



600x600 and 900x900



+ PRODUCTS

- 360° flow.
- Twin application.
- Water pump included.



RC08C (included) RCW11 (optional) RCW20 (optional)

FEATURES

TECHNOLOGY:



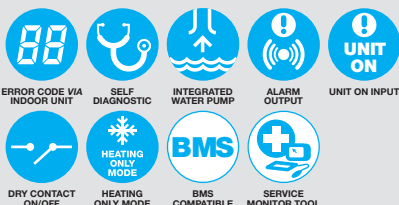
AIR QUALITY/CLEAN:



USER FUNCTIONS:



INSTALLER FUNCTIONS:



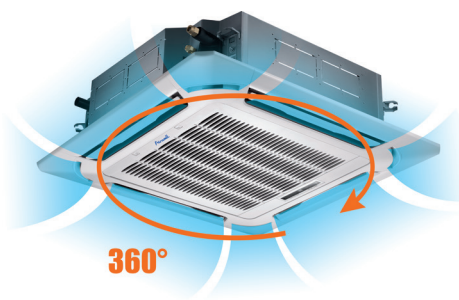
CDM 009-012-018

CDM 024-036-048



- Comfort "I Feel": temperature sensor in RC08C remote control.
- Compatible in monosplit and multisplit.
- Reduced energy consumption using the heating only mode.
- Inventory optimization thanks to a multi-range outdoor unit (YDFA).

360° AIRFLOW WITH ROUND CORNERS



OPTIONS

| Accessory | Part number | Photo | Function |
|--------------------------------------|-----------------------|-------|---|
| Wired single control RCW11 | 7ACEL1774 | | Weekly timer, mode, fan speed, timer On/Off, "I Feel" function, temperature. |
| Wired single control RCW20 + adaptor | 7ACEL1775 + 7ACEL1776 | | Zone control , mode, fan speed, timer On/Off, "I Feel" function, temperature. One adaptor per unit is required (order separately). |
| Central controller RCW21 | 7ACEL1777 | | Central controller . Controls up to 64 indoor units with individual setting failure codes indication, On/Off dry contact, last operation memory. |
| BMS gateway | 7ACEL1708 | | Maximum 1024 units could be connected (16 gateways). |
| Test tool | 7ACEL1710 | | Easy viewing of system parameters, failure records and parameter adjustments. |












CDM TECHNICAL DATA

Multisplit
configuration only

| Indoor unit | | AW-CDM009X-N91 | AW-CDM012-N91 | AW-CDM018-N91 | AW-CDM024-N91 | AW-CDM036-N91 | AW-CDM036-N91 | AW-CDM048-N91 |
|--|--------|-------------------|------------------|------------------|------------------|--------------------|--------------------|--------------------|
| Outdoor unit R32 | | - | AW-YDFA012-H91 | AW-YDFA018-H91 | AW-YDFA024-H91 | AW-YDFA036-H91 | AW-YDFA036-H93 | AW-YDFA048-H93 |
| Phase | | Single phase | Single phase | Single phase | Single phase | Single phase | Three phase | Three phase |
| COOLING | | | | | | | | |
| Rated power (min./max.) | kW | 2.6 (0.8-3.3) | 3.52 (1.52-5.38) | 5.28 (2.9-5.45) | 7.03 (2.23-8.21) | 10.55 (2.64-12.02) | 10.55 (2.64-12.02) | 14.00 (4.76-14.58) |
| Pdesignc | kW | | 3.52 | 5.3 | 7.03 | 10.5 | 10.5 | 14 |
| Rated power input | kW | | 0.850 | 1.633 | 2.190 | 3.750 | 3.950 | 5.130 |
| SEER/Energy label | | | 7.8/A++ | 6.1/A++ | 6.1/A++ | 6.1/A++ | 6.1/A++ | 6.1/A++ |
| Operating limits | °C | -15°/50° Dry bulb | | | | | | |
| HEATING | | | | | | | | |
| Rated power (min./max.) | kW | 2.9 (0.85-3.7) | 4.4 (1.03-5.57) | 5.42 (2.37-6.1) | 7.62 (2.43-8.65) | 11.14 (2.93-13.19) | 11.14 (2.93-13.19) | 16.1 (3.93-16.77) |
| Pdesignh (average climate) | kW | | 3.1 | 4.2 | 5.4 | 8.8 | 8.1 | 11.2 |
| Pdesignh (warmer climate) | kW | | 3.5 | 5.3 | 5.9 | 10.5 | 10.5 | 12.2 |
| Rated power input | kW | | 1.100 | 1.460 | 2.050 | 2.960 | 3.000 | 5.050 |
| SCOP/Energy label (average climate) | | | 4.6/A++ | 4/A+ | 4.0/A+ | 4.0/A+ | 4.0/A+ | 4.0/A+ |
| SCOP/Energy Label (warmer climate) | | | 5.1/A+++ | 4.9/A++ | 5.1/A+++ | 5.1/A+++ | 5.1/A+++ | 5.1/A+++ |
| Operating limits | °C | -15°/24° Dry bulb | | | | | | |
| Power @ -10°C | kW | | 3.56 | 4.39 | 6.17 | 8.99 | 8.99 | 13.04 |
| Power @ -15°C | kW | | 2.90 | 3.58 | 5.03 | 7.33 | 7.33 | 10.63 |
| INDOOR UNIT | | | | | | | | |
| Sound pressure level to 1 m (LS/MS/HS) | dB(A) | 31/34/39 | 33/36/41 | 35/39/42 | 40/43/47 | 46/49/52 | 46/49/52 | 49/50/52 |
| Sound power level | dB(A) | 54 | 56 | 56 | 59 | 61 | 61 | 65 |
| Airflow (LS/MS/HS) | m³/h | 400/504/580 | 416/504/617 | 540/625/720 | 1032/1200/1378 | 1438/1620/1775 | 1438/1620/1775 | 1381/1568/1715 |
| Dehumidification | l/h | 1.2 | 1.5 | 2 | 3 | 3.8 | 4.5 | 5.5 |
| Outline dimensions (WxHxD) | mm | 570x260x570 | 570x260x570 | 570x260x570 | 840x205x840 | 840x245x840 | 840x245x840 | 840x287x840 |
| Package dimensions (WxHxD) | mm | 662x317x662 | 662x317x662 | 662x317x662 | 900x225x900 | 900x265x900 | 900x265x900 | 900x292x900 |
| Net weight/Gross weight | kg | 14.5/17.3 | 16.2/21.4 | 16.2/21.4 | 23/27 | 27.5/31 | 27.5/31 | 29/32.7 |
| Part number | | 7SP042261X | 7SP042262 | 7SP042263 | 7SP042264 | 7SP042265 | 7SP042265 | 7SP042266 |
| FRAME | | | | | | | | |
| Outline dimensions (WxHxD) | mm | 647x50x647 | 647x50x647 | 647x50x647 | 950x55x950 | 950x55x950 | 950x55x950 | 950x55x950 |
| Package dimensions (WxHxD) | mm | 715x123x715 | 715x123x715 | 715x123x715 | 1035x90x1035 | 1035x90x1035 | 1035x90x1035 | 1035x90x1035 |
| Net weight/Gross weight | kg | 2.5/4.5 | 2.5/4.5 | 2.5/4.5 | 5/8 | 5/8 | 5/8 | 5/8 |
| Frame part number | | 7ACVF0566 | 7ACVF0566 | 7ACVF0566 | 7ACVF0564 | 7ACVF0564 | 7ACVF0564 | 7ACVF0564 |
| OUTDOOR UNIT | | | | | | | | |
| Sound pressure level to 1 m | dB(A) | | 55 | 55 | 62 | 65 | 64 | 66 |
| Sound power level | dB(A) | | 62 | 62 | 66 | 68 | 68 | 72 |
| Airflow | m³/h | | 2000 | 2000 | 2700 | 4000 | 4000 | 7500 |
| Compressor type | | | Rotary DCI | Rotary DCI | Rotary DCI | Rotary DCI | Rotary DCI | Rotary DCI |
| Outline dimensions (WxHxD) | mm | | 800x554x333 | 800x554x333 | 845x702x363 | 946x810x410 | 946x810x410 | 952x1333x415 |
| Package dimensions (WxHxD) | mm | | 920x625x390 | 920x615x390 | 965x765x395 | 1090x875x500 | 1090x875x500 | 1095x1480x495 |
| Net weight/Gross weight | kg | | 34.7/37.5 | 33.7/36.6 | 49.4/52.8 | 66.8/73.4 | 81.5/87.0 | 106.7/119.9 |
| Part number | | | 7SP063050 | 7SP063051 | 7SP063052 | 7SP063053 | 7SP063054 | 7SP063055 |
| POWER SUPPLY | | | | | | | | |
| Phase/Voltage/Frequency | | 1P/230V/50Hz | 1P/230V/50Hz | 1P/230V/50Hz | 1P/230V/50Hz | 1P/230V/50Hz | 3P/400V/50Hz | 3P/400V/50Hz |
| Power supply side | | | Outdoor | Indoor & Outdoor | Indoor & Outdoor | Indoor & Outdoor | Indoor & Outdoor | Indoor & Outdoor |
| Power cable section | mm² | | 3x1.5 | 3x1.5+3x2.5 | 3x1.5+3x2.5 | 3x1.5+3x4 | 3x1.5+3x4 | 3x1.5+5x2.5 |
| Fuse rating am (D curve) | A | | 16 | 10+16 | 10+25 | 10+30 | 10+25 | 10+25 |
| Electrical connections | mm² | 4x1.0 | 4x1.5 | 2x0.5 | 2x0.5 | 2x0.5 | 2x0.5 | 2x0.5 |
| PIPE LINE | | | | | | | | |
| Suction pipe diameter | inches | 3/8" | 3/8" | 1/2" | 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" |
| Max. length | m | | 25 | 30 | 50 | 65 | 65 | 65 |
| Max. height | m | | 10 | 20 | 25 | 30 | 30 | 30 |
| Refrigerant/GWP | | | R32/675 | R32/675 | R32/675 | R32/675 | R32/675 | R32/675 |
| Charge (5 m) | kg | | 0.87 | 1.15 | 1.5 | 2.4 | 2.4 | 2.8 |
| Additional charge | g/m | | 12 | 12 | 24 | 24 | 24 | 24 |
| R410A YMD outdoor unit compatible* | | | AWAU-YMD012-H11 | AWAU-YMD018-H11 | AWAU-YMD024-H11 | AWAU-YMD036-H11 | AWAU-YMD036-H13 | AWAU-YMD048-H13 |
| Part number | | | 7SP062970 | 7SP062972 | 7SP062893 | 7SP062895 | 7SP062896 | 7SP062899 |

* Technical specifications - See R410A documentation.

COMBINATIONS

| Indoor unit Cassette | Compatible with outdoor unit | |
|---|---|---|
| | Monosplit | Multisplit |
| CDM 9X  | | YDZC  |
| CDM 12 & 18  | YDFA  | YDZC  |
| CDM 24 & 36  | YDFA  | |
| CDM 48  | YDFA  | |