

FA1 Series

PRODUCT SPECIFICATIONS



AIR FILTRATION SYSTEM

Eliminates process dust, gases and odors

Applications include:

- Laser Fume Extraction
- Dust collection
- Soldering
- Engraving
- Grinding
- Drilling

Large capacity multi - stage filtration

- Inexpensive large capacity pre-filters
- Large capacity HEPA filter
- High efficiency gas/odor filters featuring "dustless" bonded carbon technology

Modular filter system allows for easy application-specific configuration

Digital Controls

- Electronic variable speed blower control
- Filter monitoring with display
- Calibrated electronic VOC/gas sensor
- Electronic relays for remote start/stop

Quiet, Powerful Blower

- Centrifugal, direct-drive brushless, no lube bearings

Optional Accessories

- State-of-the-art articulating arms and a wide selection of hoods and flex hoses for source-capture use



FUMEX® ... your guarantee of safety, reliability, flexibility and ease of operation.

FA1 Series

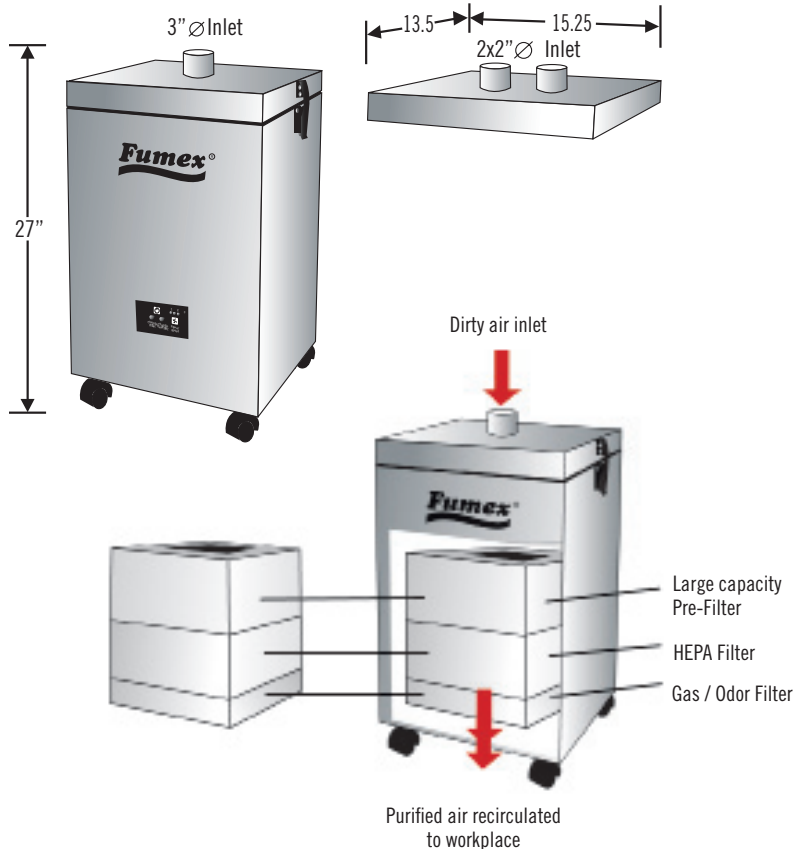
PRODUCT SPECIFICATIONS



TECH DATA FA1 Series

For light to-medium flows of process dust, fume, gas & odor

DIMENSIONS - INCHES



FA1 Specifications

Construction:

Cabinet: 16 ga . welded steel, powdercoat finish
Baffled – sound attenuated
Sound Level: 59 dbA
Weight: 80 lbs

Blowers:

Performance: 165 cfm @ 19" wc
Centrifugal - direct-drive, brushless motor

Electrics/Controls:

120/1/50-60 or 230/1/50-60
Pre-wired 3 wire power cable, 7.5 ft (2.3m) w/plug
Digital Controls

- Electronic variable speed blower control
 - Electronic filter monitoring w/ display
 - Calibrated electronic VOC /gas sensor
 - Electronic relays for remote start/stop
- Amp Draw: 6.0 / 4.0

Standard Equipment

UL listed compliance
Standard Filter Set
1 x 3" or 2 x 2" air inlet
5 ft. 2-ply rubber hose, smooth core
2"/51mm or 3"/76mm inside diameter w/hose clamps
(4) Industrial grade wheels
Installation guide / Operations manual

Standard Filter Set

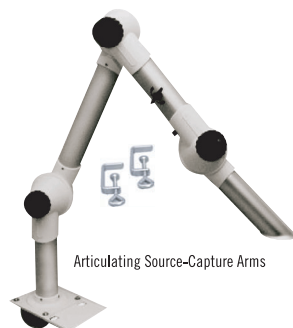
- Pre-filter
- Inexpensive polyester pre-filter
 - MERV 11 rated filter media
 - Clean design limits operator exposure to particulates during filter changes
- HEPA Filter
- 99.97% efficient @ .3 microns
 - Large capacity mini-pleat construction
- Gas/Odor Filter
- Blended media allows for broad spectrum gas/odor control
 - Improved bonded carbon technology maximizes one pass efficiency
 - Dustless construction suitable for all environments
 - 100 % recyclable construction

Options:

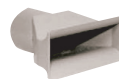
High efficiency hoods
Optional ducted exhaust
Gas-specific filters

FUMEX ACCESSORIES

Articulating Source - Capture Arms



Source Capture Hoods



Rectangular Hood
4" x 1" x 2" \varnothing Hose



High Efficiency Aluminum Hoods
1", 2" \varnothing or 3" \varnothing Hoses



Flexible Rubber Hoses
2" \varnothing , 3" \varnothing



Bench-Mounted Metal Hood
12" x 5" x 5" x 2" \varnothing Hose