

# FILTAIR® 130

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**Welding Safety and Health** 

## Quick Specs

### Applications

Contractors  
Light fabrication  
Maintenance and repair operations

### Processes

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

**Filter Media** 31 sq. ft. (2.88 sq. m)

### Accu-Rated™ Airflow

Measured at hose intake: 132 cfm (62 L/sec.)

**Sound Level at 5 ft. (1.5 m)** 68.5 dBA

**Motor Specifications** 1.27 kW

**Input Power** 115 V, 1-phase,  
60 Hz at 11.25 A

**Dimensions** H: 23 in. (584 mm)  
W: 12 in. (305 mm)  
D: 12 in. (305 mm)

**Net Weight** 46 lb. (21 kg)

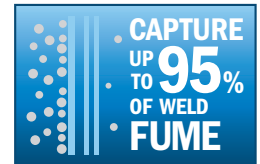
## Portable fume extraction system designed specifically for welding.

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



See accessories for attachment options.

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



MERV 15 high-efficiency filter designed to capture weld fume



Set proper airflow for various applications



Lightweight and portable



Quieter for a safer, more productive work area



Fume extractor is warranted for one year, parts and labor.



Meets both UL and CSA standards.



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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.



### 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 reduces the need to send extra filters to jobsites.



### Particulate bin

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



### 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.



### Variable flow control

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.



### 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).



## FilTek® XL Filters

### 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 to 16, with 16 being the best at filtering small particles — such as those found in weld fumes.

Filters in common air filtration systems often have MERV ratings from 7 to 11. FILTAIR 130 FilTek XL filters are rated at class-leading MERV 15 to capture up to 95 percent of weld fume particulate.

### MERV Comparison

Applicable Weld Fume MERV Rating Categories <sup>1</sup>	Particle Size Range Efficiency % <sup>2</sup>		
	0.3 to 1 µm	1 to 3 µm	3 to 10 µm
10	Not rated	50–65%	85%
11	Not rated	65–80%	85%
12	Not rated	80–90%	85%
13	<75%	90%	90%
14	75–85%	90%	90%
15	Miller® FilTek XL	85–95%	90%
16		≥95%	≥95%
HEPA <sup>3</sup>	≥99.97%	≥99.97%	≥99.97%
Weld Fume Composition <sup>4</sup>	75–95%	≤15%	≤10%

<sup>1</sup>American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) 52.2

<sup>2</sup>National Air Filtration Association (NAFA) Guide

<sup>3</sup>HEPA filters are depth loading and have high restrictions to air flow, reducing system performance versus FilTek XL filters.

<sup>4</sup>Jenkins, Pierce, Edgar, Particle Size Distribution of GMAW and FCAW

## Specifications (Subject to change without notice.)

Filter Media	Accu-Rated™ Airflow	Sound Level	Motor	Input Power	Dimensions	Net Weight
31 sq. ft. (2.88 sq. m)	132 cfm (62 L/sec.)	68.5 dBA at 5 ft. (1.5 m)	1.27 kW	115 V, 1-phase, 60 Hz at 11.25 A	H: 23 in. (584 mm) W: 12 in. (305 mm) D: 12 in. (305 mm)	46 lb. (21 kg)

## Genuine Miller® Accessories



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



**Extraction Hose**  
**300896** 17 ft. (5.2 m) length  
**300897** 34 ft. (10.4 m) length

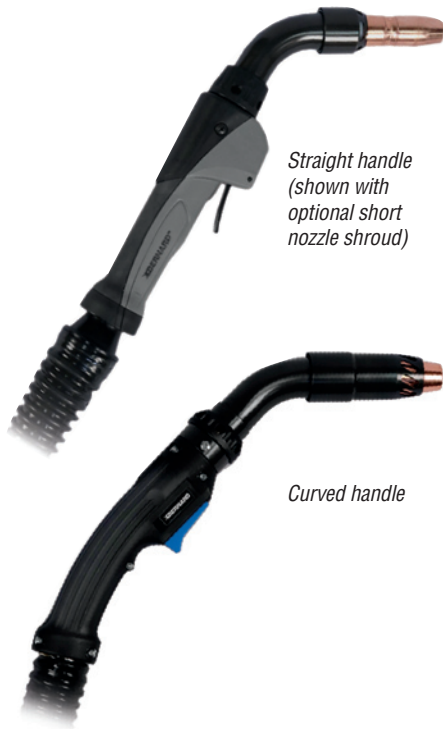


**Flexible Funnel Magnetic Nozzle 300668**  
Flexible funnel nozzle with magnetic base.



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

## Bernard® Clean Air™ Fume Extraction MIG Guns



*Straight handle  
(shown with  
optional short  
nozzle shroud)*

*Curved handle*

Maintaining a clean working environment is important and Bernard understands the need for a reliable fume extraction solution. Extract fumes at the weld bead using either of our two models and a FILTAIR fume extractor.

### Clean Air straight handle gun

- Available in 300-, 400-, 500- and 600-amp models
- Compatible with Centerfire™, Quik Tip™ and TOUGH LOCK® consumables
- Ergonomic, lightweight handle with rear swivel improves operator comfort

### Clean Air curved handle gun

- Available in 300- and 400-amp models
- Compatible with Centerfire™, Quik Tip™ and TOUGH LOCK® consumables
- Small lightweight handle maximizes maneuverability and comfort

To order fume extraction guns, visit [Tregaskiss.com](http://Tregaskiss.com). When ordering gun, be sure to include the Bernard gun adapter.

## Ordering Information

Equipment and Options	Stock No.	Description	Qty.	Price
<b>FILTAIR® 130</b>	<b>300595</b>	Includes cleanable filter, 8 ft. hose and 20 ft. power cord		
<b>FilTek® XL Replacement Filter</b>	<b>301267</b>	Manually cleanable, FR rated		
<b>Accessories</b>				
Extraction Hose	<b>300896</b>	17 ft. (5.2 m). Effective with serial number MG350007D		
	<b>300897</b>	34 ft. (10.4 m) Effective with serial number MG350007D		
Flexible Funnel Magnetic Nozzle	<b>300668</b>	With magnetic base		
Slotted Magnetic Nozzle	<b>300895</b>	12 in. (305 mm) width. Effective with serial number MG350007D		
<b>Recommended Fume Guns</b>				
Bernard® Clean Air™ Fume Extraction MIG Guns		300-, 400-, 500- and 600-amp MIG guns available. To order, visit Tregaskiss.com		

Date:

Total Quoted Price:

**Please call toll-free 855-FILTAIR (855-345-8247)  
for information on fume extraction solutions.**

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