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**THINK SMART**  
**THINK COOL**  
**THINK MIRAGE**

---

**Job name:**

---

**Location:**

---

**Engineer:**

---

**Submitted to:**

---

**Submitted by:**

---

**Reference:**

---

**Approval:**

---

**Date:**

---

**Construction:**

---

**Unit #:**

---

**Drawing #:**

---

---

### Outdoor Unit Power

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Available Voltage Range</td>
<td>208 - 230 V</td>
</tr>
<tr>
<td>Max Fuse Size</td>
<td>35 A</td>
</tr>
<tr>
<td>Rated Current Amps</td>
<td>18.3 A</td>
</tr>
<tr>
<td>Compressor</td>
<td>Automatic Adjustable speed/Swing</td>
</tr>
<tr>
<td>No. of Compressors</td>
<td>1</td>
</tr>
<tr>
<td>Power Input</td>
<td>2070 W</td>
</tr>
<tr>
<td>Lubricant Oil</td>
<td>ESTER OIL VG74/670</td>
</tr>
</tbody>
</table>

### Fan type

- Axial flow

### Motor Output

- 120 W

### Airflow

- 2943 CFM

### Refrigerant

- R410A

### Total Factory Charge

- 111.1 oz

### O.D. Discharge

- 3/8" (in)

### O.D. Suction

- 5/8" (in)

### Dimensions

<table>
<thead>
<tr>
<th>H x W x D</th>
<th>Uncrated</th>
<th>Crated</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>37.24 x 16.14 x 31.89</td>
<td>42.91 x 19.69 x 34.45</td>
</tr>
</tbody>
</table>

---

**Weight**

<table>
<thead>
<tr>
<th>Type</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Net</td>
<td>145.5/155.1 lbs</td>
</tr>
</tbody>
</table>

### Cooling

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated Capacity</td>
<td>36,000 BTU/h</td>
</tr>
<tr>
<td>Max-Min Capacity</td>
<td>48,960 - 15,480 BTU/h</td>
</tr>
<tr>
<td>Rated Power Output</td>
<td>4,207 W</td>
</tr>
<tr>
<td>Max. Power Input</td>
<td>5,889 W</td>
</tr>
<tr>
<td>SEER</td>
<td>16 BTU/Wh</td>
</tr>
<tr>
<td>Outdoor Sound Rating</td>
<td>60 dB</td>
</tr>
</tbody>
</table>

### Heating

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated Capacity</td>
<td>36,000 BTU/h</td>
</tr>
<tr>
<td>Max-Min Capacity</td>
<td>48,960 - 15,480 BTU/h</td>
</tr>
<tr>
<td>Rated Power Input</td>
<td>3,870 W</td>
</tr>
<tr>
<td>Max. Power Input</td>
<td>5,621 W</td>
</tr>
<tr>
<td>HSPF</td>
<td>9</td>
</tr>
<tr>
<td>Outdoor Sound Rating</td>
<td>60 dB</td>
</tr>
</tbody>
</table>

### Piping Lengths

- Max. Pipe Length (Total): 25 ft

### Ambient Temperature Operating Range

- **Cooling:** 5 - 122 °F
- **Heating:** 5 - 86 °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(6.33°C)/DB/43°F(6.11°C)/WB.  
Pipe length: 25 ft. 5in.(5m), Height difference: 0 ft. (0m) [Outdoor unit - Indoor unit]
**INDOOR UNIT**

| Model       | Model: Viride  
|-------------|---------------
| IVIH361A    | IVIH361A      
| Power       | 220 V         
| Available Voltage Range | 208 - 230 V 
| Fan         | Cross-flow    
| Motor Output | 58 W         
| Speed Hi-Med-Lo | 1200/1050/750 RPM 
| Airflow rate | Speed Hi-Med-Lo | 824/589/412 CFM 
| Dimensions  | H x W x D      
| Uncrated   | 49.57 x 11.10 x 14.25 (in) 
| Crated     | 52.76 x 17.72 x 14.96 (in) 
| Weight     | Net Gross     
|            | 39.7/62.2 lbs |

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**HVAC Mirage**  
6700 Gateway Park Dr, Unit 6  
San Diego, CA 92154  
www.hvacmirage.us  

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