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

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Value</th>
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<tbody>
<tr>
<td>Height</td>
<td>27&quot;</td>
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<tr>
<td>Diameter</td>
<td>13.5&quot;</td>
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FUMEX ACCESSORIES

Articulating Source - Capture Arms

Source Capture Hoods

FA1 Specifications

**Construction:**
- Cabinet: 16 ga. welded steel, powder coat finish
- Baffled - sound attenuated
- Sound Level: 59 dB
- Weight: 90 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

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