AIR FILTRATION SYSTEM
Eliminates light-duty process dust, gases and odors

Applications Include:
- Laser Fume Extraction
- Soldering
- Engraving
- Grinding
- Drilling

High efficiency filtration in a compact footprint:
- Easy integration into mobile carts/cabinets
- Mobile or “demo” applications
- Small footprint for lab or testing services

Multi-stage filtration
- Inexpensive large capacity pre-filters
- 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 MINI
PRODUCT SPECIFICATIONS

TECH DATA FA1 MINI
Ideal for light duty applications

DIMENSIONS - INCHES

FA1 Mini Specifications

Construction:
- Cabinet: 16 ga. welded steel, powdercoat finish
- Baffled - sound attenuated

Sound Level: 59 dBA

Weight: 45 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 individual filter monitoring w/ display
  - Calibrated electronic VOC/gas sensor
  - Electronic relays for remote start/stop and filter monitoring
- Amp Draw: 6.0 / 4.0

Standard Equipment
- UL listed compliance
- Standard Filter Set
  - 3" or 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(s): Polyester pre-filter
- HEPA Filter: 99.97% efficient @ 0.3 micron
- Adsorbent Cell: Large capacity gas filter
  - Blended activated carbon and activated alumina impregnated with potassium permanganate (provides broad spectrum gas control)
  - 100% recyclable environmentally safe cell.

Options:
- High efficiency hoods
- Optional ducted exhaust
- Gas-specific filters

FUMEX ACCESSORIES

Articulating Source - Capture Arms

Source Capture Hoods

- Domed Hood
  - 14" diameter x 2" or 3" Hose

- Rectangular Hood
  - 4" x 1" x 2" Hose

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

- Clear Flat Screen Hood
  - 12" x 8" x 2" or 3" Hose

- High Efficiency Aluminum Hoods
  - 1", 2" or 3" Hoses

- Flexible Rubber Hoses
  - 2"Ø, 3"Ø

Purified air recirculated
to workplace

Dirty air inlet

Polyester pre-filter

HEPA Filter

Adsorbent Cell

100% recyclable
environmentally
safe cell

1 inch