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Industrial Air Filtration Systems



Fumex manufactures a complete line of industrial air filtration systems specifically designed to be used as industrial air cleaners and air purifiers for many manufacturing processes. Filtration systems consist of inexpensive pre-filters, HEPA air filters and gas/odor filters that remove harmful fumes and return purified air to the workplace.

Item				
	FA1-Mini Mini Industrial Air Filtration System	FA1 Industrial Air Filtration System	FA2 Industrial Air Filtration System	FA2-PVC PVC Industrial Air Filtration System
Cabinet Construction	16 ga, welded steel, powdercoat finish Baffled – sound attenuated	16 ga, welded steel, powdercoat finish Baffled – sound attenuated	304 grade brushed stainless steel to IP56 compliance Baffled – sound attenuated	304 grade brushed stainless steel to IP56 compliance Baffled – sound attenuated
Digital Controls	Electronic individual filter monitoring w/ display Electronic variable speed blower control HCL specific electronic gas sensor	Calibrated electronic VOC /gas sensor Electronic individual filter monitoring w/ display Electronic relays for remote start/stop and filter monitoring Electronic variable speed blower control	Calibrated electronic voc/gas sensor Electronic relay package for remote start/stop and filter monitoring Electronic variable speed blower control Individual filter monitoring w/ display	Electronic individual filter monitoring w/ display Electronic variable speed blower control HCL specific electronic gas sensor
Sound Level	59 dBA	59 dBA	60 dBA	60 dBA
Weight	45 lb	80 lb	101 lb 46 kg	101 lb 46 kg
Blowers Performance	165 cfm at 19" wc	165 cfm at 19" wc	210 cfm at 39" wc (357 m ³ /hr at 9686 Pa)	210 cfm at 39" wc (357 m ³ /hr at 9686 Pa)
Blowers Centrifugal	Direct-drive, brushless motor	Direct-drive, brushless motor	Direct-drive, brushless motor	Direct-drive, brushless motor 20000 + mtbf
Electrics	120/1/50-60 or 230/1/50-60 Amp Draw: 6.0 / 4.0 Pre-wired 3 wire power cable, 7.5 ft (2.3m) w/plug	120/1/50-60 or 230/1/50-60 Amp Draw: 6.0 / 4.0 Pre-wired 3 wire power cable, 7.5 ft (2.3m) w/plug	120/1/50-60 or 230/1/50-60 Amp Draw: 12.0 / 7.5 Pre-wired 3 wire power cable, 7.5 ft (2.3m) w/plug	120/1/50-60 or 230/1/50-60 Amp Draw: 12.0 / 7.5 Pre-wired 3 wire power cable, 7.5 ft (2.3m) w/plug Self-cleaning pleated dust-bag

Standard Equipment	Calibrated electronic VOC /gas sensor Electronic individual filter monitoring w/ display Electronic relays for remote start/stop and filter monitoring Electronic variable speed blower control	Calibrated electronic VOC /gas sensor Electronic individual filter monitoring w/ display Electronic relays for remote start/stop Electronic variable speed blower control	Calibrated electronic VOC /gas sensor Electronic individual filter monitoring w/ display Electronic relays for remote start/stop and filter monitoring Electronic variable speed blower control	Electronic individual filter monitoring w/ display Electronic variable speed blower control HCL specific electronic gas sensor
Options	Gas-specific filters High efficiency hoods Optional ducted exhaust	Gas-specific filters High efficiency hoods Optional ducted exhaust	Gas-specific filters High efficiency hoods Optional ducted exhaust PVC option: - Epoxy coating on all internal cabinet components - HCL gas specific electronic sensor - AcideX gas neutralizing adsorbent cell	Stainless steel pre-filter box
Standard Filter Set	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. HEPA Filter: 99.97% efficient at 0.3 micron Pre-Filter: - Polyester pre-filter - Large capacity MERV 11 panel filter	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. HEPA Filter: 99.97% efficient at 0.3 micron Pre-Filter: Polyester – pre filter Large capacity MERV 11 panel filter	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 HEPA Filter: 99.97% efficient at 0.3 micron Pre-Filter: Large capacity pre-filter - 99% efficient at 1.0 micron - Constructed of highest quality filtration material HEPA Filter: 99.97% efficient at 0.3 micron Adsorbent Cell: Large capacity gas filter - Blended activated carbon and activated alumina impregnated with potassium permanganate (provides broad spectrum gas control) Pre-filter: Large capacity pre-filter - 100 % recyclable environmentally safe cell. - 99% efficient at 1.0 micron - Constructed of highest quality filtration material	HEPA Filter: 99.97% efficient at 0.3 micron Pre-Filter: Large capacity pre-filter - 99% efficient at 1.0 micron - Constructed of highest quality filtration material Adsorbent Cell: Large capacity gas filter
List Price	QUOTE			