

Fume-Air™ 750 Welding Fume Extractor

HEPA Filtered for Hazardous Welding Applications

The Fume-Air™ 750

Source Capture to Meet OSHA Standards



Negative Pressure
Source Point Capture Ventilation

Arm shipped completely assembled and ready to bolt on main extractor cabinet



The steel Fume-Air™ 750 HEPA filtered fume extractor provides 750 cfm flow through a 13" hood and is ideal for welding and soldering applications where large flow volume is required. With 270 degree movement and 10 foot arm length, it is easy to position the hood next to the welding work.

The pre-filter pad and certified HEPA filter remove 99.97% at 0.3 micron and meets the OSHA Permissible Exposure Limit (PEL) for hexavalent chromium of 5 µg/m³ and other toxic welding dusts.

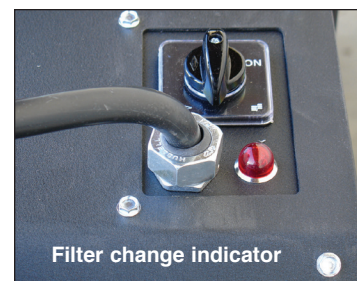
Key Details:

- Steel Cabinet
- 115 VAC motor, 12.5 amps, 1.0 HP
- Filter change indicator
- HEPA Filter, 99.97%, UL 129R flame rated, DOP tested, 1000 cfm flow rate
- 24" x 24" x 1" prefilter pad and holder
- 750 cfm flow with 10 foot arm
- 13 inch fume capture hood with adjustable flow damper - optional hood light
- 6 inch diameter, 10 foot adjustable arm with 270 degree movement
- Arm shipped assembled and ready to bolt on to main extraction cabinet
- Lift-up filter door for easy access filter change
- 5" Heavy duty casters

Dimensions: 27" W X 40" D X 32.5" H

Weight: 370 lbs

Easy access for filter change



Welding Fume Extractors Comparison Guide

Product Feature Comparison	Air Systems Fume-Air™ 750 with HEPA	Lincoln Mobiflex® 200-M no HEPA	Lincoln Mobiflex® 400-MS no HEPA	Miller Filtair® MWX-D no HEPA	Miller Filtair® MWX-S no HEPA
CFM Capture Flow @ 10 Feet	750	735	735	875	875
Free Air Flow Over 1000 CFM	Yes	Not Stated	Not Stated	Not Stated	Not Stated
Weight (lbs)	307	243	286	238	300
Voltage/Phase/Hz	115/1/60	115/1/60	115/1/60	115/1/60	115/1/60
Amperage	12.4	12	12	11.9	11.9
Three-Stage Filtration	Yes	NO	Yes	NO	NO
Charcoal Pre-Filter Available	Yes	NO	NO	NO	NO
UL 586 CERTIFIED HEPA Filter Standard (99.97% @.3 Micron)	Yes	NO	NO	NO	NO
Metal Cabinet	Yes	NO	NO	Yes	Yes
Arm Assembly Included	Yes	NO	NO	Yes	Yes
Tubular Steel Arm	Yes	NO	NO	NO	NO
10' Arm Length Standard	Yes	Yes	NO	Yes	Yes
External Arm Joints	Yes	NO	NO	Yes	Yes
Flow Control Damper	Yes	Yes	Yes	Not Stated	Not Stated
Capture Hood Dimensions	13"	Not Stated	Not Stated	Not Stated	Not Stated
Filter Change Indicator	Yes	Yes	Yes	Yes	Yes
Indicator CFM Activation Point	750	Not Stated	Not Stated	Not Stated	Not Stated
Light Kit Available	Yes	Yes	Yes	Yes	Yes
Locking Casters	Yes	Yes	Yes	Yes	Yes
Compressed Air Required	NO	NO	Yes	NO	Yes
Model	PFE-750-8	K1653-4	K1741-3	951508	951511

Notes: 1. A minimum MERV rating of 17 or higher & NRTL CERTIFICATION is required to be equivalent to HEPA.
2. Only the PFE-750-8, K1653-2, 951508, and 951511 include an arm assembly.

Metal particles captured by HEPA filter @ 0.3 micron w/99.97% efficiency @ 1 inch of static pressure:
Chromium, Cadmium, Cobalt, Lead, Manganese, Nickel, and Zinc

Fume-Air™ 750

Item No.	Description
PFE-750-8	115/230 VAC, 12.5 AMP, 1 HP, filter change indicator, 10 foot arm assembly, 6" diameter arm, 13" wide fume hood, 5" casters, prefilter pad, 99.97% HEPA filter



Filters & Accessories

Item No.	Description
PFE-2412HF	HEPA filter (99.97%), 24" x 24" x 11.5" - Package of 1
PFE-2424PF	Prefilter pad, 24" x 24" x 1", package of 10
PFE-2424C	Charcoal impregnated prefilter pad, 24" x 24" x 1", package of 10



www.AirSystems.com

Air Systems International, Inc.

Email: sales@airsystems.com

Catalog Request: catalog@airsystems.com

The Industry Leader in Breathing Air Filtration & Portable Ventilation