EMC181T-CMC181T

Model: Magnum 15 SEER

Job name: ___________________________ Approval: ___________________________
Location: ___________________________ Date: ___________________________
Engineer: ___________________________ Construction: ___________________________
Submitted to: _______________________ Unit #: ___________________________
Submitted by: _______________________ Drawing #: _________________________
Reference: __________________________

Outdoor Unit Power: 230 V - 1 Ph - 60 Hz
Available Voltage Range: 208 - 230 VAC
Fuse Size, Max: 20 A
MCA: 8.45 A

Compressor: Automatic Adjustable Speed/ Rotary
No. Used: 1
Output: 2,600 W
Lubricant Oil: FV/505/PUVE
Fan Type: Axial-flow
Diameter: 20.4 in
Motor Output: 60 W
Airflow rate Cooling/Heating (High): 1883 CFM

Refrigerant: R410A
Outdoor unit: 3.96 lbs 63.36 oz
O.D. Discharge: 1/4 in
O.D. Suction: 1/2 in
Dimensions: H x W x D
Uncrated (in): 27.55 x 37.59 x 15.59
Uncrated (mm): 700 x 955 x 396
Crated (in): 29.05 x 40.51 x 18.50
Crated (mm): 737 x 1029 x 296

Weight
Net: 105 lbs 47.6 kg
Gross Shipping: 110 lbs 49.9 kg

Cooling
Rated Capacity: 18,000 BTU/h
Max. Min Capacity: 20,000 / 7,200 BTU/h
Rated Power Input: 2,600 W
Max. Power Input: 2,600 W
SEER: 15
Outdoor Sound Rating: 56 dB

Heating
Rated Capacity: 23,500 / 7,430 BTU/h
20,000 / 7,200 BTU/h
Rated Power Input: 2,600 W
Max. Power Input: 2,600 W
HSPF: 9
Outdoor Sound Rating: 56 dB

Piping Lengths
Max. piping Length (Total): 82.0 ft
Max. Pipe Height Difference: 32.8 ft
Connection method: (Flared)

Operating Range
Cooling: 64.4°F - 109.4°F
Heating: 19.4°F - 109.4°F

Note: Specifications are based on the following conditions.
Power source of specifications: 230V
Cooling: Indoor temperature of 80°F (26.6°C) DB / 67°F (19.4°C) WB, and outdoor temperature of 95°F (35°C) DB / 75°F (23.9°C) WB.
Heating: Indoor temperature of 70°F (21.1°C) DB / 60°F (15.6°C) WB, and outdoor temperature of 47°F (8.3°C) DB / 43°F (6.1°C) WB.
Pipe length: 16ft. Sin (5m), Height difference: 0 ft. (0m) [Outdoor unit - Indoor unit]
### INDOOR UNIT

**Model:** EMC181T-CMC181T  
**Power:** 230 V - 1 Ph - 60 Hz  
**Available Voltage Range:** 208-230VAC  
**Fan Type:** Cross-flow  
**Motor Output:** 20 W  
**MCA:** 0.32 A  
**Cooling Speed Hi-Lo:** 1500-900 RPM  
**Heating Speed Hi-Lo:** 1500-1050 RPM  
**Sound pressure level:**  
- Cooling Lo-Hi: 36 dB  
- Heating Lo-Hi: 36 dB  
**Airflow rate:**  
- Cooling Lo-Hi: 324-500 CFM  
- Heating Lo-Hi: 324-500 CFM  
**Dimensions:**  
- Uncrated: 11.73 x 37.00 x 7.87 in (298 x 940 x 200 mm)  
- Crated: 15.09 x 39.76 x 11.81 in (377 x 1029 x 296 mm)  
**Weight:**  
- Net: 35.0 lbs 15.8 kg  
- Gross Shipping: 37.5 lbs 17.0 kg

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**Note:** Specifications are based on the following conditions.  
Power source of specifications: 230V  
Cooling: Indoor temperature of 80°F(26.67°C)DB / 67°F(19.44°C)WB, and outdoor temperature of 95°F(35°C)DB/75°F(23.89°C)WB.  
Heating: Indoor temperature of 70°F(21.11°C)DB / 60°F(15.56°C)WB, and outdoor temperature of 47°F(8.33°C)DB/43°F(6.11°C)WB.  
Pipe length: 16ft. Sin (5m), Height difference: 0 ft.(0m) [Outdoor unit - Indoor unit]