Submittal Page
Model: Magnum 16 SEER
EMC120J-CMC120J

Job name: ____________________________
Location: ____________________________
Engineer: ____________________________
Submitted to: _________________________
Submitted by: _________________________
Reference: ____________________________

Approval: ____________________________
Date: _________________________________
Construction: _________________________
Unit #: _______________________________
Drawing #: ____________________________

Outdoor Unit Power
115 V - 1 Ph - 60 Hz
Available Voltage Range 110 - 127 VAC
Fuse Size, Max 30 A
MCA 13 A

Compressor
Automatic Adjustable Speed/ Rotary
No. Used 1
Output 580 W
Lubricant Oil EVCO80
Fan type Axial-flow
Diameter 15.75"
Motor Output 30 W
Airflow rate Cooling/Heating (High) 1055 Cfm

Refrigerant R410A
Outdoor unit 1.98 lb
O.D. Discharge 1/4"
O.D Suction 3/8"

Dimensions
W x H x D
Uncrated (in) 30.55 x 21.25 x 12.6
(mm) 776 x 540 x 320
Crated (in) 33.50 x 23.42 x 14.29
(mm) 851 x 595 x 365

Weight
Net 67 lbs 30.5 kg
Gross Shipping 72 lbs 33 kg

Cooling
Rated Capacity 12 000 BTU/h
Max-Min Capacity 12 500 - 3 800 BTU/h
Rated Power Input 1 185 W
Max. Power Input 1 300 W
SEER 16 BTU/Wh
Outdoor Sound Rating 53 db

Heating
Rated Capacity 12 000 BTU/h
Max-Min Capacity 14 000 - 3 400 BTU/h
Rated Power Input 1 260 W
Max. Power Input 1 350 W
HSPF 9 BTU/Wh
Outdoor Sound Rating 53 db

Piping Lengths
Max. Piping Length (Total) 65.6 ft
Max. Pipe Height Difference 32.8 ft
Connection method (Flared)

Ambient temperature operating range
Cooling -18 to 46 °F
Heating -4 to 75 °F

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]
### INDOOR UNIT

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>EMC120J-CMC120J</td>
</tr>
<tr>
<td>Power</td>
<td>115 V - 1 Ph - 60 Hz</td>
</tr>
<tr>
<td>Available Voltage Range</td>
<td>110 - 127 VAC</td>
</tr>
<tr>
<td>Fan Type</td>
<td>Cross-flow</td>
</tr>
<tr>
<td>Motor Output</td>
<td>20 W</td>
</tr>
<tr>
<td>MCA</td>
<td>0.60 A</td>
</tr>
<tr>
<td>Cooling Speed Hi-Lo</td>
<td>1350 - 800 rpm</td>
</tr>
<tr>
<td>Heating Speed Hi-Lo</td>
<td>1350 - 900 rpm</td>
</tr>
<tr>
<td>Sound pressure level</td>
<td></td>
</tr>
<tr>
<td>Cooling (low)</td>
<td>29 dB</td>
</tr>
<tr>
<td>Heating (low)</td>
<td>29 dB</td>
</tr>
<tr>
<td>Airflow rate</td>
<td></td>
</tr>
<tr>
<td>Cooling Lo-Hi</td>
<td>195 - 400 CFM</td>
</tr>
<tr>
<td>Heating Lo-Hi</td>
<td>195 - 400 CFM</td>
</tr>
<tr>
<td>Dimensions</td>
<td></td>
</tr>
<tr>
<td>Uncrated (in)</td>
<td>33.25 x 11.37 x 6.22</td>
</tr>
<tr>
<td>Crated (in)</td>
<td>36.26 x 14.92 x 11.06</td>
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<tr>
<td>Weight</td>
<td></td>
</tr>
<tr>
<td>Net</td>
<td>23 lbs 10 kg</td>
</tr>
<tr>
<td>Gross Shipping</td>
<td>27 lbs 12.5 kg</td>
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