**Unheated Drawing**

**EP2**
*(Extra Power 2)*
Series

**TOP VIEW**

**FRONT VIEW**

**REAR VIEW**

**SIDE VIEW**

- *Use corresponding letters in "Electrical Data" columns to complete the model numbers.*

<table>
<thead>
<tr>
<th>MODEL NUMBER</th>
<th>OVERALL LENGTH A (in)</th>
<th>KNOCKOUT LOCATION B (in)</th>
<th>REAR MOUNTING CENTER C (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>EP296-2U-TS</td>
<td>96</td>
<td>52</td>
<td>94 1/2</td>
</tr>
<tr>
<td>EP2108-2U-TS</td>
<td>108</td>
<td>58</td>
<td>106 1/2</td>
</tr>
<tr>
<td>EP2120-2U-TS</td>
<td>120</td>
<td>64</td>
<td>118 1/2</td>
</tr>
<tr>
<td>EP2120-3U-TS</td>
<td>120</td>
<td>64</td>
<td>118 1/2</td>
</tr>
<tr>
<td>EP2144-3U-TS</td>
<td>144</td>
<td>76</td>
<td>142 1/2</td>
</tr>
</tbody>
</table>

**Notes:**

1. This product is designed to meet the National Electric Code (NEC), ETL Safety Listed for the US and Canada.
2. (2) 1/2" key hole slots and (2) 7/16" mounting holes provided on for wall mounting and (4) 7/16" mounting holes for overhead mounting provided, (2) on each end.
3. All units have a self contained one piece cabinet, fire retardant and corrosion proof paint lock metal double protected with baked on Titanium Silver color, rust preventative electrostatic polyurethane powder coating.
4. Cabinet has sufficient strength for fastening to wall on both ends without intermediate support.
5. Internal J-Box(es) for electrical wiring: one motor-(1) 2"x 4"; two motors-(1) 4"x 4"; three motors-(2) 4"x 4".
6. Unit is to be installed such that air flow is unobstructed. Air discharge nozzle containing adjustable air directional vanes with 40° sweep front to back.
7. Circuit protection as per NEC by others.
8. Optional motor control panel, door limit switch and mounting brackets are field installed and/or wired by others. The door limit switch is to be mounted such that the air curtain turns on as door begins to open. To prevent unit damage, the mounting brackets must be installed such that the bottom of the air curtain is not below the door header.
## Unheated Data Sheet

### Applications: Environmental Separation (up to 16') and Insect Control (up to 14')

<table>
<thead>
<tr>
<th>EP2 (Extra Power) Series 2</th>
<th>Mechanical Data</th>
<th>Lab Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model Number</td>
<td>Nozzle Length (in)</td>
<td>Length (in)</td>
</tr>
<tr>
<td>EP296-2U*-TS</td>
<td>96</td>
<td>96</td>
</tr>
<tr>
<td>EP2108-2U*-TS</td>
<td>108</td>
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<tr>
<td>EP2120-2U*-TS</td>
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</tr>
<tr>
<td>EP2144-3U*-TS</td>
<td>144</td>
<td>144</td>
</tr>
</tbody>
</table>

Note: Data above for 3450 RPM at 60 Hz, 50 Hz is 2850 RPM with a 17% reduction in the performance data.

### Features:
- 3 HP Continuous Duty TEAO Motors
- Sleek self-contained one piece heavy gauge corrosion proof paint lock metal design
- ETL Certified to conform to UL 507 (US) and CSA 22.2 (Canada) Standards
- (4) 7/16” top and wall mounting holes provided, (2) on each end
- Cabinet has sufficient strength for fastening to wall on both ends without intermediate support
- Adjustable air directional vanes with 40° sweep front to back
- Standard color is Titanium Silver
- Rust preventative electrostatic polyurethane powder coating
- 5 year parts warranty
- Freight Included (FOB Continental USA)
- Proudly Made in the USA

### Options and Accessories: (see Accessories Brochure)
- Motor Control Panels
- Wall and Overhead Bracket
- Washdown units and accessories (NEMA 4 & 4x)
- Explosion Resistant units and accessories (Class I, Div. I, Group D)
- Custom colors and finishes (304SS, 316SS)

### Sound Levels: (measured at 10' in an open field)
- 1 Motor Unit = 76 dBA, 2 Motor Unit = 79 dBA, 3 Motor Unit = 81 dBA

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**Note:** Data above for 3450 RPM at 60 Hz, 50 Hz is 2850 RPM with a 17% reduction in the performance data.

**Note:** For Ampacity Multiply FLA X 1.25

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**Electrical Data (FLA)**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>208/230v</td>
<td>16.6/15.2</td>
<td>16.6/15.2</td>
<td>16.6/15.2</td>
<td>24.9/22.8</td>
<td>24.9/22.8</td>
</tr>
<tr>
<td>460v</td>
<td>7.6</td>
<td>7.6</td>
<td>7.6</td>
<td>11.4</td>
<td>11.4</td>
</tr>
<tr>
<td>575v</td>
<td>6.0</td>
<td>6.0</td>
<td>6.0</td>
<td>9.0</td>
<td>9.0</td>
</tr>
</tbody>
</table>

* - Use corresponding letters in “Electrical Data” columns to complete the model numbers.

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### Example:

```
EP2 144 - 3 U - H - TS
```

- **Series:** Extra Power 2
- **Length of Unit:** 144 in.
- **# of Motors:** 3
- **U = Unheated**
- **Voltage Code:**
- **Color:**

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**NOTE:** MARS AIR SYSTEMS, LLC reserves the right to change specifications and product design without notice. Such revisions do not entitle the buyer to corresponding changes, improvements, additions or replacements for previously purchased equipment.