



**NEW**

## + PRODUCTS

- Wide air diffusion.
- Floor or ceiling installation.
- G1 filter.



RC08C  
included



RCW11  
(optional)

## FEATURES

### TECHNOLOGY:



DC INVERTER



R32 FLUID



ELECTRONIC EXPANSION VALVE



REDUNDANCY FUNCTION

### AIR QUALITY / CLEAN:



AIR FILTER



FRESH AIR

### USER FUNCTIONS:



I FEEL



NIGHT MODE



24 H  
PROGRAMMABLE  
TIMER



RESTART  
(MEMORY)



REMOTE CONTROL  
LOCK

### INSTALLER FUNCTIONS:



ERROR CODE VIA  
INDOOR UNIT



SELF DIAGNOSTIC



LEFT/RIGHT DRAIN  
CONNECTION



ALARM OUTPUT



UNIT ON INPUT



DRY CONTACT  
ON/OFF



WATER PUMP  
CONNECTION  
(OPTIONAL)



BMS COMPATIBLE

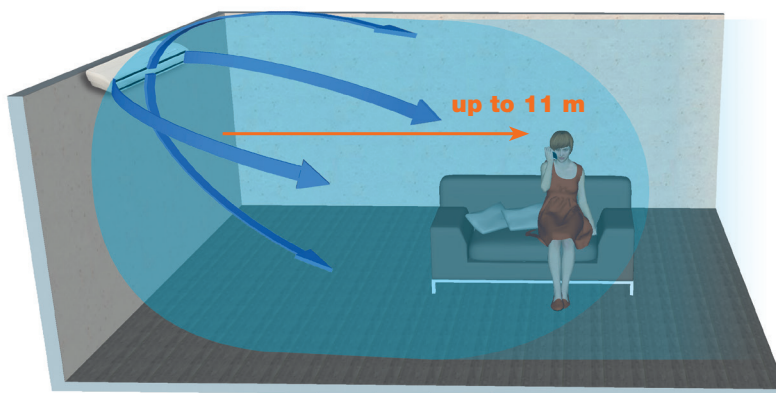


SERVICE MONITOR  
TOOL







- Comfort "I Feel": temperature sensor in RC08C remote control.
- Reduced energy consumption using the hot mode alone.
- Interface dedicated to the installer for commissioning and maintenance (RC08C).
- Compatible with a centralized remote control.
- Inventory optimization thanks to a multi-range outdoor unit (YDFA).

### 4 DIMENSIONAL AIRFLOWS FOR MAXIMUM COMFORT



## OPTIONS

| Accessory   | Part number | Photo  | Function  |
|---|-------------|--|---|
| BMS gateway              | 7ACEL1708   |  | Maximum 1024 units could be connected (16 gateways).                          |
| Test tool for high wall  | 7ACEL1710   |  | Easy viewing of system parameters, failure records and parameter adjustments. |

## FDM TECHNICAL DATA

| Indoor units                           |        | AWSI-FDM024-N11   | AWSI-FDM036-N11    | AWSI-FDM036-N11    | AWSI-FDM048-N11    | AWSI-FDM060-N11   |
|--|--------|-------------------|--------------------|--------------------|--------------------|-------------------|
| Outdoor units                          |        | AWAU-YDFA024-H11  | AWAU-YDFA036-H11   | AWAU-YDFA036-H13   | AWAU-YDFA048-H13   | AWAU-YDFA060-H13  |
| Phase                                  |        | Single phase      | Single phase       | Three phase        | Three phase        | Three phase       |
| <b>COOLING</b>                         |        |                   |                    |                    |                    |                   |
| Rated power (min./max.)                | kW     | 7.03 (3.22-8.29)  | 10.55 (3.93-12.02) | 10.55 (3.93-12.02) | 14.07 (4.96-15.11) | 15.83 (5.28-17.0) |
| Pdesignc                               | kW     | 7.03              | 10.5               | 10.5               | 14.2               | 15.9              |
| Rated power input                      | kW     | 2.190             | 3.800              | 3.750              | 5.500              | 6.063             |
| SEER/Energy label                      |        | 6.1/A++           | 6.1/A++            | 6.1/A++            | 6.1/A++            | 6.1/A++           |
| Operating limits                       | °C     | -15°/50° Dry bulb |                    |                    |                    |                   |
| <b>HEATING</b>                         |        |                   |                    |                    |                    |                   |
| Rated power (min./max.)                | kW     | 7.62 (2.72-8.65)  | 11.14 (2.81-13.48) | 11.14 (2.81-13.95) | 16.12 (3.81-18.07) | 18.17 (4.4-19.64) |
| Pdesignh (average climate)             | kW     | 5.4               | 8.7                | 8.7                | 11.1               | 11.9              |
| Pdesignh (warmer climate)              | kW     | 4.9               | 10.5               | 9.0                | 12.5               | 12.5              |
| Rated power input                      | kW     | 2.050             | 3.040              | 3.000              | 5.050              | 6.036             |
| SCOP/Energy label (average climate)    |        | 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+++          |
| Operating limits                       | °C     | -15°/24° Dry bulb |                    |                    |                    |                   |
| Power @ -10°C                          | kW     | 6.2               | 9.0                | 9.0                | 13.0               | 14.7              |
| Power @ -15°C                          | kW     | 5.0               | 7.3                | 7.3                | 10.6               | 11.9              |
| <b>INDOOR UNIT</b>                     |        |                   |                    |                    |                    |                   |
| Sound pressure level to 1 m (LS/MS/HS) | dB(A)  | 41/46/50          | 42/47/51           | 42/47/51           | 46/50/54           | 42/47/54          |
| Sound power level                      | dB(A)  | 61                | 61                 | 61                 | 66                 | 68                |
| Airflow (LS/MS/HS)                     | m³/h   | 853/1066/1208     | 1431/1844/2160     | 1431/1844/2160     | 1417/1930/2329     | 1426/1834/2454    |
| Dehumidification                       | l/h    | 2.5               | 3.8                | 3.8                | 4.5                | 5.5               |
| Outline dimensions (WxHxD)             | mm     | 1068x235x675      | 1650x235x675       | 1650x235x675       | 1650x235x675       | 1650x235x675      |
| Package dimensions (WxHxD)             | mm     | 1145x313x755      | 1725x313x755       | 1725x313x755       | 1725x313x755       | 1725x313x755      |
| Net weight/Gross weight                | kg     | 26.8/31.9         | 39/45              | 39/45              | 41.2/47.6          | 41.4/47.8         |
| Part number                            |        | 7SP012264         | 7SP012265          | 7SP012265          | 7SP012266          | 7SP012267         |
| <b>OUTDOOR UNIT</b>                    |        |                   |                    |                    |                    |                   |
| Sound pressure level to 1 m            | dB(A)  | 62                | 65                 | 64                 | 66                 | 66                |
| Sound power level                      | dB(A)  | 66                | 68                 | 68                 | 72                 | 74                |
| Airflow                                | m³/h   | 2700              | 4000               | 4000               | 7500               | 7500              |
| Compressor type                        |        | Rotary DCI        | Rotary DCI         | Rotary DCI         | Rotary DCI         | Rotary DCI        |
| Outline dimensions (WxHxD)             | mm     | 845x702x363       | 946x810x410        | 946x810x410        | 952x1333x415       | 952x1333x415      |
| Package dimensions (WxHxD)             | mm     | 965x765x395       | 1090x875x500       | 1090x875x500       | 1095x1480x495      | 1095x1480x495     |
| Net weight/Gross weight                | kg     | 49.4/52.8         | 66.8/73.4          | 81.5/87.0          | 106.7/119.9        | 111.3/124.3       |
| Part number                            |        | 7SP063052         | 7SP063053          | 7SP063054          | 7SP063055          | 7SP063056         |
| <b>POWER SUPPLY</b>                    |        |                   |                    |                    |                    |                   |
| Phase/Tension/Frequency                |        | 1P/230V/50Hz      | 1P/230V/50Hz       | 3P/400V/50Hz       | 3P/400V/50Hz       | 3P/400V/50Hz      |
| Power supply side                      |        | Indoor & Outdoor  | Indoor & Outdoor   | Indoor & Outdoor   | Indoor & Outdoor   | Indoor & Outdoor  |
| Power cable section                    | mm²    | 3x1.5+3x2.5       | 3x1.5+3x4          | 3x1.5+3x4          | 3x1.5+5x2.5        | 3x1.5+5x2.5       |
| Fuse rating am (D curve)               | A      | 10+25             | 10+30              | 10+20              | 10+25              | 10+25             |
| Electrical connections                 | mm²    | 2x0.5             | 2x0.5              | 2x0.5              | 2x0.5              | 2x0.5             |
| <b>PIPE LINE</b>                       |        |                   |                    |                    |                    |                   |
| Suction pipe diameter                  | inches | 5/8"              | 5/8"               | 5/8"               | 5/8"               | 5/8"              |
| Liquid pipe diameter                   | inches | 3/8"              | 3/8"               | 3/8"               | 3/8"               | 3/8"              |
| Max. length                            | m      | 50                | 65                 | 65                 | 65                 | 65                |
| Max. height                            | m      | 25                | 30                 | 30                 | 30                 | 30                |
| Refrigerant / GWP                      |        | R32 / 675         |                    |                    |                    |                   |
| Charge (5 m)                           | kg     | 1.5               | 2.4                | 2.4                | 2.8                | 2.95              |
| Charge additionnelle                   | g/m    | 24                | 24                 | 24                 | 24                 | 24                |

## COMBINATIONS

| Indoor unit   | Compatible with outdoor unit   |
|---|--|
| <b>Floor-ceiling</b><br>FDM 18-24-36<br> | <b>Monosplit</b><br>YDFA 18-24-36<br> |
| FDM 48-60<br>                            | YDFA 48-60<br>                        |