

FILTAIR[®] 130

Issued June 2012 • Index No. AY/3.1



Quick Specs

Industrial Applications

Contractors
Maintenance and Repair Operations
Light Fabrication

Processes

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

Filter Media 16 ft.² (1.49 m²)

Accu-Rated™ Airflow 132 CFM (62 L/sec.)

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

Motor Specifications 1 HP

Input Power 115 VAC/1-Phase/60 Hz at 11 A

Dimensions H: 23 in. (584 mm)

W: 12 in. (305 mm)

D: 12 in. (305 mm)

Weight 46 lb. (21 kg)

The Power of Blue.[®]

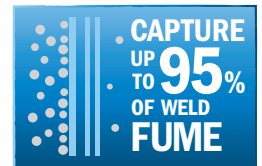
Portable fume extraction system designed specifically for welding.

The powerful high-vacuum system with a MERV 16 high-efficiency, cleanable filter is ideal for contractors, maintenance and repair, and light fabrication.

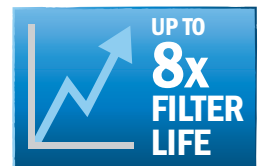


See accessories for attachment options.

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



Standard high-efficiency filter designed to capture weld fume



FitTek™ XL cleanable filters last longer



Lightweight and portable



Quieter for a safer, more productive work area



Fume extractor is warranted for 1 year, parts and labor.



Miller Electric Mfg. Co.

An Illinois Tool Works Company
1635 West Spencer Street
Appleton, WI 54914 USA

Equipment Sales US and Canada

Phone: 866-931-9730
FAX: 800-637-2315
International Phone: 920-735-4554
International FAX: 920-735-4125

Website

MillerWelds.com



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 15–16 to capture up to 95 percent of weld fume particulates.

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 Miller® FilTek XL	95%	90%	90%
Percentage of Weld Fume Particle Size ³	75–95%	15%	10%

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

²National Air Filtration Association (NAFA) Guide

³Jenkins, Pierce, Edgar, Particle Size Distribution of GMAW and FCAW

Features

Filter Service Indicator

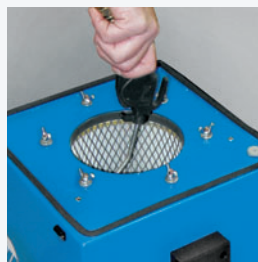
Filter service indicator alerts the operator when the filter needs to be cleaned to maintain extraction performance and increase filter life.



FilTek XL Surface Loading Filter

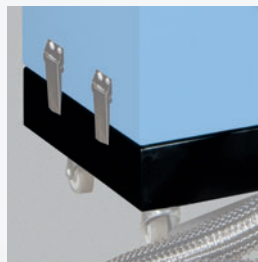
FilTek XL surface loading filter is manually cleanable with dry compressed air, extending its life up to eight times that of conventional filters.

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



Particulate Bin

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



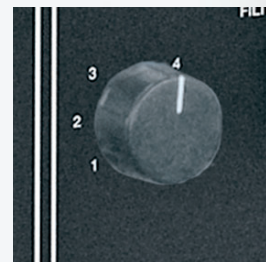
Portable

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 collection hose. Add the 17- or 34-foot extension hose to add portability to the extractor.



Air Flow Adjustment

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® FILTAIR Fume 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 69 dB at 5 feet (1.5 m).



Specifications (Subject to change without notice.)

Filter Media	Accu-Rated™ Airflow	Sound Level	Motor	Input Power	Dimensions	Weight
16 ft. ² (1.49 m ²)	132 CFM (62 L/sec.)	68.5 dBA at 5 ft. (1.5 m)	1 HP	115 VAC/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)

Bernard® FILTAIR® Fume Gun



NEW! Bernard FILTAIR Extraction Gun Series

Ideally suited for almost any solid-wire welding application. Adjustable vacuum chamber maximizes suction without affecting shielding gas, and provides for efficient smoke and fume collection. Available in 300- and 400-amp models. Features:

- Smaller handle
- Lighter weight
- Flexible back end
- Smaller front end

To order, contact Bernard at 1-800-946-2281 or 1-708-946-2281. When ordering gun, be sure to order Bernard gun adaptor.

Genuine Miller® Accessories



Collection Hose

#300 672 17 ft. (5.2 m)
#300 673 34 ft. (10.4 m)



Slotted Magnetic Nozzle

#300 669 11.8 in. (300 mm) width



Flexible Funnel Magnetic Nozzle

#300 668

Ordering Information

Equipment and Options	Stock No.	Description	Qty.	Price
FILTAIR® 130	#300 595	Portable fume extractor. Comes complete with filter, 8-ft. hose and 20-ft. power cord		
Recommended Fume Gun				
Bernard® FILTAIR® Fume Extraction Gun		300 or 400 A MIG guns available. To order, contact Bernard at 1-800-946-2281 or 1-708-946-2281. When ordering gun, be sure to order Bernard gun adaptor		
Accessories				
Collection Hose	#300 672	17 ft. (5.2 m)		
	#300 673	34 ft. (10.4 m)		
Slotted Magnetic Nozzle	#300 669	11.8 in. (300 mm) width		
Flexible Funnel Magnetic Nozzle	#300 668			
Replacement Filters				
Cleanable Filter	#300 671	Replacement Filter		

Date:

Total Quoted Price:

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

Distributed by: