

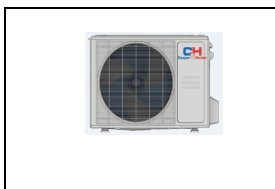
CH28MES230VO

Location: _____
 Engineer: _____
 Submitted to: _____
 Submitted by: _____
 Reference: _____

Approval: _____
 Date: _____
 Construction: _____
 Unit #: _____
 Drawing #: _____

Outdoor unit model **CH28MES230VO**

Certified **UL**



OUTDOOR UNIT DATA

Power supply

Normal Operational Voltage (V, Ph, Hz) 2240
 Voltage Range (V) 11

Electrical

Minimum circuit ampacity (A) ROTARY
 Max.fuse (A) GMCC

Outdoor fan motor

Model 120.00
 Qty -
 Input (W) 1050/900/850
 RLA (A) 2129.41
 Speed (r/min) 61

REFRIGERANT PIPE DATA

Design pressure (PSIG) 3 x Φ 9.52
 Refrigerant Type (Oz) 15
 Refrigerant precharge (ft) 30
 (m) 0.161

Additional charge for each ft- Φ 6.35 (1/4") liquid pipe (oz/ft) 550/340

Additional charge for each ft- Φ 9.52 (3/8") liquid pipe (oz/ft) 3 x 1/4"

Liquid side/ Gas side (inch) 60/30
 (mm) 3 x 3/8"/197

Max. length for all rooms (ft) 15.0
 Max. length for one indoor unit (ft) 10.0

Max. height difference between indoor and outdoor unit (ft) 16AWG*4 Stranded, unshielded

Max. height difference between indoor units (ft) -25~50

OUTDOOR UNIT DATA

Compressor

Model 24293.44
 Type 1895
 Brand -
 Capacity (Btu/h) -
 Input (W) -
 Rated current (RLA) (A) VG74/620
 Refrigerant oil/oil charge (ml) 150.0
 Throttle 1090x500x885

Air flow & Noise level

Outdoor air flow (Max.) (CFM) 946x410x810
 Outdoor noise level [dB(A)] 37.24x16.14x31.89

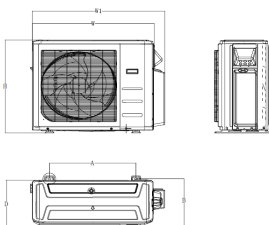
Outdoor unit

Dimension (WxDxH) (inch) 63.4/68.3
 (mm) 42.91x19.69x34.84
 Packing (WxDxH) (inch) 560x139

Net/ Gross weight (lbs.) R410A/2600
 (kg) 22.05x5.47

Outdoor(cooling/heating) (Deg. °F) 33~48/44/96/138
 (Deg. °C) -13~-86/355.21~-516.68

Outdoor unit dimension



| Model | Unit | W | D | H | W1 | A | B |
|---|------|-------|-------|-------|-------|-------|-------|
| M2OP-18HFN1-M | mm | 845 | 363 | 702 | 523 | 540 | 350 |
| | inch | 33.3 | 14.3 | 27.6 | 20.6 | 21.3 | 13.8 |
| M2OA-18HFN1-M | mm | 890 | 342 | 673 | 590 | 603 | 304 |
| | inch | 35.04 | 13.46 | 26.50 | 23.23 | 23.74 | 12.01 |
| M2OH-18HFN1-M M2OP-27HFN1-M M2OH-18HFN1-M M2OH-27HFN1-M M2OH-28HFN1-M | mm | 846 | 410 | 810 | 1034 | 673 | 403 |
| | inch | 37.2 | 16.5 | 31.9 | 40.6 | 26.5 | 15.9 |
| M2OP-36HFN1-M M2OH-36HFN1-M | mm | 846 | 410 | 810 | 1034 | 673 | 403 |
| | inch | 37.2 | 16.5 | 31.9 | 40.6 | 26.5 | 15.9 |

24V INTERFACE KIT

