## Submittal Page

### Model: Magnum 16 SEER

**EMC241J-CMC241J**

<table>
<thead>
<tr>
<th>Job name:</th>
<th>Approval:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location:</td>
<td>Date:</td>
</tr>
<tr>
<td>Engineer:</td>
<td>Construction:</td>
</tr>
<tr>
<td>Submitted to:</td>
<td>Unit #:</td>
</tr>
<tr>
<td>Submitted by:</td>
<td>Drawing #:</td>
</tr>
</tbody>
</table>

### Outdoor Unit Power

- **230 V - 1 Ph - 60 Hz**
- **Available Voltage Range**: 208 - 230VAC
- **Fuse Size**: Max. 20 A
- **MCA**: 10.2 A

### Compressor

- **Automatic Adjustable Speed/ Rotary**
- **No. Used**: 1
- **Output**: 1,440 W
- **Lubricant Oil**: R410A
- **Fan type**: Axial flow
- **Diameter**: 20.4"
- **Motor Output**: 60 W
- **Airflow rate Cooling/ Heating (High)**: 1,883

### Refrigerant

- **Refrigerant**: R410A
- **Outdoor unit**: 4.07 lb
- **O.D. Discharge**: 1/4"
- **O.D. Suction**: 5/8"

### Dimensions

- **W x H x D**
- **Uncrated**: 37.6 x 27.5 x 15.6 (in)
  - (mm) 955 x 700 x 396
- **Crated**: 40.5 x 29.52 x 18.03 (in)
  - (mm) 1029 x 750 x 458

### Weight

- **Net**: 110.25 lbs 50 kg
- **Gross Shipping**: 120.2 lbs 54.5 kg

### Cooling

- **Rated Capacity**: 24,000 BTU/h
- **Max-Min Capacity**: 23,200 - 8,600 BTU/h
- **Rated Power Input**: 2,700 W
- **Max. Power Input**: 2,700 W
- **SEER**: 16 BTU/Wh
- **Outdoor Sound Rating**: 59 db

### Heating

- **Rated Capacity**: 24,000 BTU/h
- **Max-Min Capacity**: 26,000 - 8,600 BTU/h
- **Rated Power Input**: 2,300 W
- **Max. Power Input**: 2,700 W
- **HSPF**: 9 BTU/Wh
- **Outdoor Sound Rating**: 59 db

### Piping Lengths

- **Max. Piping Length (Total)**: 82 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

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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]

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**Mirage Inc.**
6700 Gateway Park Building 6
San Diego, CA 92153
www.mirageappliances.us

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# Submittal Page

**Model: Magnum 16 SEER**

**EMC241J-CMC241J**

## INDOOR UNIT

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Model</strong></td>
<td>EMC241J-CMC241J</td>
</tr>
<tr>
<td><strong>Power</strong></td>
<td>230 V - 1 Ph - 60 Hz</td>
</tr>
<tr>
<td><strong>Available Voltage Range</strong></td>
<td>208 - 230VAC</td>
</tr>
<tr>
<td><strong>Fan</strong></td>
<td>Cross-flow</td>
</tr>
<tr>
<td><strong>Motor Output</strong></td>
<td>30 W</td>
</tr>
<tr>
<td><strong>MCA</strong></td>
<td>0.32 A</td>
</tr>
<tr>
<td><strong>Cooling Speed Hi-Lo</strong></td>
<td>1,250 - 890 rpm</td>
</tr>
<tr>
<td><strong>Heating Speed Hi-Lo</strong></td>
<td>1,150 - 850 rpm</td>
</tr>
<tr>
<td><strong>Sound pressure level</strong></td>
<td></td>
</tr>
<tr>
<td>Cooling (low)</td>
<td>36 dB</td>
</tr>
<tr>
<td>Heating (low)</td>
<td>36 dB</td>
</tr>
<tr>
<td><strong>Airflow rate</strong></td>
<td></td>
</tr>
<tr>
<td>Cooling Lo-Hi</td>
<td>530 - 707 CFM</td>
</tr>
<tr>
<td>Heating Lo-Hi</td>
<td>530 - 707 CFM</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td></td>
</tr>
<tr>
<td>Uncrated (in)</td>
<td>42.44 x 12.81 x 9.72</td>
</tr>
<tr>
<td>Uncrated (mm)</td>
<td>1078 x 325 x 246</td>
</tr>
<tr>
<td>Crated (in)</td>
<td>45.20 x 16.30 x 13.78</td>
</tr>
<tr>
<td>Crated (mm)</td>
<td>1148 x 413 x 350</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td></td>
</tr>
<tr>
<td>Net</td>
<td>37.50 lbs 17.5 kg</td>
</tr>
<tr>
<td>Gross Shipping</td>
<td>45.20 lbs 20.5 kg</td>
</tr>
</tbody>
</table>

**R410a Refrigerant**

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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 72°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. 5in. (5m), Height difference: 0 ft. (0m) [Outdoor unit - Indoor unit]