COMPRESSED AIR COOLING | Air UPA Series

COPPER TUBE CONSTRUCTION

Features
- Full Line of Sizes and Features
- Energy Efficient
- High Performance
- Low flows to 100 CFM
- Horizontal or Vertical Air Flow
- Lightweight, may be Shipped UPS
- Ratings Based on Comprehensive Testing
- Attractive, Durable Baked Enamel Finish
- Floor or Suspended Mounting

Materials
- Cabinet Steel with Baked Enamel Finish
- Core Aluminum Fins on Copper Tubes
- Fan Heavy Gauge Aluminum with Steel Hub
- Motor Open Vented
- Fan Guard Zinc Chromate Plated Steel

Ratings
- Maximum Operating Pressure 250 PSIG
- Maximum Operating Temperature 350° F

How to Order

Model Series Model Size
- UPA Selected
**Dimensions**

Models UPA-20 & UPA-35

![Vertical Air Flow Diagram]

Models UPA-50 & UPA-100

![Horizontal Air Flow Diagram]

**Note:** We reserve the right to make reasonable design changes without notice. All dimensions are in inches.

**Capacity Selection Chart**  
Max. SCFM @ 5, 10, 15 and 20°F Approach

<table>
<thead>
<tr>
<th>Inlet Temp. °F</th>
<th>150</th>
<th>200</th>
<th>250</th>
<th>300</th>
<th>350</th>
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<tbody>
<tr>
<td>Approach Temp. °F</td>
<td>5</td>
<td>10</td>
<td>15</td>
<td>20</td>
<td>5</td>
</tr>
<tr>
<td>Model Number</td>
<td>UPA-20</td>
<td>UPA-35</td>
<td>UPA-50</td>
<td>UPA-100</td>
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<td>UPA-100</td>
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</tbody>
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Above specifications are based on 80 to 125 PSIG operating pressures. Maximum pressure drop, less than 3 psi.
A flexible metal hose must be properly installed between the compressor and aftercooler to validate warranty.

**Electric Motor & Fan Data**

<table>
<thead>
<tr>
<th>Model</th>
<th>Fan CFM</th>
<th>Motor H.P.</th>
<th>Voltage</th>
<th>Phase</th>
<th>Full Load Amps</th>
<th>Hz</th>
<th>RPM</th>
<th>Nema Frame</th>
<th>Thermal Overload</th>
<th>Approx. Shipping Weight (Lbs.)</th>
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<tr>
<td>UPA-20</td>
<td>615</td>
<td>1/12</td>
<td>115/230</td>
<td>1</td>
<td>2.4/1.2</td>
<td>60</td>
<td>1550</td>
<td>Custom</td>
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<td>115/230</td>
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<td>2.7/1.4</td>
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<td>61</td>
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Published electrical ratings are approximate, and may vary because of motor brand. Actual ratings are on motor nameplate.