FumeXtractors was developed by Air Cleaning Specialists, Inc., to combat the health hazards that industrial metalworkers are faced with on a daily basis.

We offer a dynamic selection of fume and dust extraction systems to remove contaminants in facilities where welding, laser cutting, grinding, or deburring takes place, and in environments where ambient dusts are present.

FumeXtractors is backed by over 40 years of air filtration experience and our team is dedicated to improving air quality and machine operator safety throughout industrial facilities.

Your safety is important to us.
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# Weld Fume Collection Methods

## Portable Fume Extractors
- **Best Used For**: Large/mobile workpieces, smaller shops, environments where ducting is impractical
- **Source Capture**: ★★★☆☆
- **Filter Life**: ★☆☆☆☆
- **Price Range**: $-

## Downdraft Tables
- **Best Used For**: Environments with hazardous materials, where pieces cover less than the surface size of the table
- **Source Capture**: ★★★★★
- **Filter Life**: ★★★★★
- **Price Range**: $$-

## Central Dust Collectors
- **Best Used For**: Manufacturing, production, full scale industrial applications
- **Source Capture**: ★★★★★
- **Filter Life**: ★★★★★
- **Price Range**: $$$-

## Ambient Air Cleaners
- **Best Used For**: Improving overall air quality & general hygiene; environments where source capture is impractical.
- **Source Capture**: ★☆☆☆☆
- **Filter Life**: ★★★★★
- **Price Range**: $-$
PORTABLE FUME EXTRACTORS

IN-STOCK

FX-PT-0807-P

OPTIONS

• HEPA Afterfilter
• Light Kit
• Large Diameter Fume Hood
• 3-Phase Motor
• Oversized Casters

IN-STOCK PORTABLES

<table>
<thead>
<tr>
<th>Arm Dia.</th>
<th>Arm Length</th>
<th>Pulse Cleaning</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>6”</td>
<td>7’ &amp; 10’</td>
<td>Yes</td>
<td>FX-PT-06XX-P</td>
</tr>
<tr>
<td>8”</td>
<td>7’ &amp; 10’</td>
<td>Yes</td>
<td>FX-PT-08XX-P</td>
</tr>
</tbody>
</table>

DETAILS

Airflow: 1100 CFM
Motor: 1.5 HP
Input Power: 120V/1PH/60Hz
Compressed Air Req: 90 PSI
Noise Level: 77dB(A) @ 5ft.

BENEFITS

• Aluminum Mesh Pre-Filter
• Pleated Cartridge Filter
• Manual Pulse Jet Filter Cleaning
• Flexible, Durable, Source Capture Arm
• UL-Approved Push Button Control Box
• Fully Enclosed Motor
• Dust Cleanout Tray
• Magnehelic Pressure Gauge
**FUME VACUMS**

**Details**
- **Airflow:** 80 CFM
- **Vacuum:** 80 W.G.
- **Voltage:** 120V/1PH or 240V/1PH
- **Dimensions:** 24” x 18” x 39”
- **Net Weight:** 138 lbs.
- **Inlet Size:** 2” (O.D.)

**Benefits**
- Cleaning Wand for 6x - 7x Filter Life
- Shunt for Automatic On/Off
- Filter Condition Indicator
- Metal Mesh Spark Trap Pre-Filter
- Nanofiber Fire Retardant Filters
- Dust Cleanout Tray
- Compatible with Abicor Binzel Fume Gun

**In-Stock Vacuums**

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Part Number</th>
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</thead>
<tbody>
<tr>
<td>120V</td>
<td>FX-VAC-120V</td>
</tr>
<tr>
<td>240V</td>
<td>FX-VAC-240V</td>
</tr>
</tbody>
</table>

Shown with Abicor Binzel Fume Gun
FUME EXTRACTOR ARMS

HANGING FUME ARMS
Our most popular style of fume arm, mount to a wall or ceiling for fume extraction that requires zero floorspace.

STANDING FUME ARMS
Suitable for benchtop applications.

TELESCOPING FUME ARMS
Perfect for space-constrained environments, these arms are also commonly paired with Welding Booths.
BENEFITS & OPTIONS

BENEFITS

- Designed for Source Capture
- 360° Movement
- Easy to Maneuver
- External Joints for Easy Maintenance
- Friction Plates for Stay-Put
- Solid Metal Construction

OPTIONS

- Standard Light Kit
- LED Light Kit
- High Temp Hose

PART NUMBER DETAILS

FX-HA-0607

2-Character Style
HA - Hanging
SA - Standing
TA - Telecoping

2-Digit Length (Feet)
e.g., 07 = 7'

2-Digit Arm Diameter (Inches)
e.g., 06 = 6''

IN-STOCK ARMS

<table>
<thead>
<tr>
<th>Type</th>
<th>Arm Dia.</th>
<th>Length</th>
<th>Hood Dia.</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hanging</td>
<td>6&quot; &amp; 8&quot;</td>
<td>7', 10', 14'</td>
<td>14&quot;</td>
<td>FX-HA-XXXX</td>
</tr>
<tr>
<td>Standing</td>
<td>6&quot; &amp; 8&quot;</td>
<td>7', 10', 14'</td>
<td>14&quot;</td>
<td>FX-SA-XXXX</td>
</tr>
</tbody>
</table>

*All arms also available in stainless steel*
WALL MOUNTED FUME EXTRACTORS

DUCTED UNITS

Duct to an existing dust collection system, or simply exhaust outside.

FILTERED UNITS

Completely self contained fume extraction. No need for a central dust collection system or ductwork. Extremely popular in educational environments, paired with Welding Booths.

FX-WM-1100
Shown with Hanging Fume Arm

FX-WMFSRPRK
Shown with Dual Hanging Fume Arms
BENEFITS & OPTIONS

BENEFITS

- Zero Floorspace Needed
- Minimal Installation*
- Designed for Source Capture
- Solid Steel Construction
- 2X the Suction Distance of Competitor’s
- UL-Approved Push Button Control Box

OPTIONS

- Spark Trap
- Standard Light Kit
- LED Light Kit
- High Temp Hose
- Remote Start

IN-STOCK WALL MOUNTED UNITS

Wall Mounted Fume Extractors, No Fume Arm

<table>
<thead>
<tr>
<th>Style</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blower</td>
<td>FX-WM-1100</td>
</tr>
<tr>
<td>Blower + Filter</td>
<td>FX-WMF</td>
</tr>
<tr>
<td>Blower + Filter + Spark Trap</td>
<td>FX-WMFSPRK</td>
</tr>
</tbody>
</table>

Wall Mounted Fume Extractors + Fume Arm

<table>
<thead>
<tr>
<th>Filtered</th>
<th>Spark Trap</th>
<th>Arm Dia.</th>
<th>Arm Length</th>
<th>Part Number</th>
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<tbody>
<tr>
<td>No</td>
<td>No</td>
<td>6” &amp; 8”</td>
<td>7’, 10’, 14’</td>
<td>FX-WM-XXXX</td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
<td>6” &amp; 8”</td>
<td>7’, 10’, 14’</td>
<td>FX-WM-XXXX-FLTR</td>
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<tr>
<td>Yes</td>
<td>Yes</td>
<td>6” &amp; 8”</td>
<td>7’, 10’, 14’</td>
<td>FX-WM-XXXX-FLTR-SP</td>
</tr>
</tbody>
</table>

*Wall Mounted Fume Extractors and arms also available in stainless steel
DRY DOWNDRAFT TABLES

BENEFITS

- Safest Collection Method
- OSHA Compliant
- High Capture Velocity
- Plug-And-Play Design
- Fire Retardant Cartridge Filter
- Built-In Spark Arrestor
- Automatic, Offline Filter Pulse Cleaning

DETAILS

- Airflow: 2600 CFM
- Face Velocity: 350 FPM
- Motor: 3.0 HP
- Input Power: 230V/3PH/60Hz
- F.L.A.: 9.6 Amps
- Compressed Air Req: 90 PSI
- Pre-Filter: Metal Mesh
- Prime Filter: Nanofiber
- Noise Level: 77dB(A) @ 5ft.
BENEFITS & OPTIONS

OPTIONS

- Backdraft Airflow
- Windowed Side Panels
- HEPA Afterfilter

PART NUMBER DETAILS

FX-DDT-3648

Table Style
DDT - Dry Downdraft
BDT - Backdraft

2-Digit Table Width (Inches)
e.g., 48 = 48"

2-Digit Table Length (Inches)
e.g., 36 = 36"

IN-STOCK TABLES

<table>
<thead>
<tr>
<th>Type</th>
<th>Surface Size</th>
<th>Part Number</th>
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<tbody>
<tr>
<td>Dry Downdraft</td>
<td>36” X 48”</td>
<td>FX-DDT-3648</td>
</tr>
</tbody>
</table>

*Select downdraft/backdraft tables also available in stainless steel*
WET DOWNDRAFT TABLES

**Wet Downdraft Tables**

*Designed for Explosive Dusts such as Aluminum, Magnesium, Titanium & Stainless Steel*

**Details**

- **Airflow:** 3000 CFM
- **Face Velocity:** 278 FPM
- **Motor:** 5.0 HP
- **Input Power:** 460V/3PH/60Hz
- **F.L.A.:** 7.6 Amps
- **Noise Level:** 72 DB @ 5ft.
- **Water Inlet:** 0.75”
- **Water Outlet:** 1”
- **Construction:** 14 Ga. Steel
- **Gross Weight:** 1891 lbs.
- **Net Weight:** 1696 lbs.

**NFPA 64 & 484 Compliant**

Designed for Explosive Dusts such as Aluminum, Magnesium, Titanium & Stainless Steel.
BENCH GRINDING STATIONS

DETAILS

Airflow: 1100 CFM  
Motor: 1.5 HP  
Inlets: (2) 4” and (2) 2.5”  
Dimensions: 22” x 27” x 40”  
Net Weight: 121 lbs.

BENEFITS

• Universal Grinding Wheel Mount  
• Magnetic On/Off Switch  
• Light Kit  
• Metal Mesh Spark Trap Pre-Filter  
• Fire Retardant Pleated Pre-Filter  
• Dust Cleanout Tray  
• Industrial Casters  
• Blast Gated Inlets

AVAILABLE OPTIONS

<table>
<thead>
<tr>
<th>CFM</th>
<th>Part Number</th>
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<tbody>
<tr>
<td>1000</td>
<td>FX-GS-1000</td>
</tr>
</tbody>
</table>
WELDING BOOTHs

BENEFITS

- Sturdy 3-Panel Construction
- Durable 12ga. or 16ga. Powder Coated Steel
- Modular Design
- Easy Assembly
- Designed for AWS Requirements
- Meets NFPA Standards
- ADA Compliant (When sized accordingly)

OPTIONS

- CO₂ Brackets
- Curtains (Stripped or Standard)
- Custom Sized Booths
- C-Clamps
- J-Hooks
- Lazy Susans
- Light Kits
- Rear Shelves & Welding Tables
- Top Mounted Fume Extraction Units

5'x5' 12ga. powder coated steel welding booth with rear shelf

5'x5' 16ga. powder coated steel welding booth with rear shelf, standard curtain, CO₂ bracket, c-clamp, lazy susan, light kit, top-mounted fume extraction system with 6” dia. fume arm
ROBOTIC WELDING STATIONS

Shown with welder & enclosure

DETAILS

**Airflow:**  2340-3000 CFM  
**Motor:**  5-10 H.P.  
**Voltage:**  230V/3PH/60Hz  
**Compressed Air Req:**  90 PSI  
**Compressed Air Resvr:**  3.2-8 gal.  
**Inlet Size:**  15.7” x 14”  
               17.7” x 21.7”

AVAILABLE OPTIONS

<table>
<thead>
<tr>
<th>Motor H.P.</th>
<th>Part Number</th>
</tr>
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<tbody>
<tr>
<td>5</td>
<td>FX-RWS-5HP</td>
</tr>
<tr>
<td>10</td>
<td>FX-RWS-10HP</td>
</tr>
</tbody>
</table>

BENEFITS

- Aluminum Mesh Pre-Filters
- Self-Changing Paper Roll Media
- Teflon Coated Cartridge Filters
- HEPA Module (optional)
- Jet Pulse Filter Cleaning
- Dust Cleanout Trays
- TEFC Motor
- Adjustable Blast Gates