MODEL F66
Electronic Air Cleaner

The F66 from Industrial Air Solutions is a self-contained electronic air cleaning system designed for general background cleaning or ducted for source capture applications. The F66 efficiently captures a broad range of airborne contaminants including smoke, fumes, soot, light dusts and coolant mists at a rate of up to 2,600 cfm, with no costly filter replacement.

Industrial Air Solutions inc.
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F66 FEATURES & SPECIFICATIONS

SPECIFICATIONS

- **DIMENSIONS:** 41” L x 27.5” W x 26.5” H
- **WEIGHT:**
  - 278 lbs. installed
  - 325 lbs. shipping
- **AIR FLOW:** Maximum 2,600 cfm
- **EFFICIENCY:** Up to 95% based on ASHRAE 52-76 test method.
- **POWER INPUT:**

<table>
<thead>
<tr>
<th>VOLTAGE</th>
<th>PHASE</th>
<th>1 HP AMPS</th>
<th>2 HP AMPS</th>
<th>3 HP AMPS</th>
</tr>
</thead>
<tbody>
<tr>
<td>110-120</td>
<td>1</td>
<td>12</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>208-240</td>
<td>1</td>
<td>6.6</td>
<td>9</td>
<td>NA</td>
</tr>
<tr>
<td>208-240</td>
<td>3</td>
<td>3.8</td>
<td>7</td>
<td>9</td>
</tr>
<tr>
<td>440-480</td>
<td>3</td>
<td>1.9</td>
<td>3.5</td>
<td>4.4</td>
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</tbody>
</table>

- **ELECTRONIC CELL:** 2 included providing 218 sq. feet of surface area.
  - Minimum voltage gradient is 20,000 volts per inch.
  - Cell weight is 33 lbs. each.
- **PREFILTER/POSTFILTER:** 1” multi-layered aluminum mesh.
- **POWER SUPPLY:** Self-regulating, dual voltage, industrial-rated power supply.
- **DIAGNOSTICS:** Test button to ensure collector operation and system lamp to monitor performance.
- **MOTOR:** 1 hp maintenance free motor. Adjustable motor sheave allows for field airflow adjustment.
- **BLOWER:** Forward curved, ball bearing, belt driven centrifugal blower. This blower is capable of moving 4400 cfm free air.
- **CABINET:** 16 gauge welded steel cabinet with baked enamel textured coated finish.
- **POWER CORD:** Ten foot power cord with standard molded plug included on all single phase models.
- **SOUND LEVELS:**
  - 73.5 dBA at 9 feet.
  - 70 dBA at 15 feet.

ADDITIONAL FEATURES

- 3 year parts warranty.
- Motor starter and control circuitry.
- 4-way adjustable louvres.
- Mounting bracket.

OPTIONAL ACCESSORIES

- 2 and 3 hp motor upgrade.
- High static fans.
- Source capture plenum.
- Drain kit.
- Impinger assembly.
- Media prefilter pad and frame.
- Source capture arm(s).
- Double pass electronic cells.
- Cell cleaner.
- Cell coat.

F66 shown with optional source capture plenum.

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