

FILTAIR® 130

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Welding Safety and Health 

Quick Specs

Applications

Contractors
Maintenance and repair operations
Light fabrication

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)

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.



High-efficiency filter designed to capture weld fume



FilTek™ XL cleanable filters last longer



Lightweight and portable



Quieter for a safer, more productive work area



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



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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.

MERV Comparison

Applicable Weld Fume MERV Rating Categories ¹	Particle Size Range Efficiency % ²		
	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%	90%
16	≥95%	≥95%	≥95%
HEPA ³	≥99.7%	≥99.7%	≥99.7%
Weld Fume Composition ⁴	75–95%	≤15%	≤10%

¹American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) 52.2

²National Air Filtration Association (NAFA) Guide

³HEPA filters are depth loading and have high restrictions to air flow, reducing system performance versus Filtek XL filters.

⁴Jenkins, Pierce, Edgar, Particle Size Distribution of GMAW and FCAW

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.



Portable

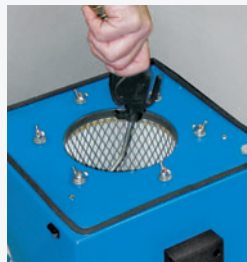
At only 46 pounds (21 kg), the vertical-shaped extraction machine is easy to move around, or be at your side in a workbasket. Includes 20-foot (6 m) power cord and 8-foot extraction hose. Add the 17- or 34-foot extraction hose to add portability to the extractor.



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.



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.



Particulate Bin

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



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.)

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 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-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.

Ordering Information

Equipment and Options	Stock No.	Description	Qty.	Price
FILTAIR® 130	300595	Comes complete with filter, 8 ft. hose and 20 ft. power cord		
Replacement Filter				
FilTek™ XL Filter	301267	Manually cleanable, FR rated		
Accessories				
Extraction Hose	300896	17 ft. (5.2 m). Effective with serial number MG350007D		
	300897	34 ft. (10.4 m) Effective with serial number MG350007D		
Slotted Magnetic Nozzle	300895	12-inch (305 mm) width. Effective with serial number MG350007D		
Flexible Funnel Magnetic Nozzle	300668	Flexible funnel nozzle with magnetic base		
Recommended Fume Guns				
Bernard™ Clean Air™ Fume Extraction Gun		400-, 500- and 600-amp MIG guns available. To order, visit BernardWelds.com. When ordering gun, be sure to include the Bernard gun adapter		
Bernard™ FILTAIR® Fume Extraction Gun		300- and 400-amp MIG guns available. To order, visit BernardWelds.com. When ordering gun, be sure to include the Bernard gun adapter		

Date:

Total Quoted Price:

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