

Ceiling Concealed C Series

A5CC 10/15/20/25/30/40/50/60 CR

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.

Auto random restart

If there is a power failure during operation, the unit automatically restarts at the last setting condition when power is resumed.

Micro processor controlled

The microprocessor can control room conditions according to the needs of the user. It's control algorithms can provide protection to the unit components against any fault.

Flexibility

The unit's fan motor can operate at up to 4 speeds therefore providing choices of high external static pressure for designing ducting systems.

Double protection drainage system

The primary drain pan is designed with high thermal insulation for better condensate water drainage. The secondary drain pan provides further protection against possible water leaks.

Network Interface Module (NIM)

The C 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)

Better air distribution

Air is effectively distributed to every corner of the room through ducting. Multiple rooms can be cooled at the same time using one fan coil unit.



SLM Wired
(Standard)



Network III
(Option)



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

R410A

Cooling

9,500 Btu/h - 56,000 Btu/h
2.78 kW - 16.41 kW

Heating

9,500 Btu/h - 57,000 Btu/h
2.78 kW - 16.71 kW



ceiling concealed

A5CC 10/15/20/25 CR

| MODELS | | | INDOOR UNIT | A5CC 10CR | A5CC 10CR | A5CC 20CR* | A5CC 25CR* |
|---|-------------------------|--------|-------------------------------------|--------------------------------|--------------|--------------|--------------|
| | | | OUTDOOR UNIT | A5LC 10CR | A5LC 15CR | A5LC 20CR | A5LC 25CR |
| Nominal Cooling Capacity | W | | | 2780 | 3660 | 5275 | 6155 |
| | Btu/h | | | 9500 | 12500 | 18000 | 21000 |
| Nominal Heating Capacity | W | | | 2780 | 3515 | 5420 | 6450 |
| | Btu/h | | | 9500 | 12000 | 18500 | 22000 |
| Rated Total Power Consumption (Cooling) | W | | | 907 | 1326 | 1714 | 2003 |
| Rated Total Power Consumption (Heating) | W | | | 847 | 1117 | 1644 | 1953 |
| Rated Total Running Current (Cooling) | A | | | 4.1 | 5.9 | 7.6 | 8.9 |
| Rated Total Running Current (Heating) | A | | | 3.8 | 5.3 | 7.4 | 8.8 |
| Power Source | V/Ph/Hz | | | 220-240V / 1 / 50 | | | |
| Refrigerant / Control | | | | R410a Capillary Tube (Outdoor) | | | |
| INDOOR UNIT | | | | | | | |
| Fan | Airflow | High | cfm/L/s | 300 / 142 | 510 / 241 | 700 / 330 | 730 / 345 |
| | | Medium | cfm/L/s | 260 / 123 | 440 / 208 | 680 / 321 | 720 / 340 |
| | | Low | cfm/L/s | 220 / 104 | 360 / 170 | 620 / 293 | 580 / 274 |
| Fan Motor | | | | 4 Poles 30W | 4 Poles 50W | 4 Poles 80W | 4 Poles 100W |
| Dimension | Height | mm/in | | 261 / 10.28 | | | |
| | Width | mm/in | | 765 / 30.12 | | 1065 / 41.93 | 1200 / 47.24 |
| | Depth | mm/in | | 411 / 16.18 | | | |
| Weight | | | kg/lb | 17 / 37.5 | 21 / 46.3 | 22 / 48.5 | 25 / 55.1 |
| Sound Pressure Level (H/M/L) | | | dBa | 33 / 30 / 26 | 37 / 34 / 29 | 38 / 36 / 34 | 40 / 39 / 36 |
| Control | Room Temperature | | Microcomputer Controlled Thermostat | | | | |
| | Air Discharge Operation | | Ducted Wired LCD Remote Control | | | | |
| Condensate Drain Size | | | mm/in | 19.05 / 3/4 | | | |
| Air Filter | | | Washable Saranet Filter | | | | |
| OUTDOOR UNIT | | | | | | | |
| Comp. | Compressor Type | | Rotary | | | | |
| | Capacitor | | uF | 25 | 30 | 50 | |
| | Protection Device | | External Overload Protector | | | | |
| Dimension | Height | mm/in | 540 / 21.3 | | 648 / 25.5 | 750 / 29.5 | |
| | Width | mm/in | 700 / 27.6 | | 855 / 33.7 | | |
| | Depth | mm/in | 250 / 9.8 | | 328 / 12.9 | | |
| Weight | | | kg / lb | 32 / 70.5 | | 59 / 130.1 | 62 / 136.7 |
| Sound Pressure Level | | | dBa | 46 | 49 | 52 | |
| Pipe | Type | | FLARE | | | | |
| | Size | Liquid | mm/in | 6.35 / 1/4 | | | |
| | | Gas | mm/in | 9.52 / 3/8 | 12.70 / 1/2 | | 15.88 / 5/8 |
| Refrigerant Charge | | | kg | 0.73 | 0.78 | 1.6 | 1.7 |

- All specifications are subject to change by the manufacturer without prior notice
- All units are tested and comply with ISO 5151.
- Nominal cooling and heating capacities are based on the conditions below:
 - Cooling: +27°C DB / +19°C WB indoor and +35°C DB / +24°C WB Outdoor
 - Heating: +20°C DB / +15°C WB indoor and +7°C DB / +6°C WB Outdoor
- 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 multi-split options.



A5LC 10/15 CR
(Outdoor Unit)



A5LC 20/25 CR
(Outdoor Unit)

ceiling concealed

A5CC 30/40/50/60 CR

| MODELS | INDOOR UNIT | | A5CC30CR* | | A5CC40CR | | A5CC50CR | A5CC60CR | |
|---|-------------------|------------|-------------------------------------|--------------|--|--------------|-------------------|-------------------|--------------|
| | OUTDOOR UNIT | | A5LC28CR | A5LC35CR | A5LC35CR | A5LC40CR | A5LC50CR | A5LC61CR | |
| Nominal Cooling Capacity | W | | 7770 | 8790 | 9670 | 11140 | 13770 | 16410 | |
| | Btu/h | | 26500 | 30000 | 33000 | 38000 | 47000 | 56000 | |
| Nominal Heating Capacity | W | | 7770 | 9090 | 9960 | 11430 | 14360 | 16710 | |
| | Btu/h | | 26500 | 31000 | 34000 | 39000 | 49000 | 57000 | |
| Rated Total Power Consumption (Cooling) | W | | 2690 | 3085 | 3253 | 3872 | 5344 | 6466 | |
| Rated Total Power Consumption (Heating) | W | | 2332 | 2804 | 2973 | 3494 | 4604 | 5716 | |
| Rated Total Running Current (Cooling) | A | | 12.6 | 7.7 | 8.2 | 9.6 | 9.3 | 9.6 | |
| Rated Total Running Current (Heating) | A | | 11.2 | 7.4 | 7.9 | 8.2 | 8.3 | 8.7 | |
| Power Source | V/Ph/Hz | | 220 - 240 / 1 / 50 | | 380 - 415 / 3 / 50 | | | | |
| Refrigerant / Control | | | R410a Capillary Tube (Outdoor) | | R410a Capillary Tube & TXV (Outdoor) | | | | |
| INDOOR UNIT | | | | | | | | | |
| Fan | Airflow | Super High | cfm/L/s | 1190 / 561 | | 1270 / 599 | | 1400 / 661 | 1760 / 830 |
| | | High | cfm/L/s | 880 / 415 | | 1140 / 538 | | 1280 / 604 | 1700 / 802 |
| | | Medium | cfm/L/s | 780 / 368 | | 910 / 429 | | 1160 / 547 | 1650 / 779 |
| | | Low | cfm/L/s | 650 / 306 | | 780 / 368 | | 1070 / 505 | 1500 / 708 |
| | Fan Motor | | | 4 Poles 320W | | 4 Poles 400W | | 4 Poles 480W | 4 Poles 600W |
| Dimension | Height | mm/in | 350 / 13.8 | | 350 / 13.8 | | | 378 / 14.88 | |
| | Width | mm/in | 1116 / 43.9 | | 1350 / 53.1 | | 1654 / 65.1 | 1658 / 65.28 | |
| | Depth | mm/in | 563 / 22.2 | | 563 / 22.2 | | | 576 / 22.67 | |
| Weight | kg/lb | | 38 / 84 | | 44 / 97 | | 50 / 110 | 62 / 137 | |
| Sound Pressure Level (SH/H/M/L) | dBa | | 47 / 46 / 44 / 40 | | 51 / 49 / 46 / 42 | | 53 / 50 / 49 / 48 | 53 / 52 / 49 / 46 | |
| Control | Room Temperature | | Microcomputer Controlled Thermostat | | | | | | |
| | Air Discharge | | Ducted | | | | | | |
| | Operation | | Wired LCD Remote Control | | | | | | |
| Condensate Drain Size | mm/in | | 19.05 / 3/4 | | | | | | |
| Air Filter | | | Washable Saranet | | | | | | |
| OUTDOOR UNIT | | | | | | | | | |
| Comp. | Compressor Type | | Roatary Hermetic | | Scroll | | | | |
| | Capacitor | uF | 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 | | 68 / 149.9 | | 95 / 209.4 | 100 / 220.5 | 105 / 231.5 | 108 / 238.14 | |
| Sound Pressure Level | dBa | | 54 | | 58 | | | | |
| Pipe | Type | | FLARE | | | | | | |
| | Size | Liquid | mm/in | 9.52 / 3/8 | | | | | |
| | | Gas | mm/in | 15.88 / 5/8 | | | | | 19.05 / 3/4 |
| Refrigerant Charge | kg / lb | | 1.80 / 3.97 | 1.90 / 4.19 | 1.95 / 4.39 | 2.90 / 6.39 | 3.40 / 7.39 | | |

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A5LC 28 CR
(Outdoor Unit)



A5LC 35/40/50/61 CR
(Outdoor Unit)