

Especificación Técnica



Match-It Unidades Interiores Fan & Coil con Gabinete

| Model | | MQFC-174018-CHF216A | | MQFC-174024-CHF216A | | MQFC-174036-CHF216A | | MQFC-174048-CHF216A | | MQFC-174060-CHF216A | | |
|---|-----------------------------|------------------------|-------------------------------------|--------------------------|-------------------------------------|--------------------------|-------------------------------------|--------------------------|-------------------------------------|--------------------------|--------------|--|
| Electrical Data | Power supply | V-Hz-Ph | 220-240-60-1 | | 220-240-60-1 | | 220-240-60-1 | | 220-240-60-1 | | 220-240-60-1 | |
| | Power input ¹ | Cooling | kW 0.07 | | 0.11 | | 0.23 | | 0.25 | | 0.35 | |
| | | Heating | kW 0.07 | | 0.11 | | 0.23 | | 0.25 | | 0.35 | |
| | Input current ¹ | Cooling | A / | | / | | / | | / | | / | |
| | | Heating | A / | | / | | / | | / | | / | |
| | Max. Overcurrent Protection | A | — | | — | | — | | — | | — | |
| | Min/Max Voltage | V | 198/264 | | 198/264 | | 198/264 | | 198/264 | | 198/264 | |
| Power cord spec | mm ² xpcs | 1.00x3 | | 1.00x3 | | 1.00x3 | | 1.00x3 | | 1.00x3 | | |
| Fuse (A) | A | 5 | | 5 | | 5 | | 5 | | 5 | | |
| Sound Pressure Level (H/M/L) ² | dB (A) | 39/36/28 | | 46/44/40 | | 52/48/44 | | 53/49/45 | | 56/54/49 | | |
| Sound Power Level (H/M/L) ² | dB (A) | / | | / | | / | | / | | / | | |
| Refrigerant | Type | R410A | | R410A | | R410A | | R410A | | R410A | | |
| | Control | — | | — | | — | | — | | — | | |
| Air Flow Volume(rated EXP) | CFM | 588.5 | | 823.9 | | 1235.85 | | 1412.4 | | 1766 | | |
| | | m ³ /h 1000 | | 1400 | | 2100 | | 2400 | | 3000 | | |
| | | Pa 25 | | 25 | | 37 | | 50 | | 50 | | |
| External Static Pressure | Rated | InWg 0.1 | | 0.1 | | 0.148 | | 0.2 | | 0.20 | | |
| | | Pa 0-30 | | 0-75 | | 0-100 | | 0-125 | | 0-150 | | |
| | | InWg 0-0.12 | | 0-0.3 | | 0-0.4 | | 0-0.5 | | 0-0.6 | | |
| Fan Motor | Model | — | | FG60A-ZL | | FG250B-ZL | | FG560A-ZL | | FG560A-ZL | | |
| | Drive Type | — | | Direct | | Direct | | Direct | | Direct | | |
| | Speed | rpm 1300/1200/1000/800 | | 1280/1200/1140/960 | | 1380/1350/1200/1050 | | 900/870/800/700 | | 1050/1000/900/800 | | |
| | Power Output | W — | | — | | — | | — | | — | | |
| | Full Load Amp(FLA) | A / | | / | | / | | / | | / | | |
| | Capacitor | uF — | | — | | — | | — | | — | | |
| | Type | — | | Centrifugal | | Centrifugal | | Centrifugal | | Centrifugal | | |
| Evaporator | Quantity | — | | 2 | | 2 | | 2 | | 2 | | |
| | Diameter-Height | inch φ6.1-6.9 | | φ6.3-7.9 | | φ7.70-7.95 | | φ9.25-8.66 | | φ9.25-8.66 | | |
| | Material | — | | Aluminum fin-copper tube | | Aluminum fin-copper tube | | Aluminum fin-copper tube | | Aluminum fin-copper tube | | |
| | Face Area | sq.ft 1.938 | | 2.691 | | 3.337 | | 3.337 | | 3.34 | | |
| | | m ² 0.18 | | 0.25 | | 0.31 | | 0.31 | | 0.31 | | |
| | Pipe Diameter | mm φ7 | | φ7.94 | | φ9.52 | | φ7 | | φ7 | | |
| | Number of rows | — | | 3 | | 3 | | 3 | | 3 | | |
| | Tube pitch(a)x row pitch(b) | mm 19.05x12.7 | | 22.0x19.05 | | 25.4x22.0 | | 19.05x12.7 | | 19.05x12.7 | | |
| | Fins per Inch(FPI) | — | | 14 | | 14 | | 17 | | 17 | | |
| | Fin type | — | | hydrophilic-window | | hydrophilic-window | | hydrophilic-window | | hydrophilic-window | | |
| | Number of circuits | — | | 6 | | 4 | | 12 | | 12 | | |
| Length(L) x Height(H) x Width(W) | mm 718x254x25.4 | | 1000x250x57.15 | | 978x317x66 | | 952x310x62 | | 952x310x62 | | | |
| Operation temp | Cooling | °C ≥16 | | ≥16 | | ≥16 | | ≥16 | | ≥16 | | |
| | Heating | °C ≤30 | | ≤30 | | ≤30 | | ≤30 | | ≤30 | | |
| Drainage Connection Size(Outer DiameterxWall Thickness) | mm φ30x1.5 | | φ20x1.2 | | φ20x1.2 | | φ20x1.2 | | φ20x1.2 | | | |
| System Operation Control | — | | Wireless Controller/Wired Controlle | | Wireless Controller/Wired Controlle | | Wireless Controller/Wired Controlle | | Wireless Controller/Wired Controlle | | | |
| Dimension | Outline dimension (WxDxH) | mm 1037x721x266 | | 1279x558x268 | | 1226x775x290 | | 1340x750x350 | | 1340x750x350 | | |
| | Package dimension (LxWxH) | mm 1123x798x323 | | 1348x597x283 | | 1338x877x305 | | 1423x837x455 | | 1423x837x455 | | |
| Weight | Net Weight | kg 33.0 | | 34.0 | | 46.0 | | 56.0 | | 57.0 | | |
| | Gross Weight | kg 38.0 | | 39.0 | | 53.0 | | 65.0 | | 71.0 | | |
| Loading quantity (within panel) | 20°GP | 96 | | 104 | | 70 | | 50 | | 50 | | |
| | 40°GP | 194 | | 216 | | 147 | | 110 | | 110 | | |
| | 40°HQ | — | | 220 243 | | 168 | | 110 | | 110 | | |
| Panel | Outline dimension (WxDxH) | mm x x | | x x | | x x | | x x | | x x | | |
| | Package dimension (WxDxH) | mm 3x3x15 | | 3x3x15 | | 3x3x15 | | 3x3x15 | | 0x0x0 | | |
| | Net Weight | kg | | — | | — | | — | | — | | |
| | Gross Weight | kg | | — | | — | | — | | — | | |

Note:
 1. The cooling capacity stated above is measured under following conditions :
 Indoor Condition: 27°C (81°F) DB/19°C (66.6°F) WB;
 Outdoor Condition: 35°C (95.4°F) DB/24°C (75.6°F) WB.
 2. Noise is tested in the semi-anechoic room, so it should be slightly higher in the actual Operation due to environmental change.
 3. "1" is tested under standard condition:
 "2" is tested under rated condition according to CE/Eurovent standard.
 4. * Fan different speed