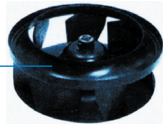


Cassette Ceiling Mounted Split System CCA 12-48 AM Range



3 Dimension Screw Fan
High Efficiency
Low Noise



Standard Features

- | | |
|---|--|
| R 410A HIGH EFFICIENCY SPLIT SYSTEM | COMPACT RANGE FITS INTO 600 X 600 CEILING TILE |
| 500MM DRAIN PUMP & SAFETY FLOAT SWITCH | SELF DIAGNOSTIC FUNCTION |
| 4 WAY AIR FLOW WITH MOTORIZED LOUVERS | SWING LOUVERS |
| AUTO RESTART AFTER POWER FAILURE | HIGH EFFICIENCY HEAT EXCHANGER |
| AUTO CHANGE OVER | REMOVABLE & EASY TO CLEAN FRONT PANEL |
| HI & LOW PRESSURE PROTECTION | WIDE ANGLE AIR FLOW |
| LOW NOISE UNIT | LONG PIPE RUNS |
| AUTO FAN SPEED | WASHABLE FILTER |
| SLEEP MODE & PRE HEAT FEATURE | INFRA RED CONTROLLER WITH 24 HR TIMER |
| DEFROST CYCLE ON INDOOR & OUTDOOR COILS | WIRED CONTROLLER - OPTION |
| LOW AMBIENT OPERATION-OPTION | FRESH AIR INTAKE |

airconditioner

CASSETTE CEILING MOUNTED SPLIT AIRCONDITIONING SYSTEM R410-A



CASSETTE - CCA-AM SERIES - (R410A)

MAIN TECHNICAL SPECIFICATIONS

| Model | Indoor unit | | CCA-12-HA1-AM | CCA-18-HA1-AM | CCA-24-HA1-AM | CCA-30-HA1-AM | CCA-36-HA1-AM | CCA-48-HA1-AM | |
|--|--------------|--|-----------------|---------------|---------------|----------------|----------------|----------------|--|
| | Outdoor unit | | CCU-12-HA1-AM | CCU-18-HA1-AM | CCU-24-HA1-AM | CCU-30-HA1-AM | CCU-36-HA3-AM | CCU-48-HA3-AM | |
| Nominal Capacity | Btu/h | | 12000 | 18000 | 24000 | 30000 | 36000 | 48000 | |
| | Kw | | 3.5 | 5.4 | 7.1 | 9.2 | 10.5 | 14 | |
| Input Power | Kw | | 1.165 | 1.9 | 2.51 | 3.27 | 3.7 | 4.7 | |
| | Amp | | 5.3 | 8.8 | 12.2 | 17 | 6.5 | 8.2 | |
| EER | Kw/Kw | | 3 | 2.84 | 2.83 | 2.81 | 2.84 | 2.98 | |
| | Btu/h | | 13000 | 20500 | 27300 | 32000 | 39000 | 52000 | |
| Nominal Capacity | Kw | | 3.8 | 6 | 8 | 9.4 | 11.4 | 15.2 | |
| | Kw | | 1.2 | 1.9 | 2.5 | 3.23 | 3.35 | 4.9 | |
| Rated current | Amp | | 6.8 | 8.8 | 11 | 14.7 | 5.8 | 8.6 | |
| | Kw/Kw | | 3.17 | 3.16 | 3.21 | 2.91 | 3.41 | 3.1 | |
| Energy Label | Cooling | | C | C | C | C | C | C | |
| | Heating | | D | D | C | D | B | D | |
| Annual Energy Consumption - Cooling | KwHr | | 583 | 950 | 1255 | 1635 | 1850 | 2350 | |
| | L/h | | 1.2 | 1.8 | 2.4 | 3 | 3.8 | 4.8 | |
| Moisture Removal | PhV/Hz | | 1/220-240V/50Hz | | | | | | |
| Power supply | Amp | | 8.9 | 11.7 | 15.3 | 21 | 8.5 | 10.7 | |
| Max. Running current | Amp | | 26 | 36.8 | 61 | 97 | 61 | 66 | |
| Max. Starting current | Amp | | | | | | | | |
| INDOOR UNIT | | | | | | | | | |
| Air flow(Hi/Mid/Lo) | Indoor Unit | | CCA-12-HA1-AM | CCA-18-HA1-AM | CCA-24-HA1-AM | CCA-30-HA1-AM | CCA-36-HA1-AM | CCA-48-HA1-AM | |
| | m3/h | | 680/600/400 | 860/760/500 | 1050/900/500 | 1600/1420/1200 | 1600/1420/1200 | 1600/1420/1200 | |
| Noise level (Hi/Mid/Lo) | dB(A) | | 41/38/35 | 44/41/38 | 46/44/42 | 48/46/44 | 48/46/44 | 48/46/44 | |
| | mm | | 580x254x580 | | 840x240x840 | | 840x310x840 | | |
| Net/Gross weight (body) | kg | | 21/30 | | 36/43 | | 40/47 | | |
| | mm | | 650x30x650 | | | 950x40x950 | | | |
| Dimension (WxHxD) (panel) | kg | | 3/5 | | | 6/11 | | | |
| | mm | | | | | | | | |
| OUTDOOR UNIT | | | | | | | | | |
| Air flow | Outdoor Unit | | CCU-12-HA1-AM | CCU-18-HA1-AM | CCU-24-HA1-AM | CCU-30-HA1-AM | CCU-36-HA3-AM | CCU-48-HA3-AM | |
| | m3/h | | 2100 | 2400 | 3000 | 5000 | 5000 | 6000 | |
| Noise level | dB(A) | | 43 | 48 | 55 | 57 | 57 | 58 | |
| | mm | | | ROTARY | | | SCROLL | | |
| Compressor Type | | | | | | | | | |
| | | | | | | | | | |
| Compressor Thermal protector | | | | | | | | | |
| | | | | | | | | | |
| System Protection | | | | | | | | | |
| | | | | | | | | | |
| Net/ Gross weight | mm | | 760x590x285 | 845x695x335 | 895x860x330 | 990x960x360 | | 940x1245x340 | |
| | kg | | 44/48 | 57/62 | 68/70 | 90/102 | | 112/127 | |
| Refrigerant - Precharged Qty - UP to 5 m | grm | | 1120 | 2050 | 2600 | 3450 | 3100 | 4000 | |
| | grm/m | | 30 | 30 | 65 | 90 | 90 | 90 | |
| Add extra grams of refrig. per extra meter | mm(inch) | | 6.35 (1/4) | 6.35 (1/4) | 9.53 (3/8) | 12.7 (1/2) | 12.7 (1/2) | 12.7 (1/2) | |
| | mm(inch) | | 12.7(1/2) | 12.7(1/2) | 16 (5/8) | 19 (3/4) | 19 (3/4) | 19 (3/4) | |
| Gas side | m | | 25 | 25 | 30 | 30 | 30 | 50 | |
| | m | | 15 | 15 | 15 | 20 | 20 | 30 | |
| Max. pipe length | | | | | | | | | |
| | | | | | | | | | |
| Max. difference in level | | | | | | | | | |
| | | | | | | | | | |

Notes:
 1) All capacities are based on: Cooling: indoor 27°C DB, outdoor 35°C DB, 19.5°C WB Heating: indoor 20°C DB, outdoor 7°C DB, 6°C WB
 2) All specifications are subject to change by the manufacturer without prior notice
 3) Energy Label: Scale from A (Highest efficiency) to G (Lowest efficiency)
 4) Annual Energy consumption calculated on average of 500 running hours per year on full load

