Fred SR

Self Cleaning, Portable Smoke, Dust & Fume Extractor

This professional grade fume extractor is the industry standard for eliminating smoke, dust and other unbreathables from the air. The powerful blower features a high face-velocity, removing particulate as small as 0.5 micron with our standard MERV 15 rated Nanofiber filter.

Our patented Injection Self-Cleaning System (ICS-360) reduces total cost of ownership by extending filter life expectancy, improving aggregate filter efficiency, and making routine service faster & easier.

Benefits:
- Automatic Filter Cleaning makes service easy
- Compact, portable and easy to operate
- Capture-at-source for cleaner air
- Complies with OSHA guidelines for controlling weld fumes

Features:
- ICS-360 Injection Self-Cleaning System
- Flexible 10' Externally Articulated Capture Arm
- 21” easy-to-service Nanofiber filter (MERV 15)
- Rotary starter with 15’ power cord & casters

Options:
- Flexible externally articulated capture arm 6.5’, 10’, or 13’
- Automatic self-positioning, Fume Tracker™ capture arm
- 3.0 HP 1800 CFM High-Static Motor [230/460/575V 3PH]
- Odor Absorption Kits
- Minihelic Gauge
- Spunbond Polyester Filter Cartridge (washable)
- After-filter module, with HEPA Filter
- Hood mounted LED light kit

* Selected Models
## Technical Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Power</th>
<th>Airflow</th>
<th>Cord</th>
<th>Arm</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRED SR Portable Fume Collector with externally articulated manual capture arm</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>FRED SR</td>
<td>Phase</td>
<td>@120V (amps)</td>
<td>@230V (amps)</td>
<td>@460V (amps)</td>
</tr>
<tr>
<td>1.5</td>
<td>1P/60Hz</td>
<td>13.2</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>3.0</td>
<td>3P/60Hz</td>
<td>---</td>
<td>7.1</td>
<td>3.7</td>
</tr>
<tr>
<td>5.0</td>
<td>3P/60Hz</td>
<td>---</td>
<td>13.0</td>
<td>6.5</td>
</tr>
</tbody>
</table>

## Dimensions

<table>
<thead>
<tr>
<th>Model</th>
<th>Arm Length (ft.)</th>
<th>Arm Diameter (in.)</th>
<th>Net Weight (lbs.)</th>
<th>Product Dimensions (in.)</th>
<th>Shipping Dimensions (in.)</th>
<th>Gross Weight (lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRED SR Portable Fume Collector with externally articulated manual capture arm</td>
<td>10</td>
<td>6</td>
<td>285</td>
<td>32.5, 115</td>
<td>60, 34, 18.5</td>
<td>48, 90, 54</td>
</tr>
<tr>
<td></td>
<td>13</td>
<td>6</td>
<td>290</td>
<td>32.5, 128</td>
<td>60, 60, 18.5</td>
<td>48, 90, 54</td>
</tr>
</tbody>
</table>

- **MERV 15 efficient cartridge filter** captures particles at the submicron level, and surface-loading technology allows dust to be easily dislodged during cleaning with compressed air.
- **MERV 11** cartridge filter made from 100% spun-bond polyester that lowers costs, by allowing for water-based cleaning of captured contaminants.

- **NANOTECH XV**
  - EFFICIENCY: MERV 15
  - FILTER MEDIA: NANOFIBER
  - MEDIA AREA: 187 SQ.FT.
  - COATING: FIRE RETARDANT
  - END CAP: OPEN/OPEN
  - CLEANING METHOD: COMPRESSED AIR
  - MAX TEMP: 180° F / 82° C
  - FLANGE: NONE

- **POLYTECH XI**
  - EFFICIENCY: MERV 11
  - FILTER MEDIA: SPUN-BOND POLY
  - MEDIA AREA: 105 SQ.FT.
  - COATING: FIRE RETARDANT
  - END CAP: OPEN/OPEN
  - CLEANING METHOD: AIR + WATER WASH
  - MAX TEMP: 180° F / 82° C
  - FLANGE: NONE

**FRED SR Portable Fume Collector**

- **Model**: FRED SR
- **Length**: 10 or 13
- **Height**: 6
- **Width**: 285
- **Arm Diameter**: 32.5
- **NET Weight**: 115
- **Product Dimensions (in.)**
  - Length: 33
  - Width: 60
  - Height: 34
- **Shipping Dimensions (in.)**
  - Length: 18.5
- **Gross Weight (lbs.)**: 330

**CANADA**
- Montreal, QC
- Toronto, ON

**UNITED STATES**
- Trenton, NJ
- Chicago, IL

**HEAD OFFICE**
- 2500 Alphonse Gariepy
- Montreal, QC H8T 3M2

**CONTACT US**
- Toll Free: 1-800-361-3733
- info@diversitech.ca

**www.diversitech.ca**