

Models / Modelos

MCACE_CR

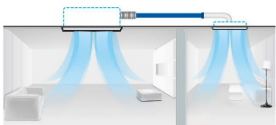


Technical Specifications / Especificaciones Técnicas

| Model | | | MCACE-18CR | MCACE-24CR | MCACE-36CR | MCACE-48CR | MCACE-60CR |
|------------------------------|----------------------------|--------------------|----------------------------|----------------------------|--------------------------|--------------------------|--------------------------|
| Power supply | | V-ph-Hz | 220~230-1-60 | 220~230-1-60 | 220~230-1-60 | 220-1-60 | 220~230-1-60 |
| Cooling | Capacity | Btu/h | 18000 | 24000 | 36000 | 48000 | 60000 |
| | Input | W | 1860 | 2509 | 3889 | 5116 | 5970 |
| | EER | W/W | 2.85 | 2.83 | 2.7 | 2.75 | 2.7 |
| Indoor fan motor | Model | | YDK60-6E | YDK80-6F | YDK90-6F | YDK100-6N | YDK100-6N |
| | Qty | | 1 | 1 | 1 | 1 | 1 |
| | Input | w | 82 / 67 / 53 | 113 / 82 / 58 | 160 / 124 / 95 | 240 / 130 / 105 | 240 / 130 / 105 |
| | Capacitor | uF | 3 | 3.5 | 3.5 | 5 | 5 |
| | Speed (H/M/L) | r/min | 550 / 480 / 410 | 670 / 550 / 420 | 750 / 610 / 500 | 860 / 580 / 490 | 860 / 580 / 490 |
| Indoor coil | Number of rows | | 2 | 2 | 2 | 2 | 3 |
| | Tube pitch x row pitch | mm | 21 x 13.37 | 21 x 13.37 | 21 x 13.37 | 21 x 13.37 | 21 x 13.37 |
| | Fin spacing | mm | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| | Fin type (code) | | Hydrophilic aluminium | Hydrophilic aluminium | Hydrophilic aluminium | Hydrophilic aluminium | Hydrophilic aluminium |
| | Tube outside dia.and type | mm | Φ7,Inner grooved tube | Φ7,Inner grooved tube | Φ7,Inner grooved tube | Φ7,Inner grooved tube | Φ7,Inner grooved tube |
| Coil length x height x width | mm | 1990 x 168 x 26.74 | 1990 x 168 x 26.74 | 1990 x 252 x 26.74 | 1990 x 252 x 26.74 | 2080 x 252 x 40.11 | |
| Number of circuits | | 8 | 8 | 12 | 12 | 12 | |
| Indoor air flow (Hi/Med/Lo) | m ³ /h | 800 / 700 / 600 | 1173 / 1102 / 785 | 1588 / 1480 / 1310 | 1977 / 1705 / 1480 | 1900 / 1300 / 1100 | |
| Sound level (sound pressure) | dB(A) | 43 / 41 / 39 | 48 / 43 / 41 | 51 / 48 / 43 | 55 / 45 / 41 | 52 / 45 / 40 | |
| Throttle type | | Throttle valve | Throttle valve | Throttle valve | Throttle valve | Throttle valve | |
| Indoor unit | Dimension (WxDxH) (body) | mm | 840 x 840 x 230 | 840 x 840 x 230 | 840 x 840 x 300 | 840 x 840 x 300 | 840 x 840 x 300 |
| | Packing (WxDxH) (body) | mm | 900 x 900 x 237 | 900 x 900 x 250 | 900 x 900 x 320 | 900 x 900 x 320 | 900 x 900 x 320 |
| | Dimension (WxDxH) (panel) | mm | 950 x 950 x 55 | 950 x 950 x 55 | 950 x 950 x 55 | 950 x 950 x 55 | 950 x 950 x 55 |
| | Packing (WxDxH) (panel) | mm | 1035 x 1035 x 90 | 1035 x 1035 x 90 | 1035 x 1035 x 90 | 1035 x 1035 x 90 | 1035 x 1035 x 90 |
| | Net / Gross weight (body) | kg | 26 / 29 | 26 / 29 | 30 / 36 | 31 / 36 | 32 / 36 |
| | Net / Gross weight (panel) | kg | 5 / 8 | 5 / 8 | 5 / 8 | 5 / 8 | 6 / 9 |
| Design pressure | MPa | 2.6 / 1.0 | 2.6 / 1.0 | 2.6 / 1.0 | 2.6 / 1.0 | 2.6 / 1.0 | |
| Drainage water pipe dia. | mm | ODΦ32 | ODΦ32 | ODΦ32 | ODΦ32 | ODΦ32 | |
| Refrigerant piping | Liquid side/ Gas side | mm | Φ6.35/Φ12.7 (1/4"/1/2") | Φ9.52/Φ15.9 (3/8"/5/8") | Φ9.52/Φ19 (3/8"/3/4") | Φ9.52/Φ19 (3/8"/3/4") | Φ9.52/Φ19 (3/8"/3/4") |
| Controller | | Remote Control | Remote Control | Remote Control | Remote Control | Remote Control | |
| Operation temperature | °C | 17~30 | 17~30 | 17~30 | 17~30 | 17~30 | |
| Room Temperature | Cooling | °C | 17~32 | 17~32 | 17~32 | 17~32 | 17~32 |
| | Heating | °C | / | / | / | / | / |

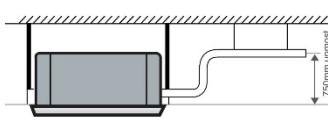
Reserved Air Outlet ▶

Reserves the space for air outlet from the indoor side. It's availed to connect air duct from the four sides to the nearby small rooms.



Build-in Drain Pump ▶

The drain pump can lift the condensing water up to 750mm.



Fresh Air ▶

Air outside can be led into the room via a connection pipe, which keeps the indoor air fresh and healthy.



360°Air Flow Panel ▶

With the 360°air flow panel,the air can be distributed to every corner of the room.

