

# Airwell

■ *Just feel well*

**CADE [ ECODESIGN ]**

Cassette 900x900  
mono / DC Inverter

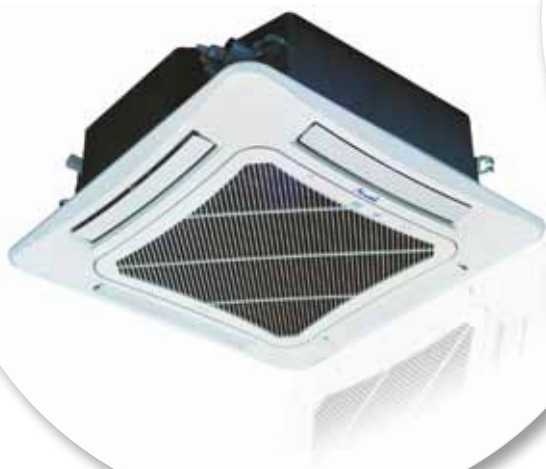
2014 [ EC COMPLY ]



- Cassette line available in capacities from 7 to 16 kW.
- Cooling & heating operation mode.
- DC Inverter and sine wave compressor drive technology.
- "I feel" function with precise room temperature control.
- Available in 3PH from 10 kW.



For CADE 24-30-36



## PRODUCT ADVANTAGES

- > Wired and wireless remote controls provided as standard.
- > Operating in ambient temperature, up to -15°C in heating and -15°C in cooling.
- > Fresh air supplied.
- > Centralized controller up to 16 units including weekly timer (optional).



RC08A



RCWE

[ EC COMPLY ] Comply with ECO Design regulation

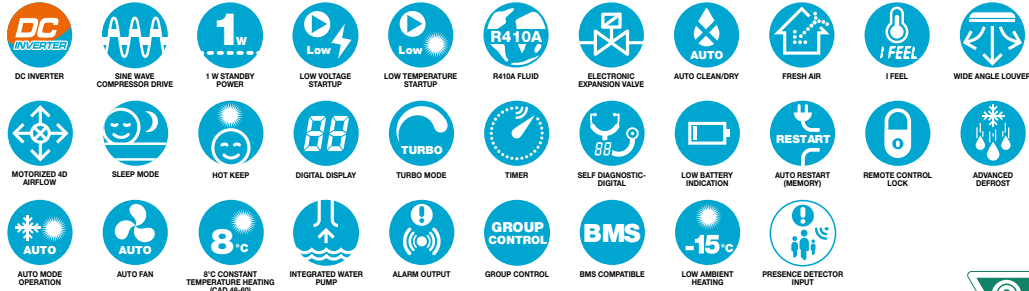
# Airwell Residential

AIRWELL ■ ELECTRA ■ JOHNSON

## CADE

### Cassette 900x900 mono / DC Inverter

2014 [ EC COMPLY ]



RCW4 (option)



### [ TECHNICAL DATA ]

| Indoor units                           |        | AWSI-CADE024-N11  | AWSI-CADE030-N11 | AWSI-CADE036-N11 | AWSI-CAD048-N11  | AWSI-CAD060-N11  |
|--|--------|-------------------|------------------|------------------|------------------|------------------|
| Outdoor units 1~230V - 50 Hz           |        | AWAU-YUDE024-H11  | AWAU-YUDE030-H11 | AWAU-YUDE036-H11 | AWAU-YUD048-H13  | AWAU-YUDA060-H13 |
| Outdoor units 3~400V - 50 Hz           |        |                   |                  | AWAU-YUDE036-H13 | AWAU-YUD048-H13  | AWAU-YUDA060-H13 |
| <b>COOLING</b>                         |        |                   |                  |                  |                  |                  |
| Capacity                               | kW     | 7.0               | 8.5              | 10.0             | 14.0             | 16.0             |
| Pdesignch                              | kW     | 7.0               | 8.5              | 10.0             | 14.0             | 16.0             |
| Input power                            | kW     | 2.18              | 2.60             | 3.20             | 4.37             | 5.30             |
| SEER/Energy Label                      |        | 5.1/A             | 5.1/A            | 5.1/A            | 5.1/A            | 5.1/A            |
| Operating limits                       | °C     | -15°/48° Dry bulb |                  |                  |                  |                  |
| <b>HEATING</b>                         |        |                   |                  |                  |                  |                  |
| Capacity                               | kW     | 7.6               | 9.0              | 11.0             | 15.0             | 17.0             |
| Pdesignch                              | kW     | 6.4               | 7.5              | 9.0              | 12.7             | 14.5             |
| Input power                            | kW     | 2.40              | 2.49             | 3.15             | 4.58             | 5.00             |
| SCOP/Energy Label                      |        | 3.8/A             | 3.8/A            | 3.8/A            | 3.8/A            | 3.8/A            |
| Operating limits                       | °C     | -15°/24° Dry bulb |                  |                  |                  |                  |
| <b>INDOOR UNIT</b>                     |        |                   |                  |                  |                  |                  |
| Sound pressure level to 1 m (LS/MS/HS) | dB(A)  | 48/49/51          | 48/51/53         | 48/51/53         | 48/51/53         | 48/51/53         |
| Sound power level (LS/MS/HS)           | dB(A)  | 58/59/61          | 58/61/63         | 58/61/63         | 58/61/63         | 58/61/63         |
| Airflow (LS/MS/HS)                     | m³/h   | 1050/1150/1250    | 1200/1400/1500   | 1500/1570/1660   | 2000/2100/2200   | 1500/1570/1660   |
| Dehumidification                       | l/h    | 2.5               | 3                | 3.8              | 4.5              | 5                |
| Outline Dimensions (WxHxD)             | mm     | 840x840x240       | 840x840x320      | 840x840x320      | 910x910x293      | 910x910x293      |
| Package Dimensions (WxHxD)             | mm     | 963x963x325       | 963x963x409      | 963x963x409      | 1023x993x375     | 1023x993x375     |
| Net Weight/Gross Weight                | kg     | 27/36             | 32/43            | 32/43            | 44/58            | 44/58            |
| Part number                            |        | 7SP042223         | 7SP042222        | 7SP042221        | 7SP042220        | 7SP042219        |
| <b>FRAME</b>                           |        |                   |                  |                  |                  |                  |
| Outline Dimensions (WxHxD)             | mm     | 952x952x60        | 952x952x60       | 952x952x60       | 1040x1040x65     | 1040x1040x65     |
| Package Dimensions (WxHxD)             | mm     | 1035x1030x118     | 1035x1030x118    | 1035x1030x118    | 1134x1134x125    | 1134x1134x125    |
| Weight                                 | kg     | 7.0/11.0          | 7.0/11.0         | 7.0/11.0         | 7.5/11.5         | 7.5/11.5         |
| Part number Frame                      |        | 7ACVF0555         | 7ACVF0555        | 7ACVF0555        | 7ACVF0556        | 7ACVF0556        |
| <b>OUTDOOR UNIT</b>                    |        |                   |                  |                  |                  |                  |
| Sound pressure level to 1 m            | dB(A)  | 59                | 59               | 61               | 61               | 63               |
| Sound power level                      | dB(A)  | 69                | 69               | 71               | 71               | 73               |
| Airflow                                | m³/h   | 4000              | 4000             | 5300             | 7200             | 7200             |
| Compressor type                        |        | Twin Rotary DCI   | Twin Rotary DCI  | Twin Rotary DCI  | Twin Rotary DCI  | Twin Rotary DCI  |
| Outline Dimensions (WxHxD)             | mm     | 980x790x427       | 980x790x427      | 1107x1100x440    | 1085x1365x427    | 1085x1365x427    |
| Package Dimensions (WxHxD)             | mm     | 1083x855x488      | 1083x855x488     | 1158x1235x493    | 1143x1505x478    | 1143x1505x478    |
| Net Weight/Gross Weight                | kg     | 65/70             | 68/74            | 95/105           | 116/128          | 121/133          |
| Part number 1~230V - 50 Hz             |        | 7SP062807         | 7SP062808        | 7SP062809        |                  |                  |
| Part number 3~400V - 50 Hz             |        |                   |                  | 7SP062810        | 7SP062811        | 7SP062813        |
| <b>POWER SUPPLY 1~230V - 50 HZ</b>     |        |                   |                  |                  |                  |                  |
| Power supply side                      |        | Indoor & Outdoor  | Indoor & Outdoor | Indoor & Outdoor |                  |                  |
| Power cable section                    | mm²    | 3x1.5 - 3x4.0     | 3x1.5 - 3x4.0    | 3x1.5 - 3x4.0    |                  |                  |
| Fuse rating am                         | A      | 10 - 20           | 10 - 25          | 10 - 32          |                  |                  |
| Electrical connections                 | mm²    | 2x0.75            | 2x0.75           | 2x0.75           |                  |                  |
| <b>POWER SUPPLY 3~400V - 50 HZ</b>     |        |                   |                  |                  |                  |                  |
| Power supply side                      |        |                   |                  | Indoor & Outdoor | Indoor & Outdoor | Indoor & Outdoor |
| Power cable section                    | mm²    |                   |                  | 3x1.5 - 5x2.5    | 3x1.5 - 5x4.0    | 3x1.5 - 5x4.0    |
| Fuse rating am                         | A      |                   |                  | 10 - 16          | 10 - 25          | 10 - 25          |
| Electrical connections                 | mm²    |                   |                  | 2x0.75           | 2x0.75           | 2x0.75           |
| <b>PIPE LINE</b>                       |        |                   |                  |                  |                  |                  |
| Suction pipe diameter                  | inches | 5/8"              | 5/8"             | 5/8"             | 5/8"             | 3/4"             |
| Liquid pipe diameter                   | inches | 3/8"              | 3/8"             | 3/8"             | 3/8"             | 3/8"             |
| Max length                             | m      | 30                | 30               | 30               | 50               | 50               |
| Max height                             | m      | 15                | 15               | 15               | 30               | 30               |