**FILTAFIR® 130**

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<td>31 sq. ft. (2.88 sq. m)</td>
<td>H: 23 in. (584 mm)</td>
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<td>Maintenance and repair operations</td>
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<td>Accu-Rated™ Airflow 132 cfm (62 L/sec.)</td>
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<td>Motor Specifications 1.27 kW</td>
<td>Net Weight 46 lb. (21 kg)</td>
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**Processes**

- Stick (SMAW)
- Flux-cored (FCAW)
- MIG (GMAW)
- TIG (GTAW)

**Filter Media**

- 31 sq. ft. (2.88 sq. m)

**Accu-Rated™ Airflow**

- 132 cfm (62 L/sec.)

**Sound Level**

- 68.5 dBA at 5 ft. (1.5 m)

**Motor Specifications**

- 1.27 kW

**Input Power**

- 115 V, 1-phase, 60 Hz at 11 A

**Dimensions**

- H: 23 in. (584 mm)
- W: 12 in. (305 mm)
- D: 12 in. (305 mm)
- Net Weight 46 lb. (21 kg)

**Applications**

- Contractors
- Maintenance and repair operations
- Light fabrication

**Have a certified industrial hygienist test the air in your facility to determine equipment requirements and ensure adequate protection from contaminants.**

**Quieter for a safer, more productive work area**

**Lightweight and portable**

**FilTek™ XL cleanable filters last longer**

**Up to 8 times longer filter life**

**Only 46 lb.**

**Up to 50% less floor space**

**Save up to 70% less sound**

**Up to 70% less sound**

**Quiet for a safer, more productive work area**

**Portable fume extraction system designed specifically for welding.**

The powerful high-vacuum system with a MERV 15 high-efficiency cleanable filter is ideal for contractors, maintenance and repair, and light fabrication.

**Fume extractor is warranted for one year, parts and labor.**
**Cleaner Air with FilTek XL Filters**

The FilTek XL filter’s higher MERV rating means unrivaled filtering performance.

Filters are rated on a MERV scale, which measures filter efficiency based on particle count. MERV ratings range from 1 – 16, with 16 being the best at filtering small particles—such as those found in weld fumes. The vast majority of weld fumes are less than one micron in diameter, or roughly 1/100th the width of a human hair.

Filters in common air filtration systems often have MERV ratings between 7 – 11. FilTek XL filters are rated at class-leading MERV 15 to capture up to 95 percent of weld fume particulates including those found in hexavalent chromium.

<table>
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<tr>
<th>Applicable Weld Fume MERV Rating Categories</th>
<th>Particle Size Range Efficiency %</th>
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<tbody>
<tr>
<td></td>
<td>0.3 to 1 µm</td>
</tr>
<tr>
<td>10</td>
<td>Not Rated</td>
</tr>
<tr>
<td>11</td>
<td>Not Rated</td>
</tr>
<tr>
<td>12</td>
<td>Not Rated</td>
</tr>
<tr>
<td>13</td>
<td>&lt;75%</td>
</tr>
<tr>
<td>14</td>
<td>75 – 85%</td>
</tr>
<tr>
<td>15 Miller® FilTek XL</td>
<td>85 – 95%</td>
</tr>
<tr>
<td>16</td>
<td>≥95%</td>
</tr>
<tr>
<td>HEPA3</td>
<td>≥99.7%</td>
</tr>
</tbody>
</table>

**Weld Fume Composition**

- 75 – 95% ≤15% ≤10%

1. American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) 52.2
3. HEPA filters are depth loading and have high restrictions to air flow, reducing system performance versus FilTek XL filters.
4. Jenkins, Pierce, Edgar, Particle Size Distribution of GMAW and FCAW

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**Features**

**Filter Service Indicator**

Filter service indicator alerts the operator when the filter needs to be cleaned to maintain extraction performance and increase filter life.

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**FilTek XL Surface-Loading Filter**

FilTek XL surface-loading filter is manually cleanable with dry compressed air, extending its life up to eight times that of conventional filters.

Benefits include lower cost of operation and eliminates the need to send extra filters to most jobsites.

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**Particulate Bin**

Particulate bin provides easy and convenient access to empty the collected weld fume particulate.

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**Portable**

At only 46 pounds (21 kg), the vertical-shaped extraction machine is easy to move around, or be at your side in a workbasket. Includes 20-foot (6 m) power cord and 8-foot extraction hose. Add the 17- or 34-foot extraction hose to add portability to the extractor.

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**Air Flow Adjustment with Guard**

Front-panel-mounted air flow adjustment makes it easy to set the proper amount of extraction when using a funnel nozzle, slotted nozzle, or Bernard® fume extraction gun.

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**Quiet**

The FILTAIR 130 is quiet to provide a safer and more productive work area. At up to 70 percent quieter than some other extractors, the FILTAIR 130 is only 68.5 dB at 5 feet (1.5 m).
### Specifications (Subject to change without notice.)

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<tr>
<th>Filter Media</th>
<th>Accu-Rated™ Airflow</th>
<th>Sound Level</th>
<th>Motor</th>
<th>Input Power</th>
<th>Dimensions</th>
<th>Net Weight</th>
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<td>31 sq. ft.</td>
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<td>46 lb. (21 kg)</td>
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### Genuine Miller® Accessories

**FilTek™ XL Filter 301267**
Manually cleanable flame-resistant (FR rated) replacement filter for FILTAIR 130.

**Extraction Hose**
- **300896** 17-foot (5.2 m) length
- **300897** 34-foot (10.4 m) length

**Slotted Magnetic Nozzle 300895**
12-inch-wide (305 mm) nozzle with magnetic base.

**Flexible Funnel Magnetic Nozzle 300668**
Flexible funnel nozzle with magnetic base.

### Bernard® Fume Extraction Guns

**Bernard® Clean Air™ Fume Extraction Gun Series**
Reduce smoke at the source with the industrial-duty Bernard Clean Air fume extraction MIG gun! Maintaining a clean, more compliant work environment is important, and Bernard understands the need for a reliable fume extraction solution.
- Suitable for use with solid and flux-cored wires in 400-, 500- and 600-amp models.
- Redesigned to closely match the weight, handle size, durability and industrial-grade performance of regular Bernard MIG guns.
- Easily slide nozzle shroud to one of four positions to optimize fume capture, gas flow and weld access.
- 360-degree hose swivel for greater flexibility and balance.
- Vacuum hose is crush- and snag-resistant, and is durable enough to eliminate the need for a bulky vacuum hose cover in most conditions.

**Bernard® FILTAIR® Fume Extraction Gun Series**
Extract fumes at the weld bead with the Bernard FILTAIR fume extraction MIG gun to help maintain a clean working environment!
- Suitable for use with solid and flux-cored wires in 300- and 400-amp models.
- Vacuum control on front of handle allows balance of suction with shielding gas flow to protect against porosity.
- Vacuum hose swivel on rear of handle improves flexibility and reduces wrist fatigue.

To order fume extraction guns, visit BernardWelds.com. When ordering gun, be sure to include the Bernard gun adapter.
<table>
<thead>
<tr>
<th>Equipment and Options</th>
<th>Stock No.</th>
<th>Description</th>
<th>Qty.</th>
<th>Price</th>
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<tr>
<td><strong>FILTAIR® 130</strong></td>
<td>300595</td>
<td>Comes complete with filter, 8 ft. hose and 20 ft. power cord</td>
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<tr>
<td><strong>Replacement Filter</strong></td>
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<tr>
<td>FilTek™ XL Filter</td>
<td>301267</td>
<td>Manually cleanable, FR rated</td>
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<tr>
<td>Extraction Hose</td>
<td>300896</td>
<td>17 ft. (5.2 m). Effective with serial number MG3S0007D</td>
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<td>300897</td>
<td>34 ft. (10.4 m) Effective with serial number MG3S0007D</td>
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<td>Slotted Magnetic Nozzle</td>
<td>300895</td>
<td>12-inch (305 mm) width. Effective with serial number MG3S0007D</td>
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<td>Flexible Funnel Magnetic Nozzle</td>
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<td>Flexible funnel nozzle with magnetic base</td>
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<td><strong>Recommended Fume Guns</strong></td>
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<td>Bernard™ Clean Air™ Fume Extraction Gun</td>
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