



# HKD

## HIGH WALL MONO & MULTISPLIT

**UPGRADE**



- High wall line available in capacities 2.7 up to 6.25 kW.
- -15°C operation in cooling and heating mode.
- A++/A+ class efficiency in cooling – minimum energy consumption.
- Photocatalytic and antibacterial filters as standard.
- “I Feel” function with precise room temperature control.

### PRODUCT ADVANTAGES

- Same indoor unit for multi and single applications.
- Left/right drain connexion.
- Multifan speed in indoor unit.
- Self clean/dry.



### REFRIGERANT LEAKAGE DETECTING ALARM SYSTEM



### ACCESSORIES/OPTIONS

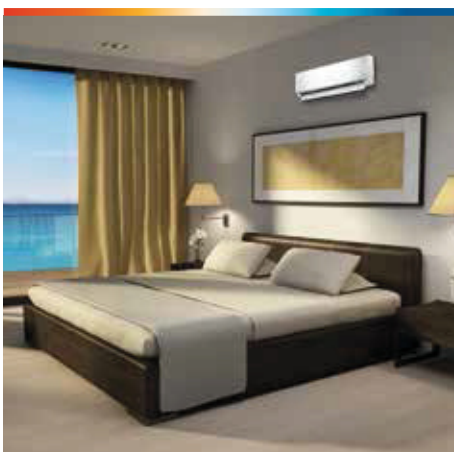
|                            |           |  |                      |   |
|----------------------------|-----------|--|----------------------|---|
| RCW8                       | 7ACEL1706 |  | Wired single control | Mode, fan speed, timer ON/OFF, temperature, swing and "I Feel".                           |
| Test tool for high wall    | 7ACEL1710 |  | Service test tool    | Capability to view system parameters, history, failure records and parameter adjustments. |
| ON-OFF dry contact adaptor | 7ACEL1190 |  |                      | Option to control from remote with the last operation memory.                             |
| Wifi module                |           |  |                      |   |

### FEATURES

## HKD TECHNICAL DATA

| Indoor units                              |        | AWSI-HKD009-N11    | AWSI-HKD012-N11    | AWSI-HKD018-N11    | AWSI-HKD024-N11         |
|---|--------|--------------------|--------------------|--------------------|-------------------------|
| Outdoor units                             |        | AWAU-YKD009-H11    | AWAU-YKD012-H11    | AWAU-YKD018-H11    | AWAU-YKD024-H11         |
| <b>COOLING</b>                            |        |                    |                    |                    |                         |
| Rated capacity                            |        |                    |                    |                    |                         |
| Pdesignnc                                 |        |                    |                    |                    |                         |
| Input power                               | kW     | 0.79               | 1.00               | 1.66               | 2.08                    |
| SEER/Energy label                         |        | 5.8/A+             | 5.8/A+             | 6.5/A++            | 6.2/A++                 |
| Operating limits                          | °C     | -15°/50° Dry bulb  |                    |                    |                         |
| <b>HEATING</b>                            |        |                    |                    |                    |                         |
| Rated capacity                            | kW     | 2.8 (1.0-3.4)      | 3.5 (1.2-4.0)      | 5.1 (1.4-6.4)      | 7.0 (2.5-7.5)           |
| Pdesignnh (average climate)               | kW     | 2.4                | 3.05               | 4.8                | 6.3                     |
| Pdesignnh (warmer climate)                | kW     | 2.7                | 3.8                | 5.1                | 7.0                     |
| Input power                               | kW     | 0.72               | 0.97               | 1.41               | 2.18                    |
| SCOP/Energy label (average climate)       |        | 3.8/A              | 3.8/A              | 3.8/A              | 3.8/A                   |
| SCOP/Energy label (warmer climate)        |        | 4.8/A++            | 4.6/A++            | 4.8/A++            | 4.6/A++                 |
| Operating limits                          | °C     | -15°/30° Dry bulb  |                    |                    |                         |
| Capacity @ -10°C                          | kW     | 2.3                | 2.8                | 3.6                | 4.8                     |
| Capacity @ -15°C                          | kW     | 2.1                | 2.5                | 3.1                | 4.2                     |
| <b>INDOOR UNIT</b>                        |        |                    |                    |                    |                         |
| Sound pressure level to 1 m (VL/LS/MS/HS) | dB(A)  | 24/26/32/37        | 24/26/32/38        | 30/33/37/43        | 34/37/41/47             |
| Sound power level                         | dB(A)  | 58                 | 58                 | 58                 | 64                      |
| Airflow (VL/LS/MS/HS)                     | m³/h   | 390/410/440/540    | 400/430/470/550    | 460/500/580/730    | 650/750/900/1000        |
| Dehumidification                          | l/h    | 1.0                | 1.1                | 1.7                | 2.4                     |
| Outline dimensions (WxHxD)                | mm     | 800x275x188        | 800x275x188        | 940x275x205        | 1045x315x235            |
| Package dimensions (WxHxD)                | mm     | 865x350x265        | 865x350x265        | 1015x350x265       | 1135x315x395            |
| Net weight/Gross weight                   | kg     | 6.5/9.5            | 7.5/9.5            | 9.5/12.5           | 12.2/15.3               |
| Part number                               |        | 7SP022990          | 7SP022991          | 7SP022992          | 7SP022993               |
| <b>OUTDOOR UNIT</b>                       |        |                    |                    |                    |                         |
| Sound pressure level to 1 m               | dB(A)  | 52                 | 53                 | 55                 | 58                      |
| Sound power level                         | dB(A)  | 64                 | 64                 | 65                 | 69                      |
| Airflow                                   | m³/h   | 1800               | 1800               | 2200               | 2700                    |
| Compressor type                           |        | Rotary DC Inverter | Rotary DC Inverter | Rotary DC Inverter | Twin Rotary DC Inverter |
| Outline dimensions (WxHxD)                | mm     | 780x540x250        | 780x540x250        | 760x590x285        | 845x700x320             |
| Package dimensions (WxHxD)                | mm     | 910x585x335        | 910x585x335        | 887x645x355        | 965x755x395             |
| Net weight/Gross weight                   | kg     | 27.5/30            | 27.5/29.5          | 35/37.5            | 46.7/50                 |
| Part number                               |        | 7SP062813          | 7SP062814          | 7SP062815          | 7SP062816               |
| <b>POWER SUPPLY 1~230V - 50 HZ</b>        |        |                    |                    |                    |                         |
| Power supply side                         |        | Indoor             | Indoor             | Indoor             | Outdoor                 |
| Power cable section                       | mm²    | 3x1.5              | 3x1.5              | 3x1.5              | 3x2.5                   |
| Fuse rating                               | A      | 10                 | 10                 | 16                 | 25                      |
| Electrical connections                    | mm²    | 4x1.5              | 4x1.5              | 4x1.5              | 5x2.5                   |
| <b>PIPE LINE</b>                          |        |                    |                    |                    |                         |
| Suction pipe diameter                     | inches | 3/8"               | 3/8"               | 1/2"               | 5/8"                    |
| Liquid pipe diameter                      | inches | 1/4"               | 1/4"               | 1/4"               | 3/8"                    |
| Max length                                | m      | 20                 | 20                 | 20                 | 25                      |
| Max height                                | m      | 8                  | 8                  | 8                  | 10                      |

## AIRWELL SOLUTIONS



| IDU         | Compatible with ODU |            |
|-------------|---------------------|------------|
|             | High wall           | ODU single |
| HKD 9 to 18 | YKD                 | YKZ        |
| HKD 24      | YKD                 |            |