

# AirTelecom

A **Redundancy** solution  
for **Heating & Cooling**

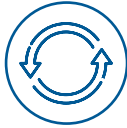


*Protect*  
your electronic equipment efficiently  
with the AirTelecom solution

*Airwell*

# AIRWELL OFFERS YOU *a complete redundancy solution!*

Our solution ensures optimal temperature, reduces failure risks, and optimizes energy efficiency.



**Redundant HVAC units –  
guaranteed 24/7 operation**



**Energy-efficient and  
sustainable solution**



**Designed to protect  
sensitive electronic  
equipment and critical data**

**TELECOM SHELTERS**



**SMALL DATA CENTERS**



**BATTERY STORAGE CENTERS**



**COMMUNICATION EQUIPMENT  
FOR VIDEO SHOTS**



**MEDICAL EQUIPMENT**



**PHARMACEUTICAL PRODUCT  
STORAGE**



## Why is temperature control essential?

In critical environments like telecom shelters, data centers, medical facilities, and energy storage centers, temperature control is more than comfort – it's a necessity. AirTelecom is designed to:

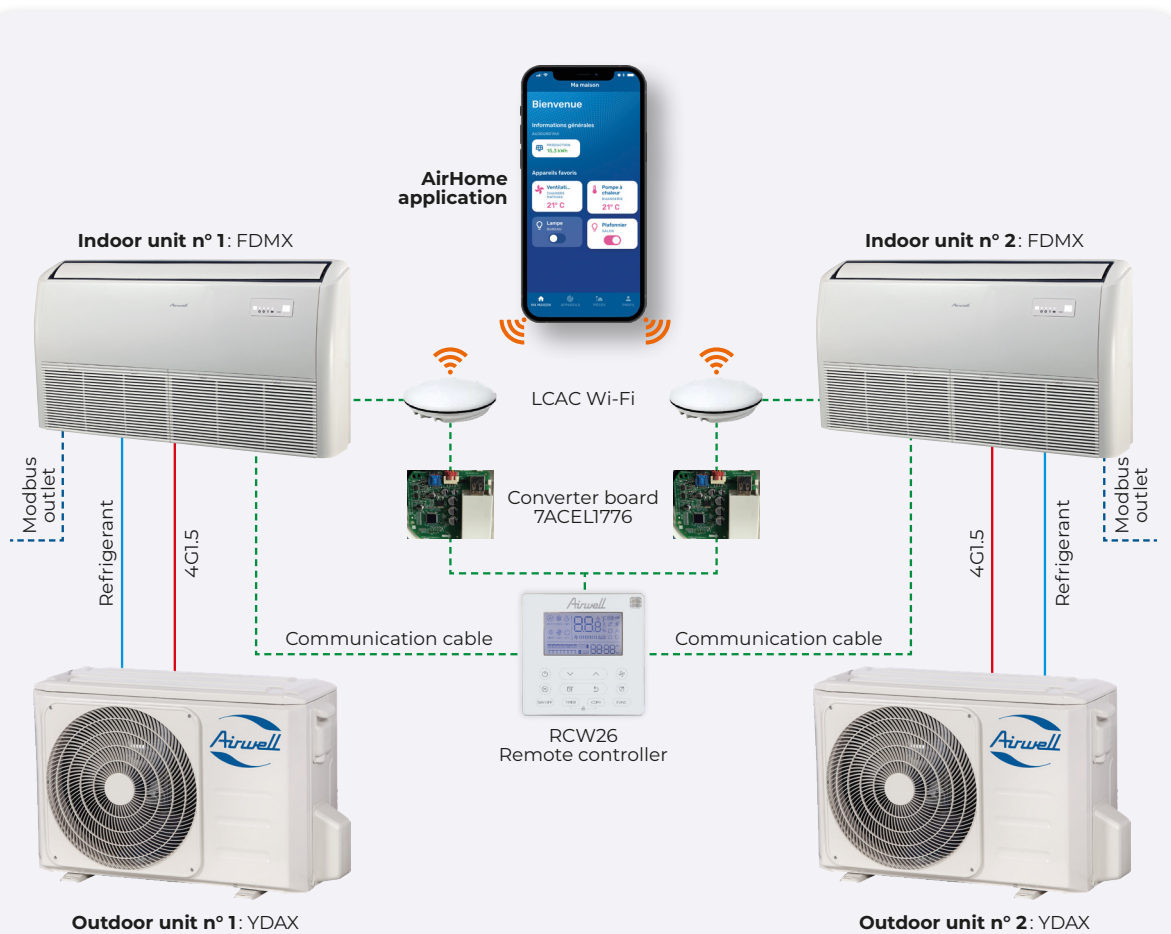
- Prevent overheating of sensitive equipment (servers, batteries, medical devices)
- Ensure 24/7 service continuity, even in extreme conditions
- Extend the lifespan of electronic equipment
- Reduce the risk of failure, data loss, or communication outages
- Optimize energy consumption through product efficiency and monitoring

A stable, well-controlled temperature ensures performance, safety, and reliability for your critical infrastructure.

### Temperature and humidity requirements met:

- ✓ **Optimal temperature:** 18°C - 27°C (ASHRAE)
- ✓ **Relative humidity:** 40% - 60% RH
- ✗ **Temperature > 30°C → Risk of IT equipment failure**
- ✗ **Relative humidity < 30% → Risk of electrostatic discharge**

# AirTelecom



## FUNCTIONS

- **Automatic switchover between AC units** in case one fails.
- Simultaneous operation of both installed units under high temperature conditions.
- Automatic rotation between the two units adjustable from 1 to 24 hours.
- **Automatic restart** in case of power failure.
- Run-time management for each unit.
- **Wide operating range:** outdoor temperature from -15°C to 50°C in cooling mode and -15°C to 24°C in heating mode.

Stay in control at all times – the alarm port immediately alerts you to critical events, while the dry contact offers flexible connectivity for automation and security systems.



**DRY CONTACT:**  
COMPATIBLE WITH  
SMOKE DETECTORS



**BMS COMPATIBLE**



**ALARM OUTPUT**

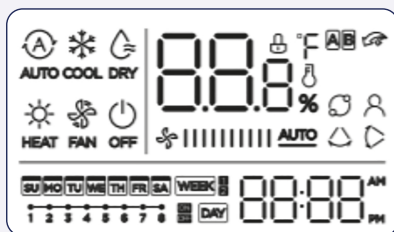


**WI-FI**



**24/7 TEMPERATURE  
MAINTENANCE**

Ref: 7ACEL1876



## User functions



To connect the remote control to FDMX, XDMX, DDMD, and CDMX systems (3.5 kW and 5 kW), you must order one **7ACEL1776** interface per indoor unit.

# RCW26



## DATA VISUALIZATION

- Room temperature
- Evaporator temperature
- Condenser temperature
- Ambient temperature
- Error part numbers

## AUTOMATIC RESTART

- Automatic restart and power-outage memory are built-in functions of this unit.
- After a sudden power failure, it **automatically restarts** the air conditioning units and resumes operation with **predefined settings**.

## MODE SELECTION

- Automatic mode
- Dehumidifier
- Operating mode: summer
- Ventilation
- Operating mode: winter

## REMOTE CONTROL

- With an **integrated infrared receiver**, the RCW26 wired controller can receive remote control signals and perform standard functions

## PARAMETER LOCK

- This function allows the RCW26 wired controller to be locked to prevent erroneous or malicious changes to the settings.
- **Reduces energy consumption**, especially in server rooms.
- **Cold mode lock.**

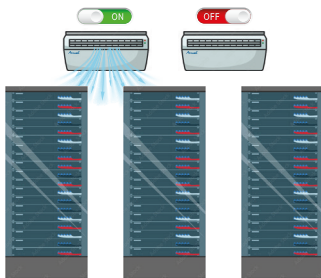
## CONTROLLABILITY

- Controls the units together with the same settings or in redundancy mode via rotation function.

# Three key functions TO ENSURE REDUNDANCY

1

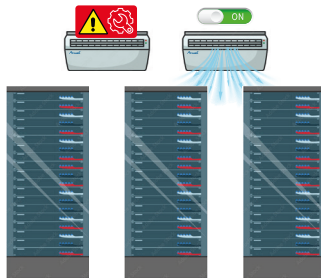
## Alternating operation



Alternating operation between the primary system and the secondary system.

2

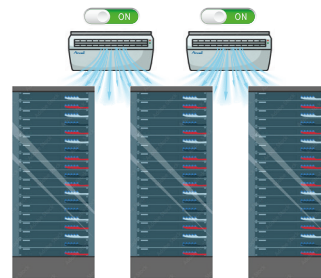
## Backup function



When one system fails, the other automatically starts.

3

## Emergency function



When the temperature exceeds the set threshold, both units turn on simultaneously.

### SMART CONNECTIVITY

#### For optimal telecom infrastructure management

- **Real-time monitoring**  
Instantly track your system's status: temperature, mode, and fan speed from anywhere.
- **Smart and customized control**  
Adjust each HVAC unit's settings individually via an intuitive mobile interface.
- **Energy consumption optimization**  
Monitor your units to ensure optimal system performance.



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App Store

GET IT ON  
Google play

Want to learn more? Contact us for a live demo and discover how AIRTELECOM is revolutionizing thermal management in your premises!

# Compatible indoor units

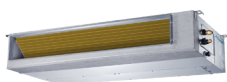


Floor ceiling FDMX



Console XDMX

| INDOOR UNIT                            |       | FDMX-050N-09M25*   | FDMX-070N-09M25* | FDMX-100N-09M25*   | FDMX-100N-09M25*   | FDMX-140N-09M25*   | FDMX-175N-09M25*   | XDMX-035N-09M25* | XDMX-050N-09M25*  |  |
|----------------------------------------|-------|--------------------|------------------|--------------------|--------------------|--------------------|--------------------|------------------|-------------------|--|
| Part number                            |       | 7SP012300          | 7SP012301        | 7SP012302          | 7SP012302          | 7SP012303          | 7SP012304          | 7SP071435        | 7SP071436         |  |
| Phase                                  |       | Single-phase       | Single-phase     | Single-phase       | Three-phase        | Three-phase        | Three-phase        | Single-phase     | Single-phase      |  |
| COOLING                                |       |                    |                  |                    |                    |                    |                    |                  |                   |  |
| Rated power (min./max.)                | kW    | 5.28 (2.71-5.86)   | 7.03 (3.22-7.77) | 10.55 (2.73-11.43) | 10.55 (2.73-11.78) | 14.07 (3.52-15.24) | 15.83 (4.10-16.71) | 3.52 (0.76-4.25) | 4.98 (2.64-5.57)  |  |
| Pdesignc                               | kW    | 5.40               | 7.20             | 10.50              | 10.50              | 14.00              | 15.50              | 3.50             | 5.00              |  |
| Rated power input / EER                | kW    | 1.46/3.70          | 2.44/2.95        | 4.04/2.60          | 4.04/2.60          | 5.00/2.81          | 5.65/2.81          | 1.00/3.52        | 1.50/3.32         |  |
| SEER/Energy label                      |       | 6.2/A++            | 6.1/A++          | 6.4/A++            | 6.2/A++            | 6.1/A++            | 6.1/A++            | 7.3/A++          | 6.7/A++           |  |
| Operating limits                       | °C    | -15°~50°C Dry bulb |                  |                    |                    |                    |                    |                  | -15°~50° Dry bulb |  |
| HEATING                                |       |                    |                  |                    |                    |                    |                    |                  |                   |  |
| Rated power (min./max.)                | kW    | 5.57 (2.42-6.30)   | 7.62 (2.72-8.29) | 11.72 (2.78-12.78) | 11.72 (2.81-12.78) | 16.12 (4.10-17.00) | 18.17 (4.40-19.64) | 3.81 (0.45-4.69) | 5.28 (2.20-6.30)  |  |
| Pdesignh (average climate)             | kW    | 4.00               | 5.50             | 8.60               | 8.60               | 11.20              | 11.90              | 2.60             | 4.00              |  |
| Pdesignh (warmer climate)              | kW    | 5.10               | 5.80             | 10.20              | 10.00              | 11.70              | 12.60              | 3.40             | 5.00              |  |
| Rated power input / COP                | kW    | 1.47/3.79          | 1.85/4.00        | 3.33/3.60          | 3.43/3.50          | 5.10/3.16          | 6.05/3.00          | 0.98/3.88        | 1.42/3.71         |  |
| SCOP/Energy label (average climate)    |       | 4.0/A+             | 4.0/A+           | 4.1/A+             | 4.0/A+             | 3.9/A              | 4.0/A+             | 4.0/A+           | 4.0/A+            |  |
| SCOP/Energy label (warmer climate)     |       | 5.1/A++            | 5.1/A++          | 5.1/A++            | 5.1/A++            | 5.1/A++            | 5.1/A++            | 5.5/A++          | 5.0/A++           |  |
| Operating limits                       | °C    | -15°~24°C Dry bulb |                  |                    |                    |                    |                    |                  | -15°~24° Dry bulb |  |
| Power at -7°C                          | kW    | 4.30               | 5.94             | 9.21               | 9.08               | 11.76              | 12.76              | 3.18             | 4.86              |  |
| Power at -10°C                         | kW    | 4.11               | 5.67             | 8.79               | 8.67               | 11.23              | 12.18              | 3.04             | 4.64              |  |
| Power at -15°C                         | kW    | 3.85               | 5.31             | 8.23               | 8.12               | 10.51              | 11.41              | 2.85             | 4.35              |  |
| INDOOR UNIT                            |       |                    |                  |                    |                    |                    |                    |                  |                   |  |
| Sound pressure level at 1 m (LS/MS/HS) | dB(A) | 37/41/44           | 43/47/51         | 45/48/51.5         | 45/47.5/51         | 46/50/53           | 48/52/55           | 27/34/37         | 32/38/41          |  |
| Sound level                            | dB(A) | 59                 | 55               | 65                 | 65                 | 67                 | 67                 | 54               | 55                |  |
| Airflow (LS/MS/HS)                     | m³/h  | 723/839/958        | 853/1023/1192    | 1504/1728/1955     | 1504/1728/1955     | 1600/1850/2100     | 1650/1950/2200     | 490/580/650      | 600/690/780       |  |
| Dehumidification                       | l/h   | 1.80               | 2.40             | 3.60               | 3.60               | 4.80               | 5.50               | 1.2              | 1.8               |  |
| Outline dimensions (WxHxD)             | mm    | 1068x675x235       | 1068x675x235     | 1650x675x235       | 1650x675x235       | 1650x675x235       | 1650x675x235       | 794x621x200      | 794x621x200       |  |
| Package dimensions (WxHxD)             | mm    | 1145x755x318       | 1145x755x318     | 1725x755x318       | 1725x755x318       | 1725x755x318       | 1725x755x318       | 865x280x719      | 865x280x719       |  |
| Net weight/Gross weight                | kg    | 28/33.4            | 28/33.2          | 41.5/48.1          | 41.5/48.1          | 47.1/48.6          | 42.3/49.3          | 14.9/18.8        | 14.9/18.8         |  |



Ducted DDMX

| INDOOR UNIT                              |       | DDMX-022N-09M25*   | DDMX-035N-09M25* | DDMX-050N-09M25* | DDMX-070N-09M25* | DDMX-090N-09M25*  | DDMX-100N-09M25*   | DDMX-100N-09M25*   | DDMX-140N-09M25*   | DDMX-175N-09M25*   |
|------------------------------------------|-------|--------------------|------------------|------------------|------------------|-------------------|--------------------|--------------------|--------------------|--------------------|
| Part number                              |       | 7SP033069          | 7SP033070        | 7SP033071        | 7SP033072        | 7SP033076         | 7SP033073          | 7SP033073          | 7SP033074          | 7SP033075          |
| Phase                                    |       | Single-phase       | Single-phase     | Single-phase     | Single-phase     | Single-phase      | Single-phase       | Three-phase        | Three-phase        | Three-phase        |
| COOLING                                  |       |                    |                  |                  |                  |                   |                    |                    |                    |                    |
| Rated power (min./max.)                  | kW    | 2.05 (0.31-2.33)   | 3.52 (0.53-3.99) | 5.28 (2.55-5.86) | 7.03 (3.28-8.16) | 8.79 (2.23-9.85)  | 10.55 (2.75-11.14) | 10.55 (2.73-11.78) | 14.07 (3.52-15.53) | 15.24 (4.10-17.29) |
| Pdesignc                                 | kW    |                    | 3.50             | 5.40             | 7.10             | 8.8               | 10.50              | 10.60              | 14.00              | 15.30              |
| Rated power input/EER                    | kW    |                    | 1.06/3.30        | 1.53/3.52        | 2.25/3.15        | 2.50/3.52         | 4.04/2.62          | 3.93/2.70          | 4.80/2.93          | 5.25/2.90          |
| SEER/Energy label                        |       |                    | 6.3/A++          | 6.5/A++          | 6.2/A++          | 6.5/A++           | 6.2/A++            | 6.1/A++            | 6.1/A++            | 6.1/A++            |
| Operating limits                         | °C    | -15°~50°C Dry bulb |                  |                  |                  |                   |                    |                    |                    |                    |
| HEATING                                  |       |                    |                  |                  |                  |                   |                    |                    |                    |                    |
| Rated power (min./max.)                  | kW    | 2.34 (0.62-2.70)   | 3.81 (1.00-4.39) | 5.57 (2.20-6.15) | 7.62 (2.81-8.49) | 9.38 (2.70-10.02) | 11.72 (2.78-12.78) | 11.72 (2.78-12.84) | 16.12 (4.10-18.17) | 18.17 (4.40-20.52) |
| Pdesignh (average climate)               | kW    |                    | 2.70             | 4.30             | 5.40             | 8                 | 8.40               | 8.80               | 8.80               | 12.50              |
| Pdesignh (warmer climate)                | kW    |                    | 3.40             | 5.20             | 6.00             | 8.20              | 9.80               | 10.00              | 11.50              | 12.80              |
| Rated power input/COP                    | kW    |                    | 1.15/3.66        | 1.49/3.75        | 1.73/4.10        | 2.25/4.17         | 3.23/3.71          | 3.23/3.71          | 4.50/3.58          | 5.15/3.52          |
| SCOP/Energy label (average climate)      |       |                    | 4.0/A+           | 4.0/A+           | 4.0/A+           | 4.0/A+            | 4.0/A+             | 4.0/A+             | 4.0/A+             | 4.0/A+             |
| SCOP/Energy label (warmer climate)       |       |                    | 5.1/A+++         | 5.1/A+++         | 5.1/A+++         | 5.1/A+++          | 5.1/A+++           | 5.1/A+++           | 5.0/A++            | 5.1/A+++           |
| Operating limits                         | °C    | -15°~24°C Dry bulb |                  |                  |                  |                   |                    |                    |                    |                    |
| Power at -7°C                            | kW    |                    | 2.98             | 4.45             | 6.13             | 6.46              | 9.11               | 9.18               | 12.89              | 13.27              |
| Power at -10°C                           | kW    |                    | 2.85             | 4.25             | 5.85             | 6.16              | 8.69               | 8.76               | 12.31              | 12.67              |
| Power at -15°C                           | kW    |                    | 2.67             | 3.98             | 5.48             | 5.77              | 8.14               | 8.21               | 11.53              | 11.86              |
| INDOOR UNIT                              |       |                    |                  |                  |                  |                   |                    |                    |                    |                    |
| Sound pressure level at 1 m (LS/MS/HS)   | dB(A) | 23/27/34/40        | 23/29/30/34      | 23/29/30/34      | 27/37/42/40      | 40.5/46/48/50.5   | 42/46/48/49        | 42/46/48/49        | 42/47/49/50        | 47/49/52           |
| Sound level                              | dB(A) | 58                 | 58               | 58               | 62               | 63                | 61                 | 61                 | 66                 | 66                 |
| Airflow (LS/MS/HS)                       | m³/h  | 230/340/500        | 300/480/600      | 515.2/706/911    | 825.1/1035/1229  | 1500/1800/2100    | 1500/1800/2100     | 1500/1800/2100     | 1680/2040/2400     | 1820/2210/2600     |
| External static pressure (standard/max.) | Pa    | 25/0-40            | 25/0-60          | 25/0-100         | 25/0-160         | 37/0-160          | 37/0-160           | 37/0-160           | 50/0-160           | 50/0-160           |
| Dehumidification                         | l/h   | 0.70               | 1.20             | 1.80             | 2.40             | 3.00              | 3.60               | 3.60               | 4.80               | 5.50               |
| Outline dimensions (WxHxD)               | mm    | 700x200x506        | 700x200x506      | 880x210x674      | 1100x249x774     | 1360x249x774      | 1360x249x774       | 1360x249x774       | 1200x300x874       | 1200x300x874       |
| Package dimensions (WxHxD)               | mm    | 860x285x540        | 860x285x540      | 1070x280x725     | 1305x315x805     | 1570x300x805      | 1570x300x805       | 1570x330x805       | 1405x365x915       | 1405x365x915       |
| Net weight/Gross weight                  | kg    | 17.8/25.2          | 17.8/25.2        | 24.4/30.4        | 32.3/39.7        | 40.5/48.3         | 40.5/48.9          | 40.5/48.9          | 47.6/56.5          | 47.4/56.8          |



Ducted DDMD\*\*\*

| INDOOR UNIT                              |       |  | DDMD-025N-09M25     | DDMD-035N-09M25     | DDMD-050N-09M25     | DDMD-070N-09M25     | DDMD-090N-09M25      | DDMD-100N-09M25       | DDMD-100N-09M25        | DDMD-100N-09M25       | DDMD-140N-09M25       | DDMD-175N-09M25       |
|------------------------------------------|-------|--|---------------------|---------------------|---------------------|---------------------|----------------------|-----------------------|------------------------|-----------------------|-----------------------|-----------------------|
| Part number                              |       |  | 7SP033095           | 7SP033096           | 7SP033097           | 7SP033098           | 7SP033099            | 7SP033100             | 7SP033100              | 7SP033101             | 7SP033102             | 7SP033103             |
| Phase                                    |       |  | Single-phase        | Single-phase        | Single-phase        | Single-phase        | Single-phase         | Single-phase          | Three-phase            | Single-phase          | Three-phase           | Three-phase           |
| COOLING                                  |       |  |                     |                     |                     |                     |                      |                       |                        |                       |                       |                       |
| Rated power (min./max.)                  | kW    |  | 2.64<br>(0.35-3.82) | 3.52<br>(0.53-3.91) | 5.28<br>(1.32-6.16) | 7.09<br>(3.23-7.92) | 8.79<br>(2.23-9.97)  | 10.55<br>(2.75-11.73) | 10.55<br>(2.726-11.73) | 12.11<br>(2.93-12.31) | 14.07<br>(3.52-15.83) | 15.24<br>(4.10-17.29) |
| Pdesignc                                 | kW    |  | 2.1                 | 2.7                 | 4.3                 | 5.6                 | 8.0                  | 8.4                   | 8.8                    | 9.5                   | 11.5                  | 12.5                  |
| Rated power input                        | kW    |  | 0.720 (0.14-1.18)   | 1.16 (0.15-1.46)    | 1.59 (0.36-2.13)    | 2.28 (0.75-2.86)    | 2.80 (0.19-3.45)     | 3.95 (0.90-4.30)      | 3.90 (0.89-4.20)       | 4.00 (0.68-4.50)      | 4.70 (0.81-6.15)      | 5.25 (1.03-6.65)      |
| SEER/Energy label                        |       |  | 6.5/A++             | 6.5/A++             | 6.5/A++             | 6.6/A++             | 6.6/A++              | 6.3/A++               | 6.1/A++                | 6.1/A++               | 6.1/A++               | 6.1/A++               |
| Operating limits                         | °C    |  | -15-50              |                     |                     |                     |                      |                       |                        |                       |                       |                       |
| HEATING                                  |       |  |                     |                     |                     |                     |                      |                       |                        |                       |                       |                       |
| Rated power (min./max.)                  | kW    |  | 2.93<br>(0.94-3.48) | 3.81<br>(1.00-4.47) | 6.01<br>(1.50-6.31) | 8.00<br>(2.79-8.56) | 9.38<br>(2.70-10.10) | 11.72<br>(2.78-12.61) | 11.72<br>(2.78-12.84)  | 13.48<br>(3.37-14.07) | 16.12<br>(4.11-17.59) | 18.18<br>(4.40-20.52) |
| Pdesignh (average climate)               | kW    |  | 2.1                 | 2.7                 | 4.3                 | 5.6                 | 8.0                  | 8.4                   | 8.8                    | 9.5                   | 11.5                  | 12.5                  |
| Pdesignh (warmer climate)                | kW    |  | 2.8                 | 3.4                 | 5.2                 | 6.5                 | 8.2                  | 10                    | 10.0                   | 10.2                  | 11.2                  | 12.8                  |
| Rated power input                        | kW    |  | 0.85 (0.29-0.85)    | 1.28 (0.30-1.42)    | 1.61 (0.50-1.85)    | 2.00 (0.64-2.50)    | 2.40 (0.43-2.55)     | 3.25 (0.80-3.95)      | 3.30 (0.78-4.00)       | 3.55 (0.75-4.10)      | 4.60 (0.95-5.70)      | 5.15 (0.95-6.60)      |
| SCOP/Energy label (average climate)      |       |  | 4.1/A+              | 4.1/A+              | 4.1/A+              | 4.2/A+              | 4.2/A+               | 4.1/A+                | 4.0/A+                 | 4.0/A+                | 4.0/A+                | 4.0/A+                |
| SCOP/Energy label (warmer climate)       |       |  | 5.1/A+++            | 5.1/A+++            | 5.1/A+++            | 5.1/A+++            | 5.1/A+++             | 5.1/A+++              | 5.1/A+++               | 5.1/A+++              | 5.1/A+++              | 5.1/A+++              |
| Operating limits                         | °C    |  | -15-24              |                     |                     |                     |                      |                       |                        |                       |                       |                       |
| Power at -07°C                           | kW    |  | 2.41                | 2.93                | 4.86                | 7.29                | 7.59                 | 9.07                  | 8.77                   | 9.89                  | 13.33                 | 14.19                 |
| Power at -10°C                           | kW    |  | 2.3                 | 2.8                 | 4.64                | 6.96                | 7.24                 | 8.66                  | 8.38                   | 9.44                  | 12.73                 | 13.54                 |
| Power at -15°C                           | kW    |  | 2.15                | 2.62                | 4.35                | 6.51                | 6.78                 | 8.11                  | 7.84                   | 8.84                  | 11.92                 | 12.68                 |
| INDOOR UNIT                              |       |  |                     |                     |                     |                     |                      |                       |                        |                       |                       |                       |
| Sound pressure level at 1 m (LS/MS/HS)   | dB(A) |  | 35/33/31            | 35/33/31            | 36.5/34/31          | 33.5/32.5/31        | 39/37/35             | 38/36/33              | 40/37/34               | 39/37.5/36            | 43.5/41.5/39.5        | 44.5/43/41.5          |
| Sound level                              | dB(A) |  | 52                  | 52                  | 53                  | 56                  | 60                   | 62                    | 62                     | 62                    | 64                    | 66                    |
| Airflow (LS/MS/HS)                       | m³/h  |  | 620/540/450         | 660/570/470         | 900/780/650         | 1200/1000/700       | 1500/1200/900        | 1700/1400/1100        | 1700/1400/1100         | 2000/1700/1300        | 2000/1700/1300        | 2200/1900/1500        |
| External static pressure (standard/max.) | Pa    |  | 25/80               | 25/100              | 25/160              | 25/160              | 37/160               | 37/160                | 37/160                 | 50/160                | 50/160                | 50/160                |
| Dehumidification                         | l/h   |  | 0.7                 | 1.2                 | 1.8                 | 2.4                 | 3.0                  | 3.6                   | 3.6                    | 4.8                   | 5.5                   | 5.5                   |
| Outline dimensions (WxHxD)               | mm    |  | 700x506x200         | 700x506x200         | 700x750x245         | 1000x750x245        | 1000x750x245         | 1200x750x245          | 1200x750x245           | 1200x750x245          | 1200x750x245          | 1200x750x300          |
| Package dimensions (WxHxD)               | mm    |  | 860x540x285         | 860x540x285         | 925x850x298         | 1225x860x304        | 1225x860x304         | 1425x860x304          | 1425x860x304           | 1425x860x304          | 1425x860x304          | 1425x860x354          |
| Net weight/Gross weight                  | kg    |  | 16.6/19.8           | 16.6/19.8           | 24.4/29             | 31.8/37.2           | 32.7/38.3            | 38.4/44.4             | 38.4/44.4              | 40.6/46.1             | 40.4/46.8             | 42.9/49.1             |



**Cassette CDMX™**

| INDOOR UNIT                            |  |       | CDMX-035N-09M25*   | CDMX-050N-09M25* | CDMX-070N-09M25  | CDMX-100N-09M25    | CDMX-100N-09M25    | CDMX-140N-09M25    |
|----------------------------------------|--|-------|--------------------|------------------|------------------|--------------------|--------------------|--------------------|
| Part number                            |  |       | 7SP042291          | 7SP042292        | 7SP042293        | 7SP042294          | 7SP042294          | 7SP042295          |
| Phase                                  |  |       | Single-phase       | Single-phase     | Single-phase     | Single-phase       | Three-phase        | Three-phase        |
| COOLING                                |  |       |                    |                  |                  |                    |                    |                    |
| Rated power (min./max.)                |  | kW    | 3.52 (0.85-4.11)   | 5.28 (2.90-5.59) | 7.03 (3.30-7.91) | 10.55 (2.70-11.43) | 10.55 (2.70-11.43) | 14.07 (3.52-15.83) |
| Pdesignch                              |  | kW    | 3.50               | 5.30             | 7.00             | 10.50              | 10.50              | 14.00              |
| Rated power input / EER                |  | kW    | 1.04/3.35          | 1.63/3.24        | 2.43/2.88        | 3.95/2.65          | 3.96/2.65          | 4.65/3.02          |
| SEER/Energy label                      |  |       | 6.6/A++            | 6.3/A++          | 6.2/A++          | 6.7/A++            | 6.3/A++            | 6.1/A++            |
| Operating limits                       |  | °C    | -15°-50°C Dry bulb |                  |                  |                    |                    |                    |
| HEATING                                |  |       |                    |                  |                  |                    |                    |                    |
| Rated power (min./max.)                |  | kW    | 4.10 (0.47-4.31)   | 5.57 (2.37-6.10) | 7.40 (2.81-8.94) | 11.14 (2.78-12.30) | 11.14 (2.78-12.66) | 16.12 (4.10-17.29) |
| Pdesignh (average climate)             |  | kW    | 2.70               | 4.20             | 6.00             | 8.50               | 8.00               | 11.00              |
| Pdesignh (warmer climate)              |  | kW    | 3.30               | 5.40             | 6.30             | 10.10              | 10.10              | 12.00              |
| Rated power input / COP                |  | kW    | 1.10/3.73          | 1.58/3.48        | 1.80/4.10        | 2.96/3.72          | 2.96/3.72          | 4.58/3.52          |
| SCOP/Energy label (average climate)    |  |       | 4.1/A+             | 4.0/A+           | 4.0/A+           | 4.0/A+             | 3.9/A              | 4.0/A+             |
| SCOP/Energy label (warmer climate)     |  |       | 5.1/A+++           | 4.8/A++          | 5.1/A+++         | 5.1/A+++           | 5.1/A+++           | 5.0/A++            |
| Operating limits                       |  | °C    | -15°-50°C Dry bulb |                  |                  |                    |                    |                    |
| Power at -7°C                          |  | kW    | 2.95               | 4.10             | 5.97             | 9.13               | 8.91               | 12.50              |
| Power at -10°C                         |  | kW    | 2.82               | 3.91             | 5.70             | 8.71               | 8.50               | 11.93              |
| Power at -15°C                         |  | kW    | 2.64               | 3.67             | 5.34             | 8.16               | 7.96               | 11.17              |
| INDOOR UNIT                            |  |       |                    |                  |                  |                    |                    |                    |
| Sound pressure level at 1 m (LS/MS/HS) |  | dB(A) | 34/37/42           | 39/44/45         | 42/47/50         | 46/48/51           | 46/48/51           | 48/50/52           |
| Sound level                            |  | dB(A) | 57                 | 59               | 59               | 64                 | 64                 | 66                 |
| Airflow (LS/MS/HS)                     |  | m³/h  | 420/510/590        | 479/584/680      | 992/1118/1247    | 1300/1530/1700     | 1300/1530/1700     | 1600/1750/1900     |
| Dehumidification                       |  | l/h   | 1.50               | 2.00             | 3.00             | 3.80               | 3.80               | 5.50               |
| Outline dimensions (WxHxD)             |  | mm    | 570x260x570        | 570x260x570      | 830x205x830      | 830x245x830        | 830x245x830        | 830x287x830        |
| Package dimensions (WxHxD)             |  | mm    | 662x317x662        | 662x317x662      | 910x250x910      | 910x290x910        | 910x290x910        | 910x330x910        |
| Net weight/Gross weight                |  | kg    | 16.3/20.4          | 16/22.1          | 21.6/25.4        | 27.2/31.2          | 27.2/31.2          | 29.3/33.5          |
| PANEL                                  |  |       |                    |                  |                  |                    |                    |                    |
| Panel dimensions (WxHxD)               |  | mm    | 647x50x647         | 647x50x647       | 950x55x950       | 950x55x950         | 950x55x950         | 950x55x950         |
| Package dimensions (WxHxD)             |  | mm    | 715x123x715        | 715x123x715      | 1035x90x1035     | 1035x90x1035       | 1035x90x1035       | 1035x90x1035       |
| Net weight/Gross weight                |  | kg    | 2.5/4.5            | 2.5/4.5          | 6/9              | 6/9                | 6/9                | 6/9                |
| Panel part number                      |  |       | 7ACVF0566          | 7ACVF0566        | 7ACVF0600        | 7ACVF0600          | 7ACVF0600          | 7ACVF0600          |



**Cassette CDMD™**

| CDMD-025N-09M25    | CDMD-035N-09M25   | CDMD-050N-09M25  |
|--------------------|-------------------|------------------|
| 7SP042306          | 7SP042307         | 7SP042308        |
| Single-phase       | Single-phase      | Single-phase     |
|                    |                   |                  |
| 2.64 (0.36~3.40)   | 3.52 (0.85~4.16)  | 5.28 (2.90~5.59) |
| 2.6                | 3.5               | 5.3              |
| 0.81 (0.14~1.24)   | 1.02 (0.16~1.45)  | 1.55 (0.72~2.04) |
| 6.3/A++            | 6.8/A++           | 6.5/A++          |
| -15°~50°C Dry bulb |                   |                  |
|                    |                   |                  |
| 2.93 (0.45~3.61)   | 3.81 (0.47~4.34)  | 5.57 (2.37~6.10) |
| 2.0                | 2.7               | 4.2              |
| 2.8                | 3.3               | 5.3              |
| 0.95 (0.12~1.29)   | 1.02 (0.13~1.39)  | 1.56 (0.70~1.95) |
| 4.1/A+             | 4.1/A+            | 4.1/A+           |
| 5.1/A+++           | 5.1/A+++          | 5.1/A+++         |
| -15°~24°C Dry bulb |                   |                  |
| 20~24              |                   |                  |
| 2.38               | 2.74              | 4.82             |
| 2.27               | 2.93              | 4.60             |
| 2.13               | 3.07              | 4.31             |
|                    |                   |                  |
| 37/35.5/33/26      | 42/38.5/31.5/25.5 | 44/41/31.5/25    |
| 52                 | 55                | 59               |
| 400/460/500        | 330/520/620       | 300/540/660      |
|                    |                   |                  |
| 570x245x570        | 570x245x570       | 570x245x570      |
| 715x295x640        | 715x295x640       | 715x295x640      |
| 14.6/17.5          | 16.1/18.8         | 16.2/19          |
|                    |                   |                  |
| 620x50x620         | 620x50x620        | 620x50x620       |
| 715x115x700        | 715x115x700       | 715x115x700      |
| 2.7/4.3            | 2.7/4.3           | 2.7/4.3          |
| 7ACVF0608          | 7ACVF0608         | 7ACVF0608        |



**Outdoor unit YDAX**

| OUTDOOR UNIT                  |        | YDAX-025H-09M25   | YDAX-035H-09M25   | YDAX-050H-09M25   | YDAX-070H-09M25   | YDAX-090H-09M25   | YDAX-100H-09M25   | YDAX-100H-09M25   | YDAX-120R-09M25   | YDAX-140R-09M25   | YDAX-175R-09M25   |
|-------------------------------|--------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Part number                   |        | 7SP063240         | 7SP063170         | 7SP063171         | 7SP063254         | 7SP063256         | 7SP063173         | 7SP063174         | 7SP063245         | 7SP063247         | 7SP063249         |
| Sound pressure level at 1 m   | dB(A)  | 53                | 53.6              | 56                | 60                | 59                | 59                | 59                | 61                | 62.5              | 63                |
| Sound level                   | dB(A)  | 63                | 62                | 65                | 68                | 70                | 70                | 70                | 72                | 73                | 74                |
| Airflow                       | m³/h   | 2200              | 2200              | 2100              | 3500              | 3800              | 4000              | 4000              | 4000              | 5600              | 5600              |
| Compressor type               |        | Rotary            | Rotary            | Rotary            | Rotary            | Rotary            | Rotary            | Rotary            | Rotary            | Rotary            | Rotary            |
| Outline dimensions (WxHxD)    | mm     | 765x555x303       | 765x303x555       | 805x330x554       | 890x342x673       | 946x410x810       | 946x410x810       | 946x410x810       | 946x410x810       | 980x375x975       | 980x375x975       |
| Package dimensions (WxHxD)    | mm     | 887x610x337       | 887x337x610       | 915x370x615       | 995x398x740       | 1090x500x885      | 1090x500x885      | 1090x500x885      | 1090x500x885      | 1145x500x1080     | 1145x500x1080     |
| Net weight/Gross weight       | kg     | 24.6/27           | 26.6/29           | 32.5/35.2         | 43.9/46.9         | 66.9/71.5         | 66.9/71.5         | 80.5/85           | 71.0/75.0         | 90/105            | 92/107            |
| <b>POWER SUPPLY</b>           |        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| Phase/Voltage/Frequency       |        | 1Ph/220-240V/50Hz | 1Ph/220-240V/50Hz | 1Ph/220-240V/50Hz | 1Ph/220-240V/50Hz | 1Ph/220-240V/50Hz | 1Ph/220-240V/50Hz | 3Ph/380-415V/50Hz | 1Ph/220-240V/50Hz | 3Ph/380-415V/50Hz | 3Ph/380-415V/50Hz |
| Power supply side             |        | Outdoor           | Outdoor           | Outdoor           | Outdoor           | Outdoor           | Outdoor           | Outdoor           | Outdoor           | Outdoor           | Outdoor           |
| Power cable section           | mm²    | 3C1.5             | 3C1.5             | 3C1.5             | 3C2.5             | 3C4.0             | 3C4.0             | 5C2.5             | 3C4.0             | 5C2.5             | 5C2.5             |
| Fuse rating am                | A      | 16                | 16                | 16                | 20                | 25                | 25                | 16                | 25                | 16                | 16                |
| Electrical connections in/out | mm²    | 4C1.5             | 4C1.5             | 4C1.5             | 4C1.5             | 4C1.5             | 4C1.5             | 4C1.5             | 4C1.5             | 4C1.5             | 4C1.5             |
| <b>PIPE LINE</b>              |        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| Suction pipe diameter         | inches | 3/8"              | 3/8"              | 1/2"              | 5/8"              | 5/8"              | 5/8"              | 5/8"              | 5/8"              | 5/8"              | 5/8"              |
| Liquid pipe diameter          | inches | 1/4"              | 1/4"              | 1/4"              | 3/8"              | 3/8"              | 3/8"              | 3/8"              | 3/8"              | 3/8"              | 3/8"              |
| Max. length                   | m      | 25                | 25                | 30                | 50                | 50                | 75                | 75                | 75                | 75                | 75                |
| Max. height                   | m      | 10                | 10                | 20                | 25                | 25                | 30                | 30                | 30                | 30                | 30                |
| Refrigerant/GWP               |        | R32/675           | R32/675           | R32/675           | R32/675           | R32/675           | R32/675           | R32/675           | R32/675           | R32/675           | R32/675           |
| Charge (5 m)                  | kg     | 0.65              | 0.72              | 1.15              | 1.5               | 2.0               | 2.4               | 2.4               | 2.8               | 2.9               | 3.2               |
| Additional charge             | g/m    | 12                | 12                | 12                | 24                | 24                | 24                | 24                | 24                | 24                | 24                |

## REMOTE CONTROLLER & CONNECTIVITY

| ACCESSORY                                                                               | PART NUMBER | PICTURE | FUNCTION                                                                                                                                                                                      |
|-----------------------------------------------------------------------------------------|-------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Wired remote control RCW26<br>Order of the 7ACEL1776 interface required by indoor unit. | 7ACEL1876   |         | <ul style="list-style-type: none"> <li>Human/machine interface.</li> <li>System status display (uptime, part numbers, errors, failure rate, etc.).</li> <li>Power supply included.</li> </ul> |
| OPTION                                                                                  |             |         |                                                                                                                                                                                               |
| LCAC Wi-Fi accessory***                                                                 | 7ACEL1883   |         | <ul style="list-style-type: none"> <li>Accessory for remote control via AirHome.</li> </ul>                                                                                                   |

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\*\* The CDMX-140N-09M25 model is not Eurovent certified.  
\*\*\* The LCAC Wi-Fi accessory is not compatible with CDMD and DDMD models.



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