

Trusted Fume  
Extraction Solutions for  
Industrial Applications to  
**Protect Workers,  
Equipment and the  
Environment**



Laser



Electronic  
Manufacturing



Printing



3D Printing



Mechanical  
Engineering



Pharmaceutical  
& Dental



Chemicals  
& Plastics



Welding



Dust  
Control



Odor &  
Gas Removal

### Why Fumex

**Expertise**  
*Pioneer in source capture technology*

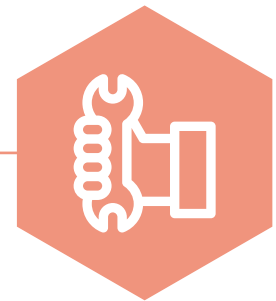


**Customized Solutions**  
*Flexibility and versatility to fit your needs*

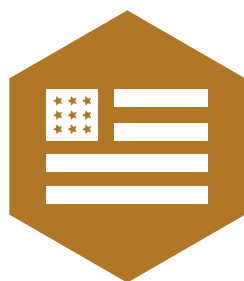


**Lowest Total Cost of Ownership**

*Best in class engineering, performance & smart controls ensure operational efficiency.*



**Technical Support**  
*US-based support experts and easy online ordering*



**Made in USA**

*All units are manufactured in Georgia and ship within 5 days*



**Market Leader**  
*Over 20,000 installations worldwide*



**Safe and Compliant**  
*Maintain EHS and OSHA compliance*

#### AVTECHNOLOGY TRADING COMPANY



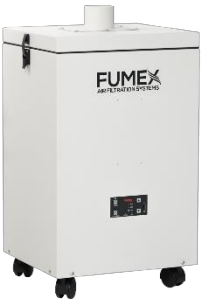




BLK 134 Lot 6 2, C. Arellano Street, Katarungan Village Poblacion, Muntinlupa City, 1776 Philippines








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<https://avtechnology.ph>



As the worldwide leader in the design and manufacture of commercial & industrial fume extraction systems and industrial indoor air filtration systems, Fumex manufactures a complete line of fume extraction systems specifically designed for your application and industry. Our fume extractors are self-contained for easy use and installation. Our laser fume extractors and other air filtration systems target any process that produces gas, odor, or dust. We incorporate the latest technology allowing you flexible configurations depending on type of particulate, air flow required, environmental, ergonomic & integration considerations.

	FA1 Mini	FA1	FA1-E	FA2	FA2-P	FA5-1	FA5-2
Unit Model							
Cabinet Construction	16-gauge welded steel powder coat finish Baffled sound attenuated	16-gauge welded steel powder coat finish Baffled sound attenuated	16-gauge welded steel powder coat finish Baffled sound attenuated	304 grade Brushed stainless steel IP56 compliance Baffled sound attenuated	Powder coated painted steel Baffled sound attenuated	304 grade Brushed stainless steel IP56 compliance Baffled sound attenuated	304 grade Brushed stainless steel IP56 compliance Baffled sound attenuated
Dimensions	18 1/2" H x 13 5/8" L 13 5/8" W	25 1/2" H x 13 3/4" L 15 1/4" W	25 1/2" H x 13 3/4" L 15 1/4" W	35 3/4" H x 18 1/2" L 15 1/4" W	35 3/4" H x 18 1/2" L 15 1/4" W	35 1/4" H x 20 1/2" L 22 7/8" W	35 1/4" H x 20 1/2" L 22 7/8" W
Sound Level	55 dbA	59 dbA	59 dbA	60 dbA	60 dbA	59 dbA	59 dbA
Weight	60 lbs.	65 lbs.	65 lbs.	101 lbs.	101 lbs.	134 lbs.	134 lbs.
Inlet Options	1 x 2", 1 x 3" or 2 x 2"	1 x 2", 1 x 3" or 2 x 2"	1 x 2", 1 x 3" or 2 x 2"	2", 3" or 4"	2", 3" or 4"	3", 4" or 6"	3", 4" or 6"
Blower(s) Performance	<b>165 cfm @ 19" wc</b> Centrifugal - direct-drive, brushless motor 20,000 hr. + mtbf	<b>165 cfm @ 19" wc</b> Centrifugal - direct-drive, brushless motor 20,000 hr. + mtbf	<b>165 cfm @ 19" wc</b> Centrifugal - direct-drive, brushless motor 20,000 hr. + mtbf	<b>266 cfm @ 39" wc</b> Centrifugal - direct-drive, brushless motor 20,000 hr. + mtbf	<b>266 cfm @ 39" wc</b> Centrifugal - direct-drive, brushless motor 20,000 hr. + mtbf	<b>305 cfm @ 39" wc</b> Centrifugal - direct-drive, brushless motor 20,000 hr. + mtbf	<b>450 cfm @ 39" wc</b> Centrifugal - direct-drive, brushless motor 20,000 hr. + mtbf
Electrics Controls	90/250/1/50-60 (120v or 240v plug)  Digital display with variable speed blower  IEC14 Receptacle with 9 ft. power cable	90/250/1/50-60 (120v or 240v plug)  Digital display with variable speed blower  IEC14 Receptacle with 9 ft. power cable	90/250/1/50-60 (120v or 240v plug)  Digital display with variable speed blower  IEC14 Receptacle with 9 ft. power cable	90/250/1/50-60 (120v or 240v plug)  Digital display with variable speed blower  Pre-wired 3 wire power cable, 9 ft. w/plug	90/250/1/50-60 (120v or 240v plug)  Digital display with variable speed blower  Pre-wired 3 wire power cable, 9 ft. w/plug	90/250/1/50-60 (120v or 240v plug)  Digital display with variable speed blower  Pre-wired 3 wire power cable, 9 ft. w/plug	90/250/1/50-60 (120v or 240v plug)  Digital display with variable speed blower  Pre-wired 3 wire power cable, 9 ft. w/plug

	FA1 Mini	FA1	FA1-E	FA2	FA2-P	FA5-1	FA5-2
Unit Model							
Optional Relay Wiring for PLC	Yes Fumex Part # FA228 two-way communication Digital Interface Package	Yes Fumex Part # FA228 two-way communication Digital Interface Package	Yes Fumex Part # FA228 two-way communication Digital Interface Package	Yes Fumex Part # FA227 two-way communication Digital Interface Package	Yes Fumex Part # FA227 two-way communication Digital Interface Package	Yes Fumex Part # FA227 two-way communication Digital Interface Package	Yes Fumex Part # FA227 two-way communication Digital Interface Package
Digital Controls	Electronic variable speed blower control  High visibility filter indicator  Calibrated electronic gas sensor	Electronic variable speed blower control  High visibility filter indicator  Calibrated electronic gas sensor	Electronic variable speed blower control  High visibility filter indicator  Calibrated electronic gas sensor	Electronic variable speed blower control  Electronic individual filter monitoring w/ display  Calibrated electronic gas sensor	Electronic variable speed blower control  Electronic individual filter monitoring w/ display  Calibrated electronic gas sensor	Electronic variable speed blower control  Electronic individual filter monitoring w/ display  Calibrated electronic gas sensor	Electronic variable speed blower control  Electronic individual filter monitoring w/ display  Calibrated electronic gas sensor
Standard Equipment	UL, ULC and CE/TUV compliance available  5 ft. 2-ply ribbed rubber hose with clamps  Digital control Board  (4) Industrial grade wheels  Installation guide / Operations manual	UL, ULC and CE/TUV compliance available  5 ft. 2-ply ribbed rubber hose with clamps  Digital control Board  (4) Industrial grade wheels  Installation guide / Operations manual	UL, ULC and CE/TUV compliance available  5 ft. 2-ply ribbed rubber hose with clamps  Digital control Board  (4) Industrial grade wheels  Installation guide / Operations manual	UL, ULC and CE/TUV compliance available  8 ft. 2-ply ribbed rubber hose with clamps  Digital graphic display/controls  (4) Industrial grade wheels – 2 locking  Installation guide / Operations manual	UL, ULC and CE/TUV compliance available  8 ft. 2-ply ribbed rubber hose with clamps  Digital graphic display/controls  (4) Industrial grade wheels – 2 locking  Installation guide / Operations manual	UL, ULC and CE/TUV compliance available  8 ft. 2-ply ribbed rubber hose with clamps  Digital graphic display/controls  (4) Industrial grade wheels – two locking  Installation guide / Operations manual	UL, ULC and CE/TUV compliance available  8 ft. 2-ply ribbed rubber hose with clamps  Digital graphic display/controls  (4) Industrial grade wheels – two locking  Installation guide / Operations manual
Standard Filter Set	3" Pre-Filters: Polyester Filter: <b>FA103</b> Pleated Panel: <b>FA102</b> 85% efficient MERV 11  2" - HEPA Filter: <b>FA100-2</b> 99.97% efficient @ 0.3 micron  2" - Gas / Odor filter: <b>FA101D</b> Provides broad spectrum gas/odor control  Bonded carbon construction technology	5.5" Pre-Filter: <b>FA102B</b> 85% efficient MERV 11  6" - HEPA Filter: <b>FA100</b> Large capacity  99.97% efficient @ 0.3 micron  2" - Gas/ Odor filter: <b>FA101D</b> Provides broad spectrum gas/odor control  Bonded carbon construction technology	5.5" Pre-Filter: <b>FA102B</b> 85% efficient MERV 11  2" HEPA Filter: <b>FA100-2</b> 99.97% efficient @ 0.3 micron  6" - Gas / Odor filter: <b>FA201D</b> Large capacity  Provides broad spectrum gas/odor control  Bonded carbon construction technology	10" Pre-Filter: <b>FA140B-2</b> Large capacity 99% efficient @ 1.0 micron  6" - HEPA Filter: <b>FA100</b> 99.97% efficient @ 0.3 micron  6" - Gas / Odor filter: <b>FA201D</b> Provides broad spectrum gas/odor control  Bonded carbon construction technology	10" Pre-Filter: <b>FA140B-2</b> Large capacity 99% efficient @ 1.0 micron  6" - HEPA Filter: <b>FA100</b> 99.97% efficient @ 0.3 micron  6" - Activated Gas / Odor filter: <b>FA201D</b> Provides broad spectrum gas/odor control  Bonded carbon construction technology	9" - Pre-Filter: <b>FA540B</b> Large capacity 99% efficient @ 1.0 micron  4" - HEPA Filter: <b>FA500</b> 99.997% efficient @ 0.3 micron  4" - Activated Gas / Odor filter: <b>FA501D</b> Provides broad spectrum gas/odor control	9" - Pre-Filter: <b>FA540B</b> Large capacity 99% efficient @ 1.0 micron  4" - HEPA Filter: <b>FA500</b> 99.997% efficient @ 0.3 micron  4" - Activated Gas / Odor filter: <b>FA501D</b> Provides broad spectrum gas/odor control



The FA1 Mini Dust Collector manufactured by Fumex, Inc., utilizes a high-performance blower and a 4-stage hybrid filter system to capture and remove dust and particulates generated in many applications and processes. Two large capacity prefilters protect the systems HEPA and gas/odor filters providing a cost-effective, efficient dust collection system. Ideal for a variety of light duty applications



Laser



Electronics



Printing



3D Printing



Mechanical  
Engineering



Dental



Pharmaceutical  
& Medical



Beauty



Other



### Construction:

- Cabinet: 16 ga. welded steel, powder coat finish
- Baffled – sound attenuated
- Sound Level: 55 dbA
- Weight: 60 lbs.

### Blowers:

- Performance: 165 cfm @ 19" wc
- Variable speed blower
- Centrifugal - direct-drive, brushless motor
- Rated 20,000 hour + mtbf

### Electrics/Controls:

- 90/250/1/50-60 (120v or 240v plug)
- Digital display with variable speed blower
- Pre-wired 3 wire power cable, 9 ft. with plug
- Digital Controls
  - Electronic variable speed blower control
  - High visibility LED filter indicator
- Calibrated electronic VOC gas sensor
- Electronic digital interface relay for two-way communication, filter monitoring and remote start/stop control
- Amp Draw: 6.0 (120v) or 4.0 (240v)

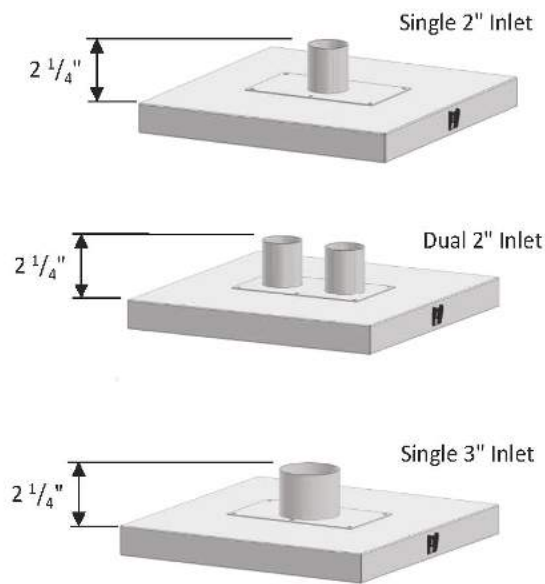
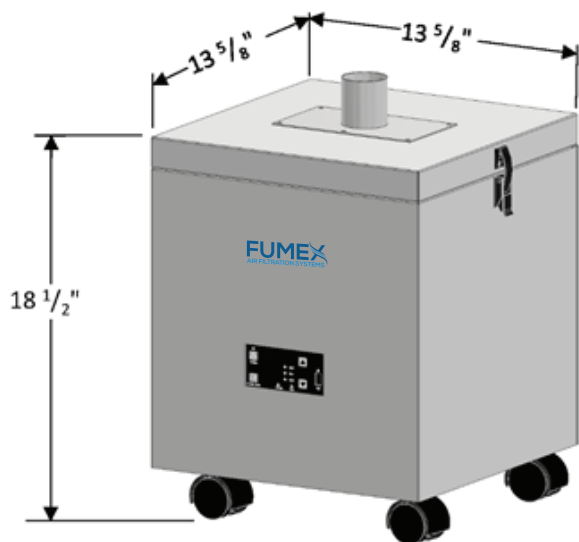
### Standard Equipment:

- UL, ULC and CE/TUV compliance available
- 5 ft. 2-ply ribbed rubber hose
- 1 x 2" inlet, 1 x 3" inlet or 2 x 2" inlet diameter hose with clamps
- Digital graphic controls
- (4) Industrial grade wheels
- Installation guide / Operations manual

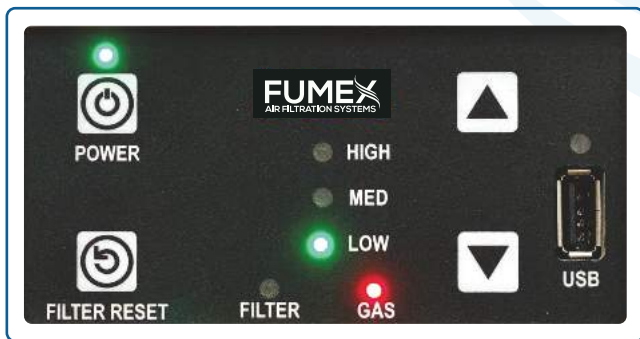
### Standard Filter Set:

- 3" - Pre-Filters:
  - 1 - Polyester filter
  - 1- Deep-pleated 85% efficient MERV 11 panel filter
- 2" - HEPA Filter:
  - 99.97% efficient @ 0.3 micron
- 2" - Gas / Odor Filter
  - Provides broad spectrum gas/odor control
  - Dustless construction suitable for all environments
  - Bonded carbon technology maximizes one pass efficiency
  - 100 % recyclable construction

# TECHNICAL DATA



- Programmable via USB port pressure set points, blower speeds, and VOC detection
- High visibility LED display indicating blower speed, filter, and unit system status
- System Data logging: monitoring blower usage, filter service intervals accessed by USB port



- Polyester Pre-Filter (FA103)
- Pleated Panel Filter (FA102)
- HEPA Filter (FA100-2)
- Activated Carbon Filter (FA101D)



## Source Capture Arms and Hoods



## Additional Application Accessories



The Fumex FA1 industrial indoor air cleaner utilizes a high performance 3 stage hybrid air cleaning system to capture and treat air pollutants produced by many industrial processes. Easy to use digital controls and an integrated electronic gas sensor continuously monitor system performance and display operating parameters. A large capacity pre-filter protects the systems large HEPA filter providing an extremely cost-effective, efficient indoor air cleaning system. The FA1's filtration capacity and powerful, quiet variable speed blower provide maximum application flexibility. Ideal for a variety of light to medium duty air cleaning applications.



Laser



Electronics



Printing



3D Printing



Mechanical  
Engineering



Dental



Pharmaceutical  
& Medical



Beauty



Other



### Construction:

- Cabinet: 16 ga. welded steel, powder coat finish
- Baffled – sound attenuated
- Sound Level: 59 dbA
- Weight: 65 lbs.

### Blowers:

- Performance: 165 cfm @ 19" wc
- Variable speed blower
- Centrifugal - direct-drive, brushless motor
- Rated 20,000 hour + mtbf

### Electrics/Controls:

- 90/250/1/50-60 (120v or 240v plug)
- Digital display with variable speed blower
- Pre-wired 3 wire power cable, 9 ft. with plug
- Digital Controls
  - Electronic variable speed blower control
  - High visibility LED filter indicator
- Calibrated electronic VOC gas sensor
- Electronic digital interface relay for two-way communication, filter monitoring and remote start/stop control
- Amp draw to 6.0 (120v) or 4.0 (240v)

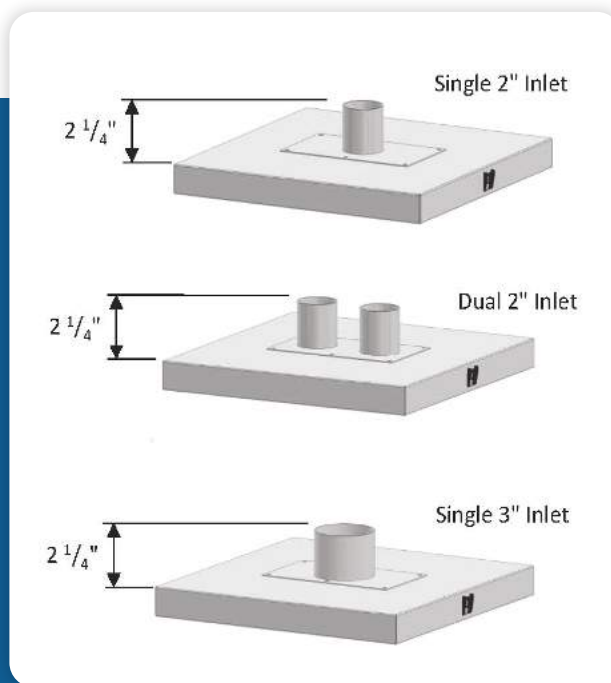
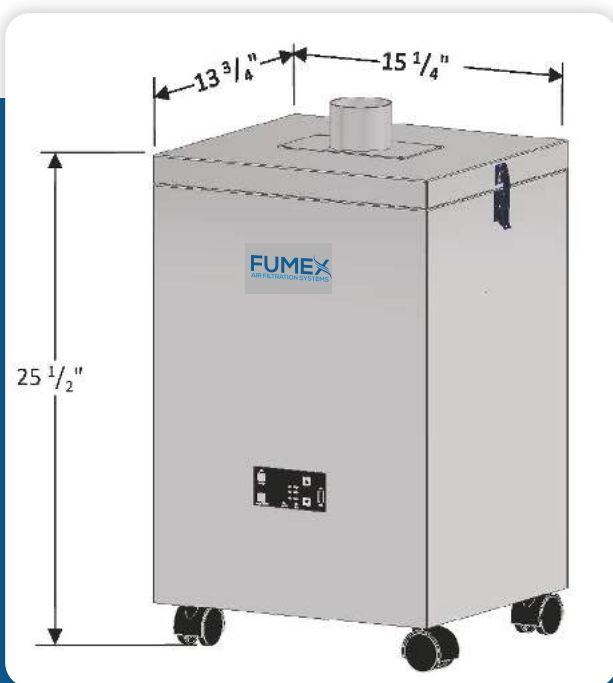
### Standard Equipment:

- UL, ULC and CE/TUV compliance available
- 5 ft. 2-ply ribbed rubber hose
- 1 x 2" inlet, 1 x 3" inlet or 2 x 2" inlet diameter hose with clamps
- Digital graphic controls
- (4) Industrial grade wheels
- Installation guide / Operations manual

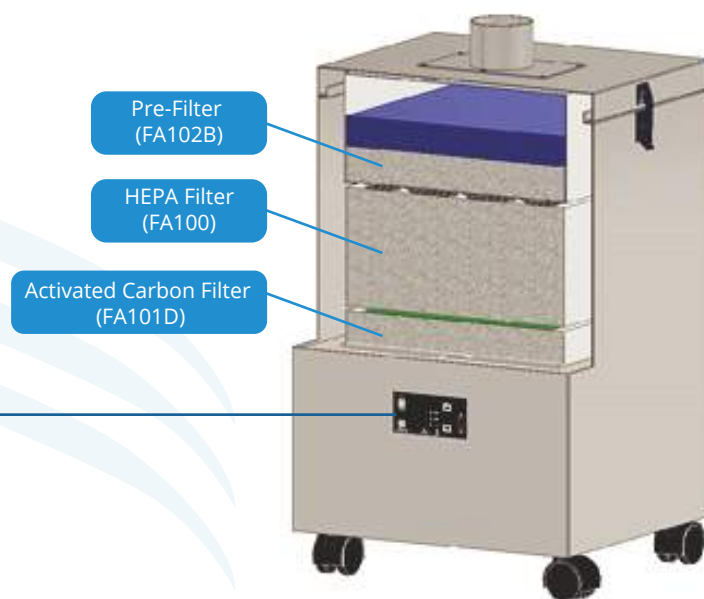
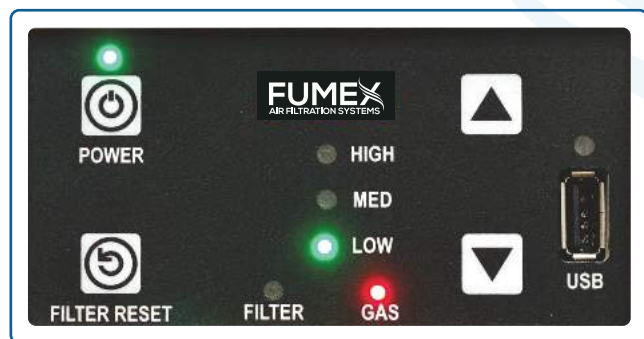
### Standard Filter Set:

- 5.5" - Pre-Filter:
  - Large capacity 85% efficient MERV 11 panel filter
  - Clean design limits operator exposure to particulates
- 6" - HEPA Filter:
  - 99.97% efficient @ 0.3 micron
  - Large capacity mini-pleat construction
- 2" - Gas / Odor Filter:
  - Provides broad spectrum gas/odor control
  - Dustless construction suitable for all environments
  - Bonded carbon technology maximizes one pass efficiency
  - 100 % recyclable construction

# TECHNICAL DATA



- Programable via USB port pressure set points, blower speeds, and VOC detection
- High visibility LED display indicating blower speed, filter, and unit system status
- System Data logging: monitoring blower usage, filter service intervals accessed by USB port



## Source Capture Arms and Hoods



## Additional Application Accessories





The Fumex FA1-E industrial indoor air cleaner utilizes a high performance 3 stage hybrid air cleaning system to capture and treat air pollutants produced by many industrial processes. Easy to use digital controls and an integrated electronic gas sensor continuously monitor system performance and display operating parameters. A large capacity pre-filter protects the systems large HEPA filter providing an extremely cost-effective, efficient indoor air cleaning system. The FA1's filtration capacity and powerful, quiet variable speed blower provide maximum application flexibility. Ideal for a variety of light to medium duty air cleaning applications.



Laser



Electronics



Printing



3D Printing



Mechanical  
Engineering



Dental



Pharmaceutical  
& Medical



Beauty



Other



### Construction:

- Cabinet: 16 ga. welded steel, powder coat finish
- Baffled – sound attenuated
- Sound Level: 59 dbA
- Weight: 65 lbs.

### Blowers:

- Performance: 165 cfm @ 19" wc
- Variable speed blower
- Centrifugal - direct-drive, brushless motor
- Rated 20,000 hour + mtbf

### Electrics/Controls:

- 90/250/1/50-60 (120v or 240v plug)
- Digital display with variable speed blower
- Pre-wired 3 wire power cable, 9 ft. with plug
- Digital Controls
  - Electronic variable speed blower control
  - High visibility LED filter indicator
- Calibrated electronic VOC gas sensor
- Electronic digital interface relay for two-way communication, filter monitoring and remote start/stop control
- Amp draw to 6.0 (120v) or 4.0 (240v)

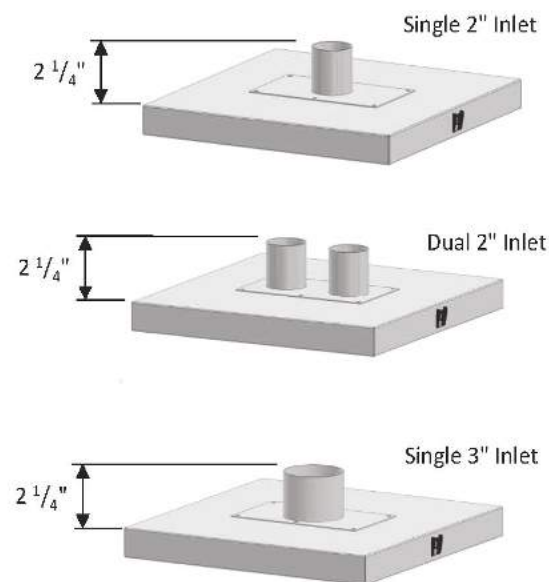
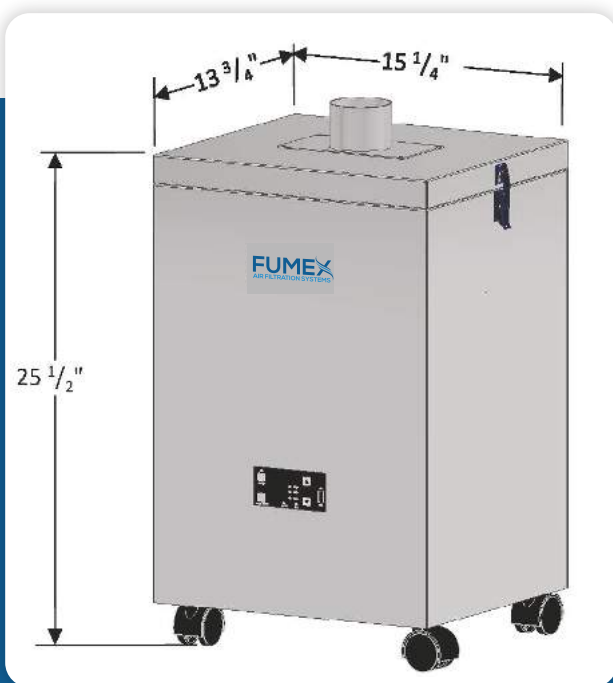
### Standard Equipment:

- UL, ULC and CE/TUV compliance available
- 5 ft. 2-ply ribbed rubber hose
- 1 x 2" inlet, 1 x 3" inlet or 2 x 2" inlet diameter hose with clamps
- Digital graphic controls
- (4) Industrial grade wheels
- Installation guide / Operations manual

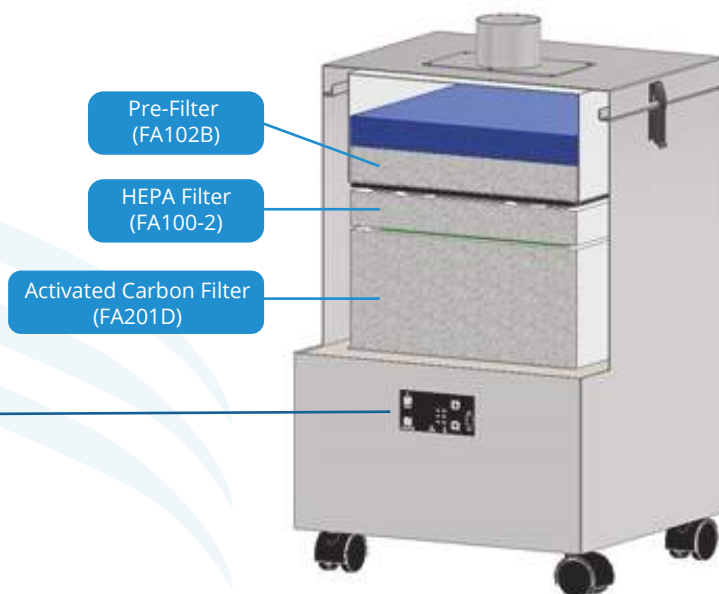
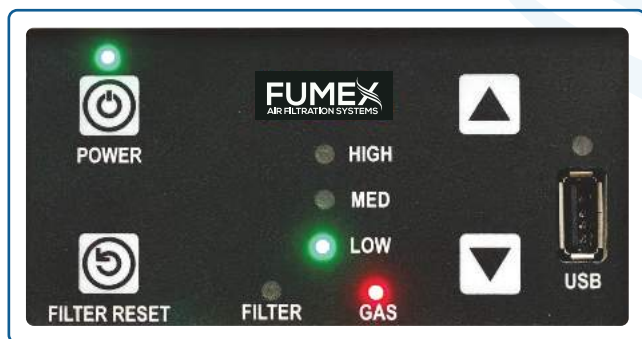
### Standard Filter Set:

- 5.5" - Pre-Filter:
  - Large capacity 85% efficient MERV 11 panel filter
  - Clean design limits operator exposure to particulates
- 2" - HEPA Filter:
  - 99.97% efficient @ 0.3 micron
- 6" - Gas / Odor Filter:
  - Large capacity gas / odor filter
  - Provides broad spectrum gas/odor control
  - Dustless construction suitable for all environments
  - Bonded carbon technology maximizes one pass efficiency
  - 100 % recyclable construction

# TECHNICAL DATA



- Programmable via USB port pressure set points, blower speeds, and VOC detection
- High visibility LED display indicating blower speed, filter, and unit system status
- System Data logging: monitoring blower usage, filter service intervals accessed by USB port



## Source Capture Arms and Hoods



## Additional Application Accessories



The Fumex FA1-HF (High Flow) industrial indoor air cleaner utilizes a high performance 3 stage hybrid air cleaning system to capture and treat air pollutants produced by many industrial processes. Easy to use digital controls and an integrated electronic gas sensor continuously monitor system performance and display operating parameters. A large capacity pre-filter protects the systems large HEPA filter providing an extremely cost-effective, efficient indoor air cleaning system. The FA1's filtration capacity and powerful, quiet variable speed blower provide maximum application flexibility. Ideal for a variety of light to medium duty air cleaning applications.



Laser



Electronics



Printing



3D Printing



Mechanical  
Engineering



Dental



Pharmaceutical  
& Medical



Beauty



Other



### Construction:

- Cabinet: 16 ga. welded steel, powder coat finish
- Baffled – sound attenuated
- Sound Level: 59 dbA
- Weight: 65 lbs.

### Blowers:

- Performance: 266 cfm @ 39" wc
- Variable speed blower
- Centrifugal - direct-drive, brushless motor
- Rated 20,000 hour + mtbf

### Electrics/Controls:

- 90/250/1/50-60 (120v or 240v plug)
- Digital display with variable speed blower
- Pre-wired 3 wire power cable, 9 ft. with plug
- Digital Controls
  - Electronic variable speed blower control
  - High visibility LED filter indicator
- Calibrated electronic VOC gas sensor
- Electronic digital interface relay for two-way communication, filter monitoring and remote start/stop control
- Amp draw to 12.0 (120v) or 8.0 (240v)

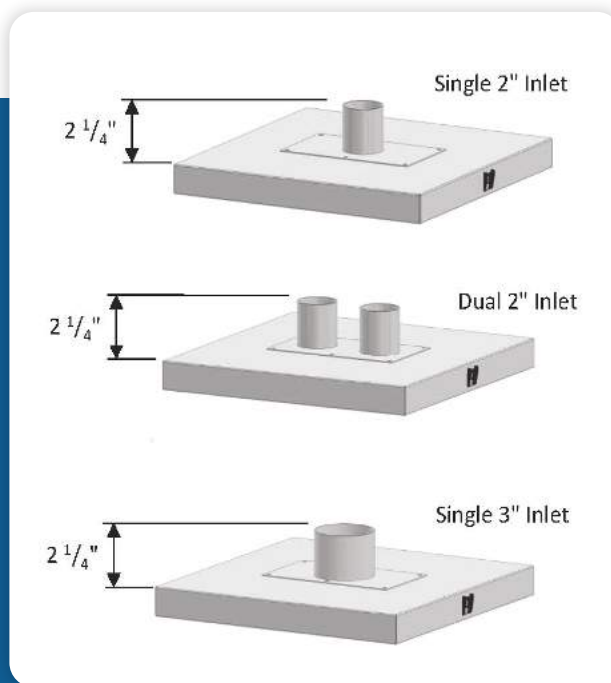
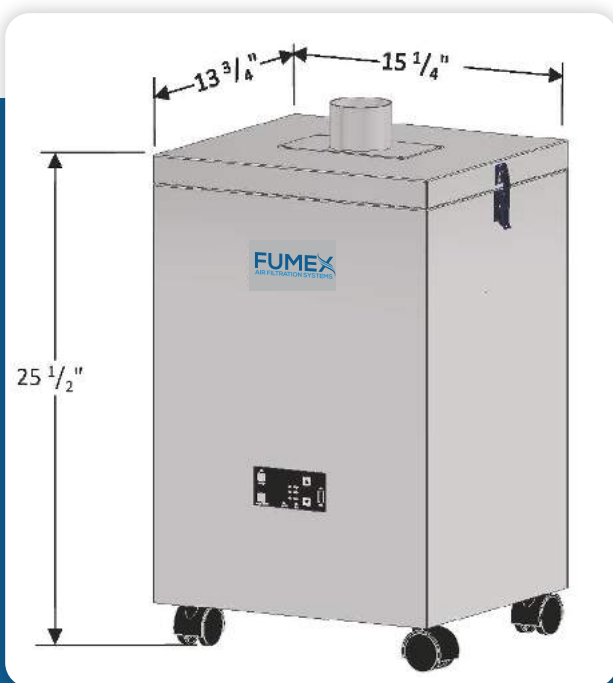
### Standard Equipment:

- UL, ULC and CE/TUV compliance available
- 5 ft. 2-ply ribbed rubber hose
- 1 x 2" inlet, 1 x 3" inlet or 2 x 2" inlet diameter hose with clamps
- Digital graphic controls
- (4) Industrial grade wheels
- Installation guide / Operations manual

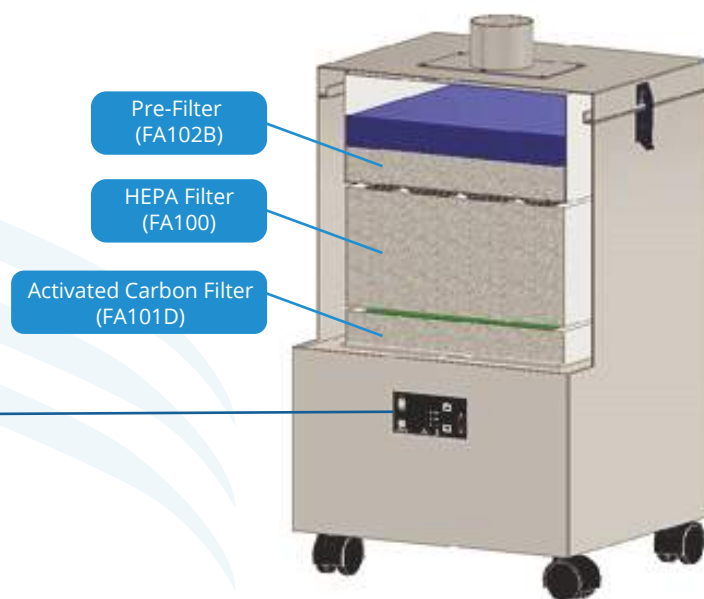
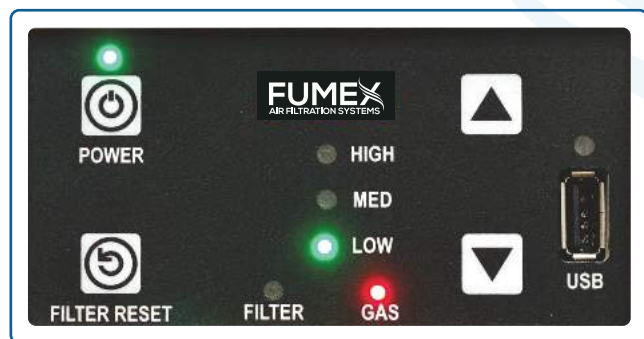
### Standard Filter Set:

- 5.5" - Pre-Filter:
  - Large capacity 85% efficient MERV 11 panel filter
  - Clean design limits operator exposure to particulates
- 6" - HEPA Filter:
  - 99.97% efficient @ 0.3 micron
  - Large capacity mini-pleat construction
- 2" - Gas / Odor Filter:
  - Provides broad spectrum gas/odor control
  - Dustless construction suitable for all environments
  - Bonded carbon technology maximizes one pass efficiency
  - 100 % recyclable construction

# TECHNICAL DATA



- Programmable via USB port pressure set points, blower speeds, and VOC detection
- High visibility LED display indicating blower speed, filter, and unit system status
- System Data logging: monitoring blower usage, filter service intervals accessed by USB port



## Source Capture Arms and Hoods



## Additional Application Accessories





The Fumex FA2-P fume extractor utilizes a high performance 3 stage hybrid air filter system to capture and treat air pollutants generated during laser engraving processes. Operator friendly digital controls and integrated electronic gas sensor continuously monitor the system performance and display operating parameters on the high-visibility LED screen. Large capacity inexpensive pre-filters extend filter change intervals and protects the large HEPA filter and gas/odor filter offering an extremely cost-effective, efficient laser engraver fume extractor system. High performance variable speed blower provides maximum application flexibility. Ideal for medium to heavy duty laser engraving applications.



Laser



Electronics



Printing



3D Printing



Mechanical  
Engineering



Dental



Pharmaceutical  
& Medical



Beauty



Other



### Construction:

- Cabinet: Double powder coated painted steel
- Baffled – sound attenuated
- Sound Level: 60 dbA
- Weight: 101 lbs. / 46 kg.

### Blowers:

- Performance: 266 cfm @ 39" wc
- Variable speed blower
- Centrifugal - direct-drive, brushless motor
- Rated 20,000 hour + mtbf

### Electrics/Controls:

- 90/250/1/50-60 (120v or 240v plug)
- Digital display with variable speed blower
- Pre-wired 3 wire power cable, 9 ft. with plug
- Digital Controls
- Electronic variable speed blower control
- Electronic individual filter monitoring with display
- Calibrated electronic VOC gas sensor
- Electronic digital interface relay for two-way communication, filter monitoring and remote start/stop control
- Amp draw to 12.0 (120v) or 8.0 (240v)

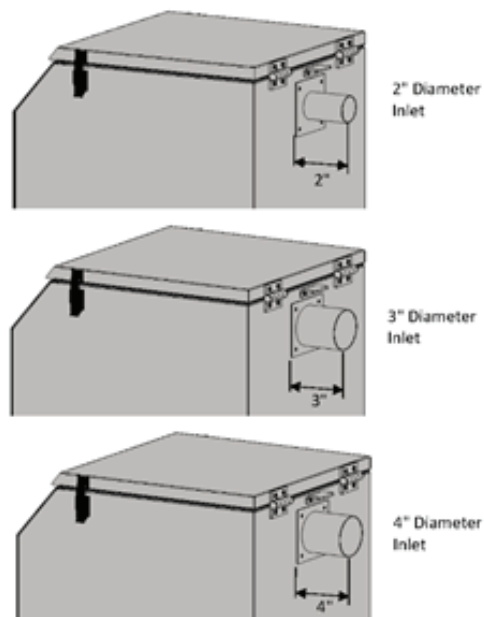
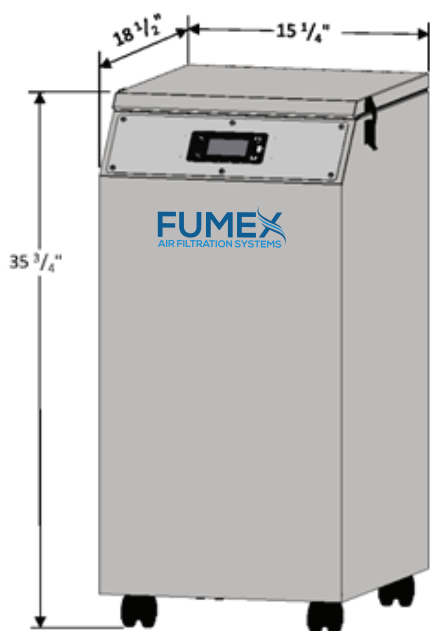
### Standard Equipment:

- UL, ULC and CE/TUV compliance available
- 8 ft. 2-ply ribbed rubber hose
- 2", 3" or 4" inlet diameter hose with clamps
- Digital graphic controls
- (4) Industrial grade wheels – two locking
- Installation guide / Operations manual

### Standard Filter Set:

- 10" - Pre-Filter:
  - o Large capacity box style
  - o 99% efficient @ 1.0 micron
  - o Deep-pleated dimpled media
- 6" - HEPA Filter:
  - o 99.97% efficient @ 0.3 micron
- 6" - Gas / Odor Filter:
  - o Large capacity gas/odor Filter
  - o Provides broad spectrum gas/odor control
  - o Dustless construction suitable for all environments
  - o Bonded carbon technology maximizes one pass efficiency

# TECHNICAL DATA



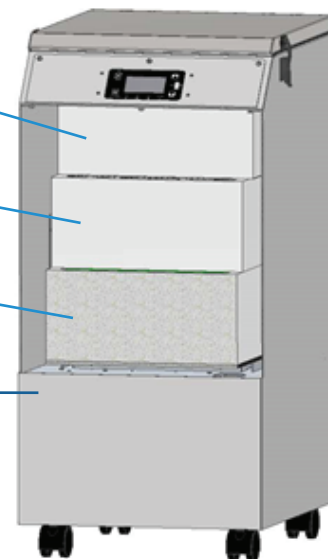
- Programable via USB port pressure set points, blower speeds, and VOC detection
- High visibility Graphic display indicating blower speed, filter, and unit system status
- System Data logging: monitoring blower usage, filter service intervals accessed by USB port



Large Capacity  
Pre-Filter  
(FA140B-2)

HEPA Filter  
(FA100)

Activated Carbon  
Gas / Odor Filter  
(FA201D)



## FUMEX ACCESSORIES

### Source Capture Arms and Hoods



FA122



FXA-127



FXA-36-31



FXA-125



FA-127



A-28-2

### Additional Application Accessories



FA151 (Bench Hood)



FA150 (Spark Arrestor)



FB1 (External High-Capacity Pre-filter)

The Fumex FA2 fume extractor utilizes a high performance 3 stage hybrid air filter system to capture and treat air pollutants generated during laser engraving processes. Operator friendly digital controls and integrated electronic gas sensor continuously monitor the system performance and display operating parameters on the high-visibility LED screen. Large capacity inexpensive pre-filters extend filter change intervals and protects the large HEPA filter and gas/odor filter offering an extremely cost-effective, efficient laser engraver fume extractor system. High performance variable speed blower provides maximum application flexibility. Ideal for medium to heavy duty laser engraving applications.



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Mechanical  
Engineering



Dental



Pharmaceutical  
& Medical



Beauty



Other



### Construction:

- Cabinet: 304 grade Brushed stainless steel to IP56 compliance
- Baffled – sound attenuated
- Sound Level: 60 dbA
- Weight: 101 lbs. / 46 kg.

### Blowers:

- Performance: 266 cfm @ 39" wc
- Variable speed blower
- Centrifugal - direct-drive, brushless motor
- Rated 20,000 hour + mtbf

### Electrics/Controls:

- 90/250/1/50-60 (120v or 240v plug)
- Digital display with variable speed blower
- Pre-wired 3 wire power cable, 9 ft. with plug
- Digital Controls
- Electronic variable speed blower control
- Electronic individual filter monitoring with display
- Calibrated electronic VOC gas sensor
- Electronic digital interface relay for two-way communication, filter monitoring and remote start/stop control
- Amp draw to 12.0 (120v) or 8.0 (240v)

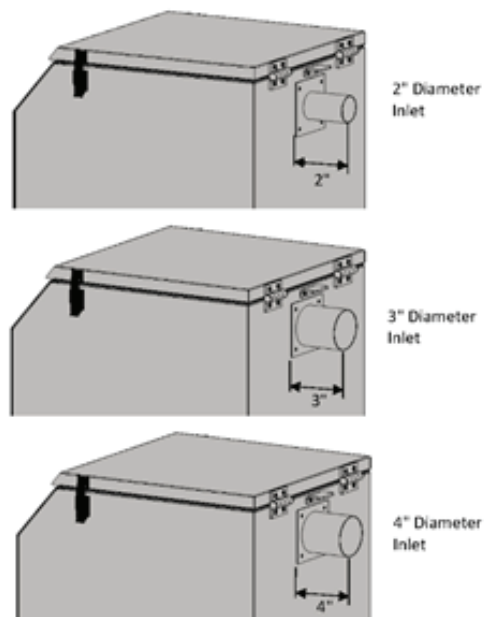
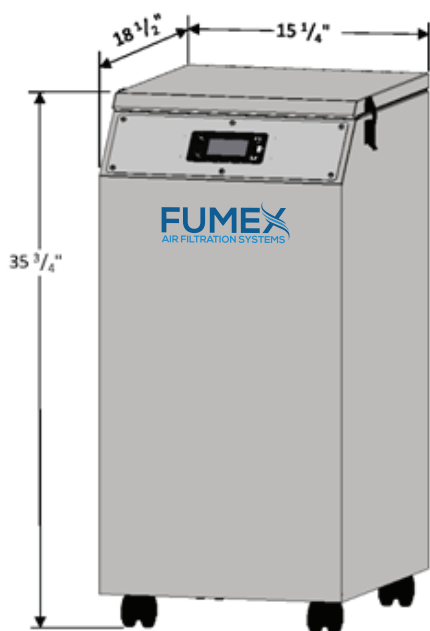
### Standard Equipment:

- UL, ULC and CE/TUV compliance available
- 8 ft. 2-ply ribbed rubber hose
- 2", 3" or 4" inlet diameter hose with clamps
- Digital graphic controls
- (4) Industrial grade wheels – two locking
- Installation guide / Operations manual

### Standard Filter Set:

- 10" - Pre-Filter:
  - o Large capacity box style
  - o 99% efficient @ 1.0 micron
  - o Deep-pleated dimpled media
- 6" - HEPA Filter:
  - o 99.97% efficient @ 0.3 micron
- 6" - Gas / Odor Filter:
  - o Large capacity gas/odor filter
  - o Provides broad spectrum gas/odor control
  - o Dustless construction suitable for all environments
  - o Bonded carbon technology maximizes one pass efficiency

# TECHNICAL DATA



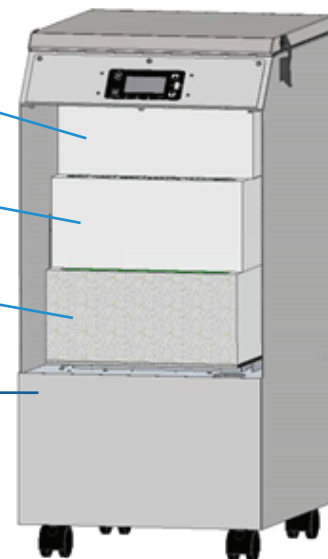
- Programable via USB port pressure set points, blower speeds, and VOC detection
- High visibility Graphic display indicating blower speed, filter, and unit system status
- System Data logging: monitoring blower usage, filter service intervals accessed by USB port



Large Capacity  
Pre-Filter  
(FA140B-2)

HEPA Filter  
(FA100)

Activated Carbon  
Gas / Odor Filter  
(FA201D)



## FUMEX ACCESSORIES

### Source Capture Arms and Hoods



FA122



FXA-127



FXA-36-31



FXA-125



FA-127



A-28-2

### Additional Application Accessories



FA151 (Bench Hood)



FA150 (Spark Arrestor)



FB1 (External High-Capacity Pre-filter)





The Fumex FA2-PVC laser fume extractor is specifically designed to capture and treat the potentially hazardous fumes generated in application where PVC is marked or cut with a laser or thermoformed or heated.

**Epoxy Coating** – The system utilizes a high build epoxy novolac coating on all internal cabinet components. The material provides superior corrosion resistance to HCL and other acid gases. Prior to application the cabinets are prepped with a sandblasting to SSSP10 and all seams are caulked. Two (2) coats of the epoxy are applied to a DFT of 4 mils.

**HCL Sensor** – The extractor features continuous gas detector for the detection of a Hydrogen Chloride breakthrough. The HCL gas sensor is a complete self-contained gas monitor consisting of an integral 115VAC power supply and factory pre-set solid-state relay alarm for activating panel-warning lamp. The system features microprocessor electronics that set the gas curves for HCL detection.



Laser



Electronics



Printing



3D Printing



Mechanical  
Engineering



Dental



Pharmaceutical  
& Medical



Beauty



Other



### Construction:

- Cabinet: 304 grade Brushed stainless steel to IP56 compliance
- Epoxy coating (2) coats all internal parts
- Sound Level: 60 dbA
- Weight: 101 lbs. / 46 kg.

### Blowers:

- Performance: 266 cfm @ 39" wc
- Variable speed blower
- Centrifugal - direct-drive, brushless motor
- Rated 20,000 hour + mtbf

### Electrics/Controls:

- 90/250/1/50-60 (120v or 240v plug)
- Digital display with variable speed blower
- Pre-wired 3 wire power cable, 9 ft. with plug
- Digital Controls
- Electronic variable speed blower control
- Electronic individual filter monitoring with display
- Calibrated electronic VOC gas sensor
- Electronic digital interface relay for two-way communication, filter monitoring and remote start/stop control
- Amp draw to 12.0 (120v) or 8.0 (240v)

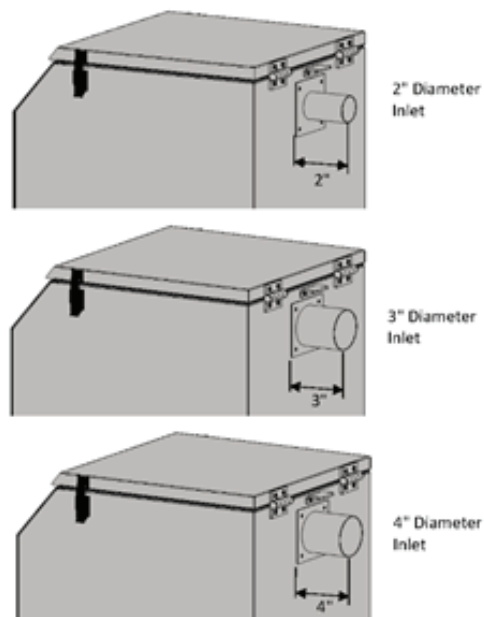
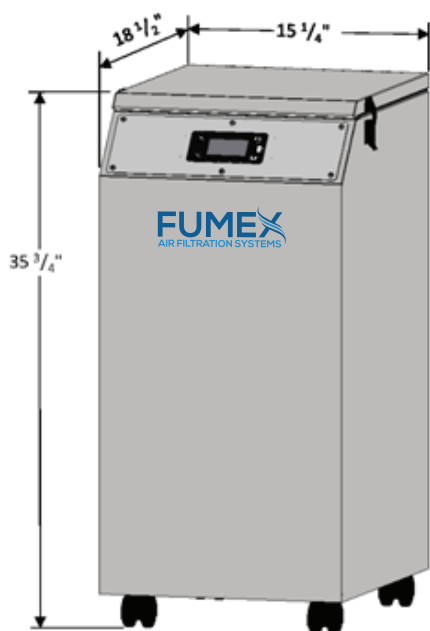
### Standard Filter Set:

- 10" - Pre-Filter:
  - o Large capacity box style
  - o 99% efficient @ 1.0 micron
  - o Deep-pleated dimpled media
- 6" - HEPA Filter:
  - o 99.97% efficient @ 0.3 micron
- 6" - AcideX Cell (for PVC applications) Odor Filter:
  - o Large capacity
  - o Provides broad spectrum gas/odor control
  - o Bonded carbon technology maximizes one pass efficiency

### Standard Equipment:

- UL, ULC and CE/TUV compliance available
- 8 ft. 2-ply ribbed rubber hose
- 2", 3" or 4" inlet diameter hose with clamps
- Digital graphic controls
- (4) Industrial grade wheels – two locking
- Installation guide / Operations manual

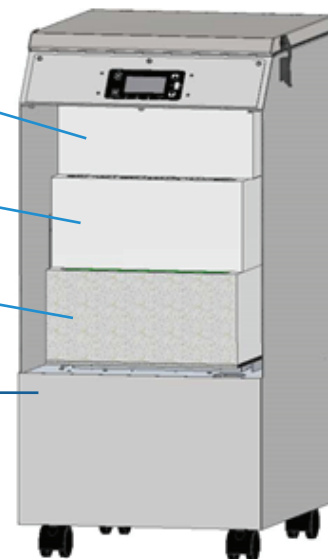
# TECHNICAL DATA



- Programable via USB port pressure set points, blower speeds, and VOC detection
- High visibility Graphic display indicating blower speed, filter, and unit system status
- System Data logging: monitoring blower usage, filter service intervals accessed by USB port



- Large Capacity Pre-Filter (FA140B-2)
- HEPA Filter (FA100)
- AcideX Cell \*for PVC Applications\* (FA201E)



## FUMEX ACCESSORIES

### Source Capture Arms and Hoods



FA122



FXA-127



FXA-36-31



FXA-125



FA-127



A-28-2

### Additional Application Accessories



FA151 (Bench Hood)



FA150 (Spark Arrestor)



FB1 (External High-Capacity Pre-filter)

The Fumex FA5 fume extractor utilizes a high performance 3 stage hybrid air filter system to capture and treat air pollutants generated during application processes. The FA5 unit comes with either a single blower motor (FA5-1 @ 305 cfm) or with a double blower motor system (FA5-2 @450 cfm). Operator friendly digital controls and integrated electronic gas sensor continuously monitor the system performance and display operating parameters on the high-visibility LED screen. Large capacity inexpensive pre-filters extend filter change intervals and protects the large HEPA filter and gas/odor filter offering an extremely cost-effective, efficient laser engraver fume extractor system. High performance variable speed blower provides maximum application flexibility. Ideal for medium to heavy duty fume extracting applications.



Laser



Electronics



Printing



3D Printing



Mechanical  
Engineering



Dental



Pharmaceutical  
& Medical



Beauty



Other



### Construction:

- Cabinet: 304 grade Brushed stainless steel to IP56 compliance
- Baffled – sound attenuated
- Sound Level: 59 dbA
- Weight: 134 lbs. / 46 kg.

### Blowers:

- Performance: 305 cfm @ 39" wc FA5-1 or 450 cfm @ 39" wc FA5-2
- Variable speed blower
- Centrifugal - direct-drive, brushless motor
- Rated 20,000 hour + mtbf

### Electrics/Controls:

- 90/250/1/50-60 (120v or 240v plug)
- Digital display with variable speed blower
- Pre-wired 3 wire power cable, 9 ft. with plug
- Digital Controls
- Electronic variable speed blower control
- Electronic individual filter monitoring with display
- Calibrated electronic VOC gas sensor
- Electronic digital interface relay for two-way communication, filter monitoring and remote start/stop control
- Amp Draw: 9.0 (120v) or 5.0 (240v)

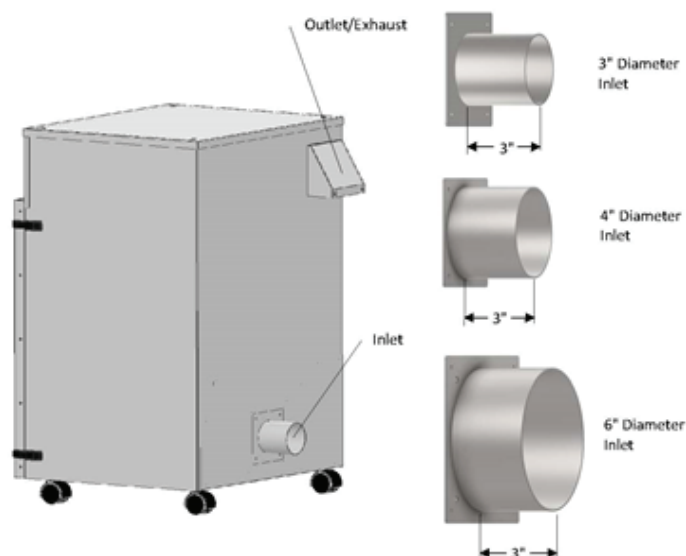
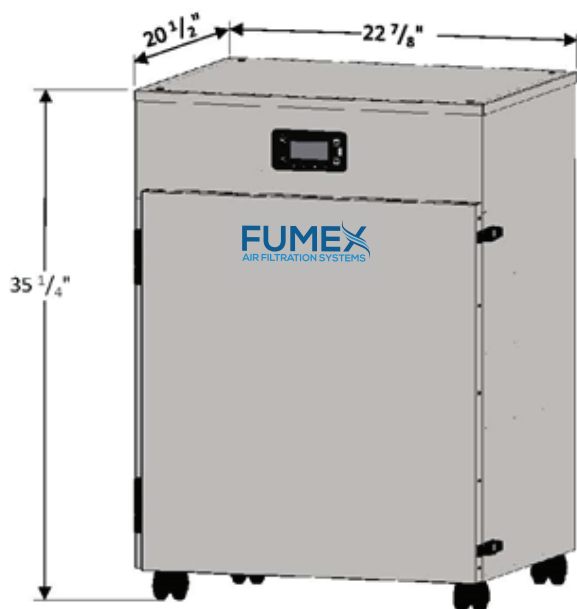
### Standard Equipment:

- UL, ULC and CE/TUV compliance available
- 8 ft. 2-ply ribbed rubber hose
- 3", 4" or 6" inlet diameter hose with clamps
- Digital graphic controls
- (4) Industrial grade wheels – two locking
- Installation guide / Operations manual

### Standard Filter Set:

- 9" - Pre-Filter:
  - o Large capacity box style
  - o 99% efficient @ 1.0 micron
  - o Deep-pleated dimpled media
- 4" - HEPA Filter:
  - o 99.97% efficient @ 0.3 micron
- 4" - Gas / Odor Filter:
  - o Large capacity gas/odor filter
  - o Provides broad spectrum gas/odor control
  - o Dustless construction suitable for all environments
  - o Bonded carbon technology maximizes one pass efficiency

# TECHNICAL DATA



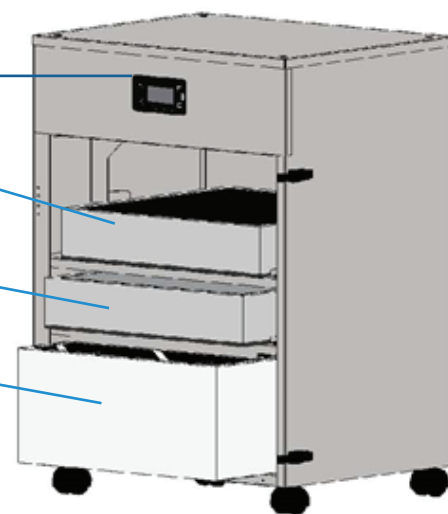
- Programable via USB port pressure set points, blower speeds, and VOC detection
- High visibility Graphic display indicating blower speed, filter, and unit system status
- System Data logging: monitoring blower usage, filter service intervals accessed by USB port



Large Capacity Pre-Filter (FA540B)

HEPA Filter (FA500)

Activated Carbon Gas / Odor Filter (FA501D)



## FUMEX ACCESSORIES

### Source Capture Arms and Hoods



FA122



FXA-127



FXA-36-31



FXA-125



FA-127



A-28-2

### Additional Application Accessories



FA151 (Bench Hood)



FA150 (Spark Arrestor)



FB1 (External High-Capacity Pre-filter)





The Fumex FA8 fume extractor utilizes a high performance 3 stage hybrid filter system to capture and treat air pollutants generated during application processes. The FA8 provides high airflow and vacuum ideal for demanding applications. Operator friendly digital controls and integrated electronic gas sensor continuously monitor the system performance and display operating parameters on the high-visibility LED screen. The large capacity pre-filter extends filter change intervals and protects the large HEPA filter and gas/odor filter offering an extremely cost-effective AND efficient fume extractor system. Variable speed controls provide maximum application flexibility. Ideal for medium to heavy duty fume extracting applications.



Laser



Electronics



Printing



3D Printing



Mechanical  
Engineering



Pharmaceutical  
& Medical



Plastic  
Processing



### Construction:

- Cabinet: Powdercoated painted cabinet
- Baffled - sound attenuated
- 134 lbs. / 46 kg.
- Dimensions: 54" H x 24" W x 32" D
- Front filter access

### Blowers:

- Performance: 750 cfm @39" wc
- Variable speed controls
- Centrifugal-direct-drive, brushless motor
- Rated 20,000 hour + mtbf

### Electrics/Controls:

- 230/3/50-60
- Digital Graphic Display
- 8 speed electronic variable speed blower control
- Electronic individual filter monitoring with display
- Calibrated electronic VOC gas sensor
- Electronic digital interface relay for two-way communication, filter monitoring and remote start/stop control
- Amp Draw: 24 amps

### Standard Equipment:

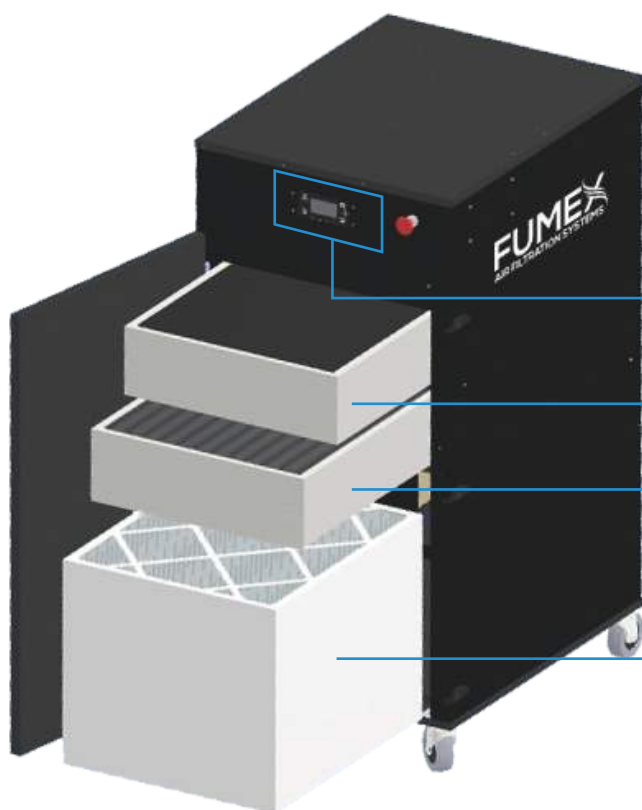
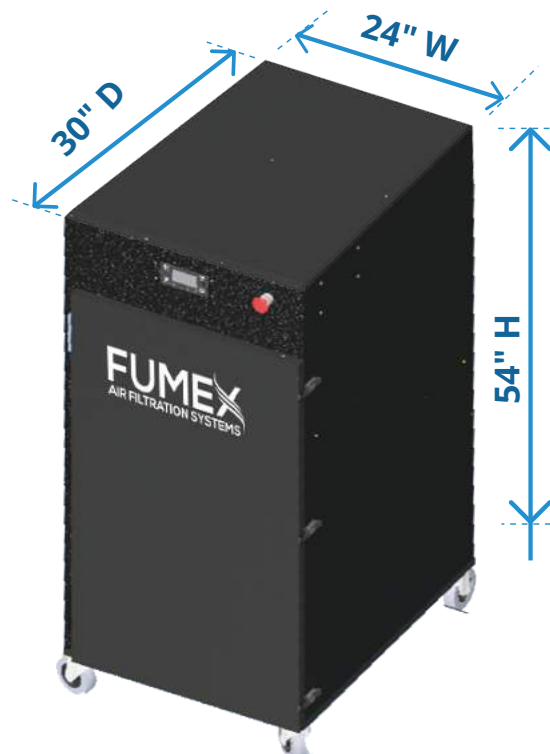
- Standard inlet is 6", optional dual 4" inlet
- Digital graphic controls
- (4) Industrial grade wheels
- Installation guide/Operations manual

### Standard Filter Set:

- Pre-Filter:
  - Large capacity box style
  - Merv 11 rated
  - Deep-pleated dimpled media
- HEPA Filter:
  - 99.97% efficient @ 0.3 micron
  - Galvanized steel frame
- Gas / Odor Filter:
  - Large capacity gas/odor filter
  - Provides broad spectrum gas/odor control

### TECHNICAL DATA

- Programable via USB port pressure set points, blower speeds, and VOC detection
- High visibility Graphic display indicating blower speed, filter, and unit system status
- System Data logging: monitoring blower usage, filter service intervals accessed by USB port



Activated Carbon  
Gas / Odor Filter  
(FA801D)

HEPA Filter  
(FA800)

Large Capacity  
Pre-Filter  
(FA840B)







### AVTECHNOLOGY TRADING COMPANY





BLK 134 Lot 6 2, C. Arellano Street, Katarungan Village Poblacion, Muntinlupa City, 1776 Philippines

Tel : (+63) 2 7238 5427 E-mail : sales@avtechnology.ph

<https://avtechnology.ph>

As the worldwide leader in the design and manufacture of commercial & industrial fume extraction systems and industrial indoor air filtration systems, Fumex manufactures a complete line of fume extraction systems specifically designed for your application and industry. Our fume extractors are self-contained for easy use and installation. Our laser fume extractors and other air filtration systems target any process that produces gas, odor, or dust. We incorporate the latest technology allowing you flexible configurations depending on type of particulate, air flow required, environmental, ergonomic & integration considerations.

	GS1-100	GS2-200	GS3-200	GS3-500
Unit Model				
Cabinet Construction	16-gauge welded steel powder coat finish Baffled sound attenuated	16-gauge welded steel powder coat finish Baffled sound attenuated	304 grade Brushed stainless steel IP56 compliance Baffled sound attenuated	304 grade Brushed stainless steel IP56 compliance Baffled sound attenuated
Dimensions	18 1/2" H x 13 5/8" L 13 5/8" W	25 1/2" H x 13 3/4" L 15 1/4" W	35 1/4" H x 20 1/2" L 22 7/8" W	35 1/4" H x 20 1/2" L 22 7/8" W
Sound Level	55 dbA	59 dbA	59 dbA	59 dbA
Weight	60 lbs.	65 lbs.	134 lbs.	134 lbs.
Inlet Options	1 x 2", 1 x 3" or 2 x 2"	1 x 2", 1 x 3" or 2 x 2"	3", 4" or 6"	3", 4" or 6"
Blower(s) Performance	<b>165 cfm @ 19" wc</b> Centrifugal - direct-drive, brushless motor 20,000 hr. + mtbf	<b>165 cfm @ 19" wc</b> Centrifugal - direct-drive, brushless motor 20,000 hr. + mtbf	<b>305 cfm @ 39" wc</b> Centrifugal - direct-drive, brushless motor 20,000 hr. + mtbf	<b>450 cfm @ 39" wc</b> Centrifugal - direct-drive, brushless motor 20,000 hr. + mtbf
Electrics Controls	90/250/1/50-60 (120v or 240v plug) Digital control board with variable speed blower IEC14 Receptacle with 9 ft. power cable	90/250/1/50-60 (120v or 240v plug) Digital control board with variable speed blower IEC14 Receptacle with 9 ft. power cable plug	90/250/1/50-60 (120v or 240v plug) Digital display with variable speed blower Pre-wired 3 wire power cable, 9 ft. with plug	90/250/1/50-60 (120v or 240v plug) Digital display with variable speed blower Pre-wired 3 wire power cable, 9 ft. with plug

	GS1-100	GS2-200	GS3-200	GS3-500
Unit Model				
Optional Relay Wiring for PLC	Fumex Part # FA228 two-way communication Digital Interface Package	Fumex Part # FA228 two-way communication Digital Interface Package	Fumex Part # FA227 two-way communication Digital Interface Package	Fumex Part # FA227 two-way communication Digital Interface Package
Digital Controls	Electronic variable speed blower control  Electronic high visibility individual filter monitoring with LED indicator display  Calibrated VOC electronic gas sensor	Electronic variable speed blower control  Electronic high visibility individual filter monitoring with LED indicator display  Calibrated VOC electronic gas sensor	Electronic variable speed blower control  Electronic individual filter monitoring with digital display  Calibrated VOC electronic gas sensor	Electronic variable speed blower control  Electronic individual filter monitoring with digital display  Calibrated VOC electronic gas sensor
Standard Equipment	UL, ULC and CE/TUV compliance available  5 ft. 2-ply ribbed rubber hose with clamps  Digital control Board  (4) Industrial grade wheels  Installation guide / Operations manual	UL, ULC and CE/TUV compliance available  5 ft. 2-ply ribbed rubber hose with clamps  Digital control Board  (4) Industrial grade wheels  Installation guide / Operations manual	UL, ULC and CE/TUV compliance available  8 ft. 2-ply ribbed rubber hose with clamps  Digital graphic display/controls  (4) Industrial grade wheels– two locking  Installation guide / Operations manual	UL, ULC and CE/TUV compliance available  8 ft. 2-ply ribbed rubber hose with clamps  Digital graphic display/controls  (4) Industrial grade wheels– two locking  Installation guide / Operations manual
Standard Filter Set	6" - Gas / Odor filter: <b>FA201C</b>  15 lbs. of activated carbon media blend  Provides broad spectrum gas/odor control  Bonded carbon construction technology	2" Polyester Pre-Filter: <b>FX7</b>  12" - Gas / Odor filter: <b>FX1</b>  20 lbs. of activated carbon media blend  Provides broad spectrum gas/odor control  Bonded carbon construction technology	9" Pre-Filter: <b>FA540B</b> Large Capacity Deep Pleat technology 99% efficient @ 1.0 micron  (Qty 3) - 4" Gas / Odor filters: <b>FA501D</b> Large capacity gas/odor  90 lbs. of Activated carbon media  Provides broad spectrum gas/odor control	9" Pre-Filter: <b>FA540B</b> Large Capacity Deep Pleat technology 99% efficient @ 1.0 micron  (Qty 3) - 4" Gas / Odor filters: <b>FA501D</b> Large capacity gas/odor  90 lbs. of Activated carbon media  Provides broad spectrum gas/odor control



The GS1-100 Fumes Extractor manufactured by Fumex, utilizes a powerful high-performance blower, user friendly digital controls, an integrated gas sensor and a large capacity filter, to effectively capture and eliminate plastic fumes, chemical fumes, odors, and gaseous contaminants. System can be fitted with a large variety of broad spectrum or chemical specific filters. Applications include inkjet fume removal, gluing stations, solvent fume removal, chemical baths, and laboratory use. Powerful, quiet fume extraction and a small footprint allows for easy integration into most work environments.



Inkjet  
Printing



Gluing  
Stations



Laboratory



3D Printing



Copier |  
Printing Rooms



Photography  
Labs



Solvents



Chemical  
Baths



Beauty |  
Nail Salons



### Construction:

- Cabinet: 16 ga. welded steel, powder coat finish
- Baffled – sound attenuated
- Sound Level: 55 dbA
- Weight: 60 lbs.

### Blowers:

- Performance: 165 cfm @ 19" wc
- Variable speed blower
- Centrifugal - direct-drive, brushless motor
- Rated 20,000 hour + mtbf

### Electrics/Controls:

- 90/250/1/50-60 (120v or 240v plug)
- Digital display with variable speed blower
- Pre-wired 3 wire power cable, 9 ft. with plug
- Digital Controls
  - Electronic variable speed blower control
  - High visibility LED filter indicator
- Calibrated electronic VOC gas sensor
- Electronic digital interface relay for two-way communication, filter monitoring and remote start/stop control
- Amp Draw: 6.0 (120v) or 4.0 (240v)

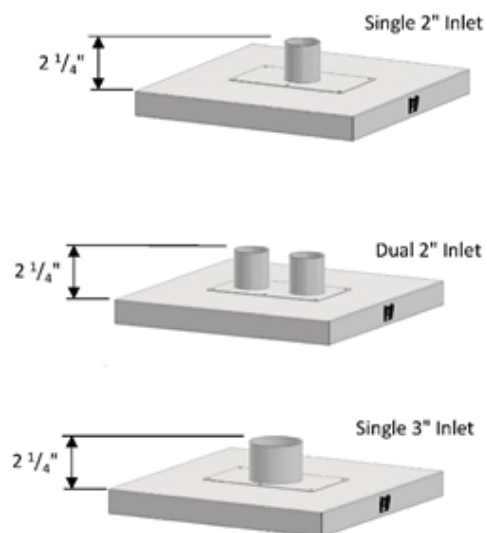
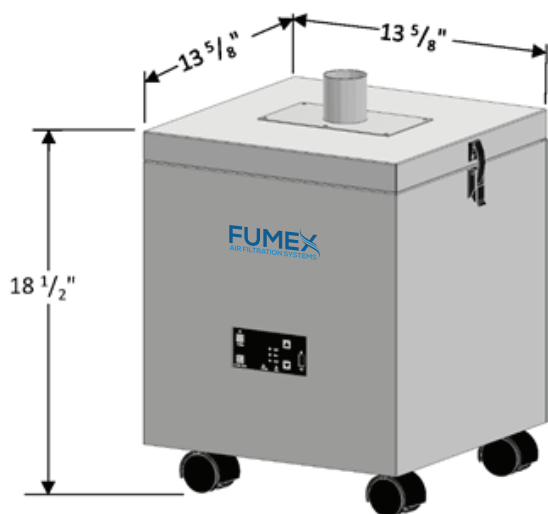
### Standard Equipment:

- UL, ULC and CE/TUV compliance available
- 5 ft. 2-ply ribbed rubber hose
- 1 x 2" inlet, 1 x 3" inlet or 2 x 2" inlet diameter hose with clamps
- Digital graphic controls
- (4) Industrial grade wheels
- Installation guide / Operations manual

### Standard Filter Set:

- 1" Pre-Filter:
  - Polyester pre-filter
- 6" – High Odor Gas / Carbon Filter
  - Large Capacity filter with 15 lbs. of activated carbon
  - Provides broad spectrum gas/odor control
  - Dustless construction suitable for all environments
  - Bonded carbon technology maximizes one pass efficiency
  - 100 % recyclable construction

# TECHNICAL DATA



- Programable via USB port pressure set points, blower speeds, and VOC detection
- High visibility Graphic display indicating blower speed, filter, and unit system status
- System Data logging: monitoring blower usage, filter service intervals accessed by USB port



Polyester Pre-Filter (FA103)

Activated Carbon Filter (FA201C)



## FUMEX ACCESSORIES

### Source Capture Hoods



FA122  
1"x4" Rectangular Hood



FXA-127  
Straight Nozzle



FXA-125  
3" Bell-Mouth Hood



FA-125  
2" Round Hood

### Source Capture Arms



FXA-36-31  
Stainless Steel Flexible Arm



A-28-2  
2" Diameter Articulating Arm

The GS2-200 Fumes Extractor manufactured by Fumex, utilizes a powerful high-performance blower, user friendly digital controls, an integrated gas sensor and a large capacity filter, to effectively capture and eliminate plastic fumes, chemical fumes, odors, and gaseous contaminants. System can be fitted with a large variety of broad spectrum or chemical specific filters. Applications include inkjet fume removal, gluing stations, solvent fume removal, chemical baths, and laboratory use. Powerful, quiet fume extraction and a small footprint allows for easy integration into most work environments.



Inkjet  
Printing



Gluing  
Stations



Laboratory



3D Printing



Copier |  
Printing Rooms



Photography  
Labs



Solvents



Chemical  
Baths



Beauty |  
Nail Salons



### Construction:

- Cabinet: 16 ga. welded steel, powder coat finish
- Baffled – sound attenuated
- Sound Level: 59 dbA
- Weight: 65 lbs.

### Blowers:

- Performance: 165 cfm @ 19" wc
- Variable speed blower
- Centrifugal - direct-drive, brushless motor
- Rated 20,000 hour + mtbf

### Electrics/Controls:

- 90/250/1/50-60 (120v or 240v plug)
- Digital display with variable speed blower
- Pre-wired 3 wire power cable, 9 ft. with plug
- Digital Controls
  - Electronic variable speed blower control
  - High visibility LED filter indicator
- Calibrated electronic VOC gas sensor
- Electronic digital interface relay for two-way communication, filter monitoring and remote start/stop control
- Amp Draw: 6.0 (120v) or 4.0 (240v)

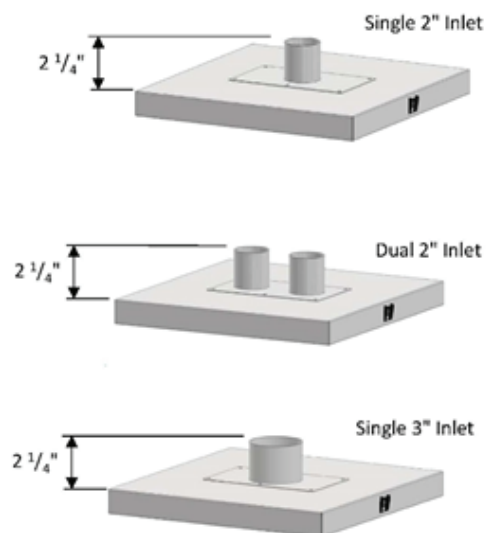
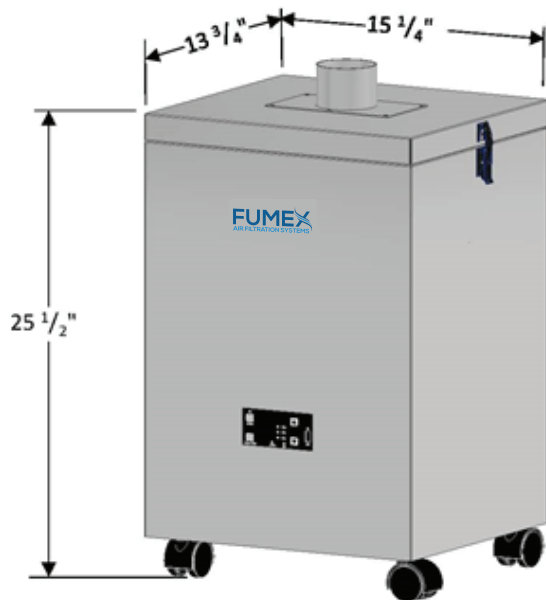
### Standard Equipment:

- UL, ULC and CE/TUV compliance available
- 5 ft. 2-ply ribbed rubber hose
- 1 x 2" inlet, 1 x 3" inlet or 2 x 2" inlet diameter hose with clamps
- Digital graphic controls
- (4) Industrial grade wheels
- Installation guide / Operations manual

### Standard Filter Set:

- 2" Pre-Filter:
  - Polyester pre-filter
- 12" – High Odor Gas / Carbon Filter
  - Large Capacity filter with 20 lbs. of activated carbon
  - Provides broad spectrum gas/odor control
  - Dustless construction suitable for all environments
  - Bonded carbon technology maximizes one pass efficiency
  - 100 % recyclable construction

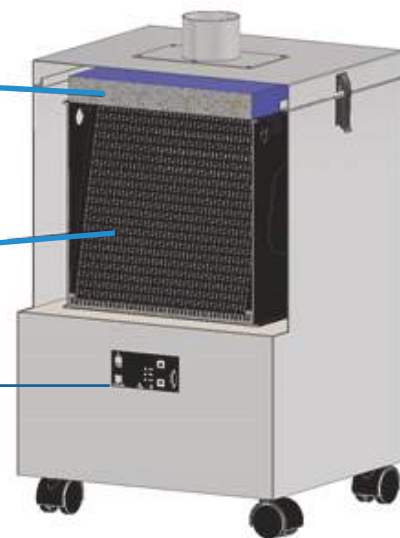
# TECHNICAL DATA



- Programmable via USB port pressure set points, blower speeds, and VOC detection
- High visibility LED display indicating blower speed, filter, and unit system status
- System Data logging: monitoring blower usage, filter service intervals accessed by USB port

Polyester Pre-Filter (FX7)

Activated Carbon Filter (FX1)



## FUMEX ACCESSORIES

### Source Capture Hoods



FA122  
1"x4" Rectangular Hood



FXA-127  
Straight Nozzle



FXA-125  
3" Bell-Mouth Hood



FA-125  
2" Round Hood

### Source Capture Arms



FXA-36-31  
Stainless Steel Flexible Arm



A-28-2  
2" Diameter Articulating Arm



The GS3-200 Fumes Extractor manufactured by Fumex, utilizes a powerful high-performance blower, operator friendly digital controls, an integrated electronic gas sensor continuously monitor the system performance and display operating parameters on the high-visibility LED screen. and a large capacity filter, to effectively capture and eliminate plastic fumes, chemical fumes, odors, and gaseous contaminants. System can be fitted with a large variety of broad spectrum or chemical specific filters. Applications include inkjet fume removal, gluing stations, solvent fume removal, chemical baths, and laboratory use. Powerful, quiet fume extraction ideal for medium to heavy duty fume extracting applications.



Inkjet  
Printing



Gluing  
Stations



Laboratory



3D Printing



Copier |  
Printing Rooms



Photography  
Labs



Solvents



Chemical  
Baths



Beauty |  
Nail Salons



### Construction:

- Cabinet: 304 grade Brushed stainless steel to IP56 compliance
- Baffled – sound attenuated
- Sound Level: 59 dbA
- Weight: 134 lbs. / 46 kg.

### Blowers:

- Performance: 305 cfm @ 39" wc
- Variable speed blower
- Centrifugal - direct-drive, brushless motor
- Rated 20,000 hour + mtbf

### Electrics/Controls:

- 90/250/1/50-60 (120v or 240v plug)
- Digital display with variable speed blower
- Pre-wired 3 wire power cable, 9 ft. with plug
- Digital Controls
- Electronic variable speed blower control
- Electronic filter monitoring with display
- Calibrated electronic VOC gas sensor
- Electronic digital interface relay for two-way communication, filter monitoring and remote start/stop control
- Amp Draw: 9.0 (120v) or 5.0 (240v)

### Standard Equipment:

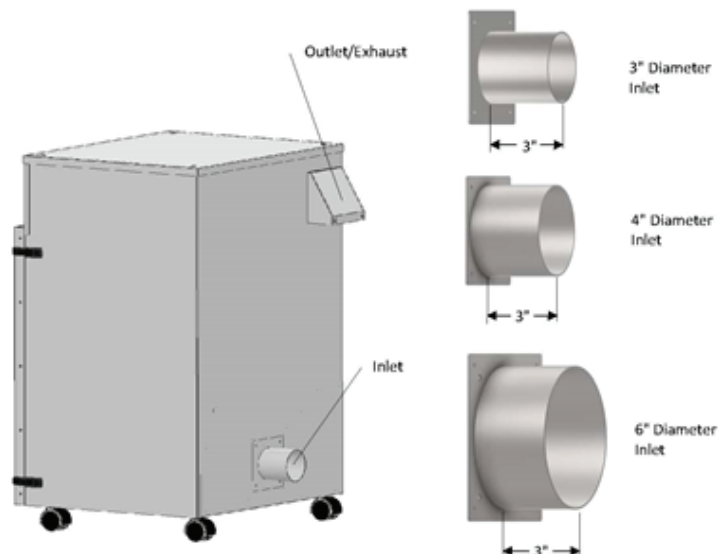
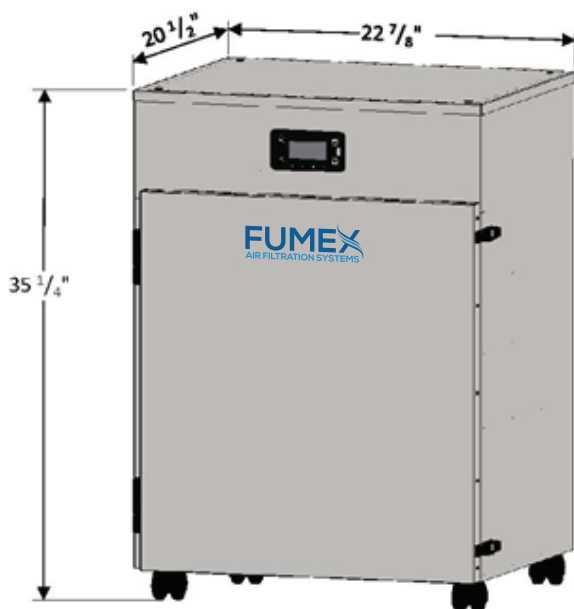
- UL, ULC and CE/TUV compliance available
- 8 ft. 2-ply ribbed rubber hose
- 3", 4" or 6" inlet diameter hose with clamps
- Digital graphic controls
- (4) Industrial grade wheels – two locking
- Installation guide / Operations manual

### Standard Filter Set:

- 9" - Pre-Filter:
  - o Large capacity box style
  - o 99% efficient @ 1.0 micron
  - o Deep-pleated dimpled media
- 4" - High Odor / Gas Carbon Filters: (Qty needed 3)
  - o Large capacity filters with 90 lbs. of activated carbon
  - o Provides broad spectrum gas/odor control
  - o Dustless construction suitable for all environments
  - o Bonded carbon technology maximizes one pass efficiency



# TECHNICAL DATA

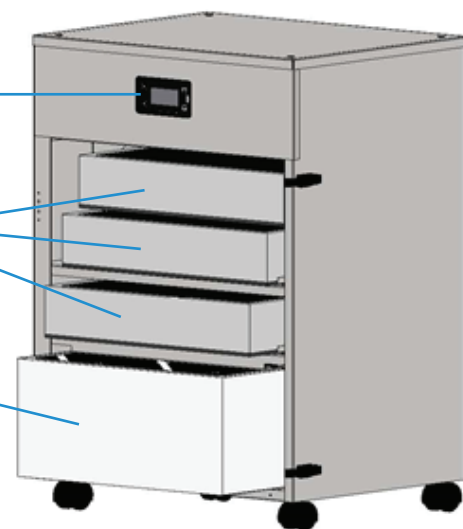


- Programable via USB port pressure set points, blower speeds, and VOC detection
- High visibility Graphic display indicating blower speed, filter, and unit system status
- System Data logging: monitoring blower usage, filter service intervals accessed by USB port



Activated Carbon Gas / Odor Filters  
\*3 required\*  
(FA501D)

Large Capacity Pre-Filter  
(FA540B)



## FUMEX ACCESSORIES

### Source Capture Hoods



FA122  
1"x4" Rectangular Hood



FXA-127  
Straight Nozzle



FXA-125  
3" Bell-Mouth Hood



FA-125  
2" Round Hood

### Source Capture Arms



FXA-36-31  
Stainless Steel Flexible Arm



A-28-2  
2" Diameter Articulating Arm



The GS3-500 Fumes Extractor manufactured by Fumex, utilizes a powerful high-performance blower, operator friendly digital controls, an integrated electronic gas sensor continuously monitor the system performance and display operating parameters on the high-visibility LED screen. and a large capacity filter, to effectively capture and eliminate plastic fumes, chemical fumes, odors, and gaseous contaminants. System can be fitted with a large variety of broad spectrum or chemical specific filters. Applications include inkjet fume removal, gluing stations, solvent fume removal, chemical baths, and laboratory use. Powerful, quiet fume extraction ideal for medium to heavy duty fume extracting applications.



Inkjet  
Printing



Gluing  
Stations



Laboratory



3D Printing



Copier |  
Printing Rooms



Photography  
Labs



Solvents



Chemical  
Baths



Beauty |  
Nail Salons



### Construction:

- Cabinet: 304 grade Brushed stainless steel to IP56 compliance
- Baffled – sound attenuated
- Sound Level: 59 dbA
- Weight: 134 lbs. / 46 kg.

### Blowers:

- Performance: 450 cfm @ 39" wc
- Variable speed blower
- Centrifugal - direct-drive, brushless motor
- Rated 20,000 hour + mtbf

### Electrics/Controls:

- 90/250/1/50-60 (120v or 240v plug)
- Digital display with variable speed blower
- Pre-wired 3 wire power cable, 9 ft. with plug
- Digital Controls
- Electronic variable speed blower control
- Electronic filter monitoring with display
- Calibrated electronic VOC gas sensor
- Electronic digital interface relay for two-way communication, filter monitoring and remote start/stop control
- Amp Draw: 16.0 (120v) or 10.0 (240v)

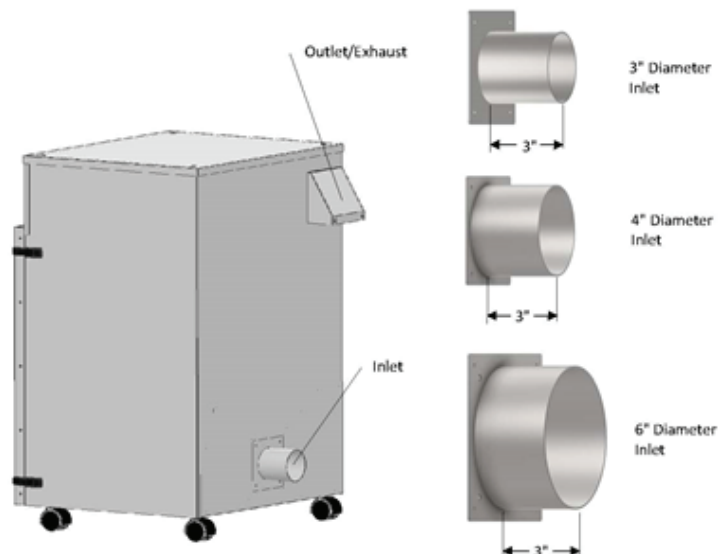
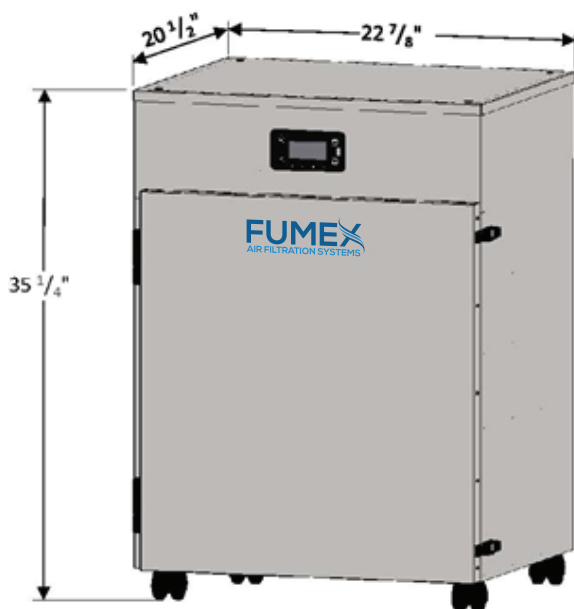
### Standard Equipment:

- UL, ULC and CE/TUV compliance available
- 8 ft. 2-ply ribbed rubber hose
- 3", 4" or 6" inlet diameter hose with clamps
- Digital graphic controls
- (4) Industrial grade wheels – two locking
- Installation guide / Operations manual

### Standard Filter Set:

- 9" - Pre-Filter:
  - o Large capacity box style
  - o 99% efficient @ 1.0 micron
  - o Deep-pleated dimpled media
- 4" - High Odor / Gas Carbon Filters: (Qty needed 3)
  - o Large capacity filters with 90 lbs. of activated carbon
  - o Provides broad spectrum gas/odor control
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Activated Carbon Gas / Odor Filters  
\*3 required\*  
(FA501D)

Large Capacity Pre-Filter  
(FA540B)



## FUMEX ACCESSORIES

### Source Capture Hoods



FA122  
1"x4" Rectangular Hood



FXA-125  
3" Bell-Mouth Hood



FXA-127  
Straight Nozzle



FA-125  
2" Round Hood

### Source Capture Arms



FXA-36-31  
Stainless Steel Flexible Arm



A-28-2  
2" Diameter Articulating Arm



## Fume Extractor & Industrial Air Cleaner Hood Attachments & Accessories Identified

Fumex offers fume extractor accessories to extend the versatility and effectiveness of our Industrial Fume Extractors. These accessories allow us to design the perfect clean air system to meet your needs.



### FA125

3" Bell-Mouth Hood  
for 2" Hosing  
**\$63.00**

### FA127

4" Bell-Mouth Hood  
for 3" Hosing  
**\$89.00**

\*Steel Flex Arm Sold Separately



### FA122

1" x 4" Rectangular Hood  
**\$131.00**



\*Steel Flex Arm Sold Separately



### FA126

2" Diameter Straight Nozzle  
for 2" Hosing  
**\$87.00**

### FA128

3" Diameter Straight Nozzle  
for 3" Hosing  
**\$89.00**



### FXA-127

Straight Nozzle Hood  
**\$87.00**



\*Steel Flex Arm Sold Separately

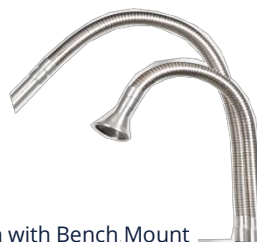


### FXA-36-31

3 ft. Stainless Steel Flexible Arm  
(2" Inlet)  
**\$245.00**



\*Hood Attachments Sold Separately



### FXA-48-31

4 ft. Stainless Steel Flexible Arm  
(2" Inlet)  
**\$261.00**

Shown with Bench Mount



\* Hood Attachments  
Sold Separately



## FAMEK 350-50

14" diameter domed hood  
for 2" articulating arm

**\$256.00**



\*Articulating Arm Sold Separately



## FAMEK 350-75

14" diameter domed hood  
for 3" articulating arm

**\$256.00**



\*Articulating Arm Sold Separately



## A-28-2

2" Diameter Articulating Arm  
3 joints | 40" Length

**\$548.00**

\* Unit Mount  
Sold Separately



## A-28-3

3" Diameter Articulating Arm  
3 joints | 40" Length

**\$605.00**

\* Unit Mount  
Sold Separately



## FA150

Spark Arrestor  
**\$371.00**

\* Available in 2", 3" or 4" inlets



## FB1

High-Capacity Pre-Filter  
Stainless Steel  
**\$1,230.00**

## FB1-P

High-Capacity Pre-Filter  
Powder Coated Painted Steel  
**\$1,150.00**

\* Available in 2", 3" or 4" inlets



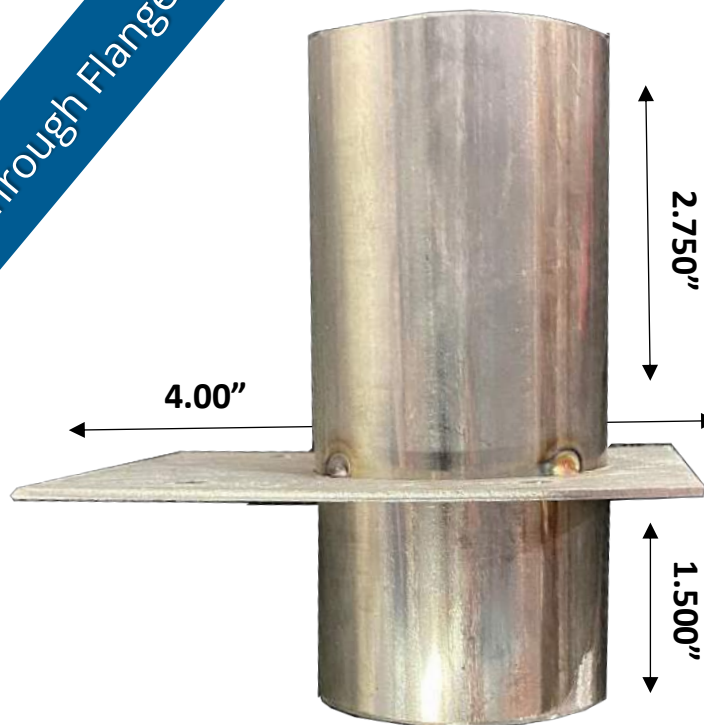
Fumex **FA225P** - \$ 131.00

2" (Painted Steel Exhaust Adapter)

Fumex **FA225SS** - \$ 144.00

2" (Stainless Steel Exhaust Adapter)

Fumex FA225 - Exhaust Adapter (Through Flange)



Fumex **FA226P-2** - \$ 99.00

2" (Painted Steel Air Inlet)

Fumex **FA226SS-2** - \$ 126.00

2" (Stainless Steel Air Inlet)

Fumex **FA226P-3** - \$ 110.00

3" (Painted Steel Air Inlet)

Fumex **FA226SS-3** - \$ 155.00

3" (Stainless Steel Air Inlet)

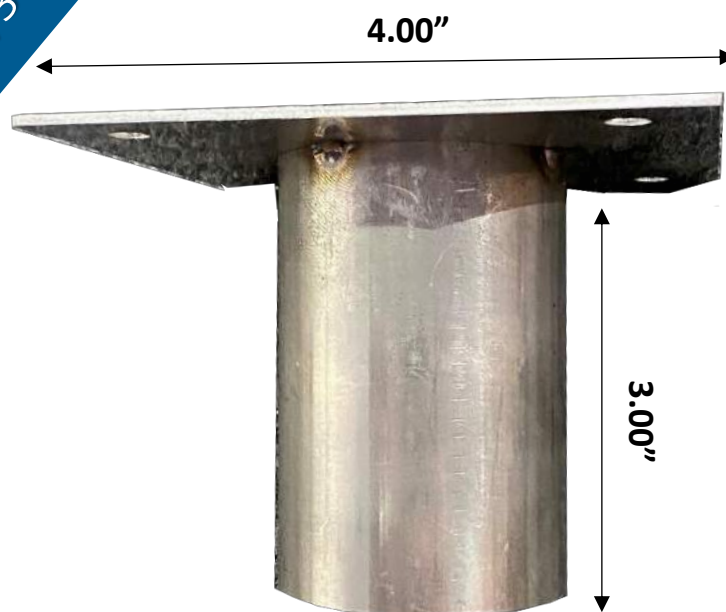
Fumex **FA226P-4** - \$ 123.00

4" (Painted Steel Air Inlet)

Fumex **FA226SS-4** - \$ 155.00

4" (Stainless Steel Air Inlet)

Fumex FA226 - Air Inlet (Available in 2", 3" and 4")



The FA150 Spark Arrestor, manufactured by Fumex, Inc., utilizes a series of baffles to change the flow direction of particles. Changing the direction slows the airflow, allowing heavy (possibly hot or burning) particles to fall out of the air stream and not continue into the filter assembly.



Laser  
Welding



Laser  
Cutting



Soldering



Grinding



Welding



Deep  
Engraving



Plastic  
Processing



### Construction:

- Cabinet: 16 ga. welded steel, powder coat finish.
- Weight: 20 lbs.

### Installation:

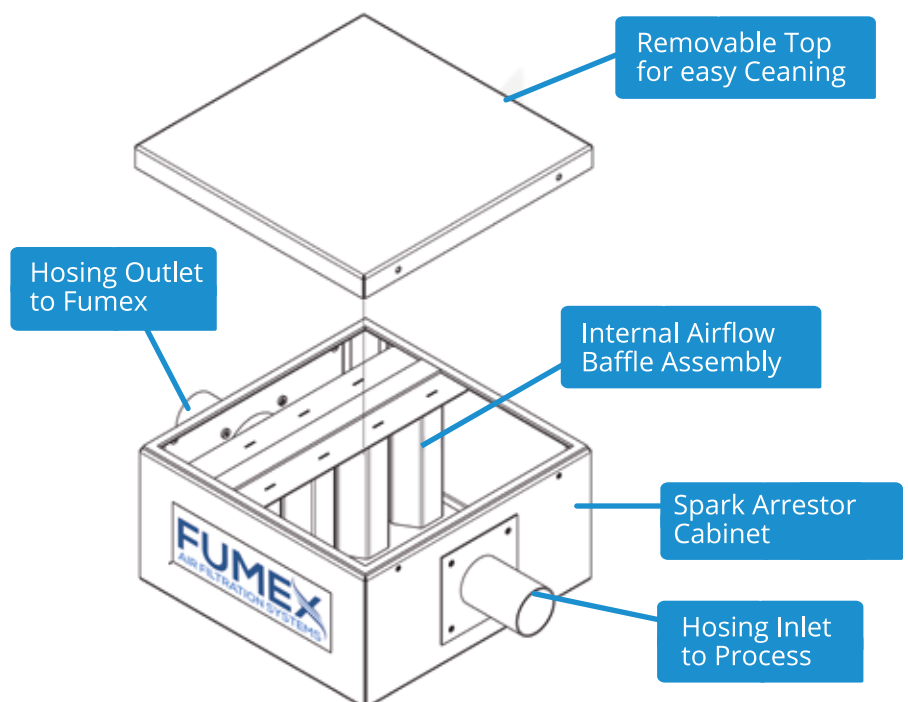
- Inlets marked.
- Typically installed with FB1.

### Features:

- Easy to install and maintain.
- 2", 3", or 4" Inlet option.

### Maintenance:

- Clean/Inspect monthly, based on usage.



## AVTECHNOLOGY TRADING COMPANY

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