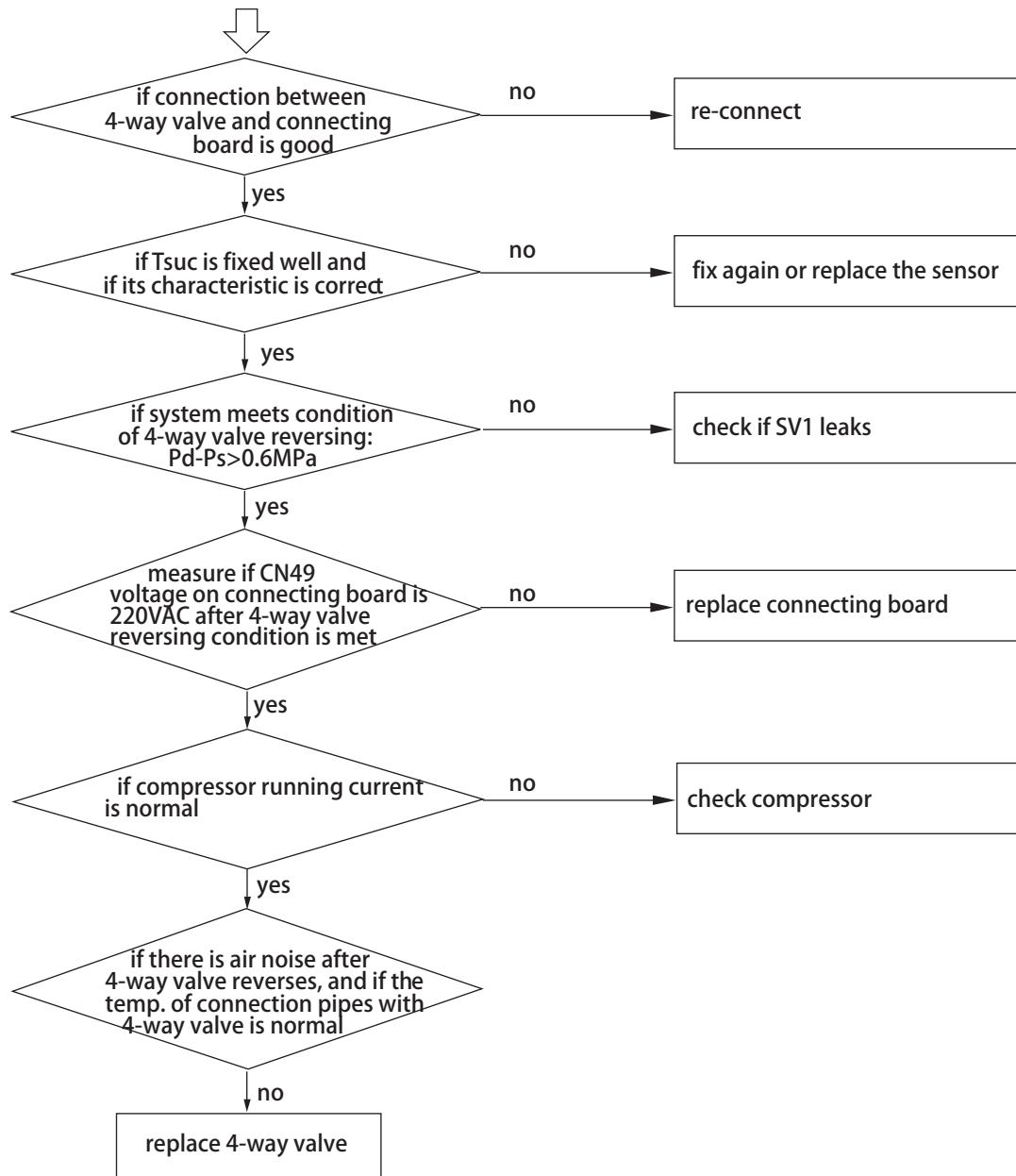
[30-0,30-1,30-2]high pressure switch shut off failure



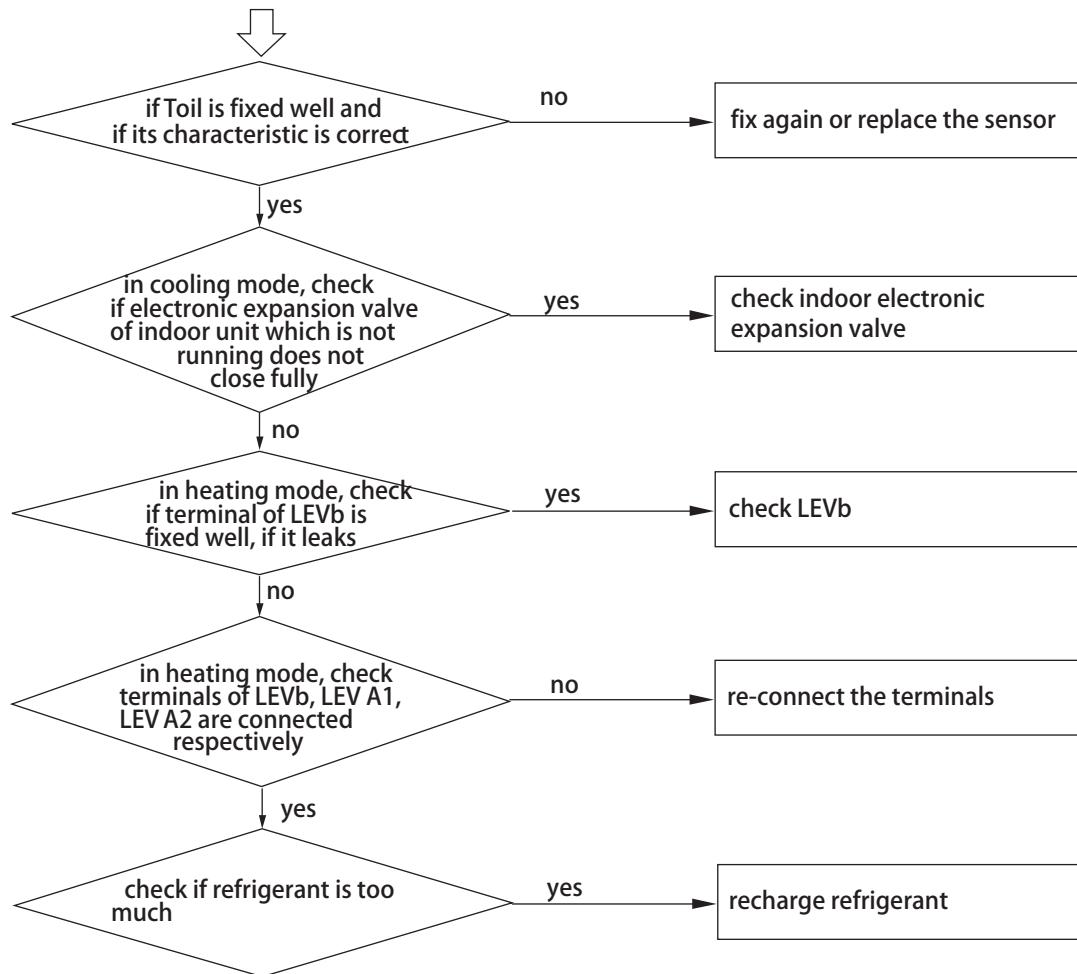
[34] protection of discharging temp. too high



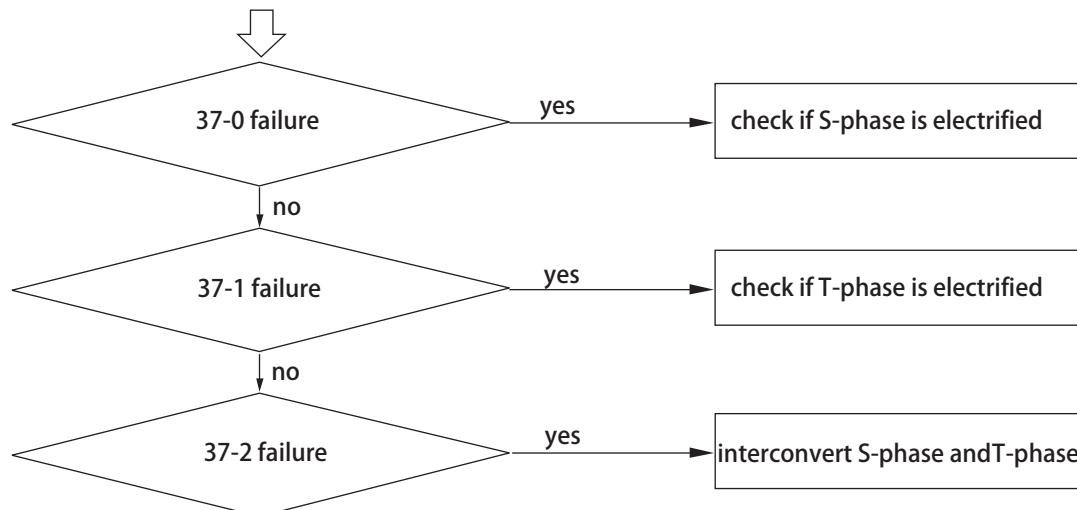
[35] 4-way valve reversing failure



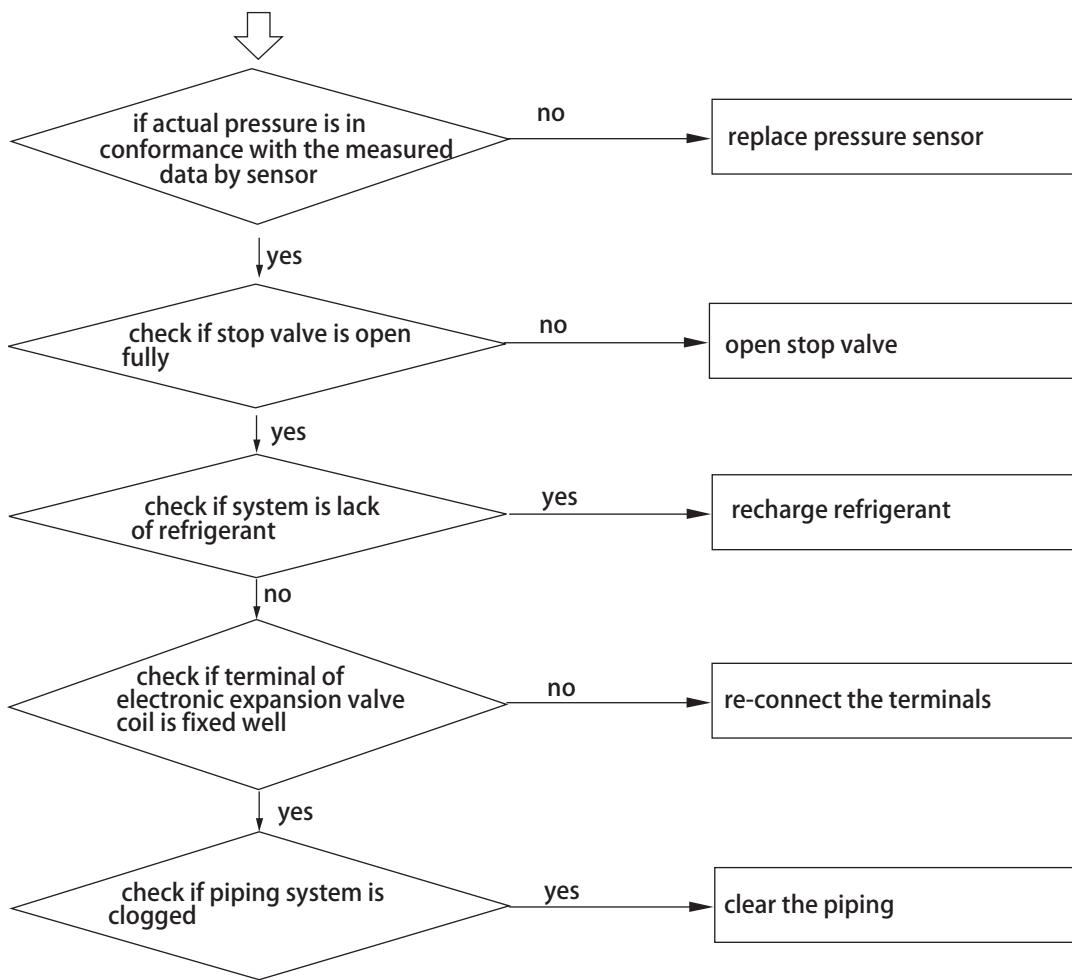
[36] protection of oil temperature too low



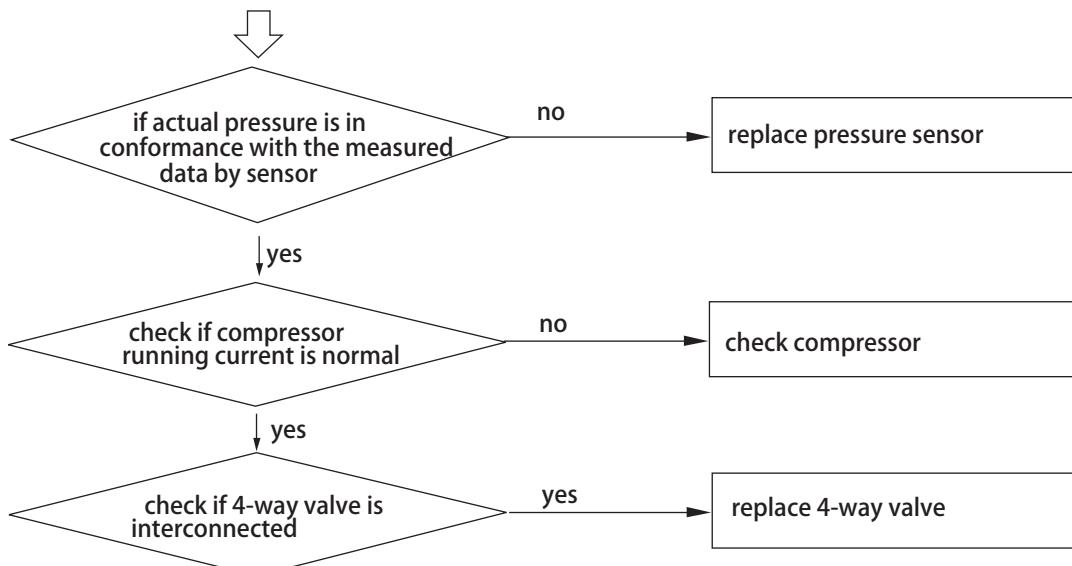
[37-0, 37-1, 37-2] lack of phase of 3N power supply or wrong phase sequence



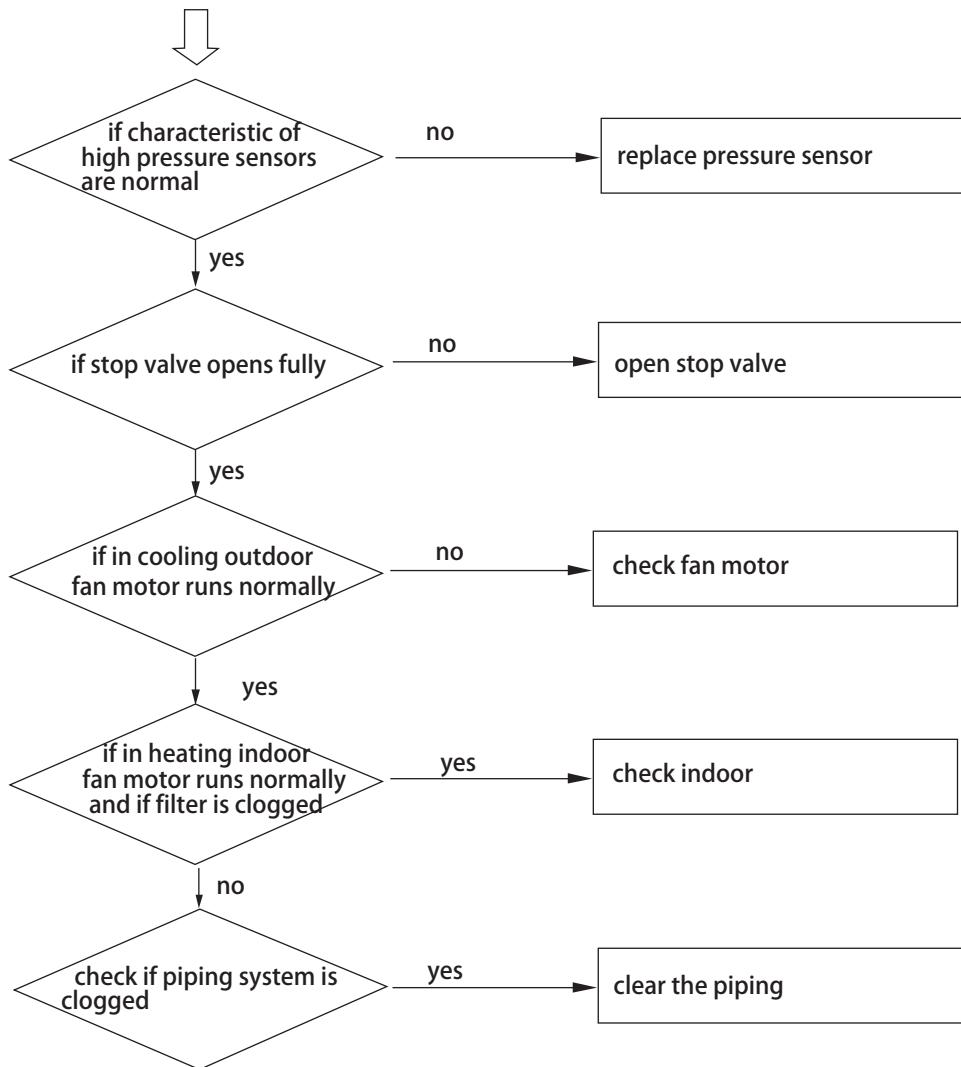
[39-0, 39-1] low pressure too bw and compression ratio too high



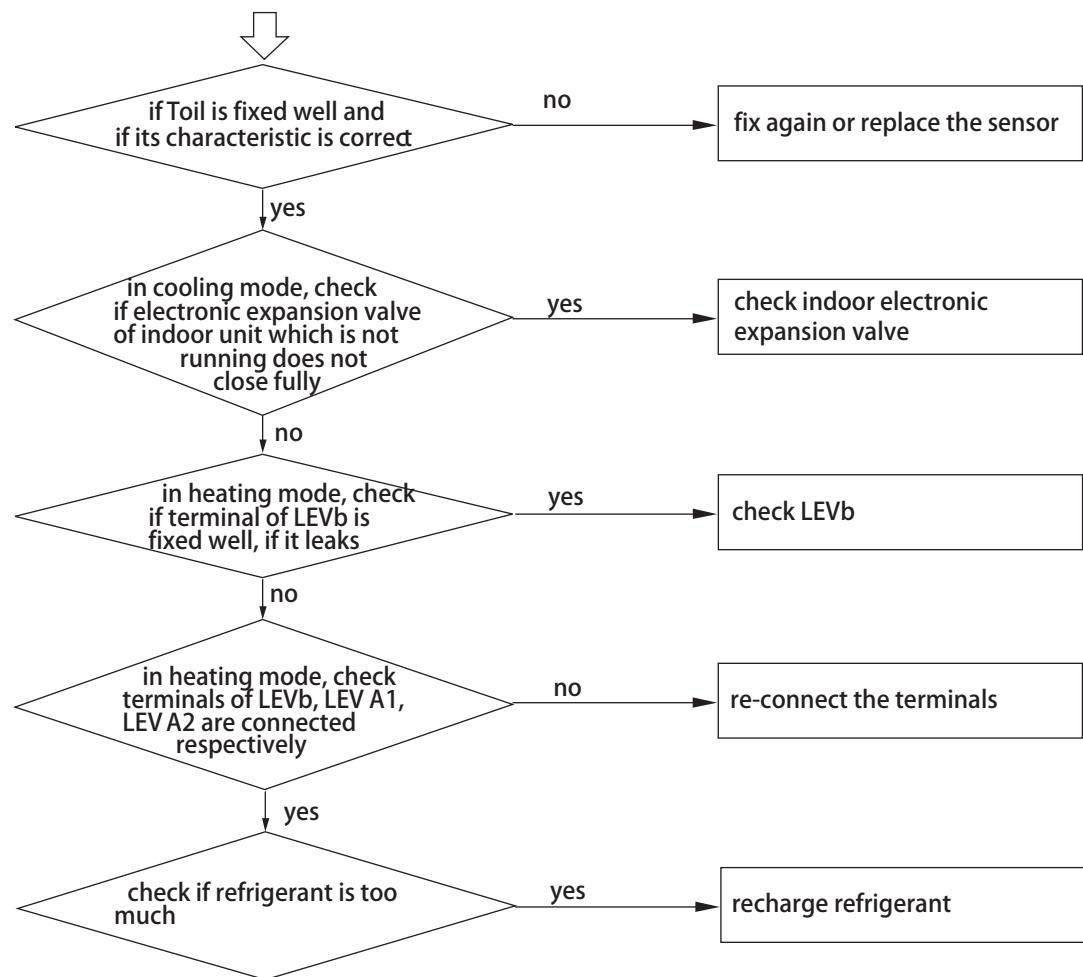
[39-2] compression ratio too low



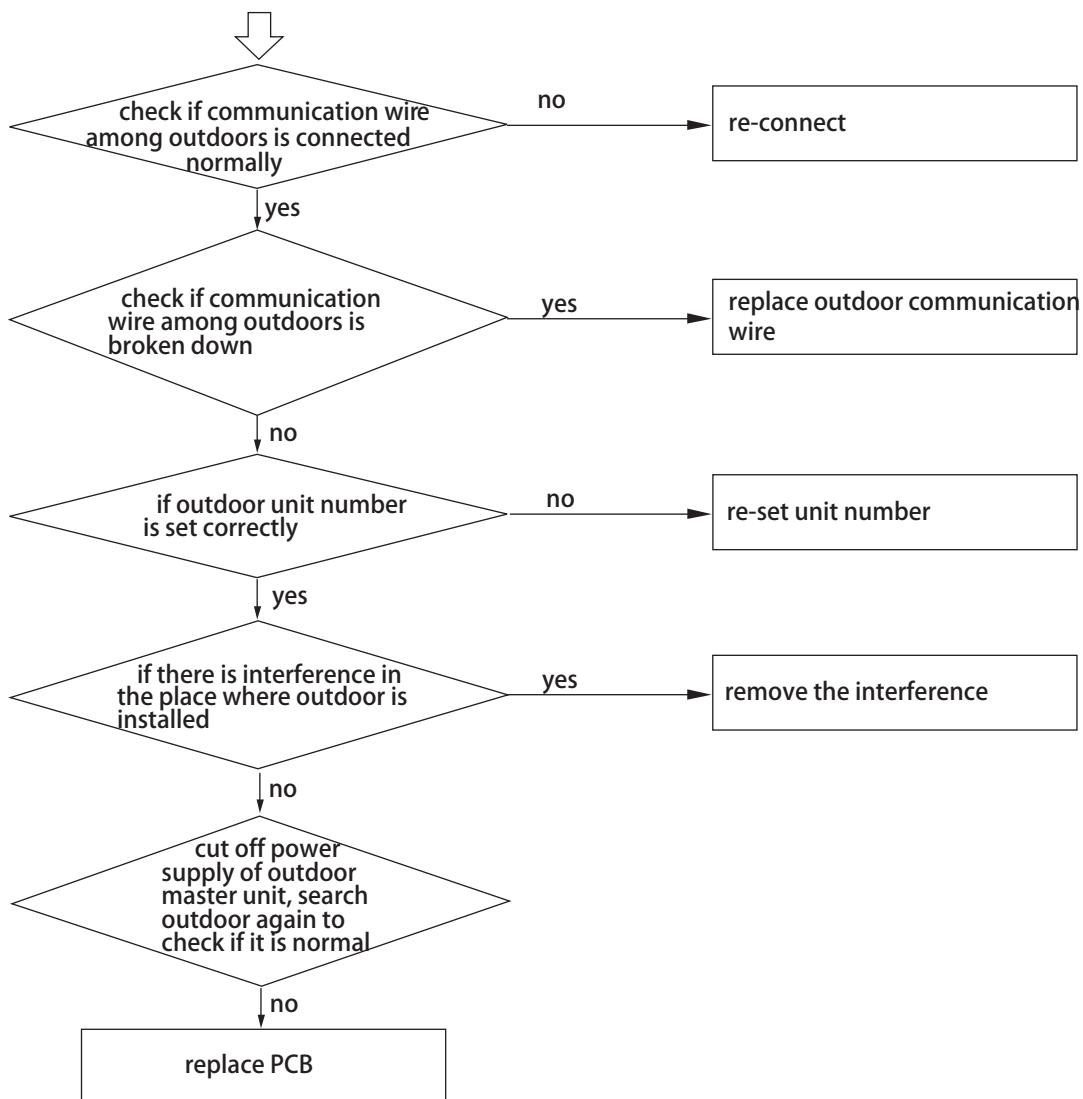
[40] high pressure protection



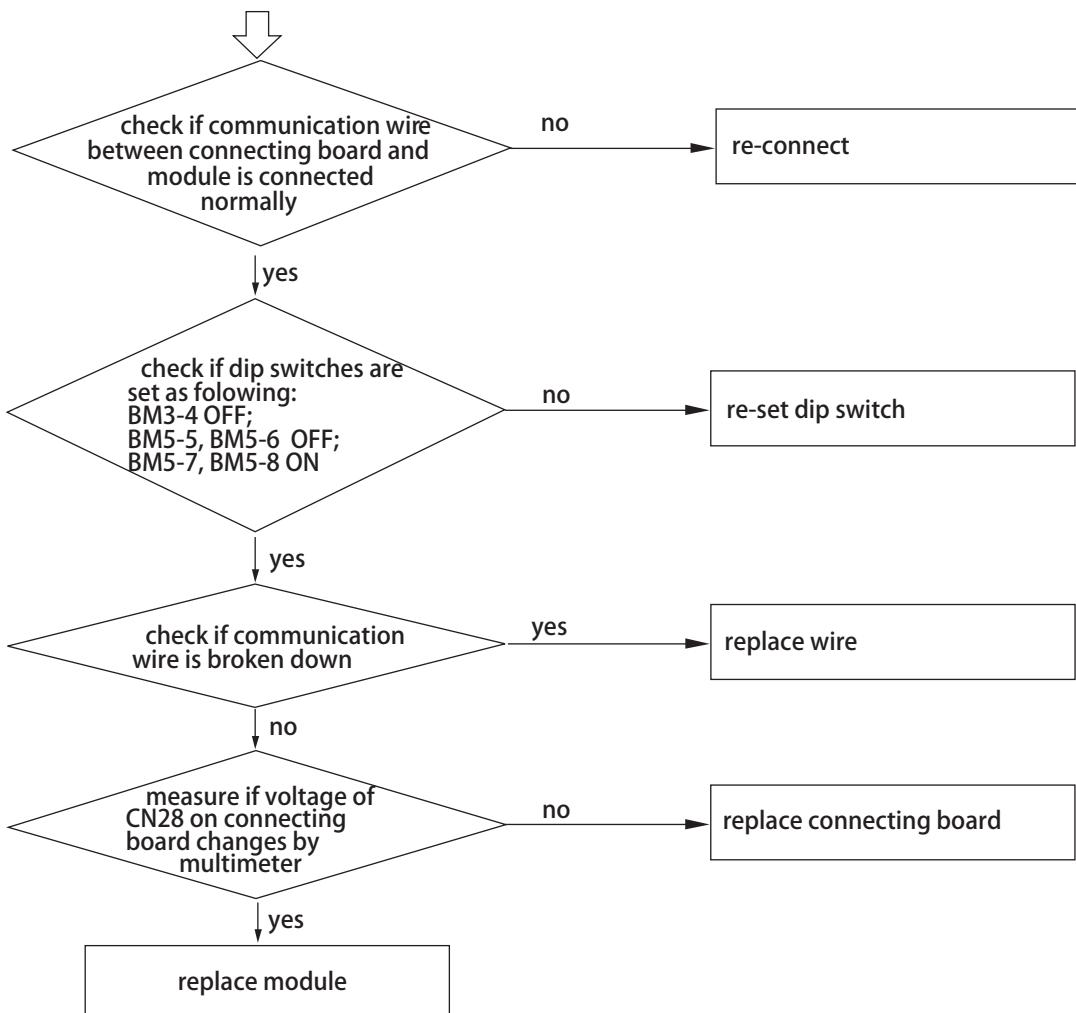
[43-0, 43-1] protection of discharging temperature too low



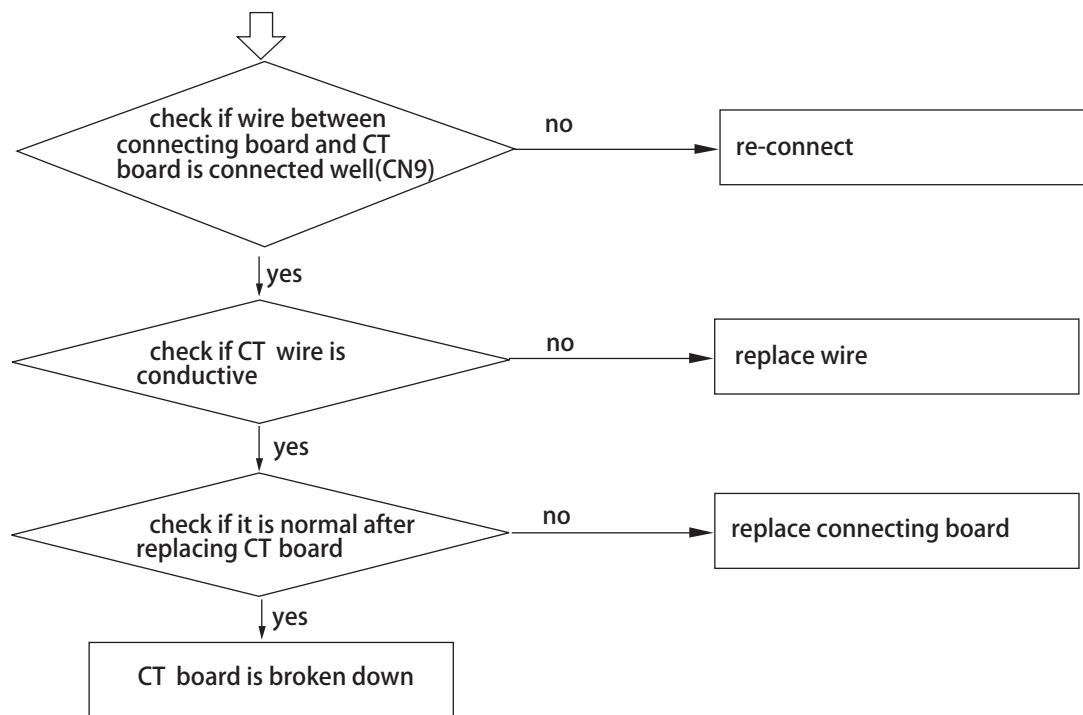
[45] communication among outdoors failure



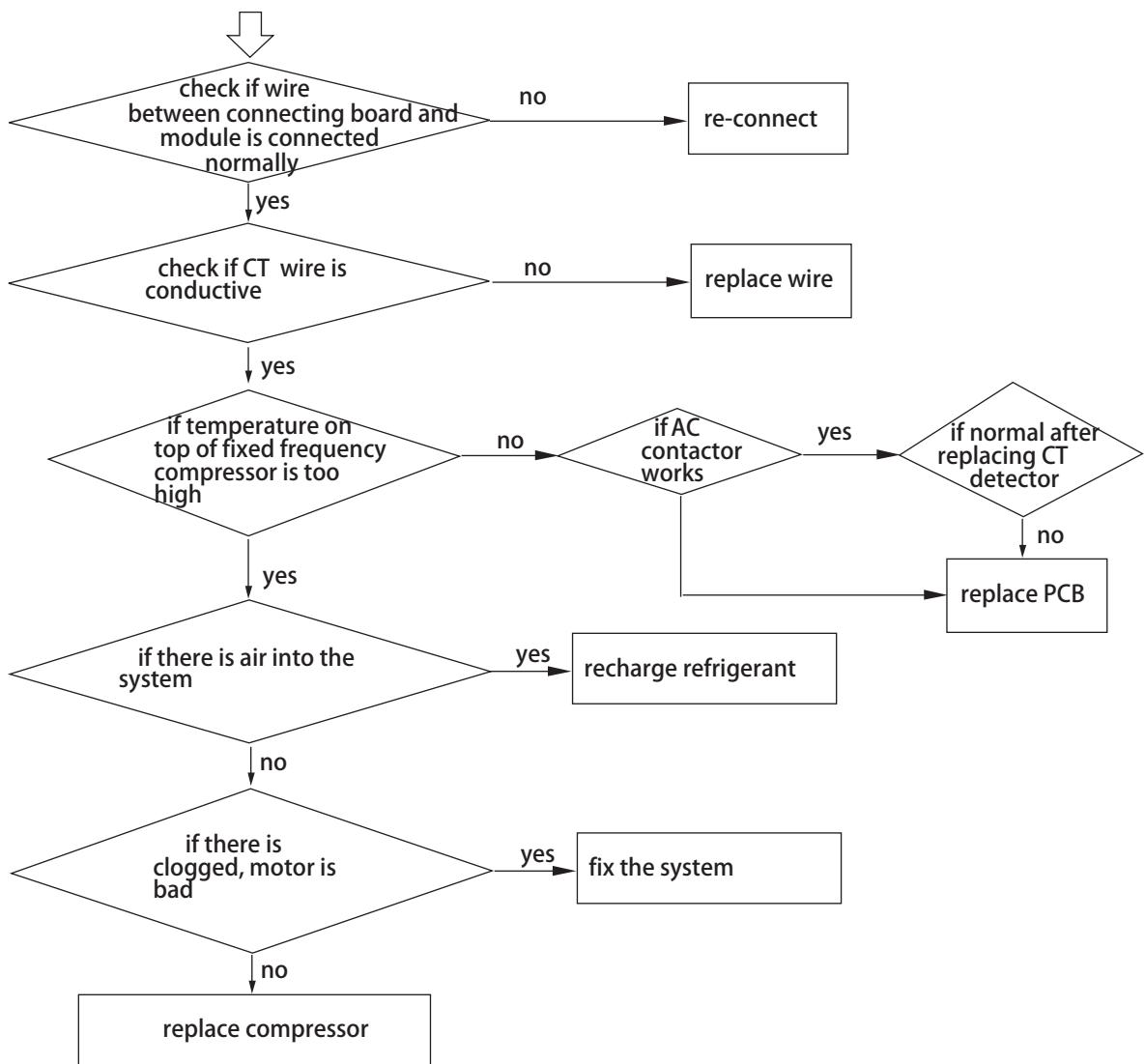
[46] communication with inverter module failure



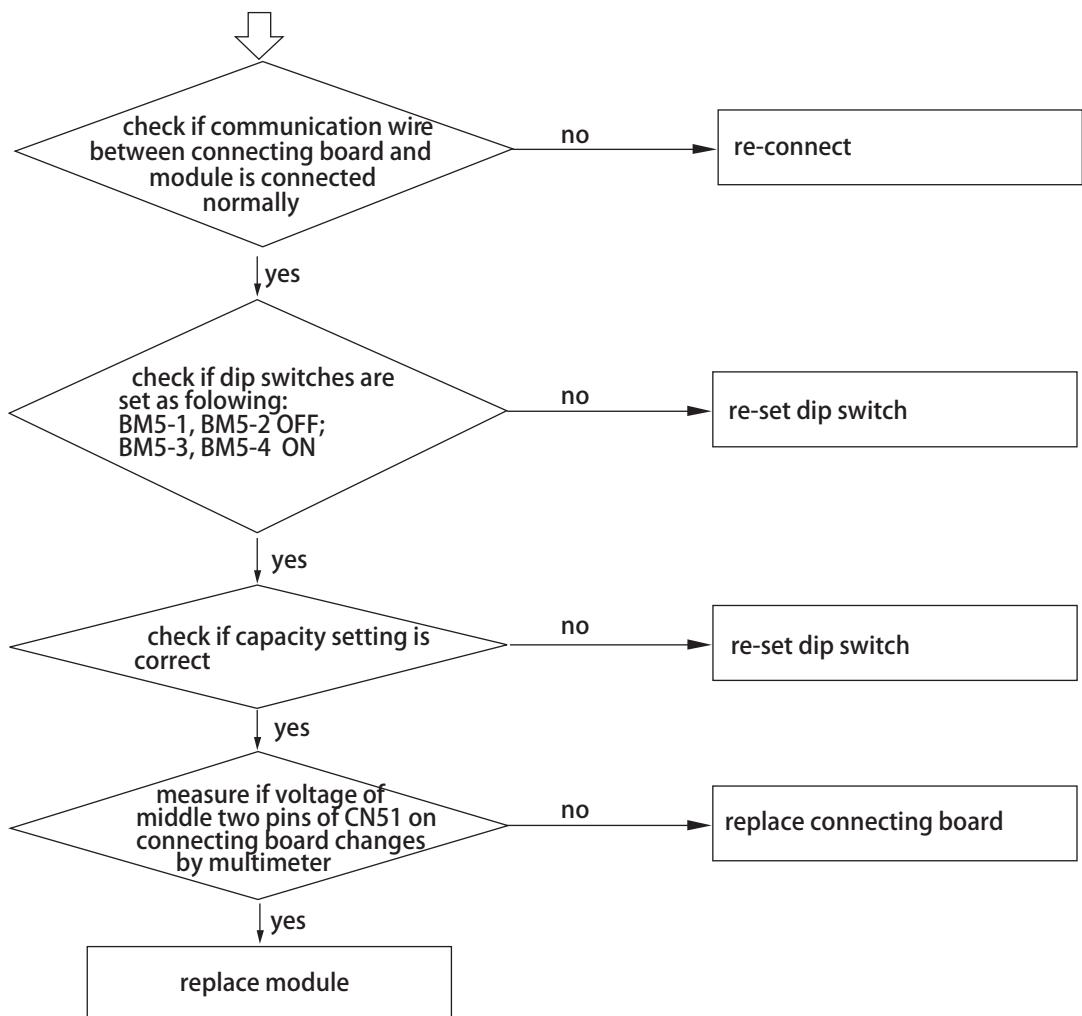
[53-0] current sensor failure



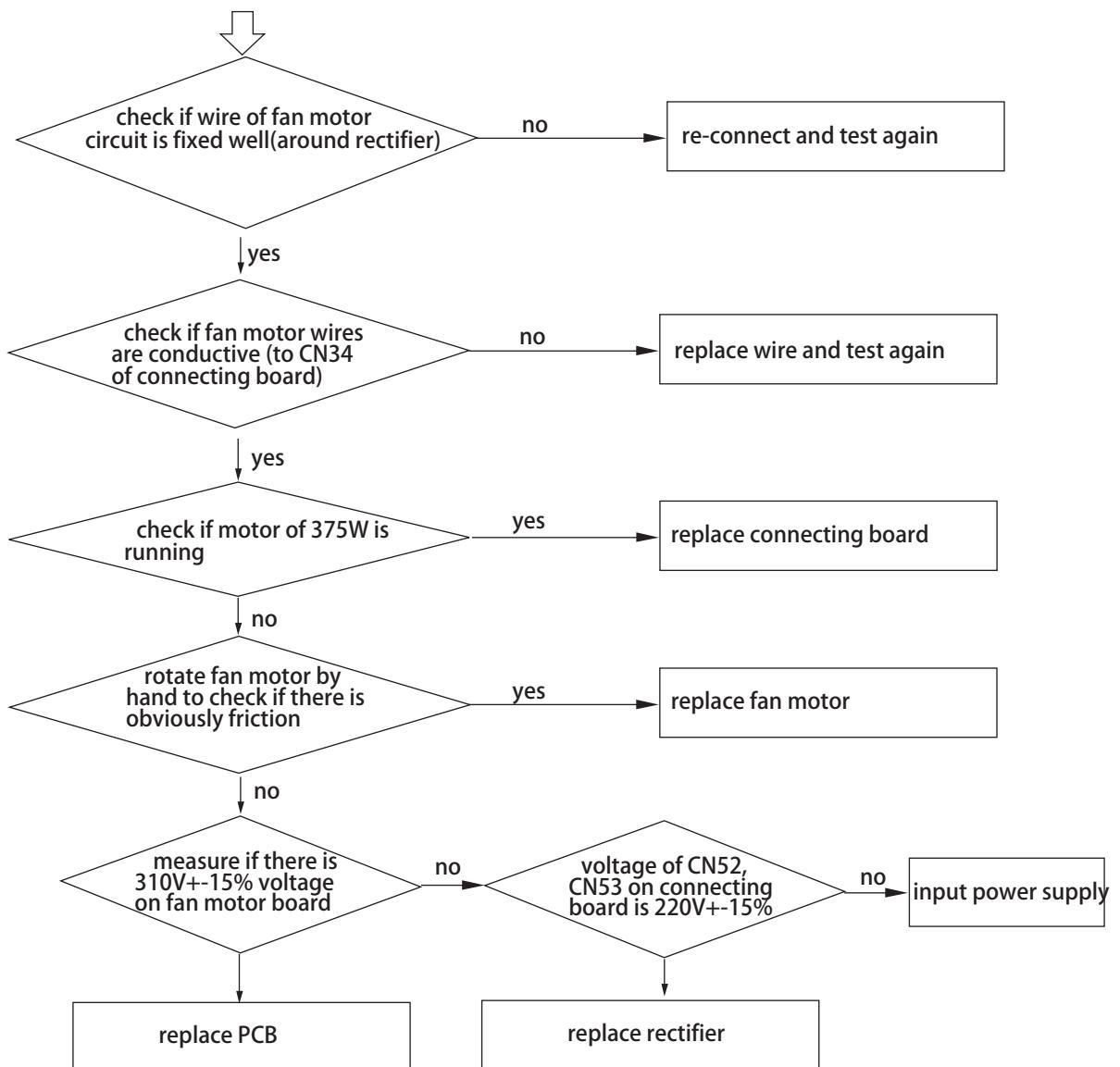
[64-0] CT over current



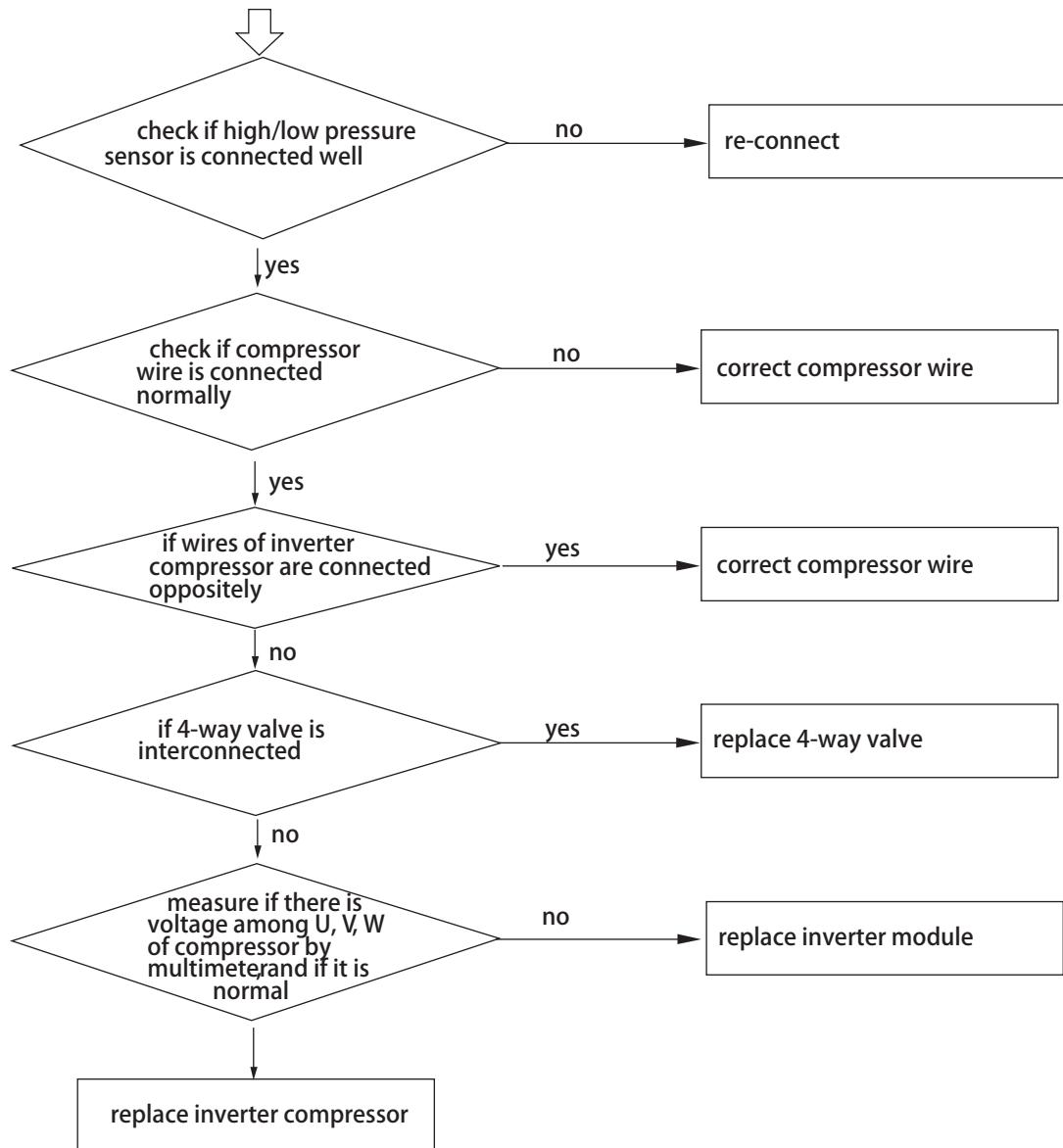
[67] fan motor with driving board communication failure



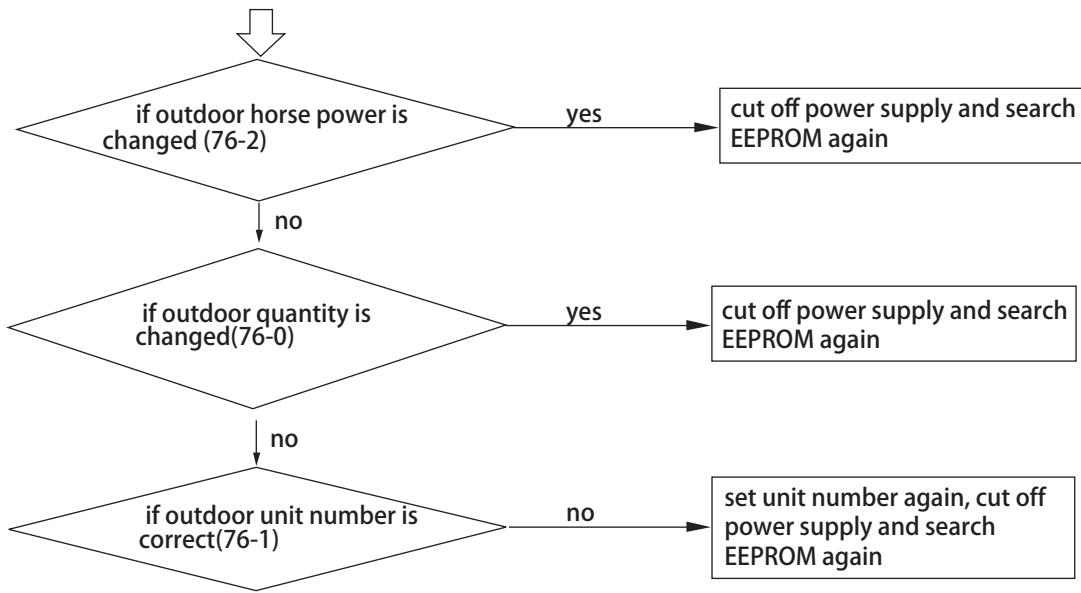
[71] DC motor blocked



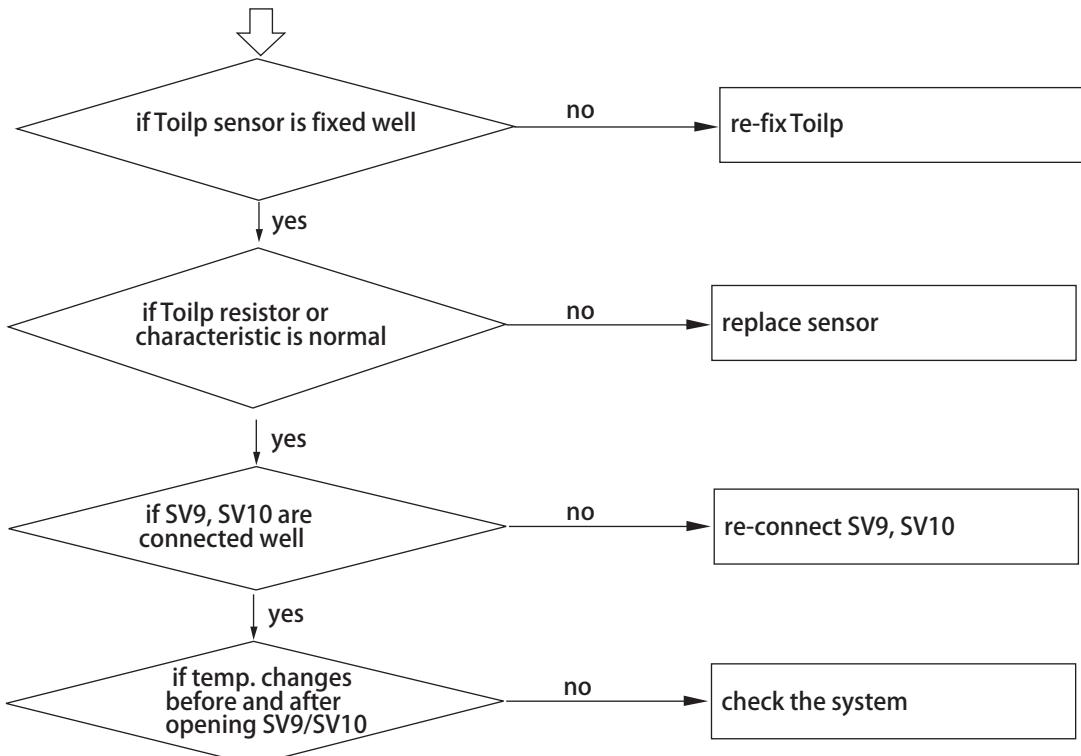
[75-0, 75-4] pressure drop too low between high pressure and low one



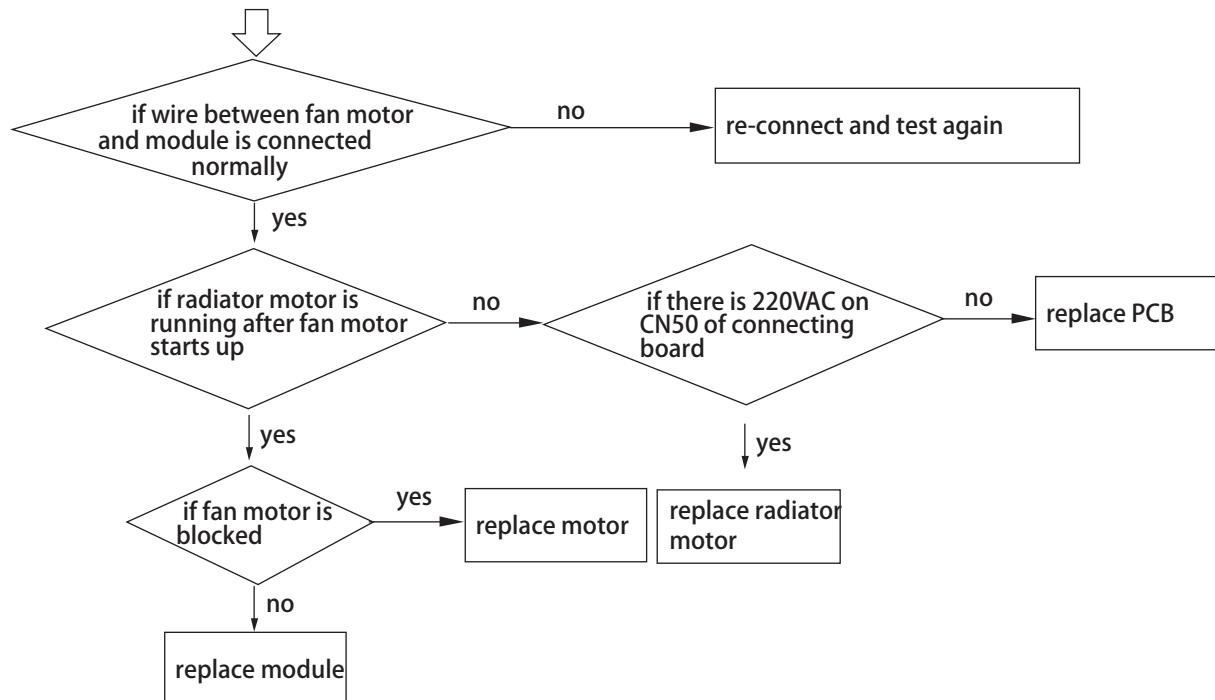
[76] outdoor address or capacity setting incorrect



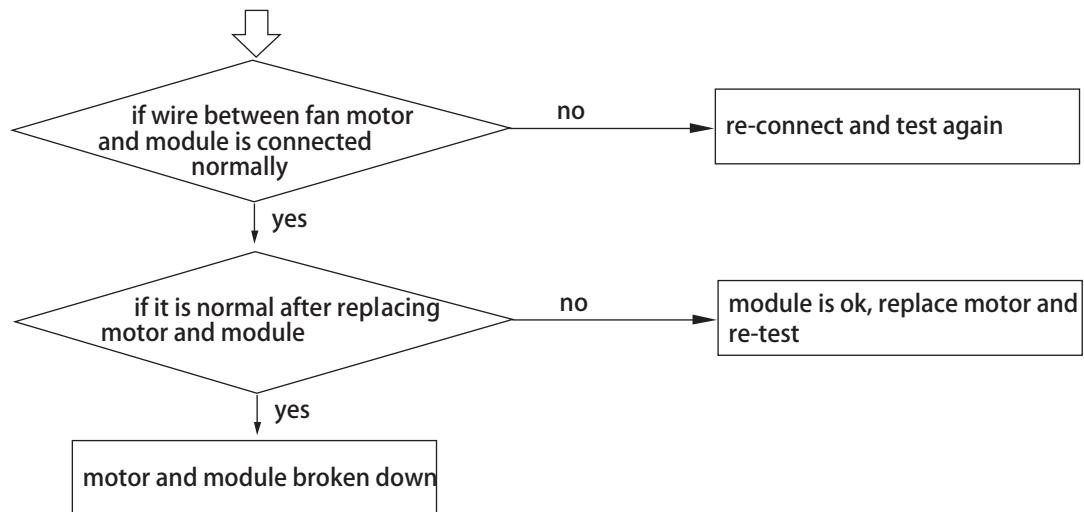
[77] oil equalization failure among outdoors



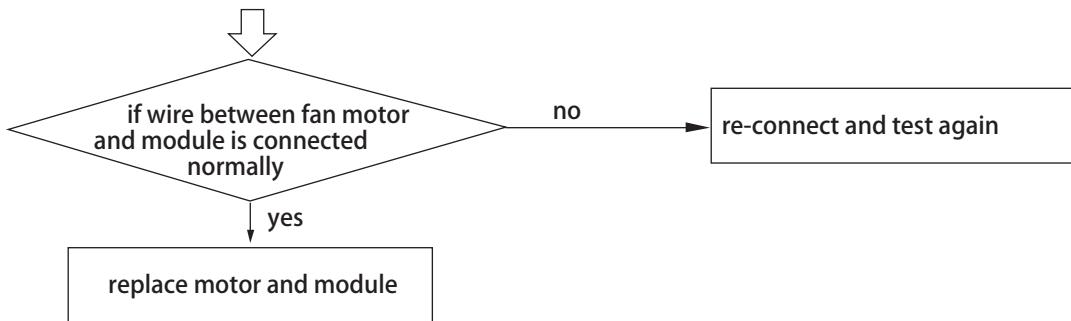
[100] IPM abnormal of DC fan motor driving board



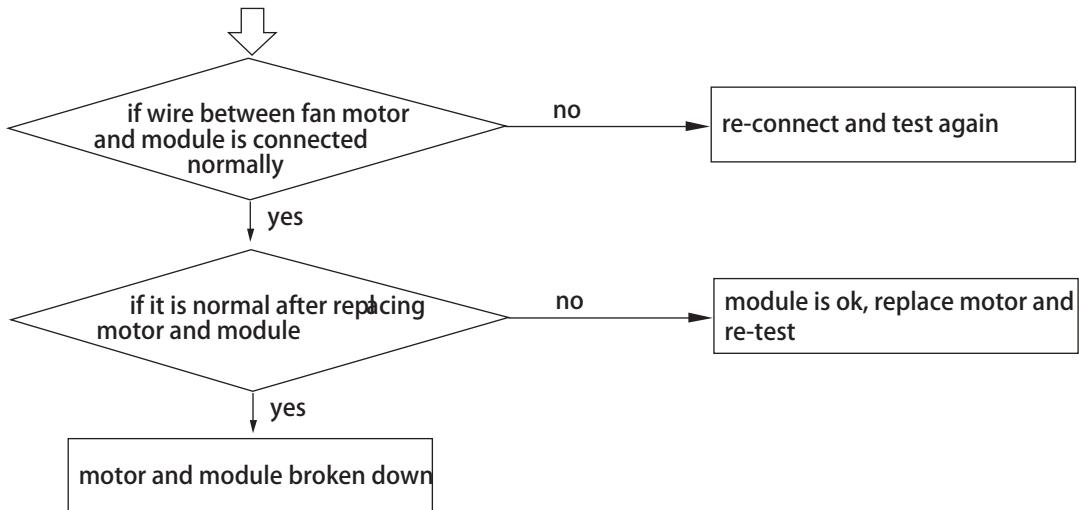
[101] DC motor driving board detecting out of control



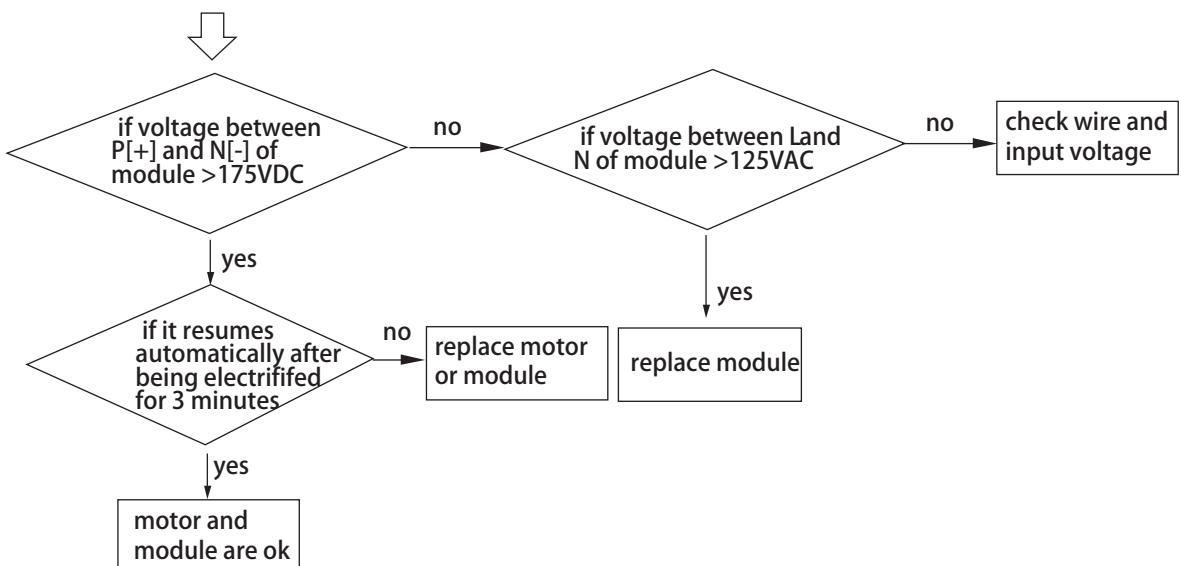
[102] DC motor driving board EEPROM failure



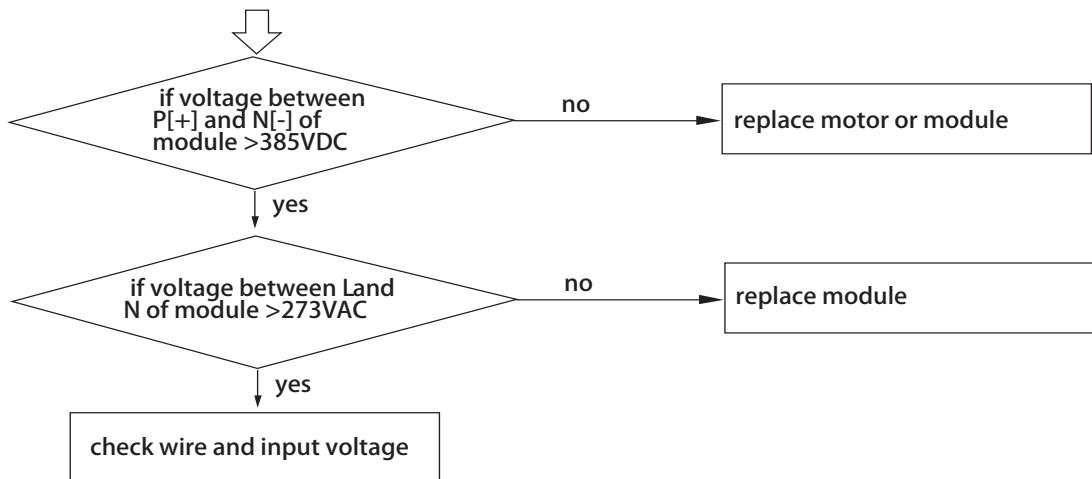
[103] DC motor driving board overcurrent or current sensor broken down



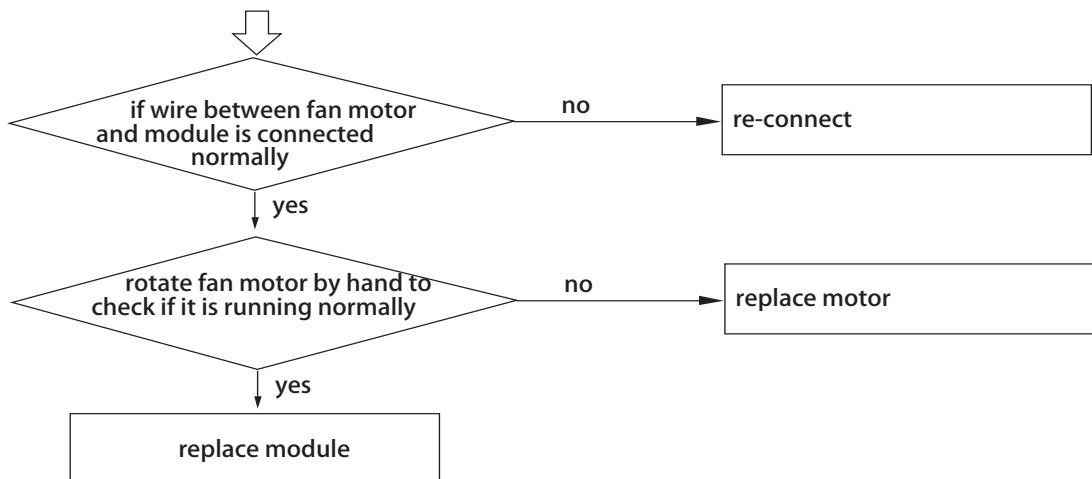
[104] voltage too low protection of DC motor driving board



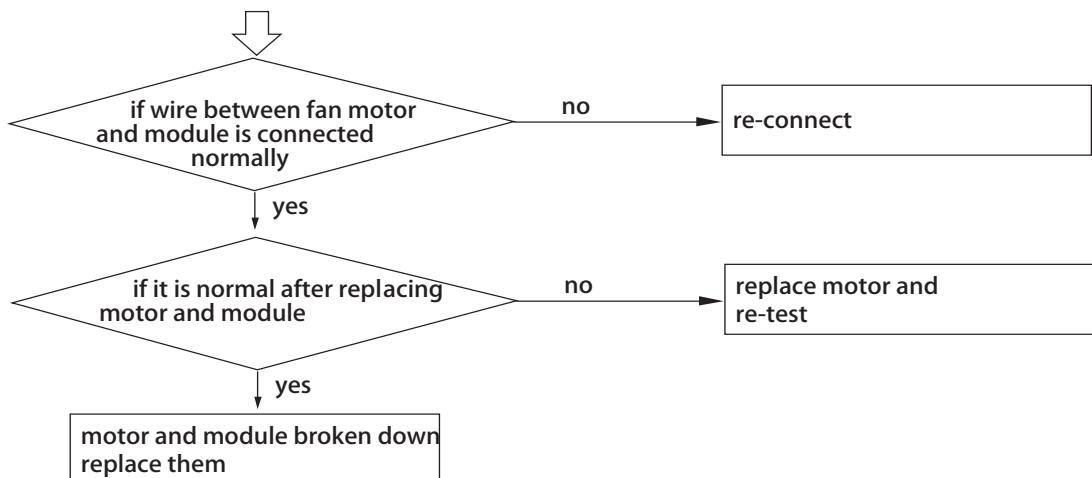
[105] protection of DC motor driving board overcurrent



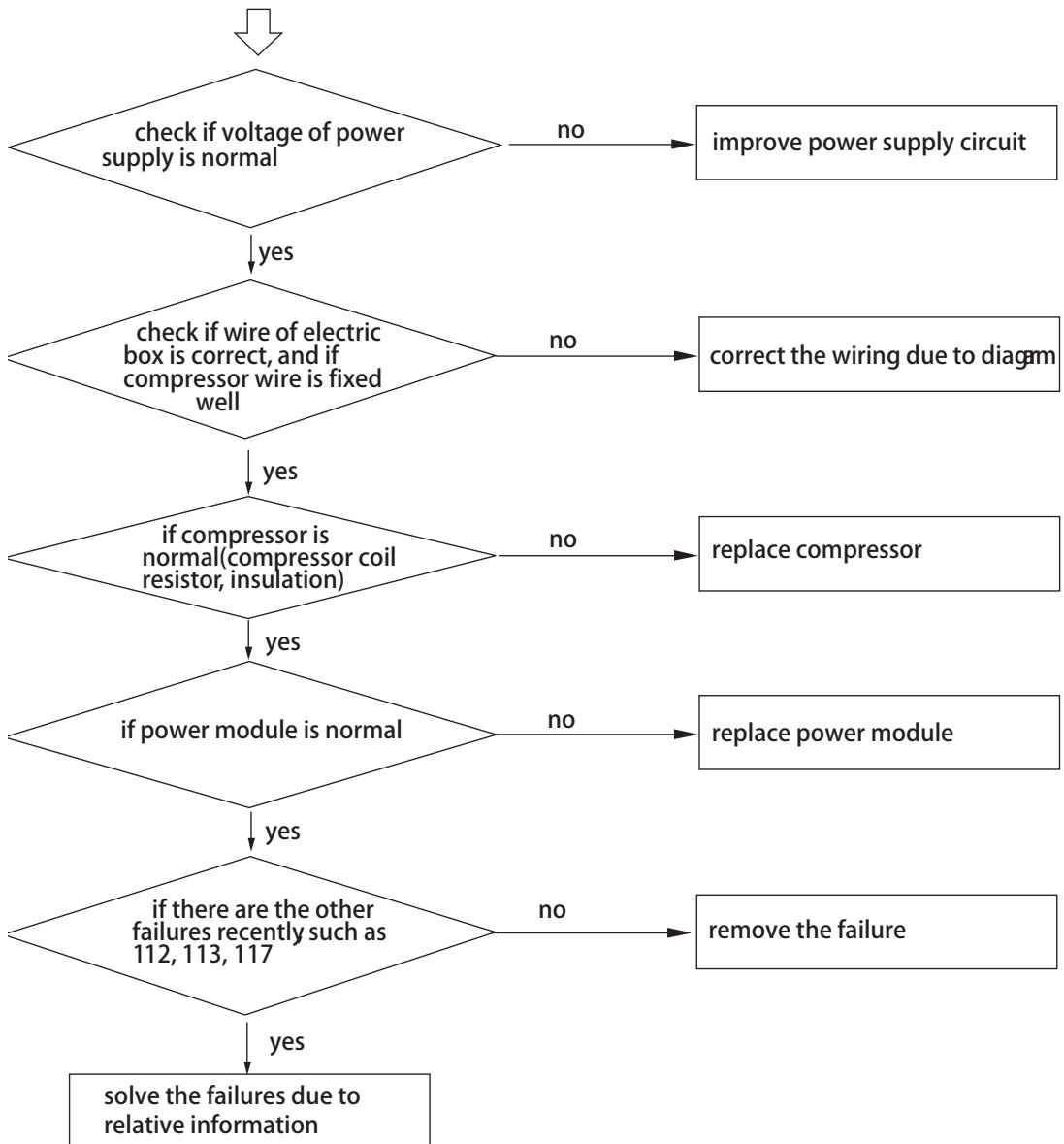
[106] DC motor driving board blocked



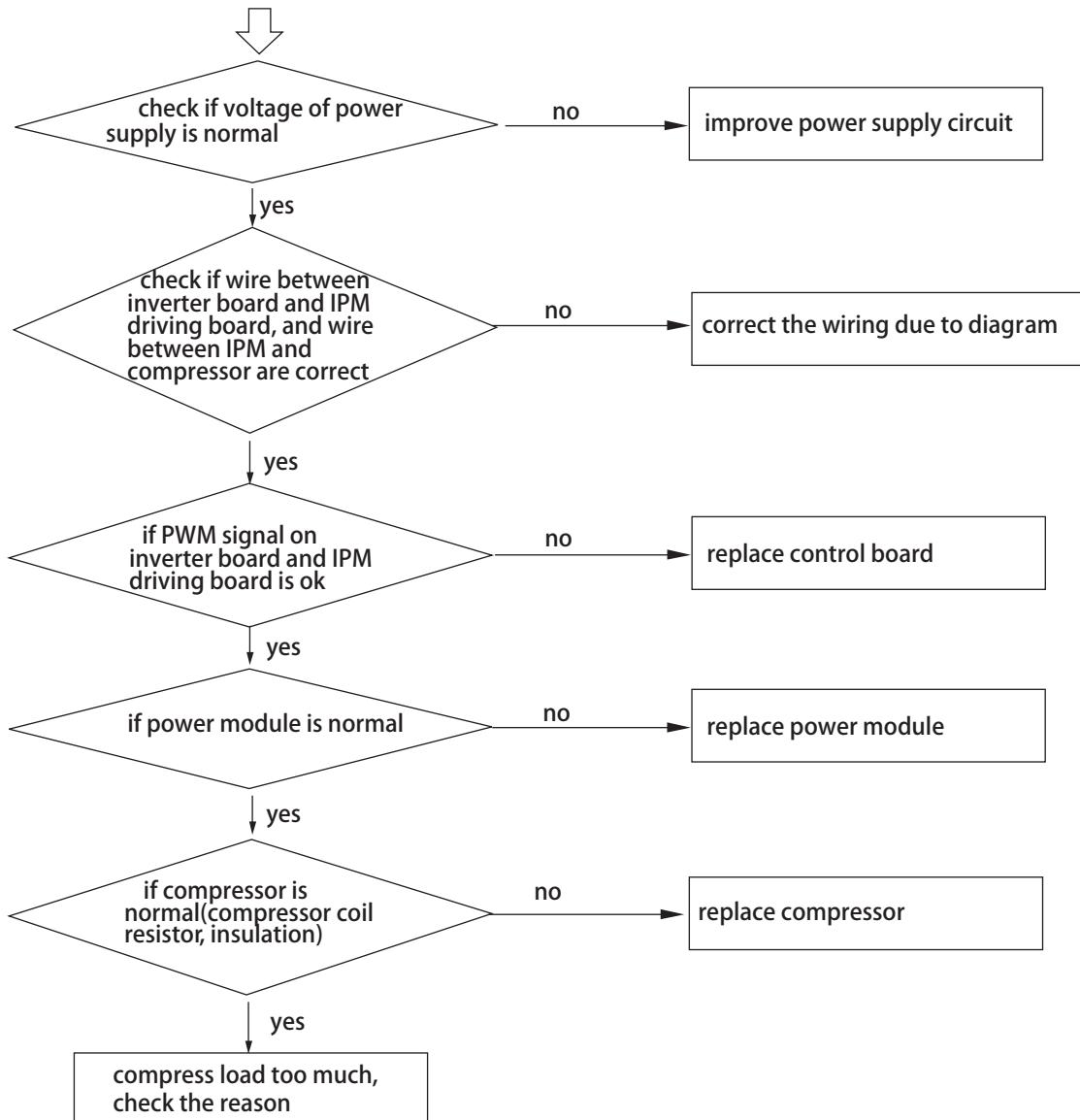
[107] protection of motor rate over limitation



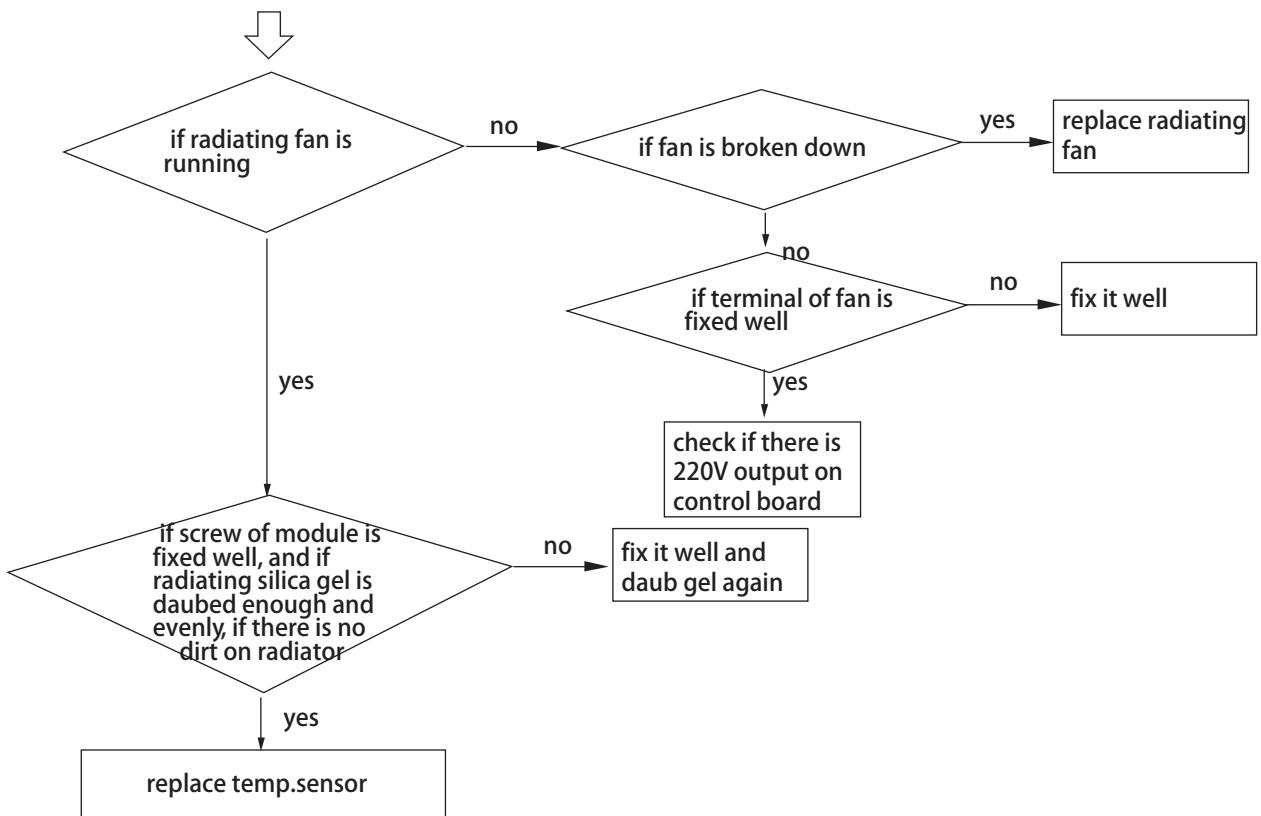
[110] power module overcurrent



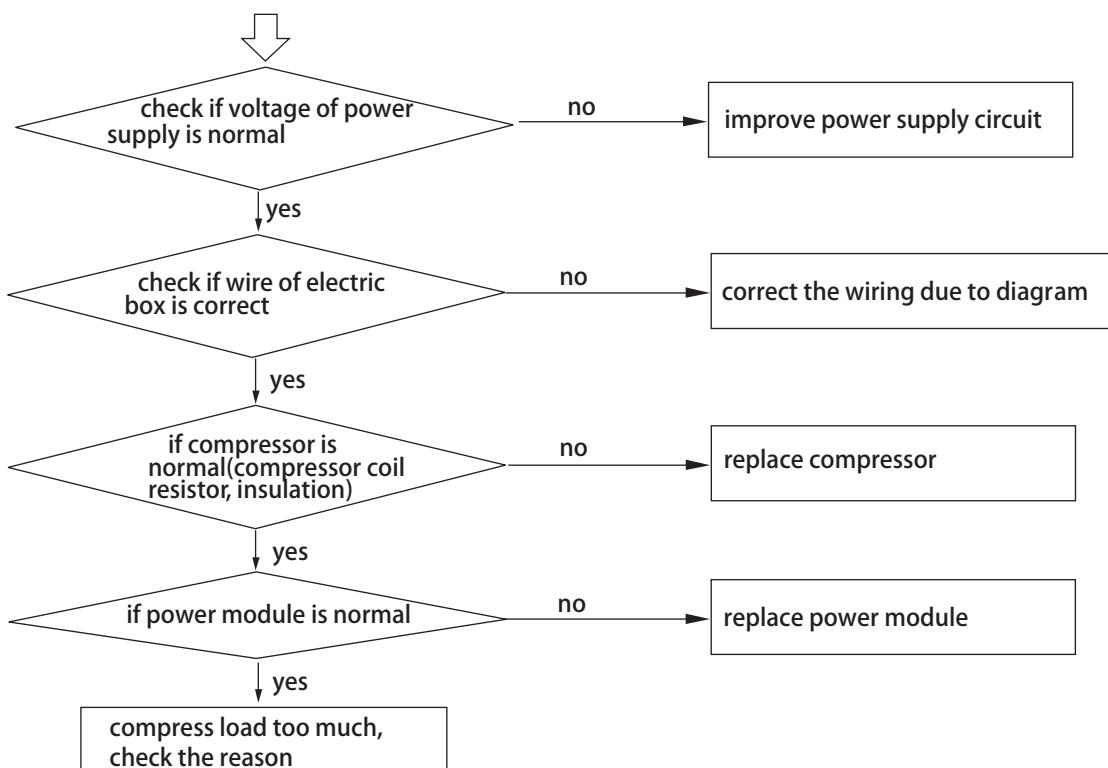
[111] compressor out of control



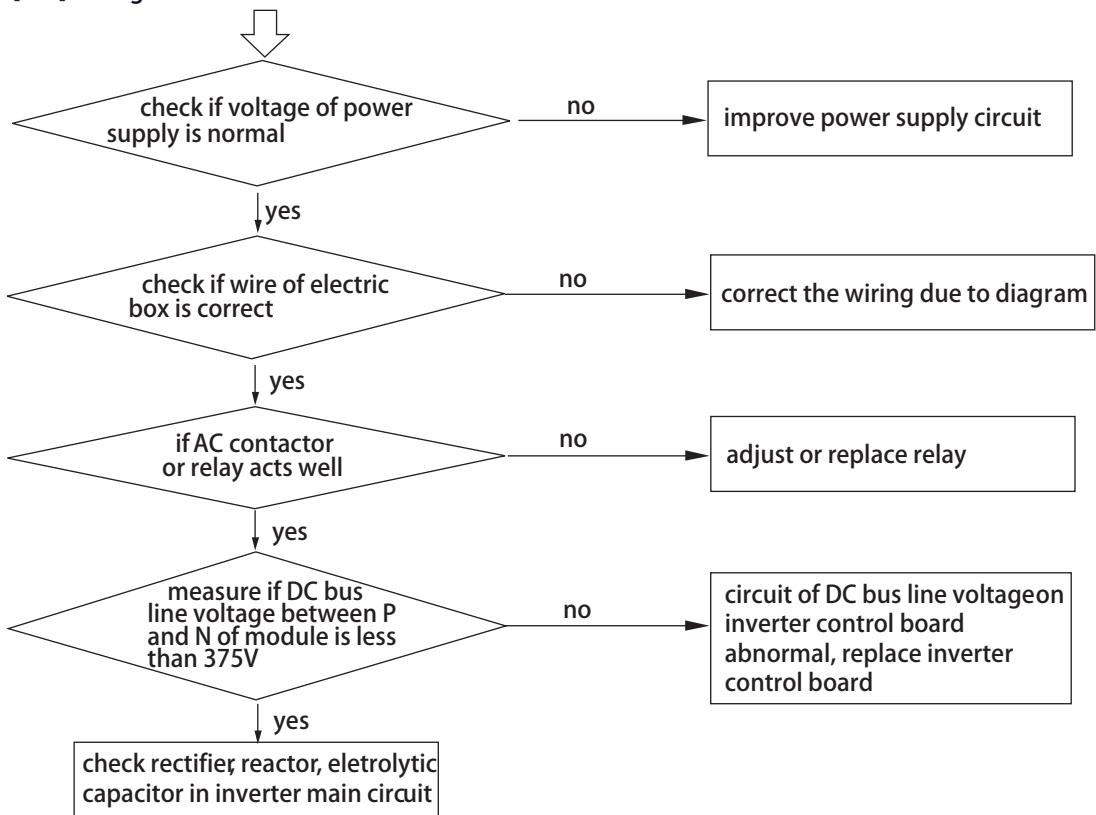
[112] radiator of transducer temp.too high



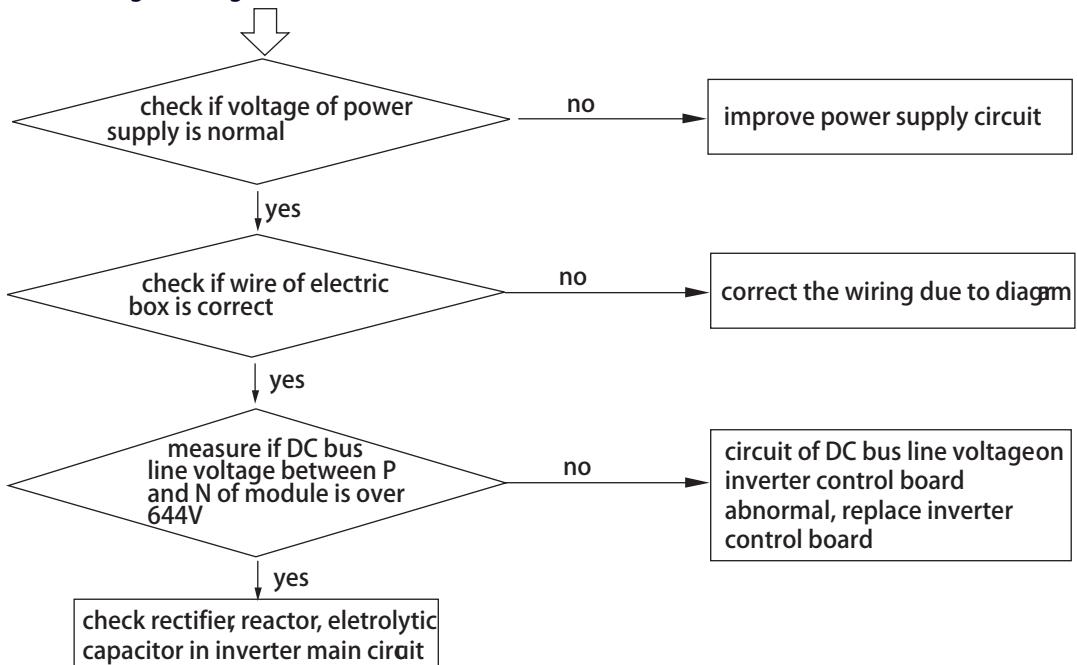
[113] protection of overload



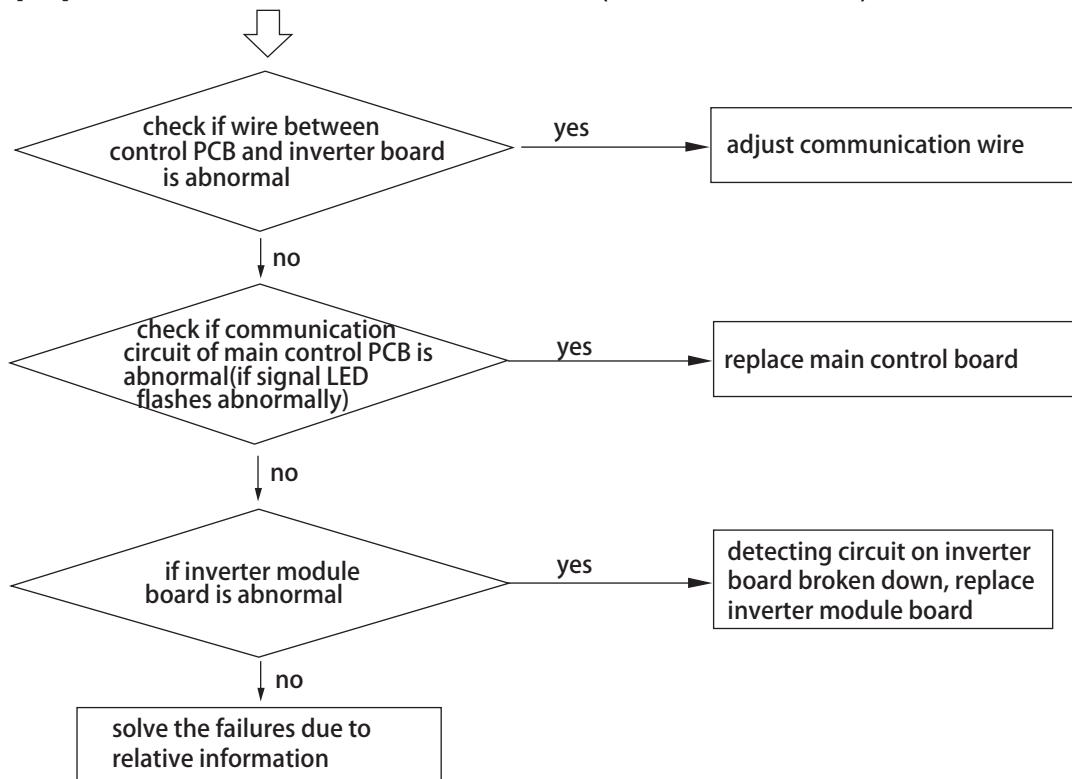
[114] voltage too low of DC bus line of transducer



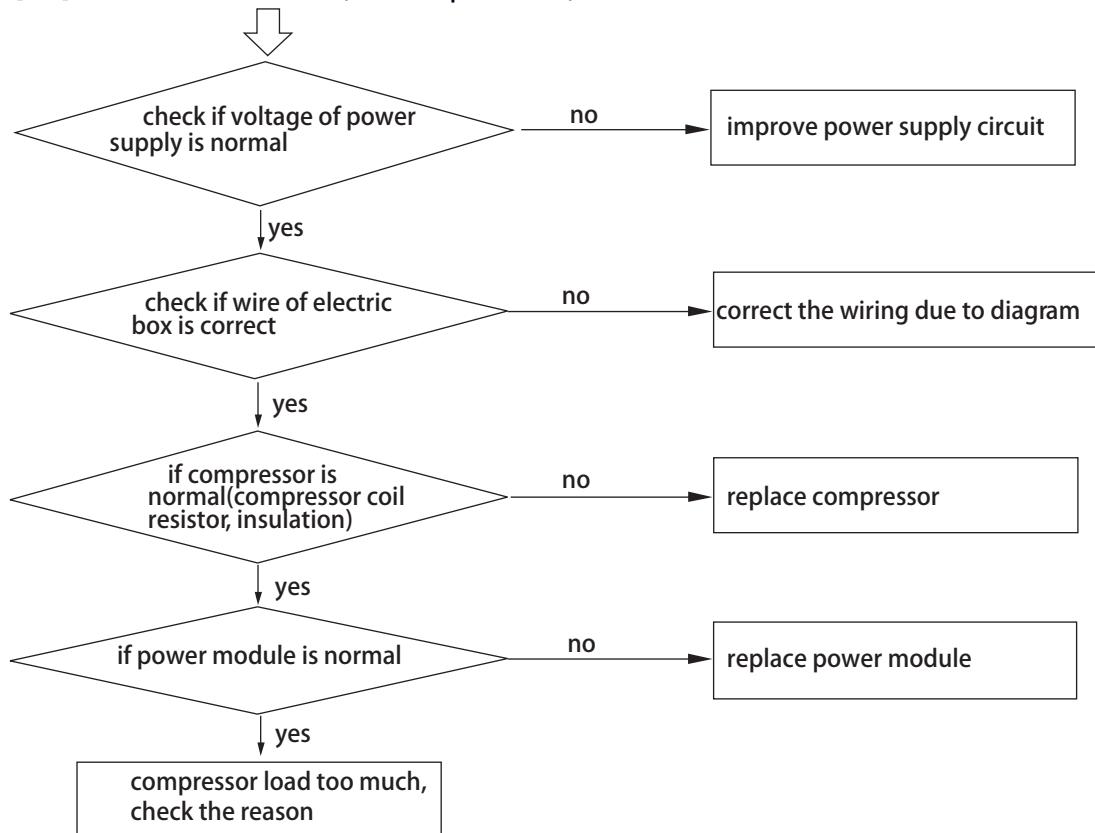
[115] voltage too high of DC bus line of transducer



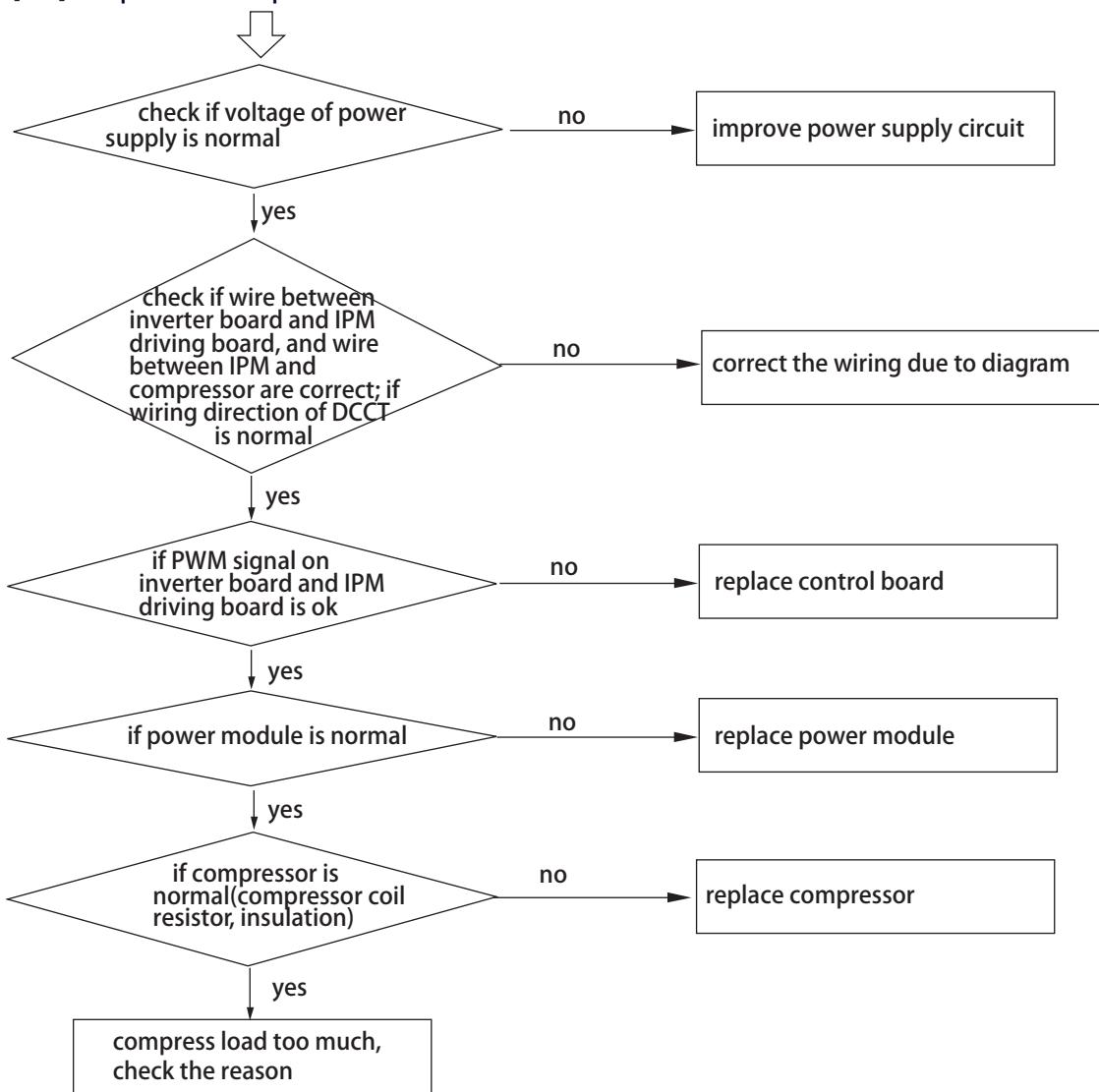
[116] communication abnormal between transducer(inverter module board) and control PCB



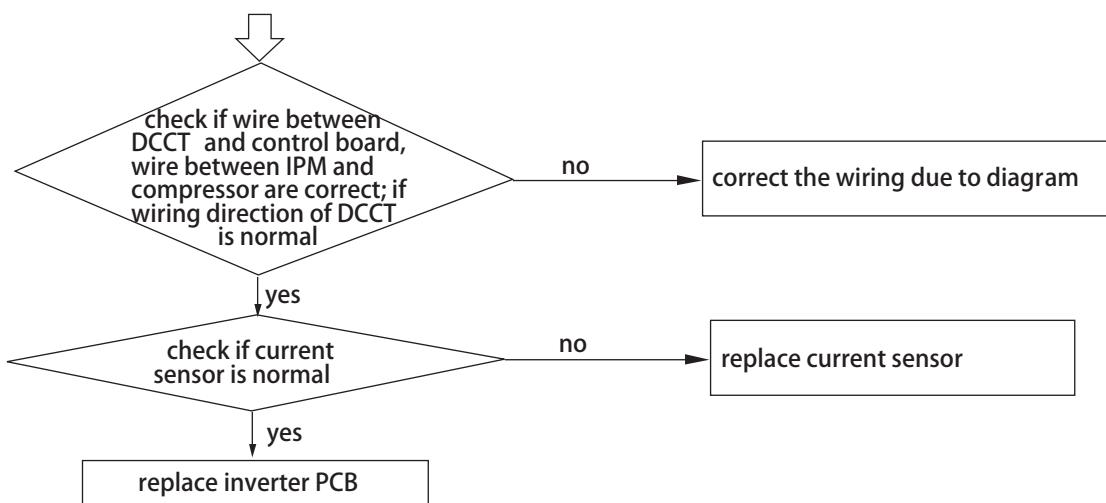
[117] transducer over current(software protection)



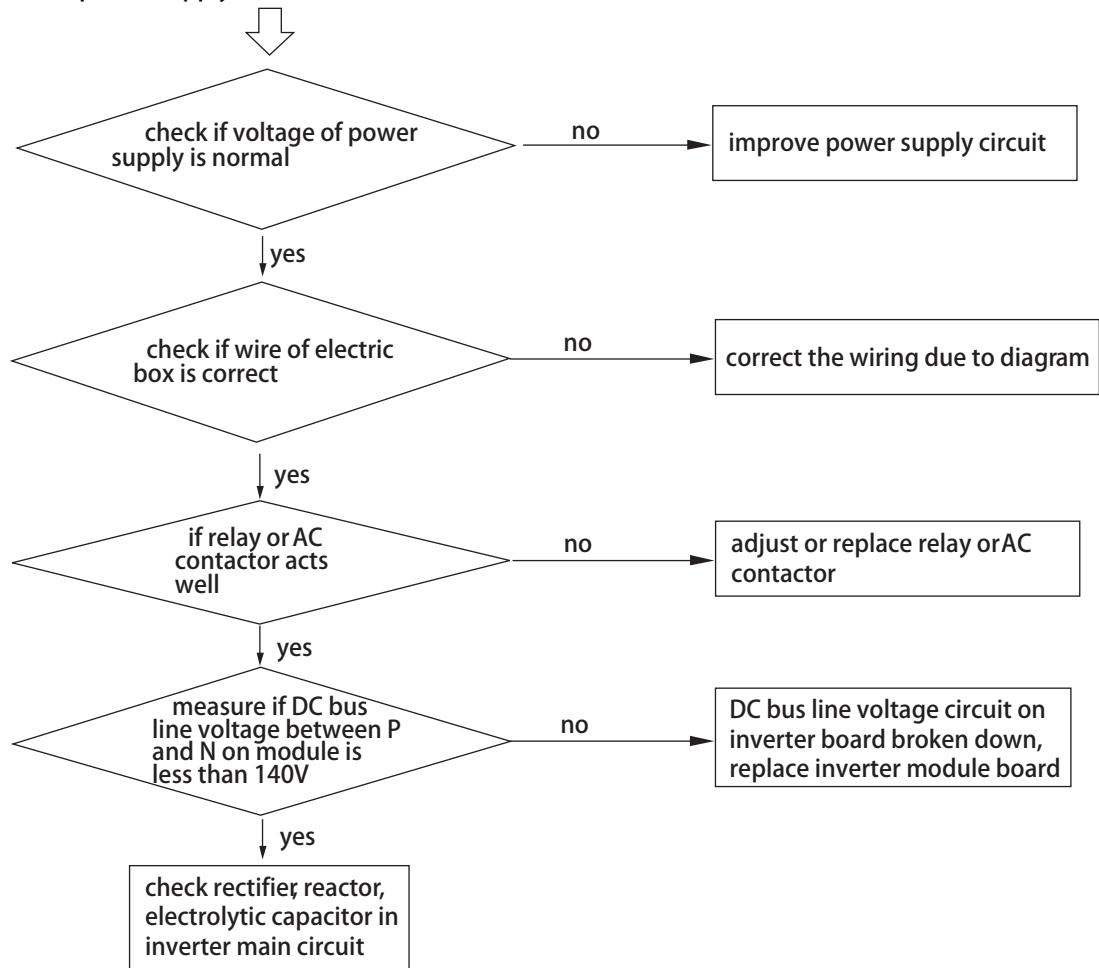
[118] compressor startup failure because of overcurrent or overheat



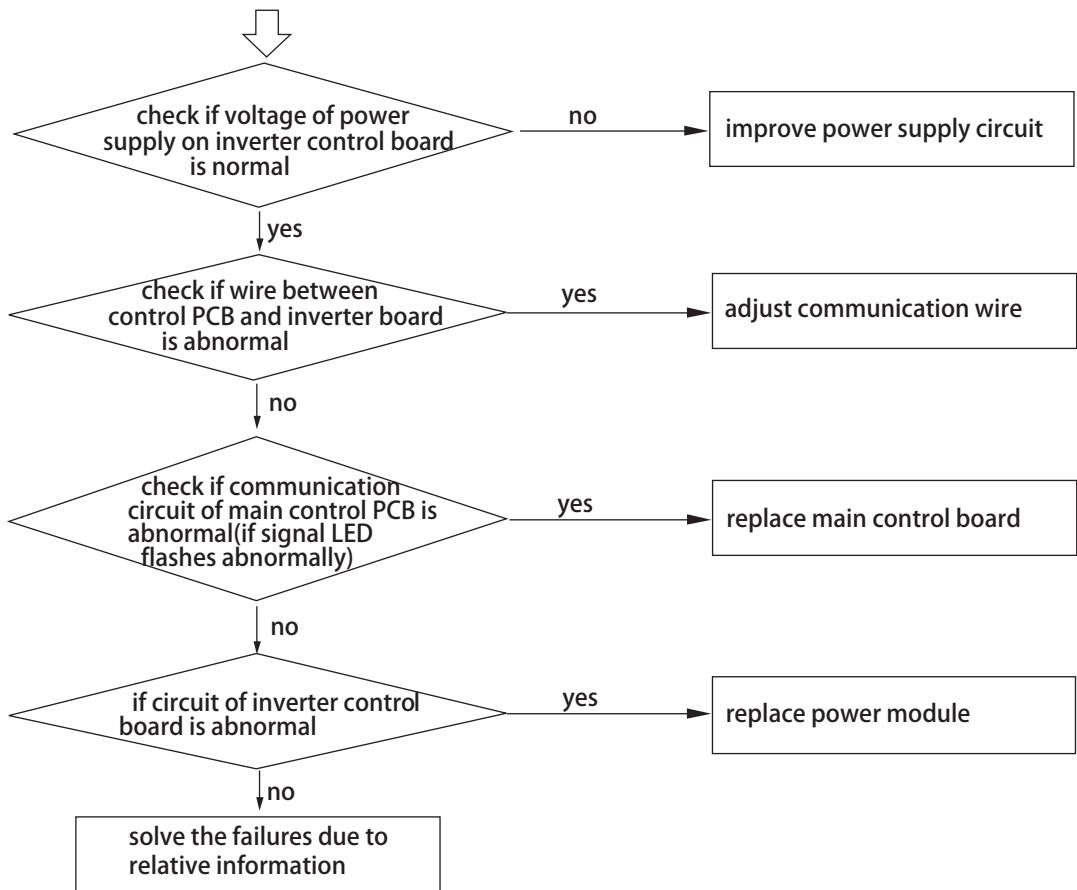
[119] current detecting circuit abnormal of transducer



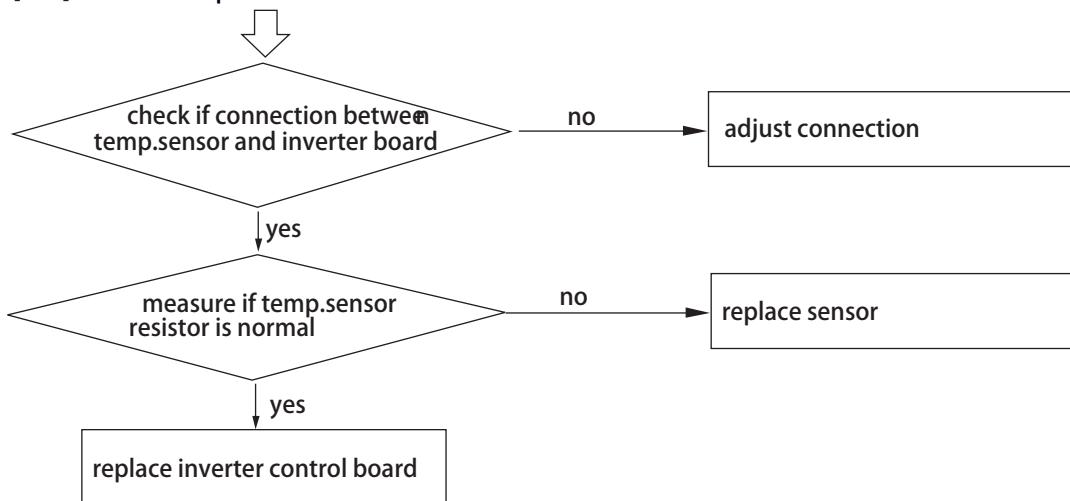
[120] power supply of transducer abnormal



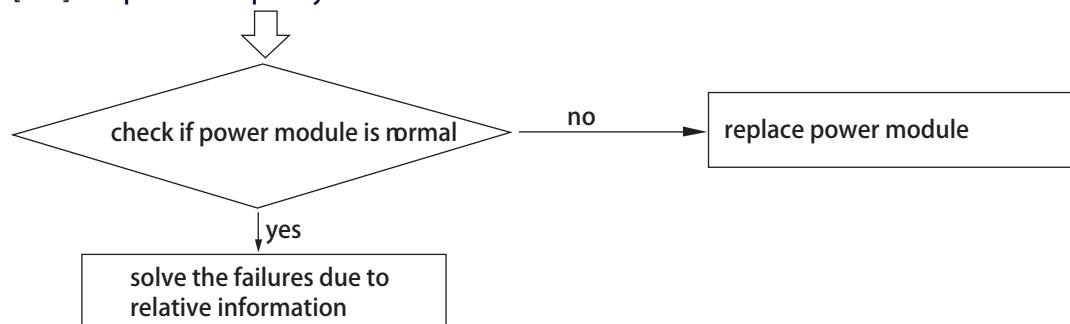
[121] power supply of inverter board is abnormal



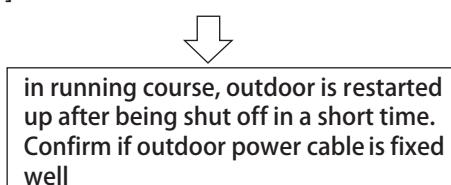
[122] radiator temp.sensor of transducer abnormal



[125] compressor frequency not match well



[127] MCU reset abnormal



[127] MCU program need be updated

Confirm the version of PCB, and update the program to the latest.

Appendix I Sensor Resistance Table

| Code | Resistance | Description |
|------------|------------|--|
| 0010451307 | 10K | Suction air temp.sensor (Tsacc Tsi Tsco) |
| 0010450949 | 10K | Pipe temp.sensor (Toci1、 Toci2) |
| 0010451328 | 10K | Pipe temp.sensor (Tdef1 Tdef2 Tliqsc) |
| 0010450192 | 10K | Outdoor ambient temp.sensor (Tao) |
| 0010451303 | 50K | Discharging temp.sensor (Toil Toilp Tdi Td1 Tdp) |

| R80=50KΩ±3% B25/50=4450K±3% | | | | | |
|-----------------------------|----------------|------------|----------|----------------|--------|
| Temp | Resistance(KΩ) | | | % (Resist.tol) | |
| (C) | Rmax | R(t)Normal | Rmin | MAX(+) | MIN(-) |
| 0 | 1749.014 | 1921.993 | 2094.972 | 9 | 9 |
| 1 | 1651.431 | 1813.265 | 1975.099 | 8.93 | 8.93 |
| 2 | 1560.165 | 1711.646 | 1863.127 | 8.85 | 8.85 |
| 3 | 1474.737 | 1616.593 | 1758.449 | 8.78 | 8.78 |
| 4 | 1394.709 | 1527.611 | 1660.513 | 8.7 | 8.7 |
| 5 | 1319.683 | 1444.25 | 1568.817 | 8.63 | 8.63 |
| 6 | 1249.295 | 1366.096 | 1482.897 | 8.55 | 8.55 |
| 7 | 1183.21 | 1292.773 | 1402.336 | 8.48 | 8.48 |
| 8 | 1121.124 | 1223.935 | 1326.746 | 8.4 | 8.4 |
| 9 | 1062.756 | 1159.265 | 1255.774 | 8.33 | 8.33 |
| 10 | 1007.85 | 1098.474 | 1189.098 | 8.25 | 8.25 |
| 11 | 956.167 | 1041.293 | 1126.419 | 8.18 | 8.18 |
| 12 | 907.491 | 987.477 | 1067.463 | 8.1 | 8.1 |
| 13 | 861.621 | 936.799 | 1011.977 | 8.03 | 8.03 |
| 14 | 818.372 | 889.052 | 959.732 | 7.95 | 7.95 |
| 15 | 777.574 | 844.042 | 910.51 | 7.88 | 7.88 |
| 16 | 739.066 | 801.59 | 864.114 | 7.8 | 7.8 |
| 17 | 702.705 | 761.533 | 820.361 | 7.73 | 7.73 |
| 18 | 668.353 | 723.717 | 779.081 | 7.65 | 7.65 |
| 19 | 635.885 | 688.001 | 740.117 | 7.58 | 7.58 |
| 20 | 605.185 | 654.254 | 703.323 | 7.5 | 7.5 |
| 21 | 576.145 | 622.355 | 668.565 | 7.43 | 7.43 |
| 22 | 548.663 | 592.189 | 635.715 | 7.35 | 7.35 |
| 23 | 522.645 | 563.651 | 604.657 | 7.28 | 7.28 |
| 24 | 498.006 | 536.644 | 575.282 | 7.2 | 7.2 |
| 25 | 474.662 | 511.076 | 547.49 | 7.13 | 7.13 |
| 26 | 452.538 | 486.862 | 521.186 | 7.05 | 7.05 |
| 27 | 431.563 | 463.922 | 496.281 | 6.98 | 6.98 |
| 28 | 411.671 | 442.182 | 472.693 | 6.9 | 6.9 |
| 29 | 392.8 | 421.572 | 450.344 | 6.83 | 6.83 |
| 30 | 374.891 | 402.028 | 429.165 | 6.75 | 6.75 |
| 31 | 357.891 | 383.489 | 409.087 | 6.68 | 6.68 |
| 32 | 341.749 | 365.898 | 390.047 | 6.6 | 6.6 |
| 33 | 326.416 | 349.201 | 371.986 | 6.53 | 6.53 |
| 34 | 311.848 | 333.349 | 354.85 | 6.45 | 6.45 |
| 35 | 298.004 | 318.295 | 338.586 | 6.38 | 6.38 |
| 36 | 284.843 | 303.995 | 323.147 | 6.3 | 6.3 |

| Temp (°C) | Resistance(KΩ) | | | % (Resist.tol) | |
|--------------|----------------|------------|---------|----------------|--------|
| | Rmax | R(t)Normal | Rmin | MAX(+) | MIN(-) |
| 38 | 260.427 | 277.493 | 294.559 | 6.15 | 6.15 |
| 39 | 249.104 | 265.216 | 281.328 | 6.08 | 6.08 |
| 40 | 238.329 | 253.541 | 268.753 | 6 | 6 |
| 41 | 228.073 | 242.437 | 256.801 | 5.93 | 5.93 |
| 42 | 218.308 | 231.873 | 245.438 | 5.85 | 5.85 |
| 43 | 209.01 | 221.82 | 234.63 | 5.78 | 5.78 |
| 44 | 200.154 | 212.252 | 224.35 | 5.7 | 5.7 |
| 45 | 191.715 | 203.142 | 214.569 | 5.63 | 5.63 |
| 46 | 183.674 | 194.467 | 205.26 | 5.55 | 5.55 |
| 47 | 176.009 | 186.204 | 196.399 | 5.48 | 5.48 |
| 48 | 168.703 | 178.333 | 187.963 | 5.4 | 5.4 |
| 49 | 161.735 | 170.832 | 179.929 | 5.33 | 5.33 |
| 50 | 155.089 | 163.682 | 172.275 | 5.25 | 5.25 |
| 51 | 148.748 | 156.866 | 164.984 | 5.18 | 5.18 |
| 52 | 142.698 | 150.367 | 158.036 | 5.1 | 5.1 |
| 53 | 136.924 | 144.168 | 151.412 | 5.03 | 5.03 |
| 54 | 131.411 | 138.255 | 145.099 | 4.95 | 4.95 |
| 55 | 126.148 | 132.613 | 139.078 | 4.88 | 4.88 |
| 56 | 121.122 | 127.229 | 133.336 | 4.8 | 4.8 |
| 57 | 116.32 | 122.089 | 127.858 | 4.73 | 4.73 |
| 58 | 111.732 | 117.181 | 122.63 | 4.65 | 4.65 |
| 59 | 107.347 | 112.494 | 117.641 | 4.58 | 4.58 |
| 60 | 103.157 | 108.018 | 112.879 | 4.5 | 4.5 |
| 61 | 99.15 | 103.741 | 108.332 | 4.43 | 4.43 |
| 62 | 95.319 | 99.654 | 103.989 | 4.35 | 4.35 |
| 63 | 91.655 | 95.748 | 99.841 | 4.28 | 4.28 |
| 64 | 88.149 | 92.014 | 95.879 | 4.2 | 4.2 |
| 65 | 84.795 | 88.443 | 92.091 | 4.13 | 4.13 |
| 66 | 81.584 | 85.028 | 88.472 | 4.05 | 4.05 |
| 67 | 78.511 | 81.761 | 85.011 | 3.98 | 3.98 |
| 68 | 75.569 | 78.636 | 81.703 | 3.9 | 3.9 |
| 69 | 72.752 | 75.645 | 78.538 | 3.83 | 3.83 |
| 70 | 70.052 | 72.781 | 75.51 | 3.75 | 3.75 |
| 71 | 67.466 | 70.04 | 72.614 | 3.68 | 3.68 |

| R80=50KΩ±3% B25/50=4450K±3% | | | | | |
|-----------------------------|----------------|------------|--------|---------------|--------|
| Temp (°C) | Resistance(KΩ) | | | % Resist.tol) | |
| | Rmax | R(t)Normal | Rmin | MAX(+) | MIN(-) |
| 72 | 64.988 | 67.415 | 69.842 | 3.6 | 3.6 |
| 73 | 62.613 | 64.901 | 67.189 | 3.53 | 3.53 |
| 74 | 60.337 | 62.493 | 64.649 | 3.45 | 3.45 |
| 75 | 58.154 | 60.185 | 62.216 | 3.38 | 3.38 |
| 76 | 56.06 | 57.973 | 59.886 | 3.3 | 3.3 |
| 77 | 54.051 | 55.852 | 57.653 | 3.23 | 3.23 |
| 78 | 52.125 | 53.82 | 55.515 | 3.15 | 3.15 |
| 79 | 50.275 | 51.87 | 53.465 | 3.08 | 3.08 |
| 80 | 48.5 | 50 | 51.5 | 3 | 3 |
| 81 | 46.728 | 48.206 | 49.684 | 3.07 | 3.07 |
| 82 | 45.028 | 46.484 | 47.94 | 3.13 | 3.13 |
| 83 | 43.397 | 44.832 | 46.267 | 3.2 | 3.2 |
| 84 | 41.833 | 43.246 | 44.659 | 3.27 | 3.27 |
| 85 | 40.332 | 41.723 | 43.114 | 3.33 | 3.33 |
| 86 | 38.891 | 40.26 | 41.629 | 3.4 | 3.4 |
| 87 | 37.509 | 38.856 | 40.203 | 3.47 | 3.47 |
| 88 | 36.181 | 37.506 | 38.831 | 3.53 | 3.53 |
| 89 | 34.905 | 36.209 | 37.513 | 3.6 | 3.6 |
| 90 | 33.68 | 34.962 | 36.244 | 3.67 | 3.67 |
| 91 | 32.503 | 33.764 | 35.025 | 3.73 | 3.73 |
| 92 | 31.373 | 32.612 | 33.851 | 3.8 | 3.8 |
| 93 | 30.286 | 31.504 | 32.722 | 3.87 | 3.87 |
| 94 | 29.242 | 30.439 | 31.636 | 3.93 | 3.93 |
| 95 | 28.236 | 29.413 | 30.59 | 4 | 4 |
| 96 | 27.271 | 28.427 | 29.583 | 4.07 | 4.07 |
| 97 | 26.342 | 27.478 | 28.614 | 4.13 | 4.13 |
| 98 | 25.448 | 26.564 | 27.68 | 4.2 | 4.2 |
| 99 | 24.589 | 25.685 | 26.781 | 4.27 | 4.27 |
| 100 | 23.762 | 24.838 | 25.914 | 4.33 | 4.33 |
| 101 | 22.966 | 24.023 | 25.08 | 4.4 | 4.4 |
| 102 | 22.199 | 23.237 | 24.275 | 4.47 | 4.47 |
| 103 | 21.462 | 22.481 | 23.5 | 4.53 | 4.53 |
| 104 | 20.751 | 21.752 | 22.753 | 4.6 | 4.6 |

| Temp (°C) | Resistance(KΩ) | | | % Resist.tol) | |
|---------------|----------------|------------|--------|---------------|--------|
| | Rmax | R(t)Normal | Rmin | MAX(+) | MIN(-) |
| 105 | 20.067 | 21.049 | 22.031 | 4.67 | 4.67 |
| 106 | 19.408 | 20.372 | 21.336 | 4.73 | 4.73 |
| 107 | 18.773 | 19.72 | 20.667 | 4.8 | 4.8 |
| 108 | 18.162 | 19.091 | 20.02 | 4.87 | 4.87 |
| 109 | 17.573 | 18.485 | 19.397 | 4.93 | 4.93 |
| 110 | 17.005 | 17.9 | 18.795 | 5 | 5 |
| 111 | 16.459 | 17.337 | 18.215 | 5.07 | 5.07 |
| 112 | 15.931 | 16.793 | 17.655 | 5.13 | 5.13 |
| 113 | 15.422 | 16.268 | 17.114 | 5.2 | 5.2 |
| 114 | 14.933 | 15.763 | 16.593 | 5.27 | 5.27 |
| 115 | 14.46 | 15.275 | 16.09 | 5.33 | 5.33 |
| 116 | 14.005 | 14.804 | 15.603 | 5.4 | 5.4 |
| 117 | 13.565 | 14.349 | 15.133 | 5.47 | 5.47 |
| 118 | 13.141 | 13.911 | 14.681 | 5.53 | 5.53 |
| 119 | 12.733 | 13.488 | 14.243 | 5.6 | 5.6 |
| 120 | 12.339 | 13.08 | 13.821 | 5.67 | 5.67 |
| 121 | 11.958 | 12.685 | 13.412 | 5.73 | 5.73 |
| 122 | 11.591 | 12.305 | 13.019 | 5.8 | 5.8 |
| 123 | 11.238 | 11.938 | 12.638 | 5.87 | 5.87 |
| 124 | 10.897 | 11.584 | 12.271 | 5.93 | 5.93 |
| 125 | 10.567 | 11.242 | 11.917 | 6 | 6 |
| 126 | 10.249 | 10.911 | 11.573 | 6.07 | 6.07 |
| 127 | 9.943 | 10.593 | 11.243 | 6.13 | 6.13 |
| 128 | 9.647 | 10.285 | 10.923 | 6.2 | 6.2 |
| 129 | 9.362 | 9.988 | 10.614 | 6.27 | 6.27 |
| 130 | 9.087 | 9.701 | 10.315 | 6.33 | 6.33 |
| 131 | 8.822 | 9.425 | 10.028 | 6.4 | 6.4 |
| 132 | 8.566 | 9.158 | 9.75 | 6.47 | 6.47 |
| 133 | 8.319 | 8.9 | 9.481 | 6.53 | 6.53 |
| 134 | 8.08 | 8.651 | 9.222 | 6.6 | 6.6 |
| 135 | 7.85 | 8.411 | 8.972 | 6.67 | 6.67 |
| 136 | 7.629 | 8.18 | 8.731 | 6.73 | 6.73 |
| 137 | 7.416 | 7.957 | 8.498 | 6.8 | 6.8 |
| 138 | 7.209 | 7.741 | 8.273 | 6.87 | 6.87 |
| 139 | 7.011 | 7.533 | 8.055 | 6.93 | 6.93 |
| 140 | 6.82 | 7.333 | 7.846 | 7 | 7 |

| R25=10KΩ±3% B25/50=3700K±3% | | | | | |
|-----------------------------|----------------|------------|---------|----------------|--------|
| Temp | Resistance(KΩ) | | | % (Resist.tol) | |
| (°C) | Rmax | R(t)Normal | Rmin | MAX(+) | MIN(-) |
| -30 | 145.819 | 135.018 | 124.217 | 7 | 7 |
| -29 | 138.071 | 129.126 | 120.181 | 6.93 | 6.93 |
| -28 | 131.793 | 123.339 | 114.885 | 6.85 | 6.85 |
| -27 | 125.665 | 117.684 | 109.703 | 6.78 | 6.78 |
| -26 | 119.706 | 112.18 | 104.654 | 6.71 | 6.71 |
| -25 | 113.933 | 106.843 | 99.753 | 6.64 | 6.64 |
| -24 | 108.361 | 101.687 | 95.013 | 6.56 | 6.56 |
| -23 | 102.997 | 96.719 | 90.441 | 6.49 | 6.49 |
| -22 | 97.847 | 91.946 | 86.045 | 6.42 | 6.42 |
| -21 | 92.915 | 87.371 | 81.827 | 6.35 | 6.35 |
| -20 | 88.2 | 82.994 | 77.788 | 6.27 | 6.27 |
| -19 | 83.702 | 78.815 | 73.928 | 6.2 | 6.2 |
| -18 | 79.417 | 74.832 | 70.247 | 6.13 | 6.13 |
| -17 | 75.342 | 71.041 | 66.74 | 6.05 | 6.05 |
| -16 | 71.471 | 67.437 | 63.403 | 5.98 | 5.98 |
| -15 | 67.798 | 64.015 | 60.232 | 5.91 | 5.91 |
| -14 | 64.316 | 60.769 | 57.222 | 5.84 | 5.84 |
| -13 | 61.017 | 57.692 | 54.367 | 5.76 | 5.76 |
| -12 | 57.895 | 54.778 | 51.661 | 5.69 | 5.69 |
| -11 | 54.942 | 52.019 | 49.096 | 5.62 | 5.62 |
| -10 | 52.149 | 49.409 | 46.669 | 5.55 | 5.55 |
| -9 | 49.51 | 46.941 | 44.372 | 5.47 | 5.47 |
| -8 | 47.016 | 44.607 | 42.198 | 5.4 | 5.4 |
| -7 | 44.659 | 42.4 | 40.141 | 5.33 | 5.33 |
| -6 | 42.433 | 40.315 | 38.197 | 5.25 | 5.25 |
| -5 | 40.332 | 38.345 | 36.358 | 5.18 | 5.18 |
| -4 | 38.346 | 36.482 | 34.618 | 5.11 | 5.11 |
| -3 | 36.472 | 34.723 | 32.974 | 5.04 | 5.04 |
| -2 | 34.7 | 33.059 | 31.418 | 4.96 | 4.96 |
| -1 | 33.027 | 31.487 | 29.947 | 4.89 | 4.89 |

| Temp | Resistance(KΩ) | | | % (Resist.tol) | | |
|------|----------------|--------|------------|----------------|--------|--------|
| | (C) | Rmax | R(t)Normal | Rmin | MAX(+) | MIN(-) |
| 0 | 31.445 | 30 | 28.555 | 4.82 | 4.82 | |
| 1 | 29.951 | 28.594 | 27.237 | 4.75 | 4.75 | |
| 2 | 28.538 | 27.264 | 25.99 | 4.67 | 4.67 | |
| 3 | 27.202 | 26.006 | 24.81 | 4.6 | 4.6 | |
| 4 | 25.938 | 24.815 | 23.692 | 4.53 | 4.53 | |
| 5 | 24.742 | 23.687 | 22.632 | 4.45 | 4.45 | |
| 6 | 23.61 | 22.619 | 21.628 | 4.38 | 4.38 | |
| 7 | 22.538 | 21.607 | 20.676 | 4.31 | 4.31 | |
| 8 | 21.522 | 20.647 | 19.772 | 4.24 | 4.24 | |
| 9 | 20.559 | 19.737 | 18.915 | 4.16 | 4.16 | |
| 10 | 19.646 | 18.874 | 18.102 | 4.09 | 4.09 | |
| 11 | 18.779 | 18.054 | 17.329 | 4.02 | 4.02 | |
| 12 | 17.958 | 17.276 | 16.594 | 3.95 | 3.95 | |
| 13 | 17.177 | 16.537 | 15.897 | 3.87 | 3.87 | |
| 14 | 16.436 | 15.834 | 15.232 | 3.8 | 3.8 | |
| 15 | 15.731 | 15.166 | 14.601 | 3.73 | 3.73 | |
| 16 | 15.061 | 14.53 | 13.999 | 3.65 | 3.65 | |
| 17 | 14.424 | 13.925 | 13.426 | 3.58 | 3.58 | |
| 18 | 13.817 | 13.349 | 12.881 | 3.51 | 3.51 | |
| 19 | 13.24 | 12.8 | 12.36 | 3.44 | 3.44 | |
| 20 | 12.69 | 12.277 | 11.864 | 3.36 | 3.36 | |
| 21 | 12.166 | 11.778 | 11.39 | 3.29 | 3.29 | |
| 22 | 11.666 | 11.302 | 10.938 | 3.22 | 3.22 | |
| 23 | 11.189 | 10.848 | 10.507 | 3.15 | 3.15 | |
| 24 | 10.734 | 10.414 | 10.094 | 3.07 | 3.07 | |
| 25 | 10.3 | 10 | 9.7 | 3 | 3 | |
| 26 | 9.898 | 9.604 | 9.31 | 3.06 | 3.06 | |
| 27 | 9.514 | 9.226 | 8.938 | 3.13 | 3.13 | |
| 28 | 9.147 | 8.864 | 8.581 | 3.19 | 3.19 | |
| 29 | 8.796 | 8.519 | 8.242 | 3.25 | 3.25 | |
| 30 | 8.459 | 8.188 | 7.917 | 3.31 | 3.31 | |
| 31 | 8.137 | 7.871 | 7.605 | 3.38 | 3.38 | |
| 32 | 7.828 | 7.568 | 7.308 | 3.44 | 3.44 | |
| 33 | 7.532 | 7.277 | 7.022 | 3.5 | 3.5 | |
| 34 | 7.248 | 6.999 | 6.75 | 3.56 | 3.56 | |
| 35 | 6.977 | 6.733 | 6.489 | 3.63 | 3.63 | |
| 36 | 6.716 | 6.477 | 6.238 | 3.69 | 3.69 | |
| 37 | 6.466 | 6.232 | 5.998 | 3.75 | 3.75 | |
| 38 | 6.227 | 5.998 | 5.769 | 3.81 | 3.81 | |
| 39 | 5.997 | 5.773 | 5.549 | 3.88 | 3.88 | |
| 40 | 5.776 | 5.557 | 5.338 | 3.94 | 3.94 | |
| 41 | 5.564 | 5.35 | 5.136 | 4 | 4 | |

| R25=10KΩ±3% B25/50=3700K±3% | | | | | |
|-----------------------------|-------|----------------|-------|---------------|--------|
| Temp (°C) | Rmax | Resistance(KΩ) | | % Resist.tol) | |
| | | R(t)Normal | Rmin | MAX(+) | MIN(-) |
| 42 | 5.36 | 5.151 | 4.942 | 4.06 | 4.06 |
| 43 | 5.166 | 4.961 | 4.756 | 4.13 | 4.13 |
| 44 | 4.978 | 4.778 | 4.578 | 4.19 | 4.19 |
| 45 | 4.799 | 4.603 | 4.407 | 4.25 | 4.25 |
| 46 | 4.625 | 4.434 | 4.243 | 4.31 | 4.31 |
| 47 | 4.46 | 4.273 | 4.086 | 4.38 | 4.38 |
| 48 | 4.301 | 4.118 | 3.935 | 4.44 | 4.44 |
| 49 | 4.148 | 3.969 | 3.79 | 4.5 | 4.5 |
| 50 | 4.001 | 3.826 | 3.651 | 4.56 | 4.56 |
| 51 | 3.86 | 3.689 | 3.518 | 4.63 | 4.63 |
| 52 | 3.724 | 3.557 | 3.39 | 4.69 | 4.69 |
| 53 | 3.594 | 3.431 | 3.268 | 4.75 | 4.75 |
| 54 | 3.468 | 3.309 | 3.15 | 4.81 | 4.81 |
| 55 | 3.349 | 3.193 | 3.037 | 4.88 | 4.88 |
| 56 | 3.233 | 3.081 | 2.929 | 4.94 | 4.94 |
| 57 | 3.123 | 2.974 | 2.825 | 5 | 5 |
| 58 | 3.015 | 2.87 | 2.725 | 5.06 | 5.06 |
| 59 | 2.913 | 2.771 | 2.629 | 5.13 | 5.13 |
| 60 | 2.815 | 2.676 | 2.537 | 5.19 | 5.19 |
| 61 | 2.721 | 2.585 | 2.449 | 5.25 | 5.25 |
| 62 | 2.63 | 2.497 | 2.364 | 5.31 | 5.31 |
| 63 | 2.543 | 2.413 | 2.283 | 5.38 | 5.38 |
| 64 | 2.459 | 2.332 | 2.205 | 5.44 | 5.44 |
| 65 | 2.379 | 2.255 | 2.131 | 5.5 | 5.5 |
| 66 | 2.301 | 2.18 | 2.059 | 5.56 | 5.56 |
| 67 | 2.228 | 2.109 | 1.99 | 5.63 | 5.63 |
| 68 | 2.156 | 2.04 | 1.924 | 5.69 | 5.69 |
| 69 | 2.088 | 1.974 | 1.86 | 5.75 | 5.75 |
| 70 | 2.021 | 1.91 | 1.799 | 5.81 | 5.81 |
| 71 | 1.958 | 1.849 | 1.74 | 5.88 | 5.88 |
| 72 | 1.897 | 1.791 | 1.685 | 5.94 | 5.94 |
| 73 | 1.839 | 1.735 | 1.631 | 6 | 6 |
| 74 | 1.782 | 1.68 | 1.578 | 6.06 | 6.06 |
| 75 | 1.728 | 1.628 | 1.528 | 6.13 | 6.13 |

| Temp | (°C) | Resistance(KΩ) | | % Resist.tol) | |
|------|-------|----------------|------------|---------------|--------|
| | | Rmax | R(t)Normal | Rmin | MAX(+) | MIN(-) |
| 76 | 1.676 | 1.578 | 1.48 | 6.19 | 6.19 |
| 77 | 1.626 | 1.53 | 1.434 | 6.25 | 6.25 |
| 78 | 1.578 | 1.484 | 1.39 | 6.31 | 6.31 |
| 79 | 1.531 | 1.439 | 1.347 | 6.38 | 6.38 |
| 80 | 1.486 | 1.396 | 1.306 | 6.44 | 6.44 |
| 81 | 1.443 | 1.355 | 1.267 | 6.5 | 6.5 |
| 82 | 1.401 | 1.315 | 1.229 | 6.56 | 6.56 |
| 83 | 1.362 | 1.277 | 1.192 | 6.63 | 6.63 |
| 84 | 1.323 | 1.24 | 1.157 | 6.69 | 6.69 |
| 85 | 1.285 | 1.204 | 1.123 | 6.75 | 6.75 |
| 86 | 1.249 | 1.169 | 1.089 | 6.81 | 6.81 |
| 87 | 1.214 | 1.136 | 1.058 | 6.88 | 6.88 |
| 88 | 1.181 | 1.104 | 1.027 | 6.94 | 6.94 |
| 89 | 1.148 | 1.073 | 0.998 | 7 | 7 |
| 90 | 1.116 | 1.042 | 0.968 | 7.06 | 7.06 |
| 91 | 1.085 | 1.013 | 0.941 | 7.13 | 7.13 |
| 92 | 1.056 | 0.985 | 0.914 | 7.19 | 7.19 |
| 93 | 1.026 | 0.957 | 0.888 | 7.25 | 7.25 |
| 94 | 0.998 | 0.93 | 0.862 | 7.31 | 7.31 |
| 95 | 0.971 | 0.904 | 0.837 | 7.38 | 7.38 |
| 96 | 0.944 | 0.879 | 0.814 | 7.44 | 7.44 |
| 97 | 0.918 | 0.854 | 0.79 | 7.5 | 7.5 |
| 98 | 0.893 | 0.83 | 0.767 | 7.56 | 7.56 |
| 99 | 0.867 | 0.806 | 0.745 | 7.63 | 7.63 |
| 100 | 0.843 | 0.783 | 0.723 | 7.69 | 7.69 |
| 101 | 0.819 | 0.76 | 0.701 | 7.75 | 7.75 |
| 102 | 0.796 | 0.738 | 0.68 | 7.81 | 7.81 |
| 103 | 0.772 | 0.716 | 0.66 | 7.88 | 7.88 |
| 104 | 0.749 | 0.694 | 0.639 | 7.94 | 7.94 |
| 105 | 0.727 | 0.673 | 0.619 | 8 | 8 |

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■ Just feel well

FLOWLOGIC III HR 1115 - Specifications subject to change without notice. Pictures non contractual. Printed in UE. BSC

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