

### Cooling

20,000 Btu/h – 48,500 Btu/h  
5.86 kW – 14.21 kW

### Heating

21,500 Btu/h – 49,000 Btu/h  
6.30 kW – 14.36 kW



## Ceiling Cassette A Series

A5CK 25/30/40/50 AR

### R410a refrigerant

Higher volumetric capacity results in an increased COP when compared to R407C and provides for smaller indoor fan coils and outdoor condensing units by comparison.

### Netware Interface Module (NIM)

The A series is able to communicate with the versatile NIM networking control module and offers the opportunity of one centralised control for a system of multiple indoor units.

*(More information on page 26)*

### Self diagnosis

Both indoor and outdoor LED error code indicators help to simplify the trouble shooting process. If a fault is detected during normal operation, the detect code will indicate the cause.

### Four way air discharge and air swing

Four way air discharge ensures better air distribution and circulation.

### Auto mode

Auto mode allows the setting to change automatically between cool and heat mode depending on the room temperature and the set temperature required.

### Slim & stylish panel

The slim panel can be blended easily into any interior decoration and design.

### Built-in high head drain pump

The unit comes with a built in 700mm high head drain pump. A safety float is incorporated in the drain pump to monitor its water level.



GB Wireless  
(Standard)



Netware III  
(Option)



SLM Wired  
(Option)



AC-5300 Wireless  
(Option for use with  
SLM & Netware III)

# R410A

# Ceiling Cassette A Series Specifications R410A

| MODELS                                  |                 | INDOOR UNIT      | A5CK25AR*                            | A5CK30AR*               |                     | A5CK40AR   |            | A5CK50AR |
|---|-----------------|------------------|--------------------------------------|-------------------------|---------------------|--|------------|----------|
|   |                 | OUTDOOR UNIT     | A5LC25CR                             | A5LC28CR                | A5LC35CR            | A5LC35CR   | A5LC40CR   | A5LC50CR |
| Nominal Cooling Capacity                |                 | W                | 5860                                 | 8210                    | 9090                | 9820   | 11430      | 14210    |
|   |                 | Btu/h            | 20000                                | 28000                   | 31000               | 33500  | 39000      | 48500    |
| Nominal Heating Capacity                |                 | W                | 6300                                 | 8210                    | 9670                | 10110  | 12020      | 14360    |
|   |                 | Btu/h            | 21500                                | 28000                   | 33000               | 34500  | 41000      | 49000    |
| Rated Total Power Consumption (Cooling) |                 | W                | 2003                                 | 2680                    | 2820                | 2880   | 3780       | 5000     |
| Rated Total Power Consumption (Heating) |                 | W                | 2033                                 | 2150                    | 2670                | 2600   | 3290       | 4580     |
| Rated Total Running Current (Cooling)   |                 | A                | 8.9                                  | 12.7                    | 5.3                 | 5.3  | 6.9        | 8.7      |
| Rated Total Running Current (Heating)   |                 | A                | 9.3                                  | 10.6                    | 5.0                 | 5.1  | 6.3        | 8.4      |
| Power Source                            |                 | V/Ph/Hz          | 230 / 1 / 50                         |                         |                     | 380 - 415 / 3 / 50   |            |          |
| Refrigerant / Control                   |                 |                  | R410a Capillary Tube (Outdoor)       |                         |                     | R410a Capillary Tube & TXV (Outdoor)                         |            |          |
| <b>INDOOR UNIT</b>                      |                 |                  |                                      |                         |                     |  |            |          |
| Fan                                     | Airflow         | High             | cfm/L/s                              | 780 / 368               | 880 / 415           | 990 / 467  | 1040 / 491 |          |
|   |                 | Medium           | cfm/L/s                              | 660 / 311               | 740 / 349           | 860 / 406  | 950 / 448  |          |
|   |                 | Low              | cfm/L/s                              | 600 / 283               | 680 / 321           | 760 / 359  | 870 / 411  |          |
| Fan Motor                               |                 |                  | 6 Poles 45W                          | 6 Poles 60W             | 6 Poles 83W         | 6 Poles 120W   |            |          |
| Dimension (With Panel)                  |                 | Height           | mm/in                                | 335 (363) / 13.2 (14.3) |                     |  |            |          |
|   |                 | Width            | mm/in                                | 820 (930) / 32.2 (36.6) |                     |  |            |          |
|   |                 | Depth            | mm/in                                | 820 (930) / 32.2 (36.6) |                     |  |            |          |
| Weight (Unit + Panel)                   |                 | kg/lb            | 32 + 4 / 70.5 + 8.8                  | 35 + 4 / 77.2 + 8.8     | 38 + 4 / 83.8 + 8.8 | 40 + 4 / 88.2 + 8.8  |            |          |
| Sound Pressure Level (H/M/L)            |                 | dBa              | 45 / 42 / 40                         | 49 / 45 / 43            | 51 / 48 / 46        | 53 / 52 / 50   |            |          |
| Control                                 |                 | Room Temperature | Microcomputer Controlled Thermostat  |                         |                     |  |            |          |
|   |                 | Air Discharge    | 4 Way Automatic Louver (Up & Down)   |                         |                     |  |            |          |
|   |                 | Operation        | Wireless or Wired LCD Remote Control |                         |                     |  |            |          |
| Condensate Drain Size                   |                 | mm/in            | 19.05 / 3/4                          |                         |                     |  |            |          |
| Air Filter                              |                 |                  | Washable Saranet                     |                         |                     |  |            |          |
| <b>OUTDOOR UNIT</b>                     |                 |                  |                                      |                         |                     |  |            |          |
| Comp.                                   | Compressor Type |                  | Rotary Hermetic                      |                         |                     | Scroll   |            |          |
|   | Capacitor       | uF               | 50                                   | 45                      | N/a                 |  |            |          |
| Protection Device                       |                 |                  | Overload Protection                  |                         |                     | O.L.P & Phase Protection & Auto Reset HP/ LP Pressure Switch |            |          |
| Dimension                               | Height          | mm/in            | 750 / 29.5                           |                         |                     | 850 / 33.46  |            |          |
|   | Width           | mm/in            | 855 / 33.7                           |                         |                     | 1030 / 40.55   |            |          |
|   | Depth           | mm/in            | 328 / 12.9                           |                         |                     | 400 / 15.75  |            |          |
| Weight                                  | kg / lb         | 62 / 136.7       | 68 / 149.9                           | 95 / 209.4              | 100 / 220.5         | 105 / 251.5  |            |          |
| Sound Pressure Level                    | dBa             | 52               | 54                                   | 58                      | 58                  |  |            |          |
| Pipe                                    | Type            |                  | FLARE                                |                         |                     |  |            |          |
|   | Size            | Liquid           | mm/in                                | 6.35 / 1/4              | 9.52 / 3/8          |  |            |          |
|   |                 | Gas              | mm/in                                | 15.88 / 5/8             | 15.88 / 5/8         |  |            |          |
| Refrigerant Charge                      | kg / lb         | 1.53 / 3.35      | 1.80 / 3.97                          | 1.90 / 4.19             | 1.95 / 4.39         | 3.18 / 7.00  |            |          |

- 1) All specifications are subject to change by the manufacturer without prior notice
- 2) All units are tested and comply with ISO 5151.
- 3) Nominal cooling and heating capacities are based on the conditions below:
  - a) Cooling: +27°C DB / +19°C WB indoor and +35°C DB / +24°C WB Outdoor
  - b) Heating: +20°C DB / +15°C WB indoor and +7°C DB / +6°C WB Outdoor
- 4) Sound pressure levels are according to the JIS B 8615 standard.  
Position of the measurement point is 1.0 m in front and 1.0 m below the unit.



\*These units can be twinned, please refer to the price list for multi-split options.



A5LC 20/25/28 CR  
(Outdoor Unit)



A5LC 35/40/50 CR  
(Outdoor Unit)