THINK SMART
THINK COOL
THINK MIRAGE

MODEL: Ventus
IVXH181A-OVXH181A

Job name: __________________________
Location: __________________________
Engineer: __________________________
Submitted to: _______________________
Submitted by: _______________________
Reference: _________________________

Approval: __________________________
Date: _______________________________
Construction: _______________________  
Unit #: ______________________________
Drawing #: __________________________

 Outdoor Unit Power 220 V - 1 Ph - 60 Hz
Available Voltage Range 208 - 230 V
Max Fuse Size 20 A
Rated Current Amps 10.5 A

Compressor Automatic Adjustable speed/Swing
No. of Compressors 1
Power Input 1035 W
Lubricant Oil ESTER OIL VG74/450

Fan type Axial Flow
Motor Output 48 W
Airflow 1470 CFM

Refrigerant R410A
Total Factory Charge 52.9 oz
O.D. Discharge 1/4"
O.D. Suction 1/2"

Dimensions (H x W x D)
Uncrated (in) 31.50 x 13.11 x 21.81
Crated (in) 36.22 x 15.35 x 24.21

Weight
Net 80.5/87.1 lbs

Cooling
Rated Capacity 18,000 BTU/h
Max-Min Capacity 24,100 - 7,560 BTU/h
Rated Power Input 1,635 W
Max. Power Input 2,256 W
SEER 17.7 BTU/Wh
Outdoor Sound Rating 57.5 dB

Heating
Rated Capacity 18,000 BTU/h
Max-Min Capacity 24,100 - 7,560 BTU/h
Rated Power Input 1,935 W
Max. Power Input 2,305 W
HSPF 9.8
Outdoor Sound Rating 57.5 dB

Pipe Lengths
Max. Pipe Length (Total) 98 ft
Max. Pipe Height Difference 66 ft

Ambient Temperature Operating Range
Cooling 5-122 °F
Heating 5-86 °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: 25 ft. 6 in.(5m), Height difference: 0 ft.(0m) [Outdoor unit - Indoor unit]

Mirage products are subject to continuous improvements. Mirage reserves the right to modify product design, specifications and information in this data sheet without notice and without incurring any obligations.
### INDOOR UNIT

<table>
<thead>
<tr>
<th>Model</th>
<th>IVXH181A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power</td>
<td>220 V</td>
</tr>
<tr>
<td>Available Voltage Range</td>
<td>208 - 230 V</td>
</tr>
<tr>
<td>Fan Type</td>
<td>Cross-flow</td>
</tr>
<tr>
<td>Motor Output</td>
<td>36 W</td>
</tr>
<tr>
<td>Speed Hi-Med-Lo</td>
<td>1100/800/700 RPM</td>
</tr>
<tr>
<td>Airflow Rate</td>
<td>Speed Hi-Med-Lo 388/265/224 CFM</td>
</tr>
<tr>
<td>Dimensions</td>
<td>H x W x D</td>
</tr>
<tr>
<td>Uncrated</td>
<td>37.99/8.46/12.56</td>
</tr>
<tr>
<td>Crated</td>
<td>41.14/12.01/15.94</td>
</tr>
<tr>
<td>Weight</td>
<td>Net Gross 26.0/34.2 lbs</td>
</tr>
</tbody>
</table>

For Mounted plate C,

---

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

Mirage products are subject to continuous improvements. Mirage reserves the right to modify product design, specifications and information in this data sheet without notice and without incurring any obligations.

**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. 6 in. (7.62 m)
- **Height difference:** 0 ft. 0 in. (0 m) (Outdoor unit - Indoor unit)