Built to Fit the Application, Every Time.

Sized to Meet the Need
Whether the industrial process requires a 2 HP, 1000 CFM collector, or a 30 HP, 16000 CFM unit, every Mistrion is custom designed to the needed specifications.

Designed for the Contaminant
In addition to sizing the Mistrion to fit the need, choice of filter material depends on the target contaminant, whether collecting oil mist, coolant mist, water-based mist, or smoke, or providing odor control. The optional high-density metal mesh washable pre-filter is available for wet grinding applications.

Efficient, Quiet, & Low Maintenance Operation
Blower is a direct drive, backward-inclined air foil type for quiet and energy-efficient operation. Horizontal or vertical discharge with exhaust silencers are also available. There are no belts to change or bearings to grease. A sloped drain pan with a 1/2” NPT connection allows for easy removal or recirculation of captured coolant. Hinged and gasketed access doors allow for easy removal and replacement of filter elements. For average machine shop operations, the primary filter element should last a year.
Mistron Series
Mist and Smoke Collection / Odor Control

Built for the Targeted Contaminant by the Custom Design Specialists

Features
- Custom Sizing to Fit the Application
- Chevron Impinger
- 65% or 95% AHRAE High-Efficiency Micro Glass Primary Filter
- Hinged & Gasketed Access Doors
- Sloped Drain Pan w/ 1/2" NPT Connection for Easy Removal
- Backward-Inclined Direct Drive Air Foil Type Blowers
- 3PH TEFC Motor on Rubber Vibration Mounts
- Heavy Gauge All-Welded Cabinet with Industrial Blue Enamel Finish

Typical Applications
- Oil & Water-Based Coolant Mists
- Smoke
- Odor Control
- Machine Shop Operations
- Heavy Equipment Maintenance & Repair
- Dry or Wet Grinding Particulate & Fumes
- Multi-Axis CNC
- EDM
- Turning / Milling

Options
- Filter Material
- Horizontal or Vertical Discharge w/ Exhaust Silencers
- Floor Mounting or Free-Hanging
- Magnetic Motor Starters
- ASHRAE or HEPA After-Filters w/ Visible or Audible Alarms
- Odor Control w/ Refillable Modules
- Washable Metal Mesh Pre-filter for Grinding Applications
- Finish Color

Mistron MF Series

<table>
<thead>
<tr>
<th>MODEL</th>
<th>CFM</th>
<th>HP</th>
<th>H x W x D</th>
<th>Filter SQ FT</th>
</tr>
</thead>
<tbody>
<tr>
<td>MF-120-2</td>
<td>1,250</td>
<td>2</td>
<td>65&quot; x 29&quot; x 34&quot;</td>
<td>120</td>
</tr>
<tr>
<td>MF-240-3</td>
<td>2,500</td>
<td>3</td>
<td>65&quot; x 29&quot; x 57&quot;</td>
<td>240</td>
</tr>
<tr>
<td>MF-480-5</td>
<td>5,000</td>
<td>5</td>
<td>65&quot; x 67&quot; x 57&quot;</td>
<td>480</td>
</tr>
<tr>
<td>MF-720-7.5</td>
<td>7,000</td>
<td>7.5</td>
<td>65&quot; x 85&quot; x 57&quot;</td>
<td>720</td>
</tr>
<tr>
<td>MF-960-10</td>
<td>10,000</td>
<td>10</td>
<td>65&quot; x 104&quot; x 57&quot;</td>
<td>960</td>
</tr>
<tr>
<td>MF-1600-20</td>
<td>16,000</td>
<td>20</td>
<td>65&quot; x 156&quot; x 57&quot;</td>
<td>1440</td>
</tr>
</tbody>
</table>

Larger / custom sizes available; consult factory.

Filter 1 has a policy of continuous design improvement and reserves the right to update designs and specifications without notice.

FILTER 1
2525 National Dr.
Garland, TX 75041
972-278-2664
WWW.FILTER-1.COM