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
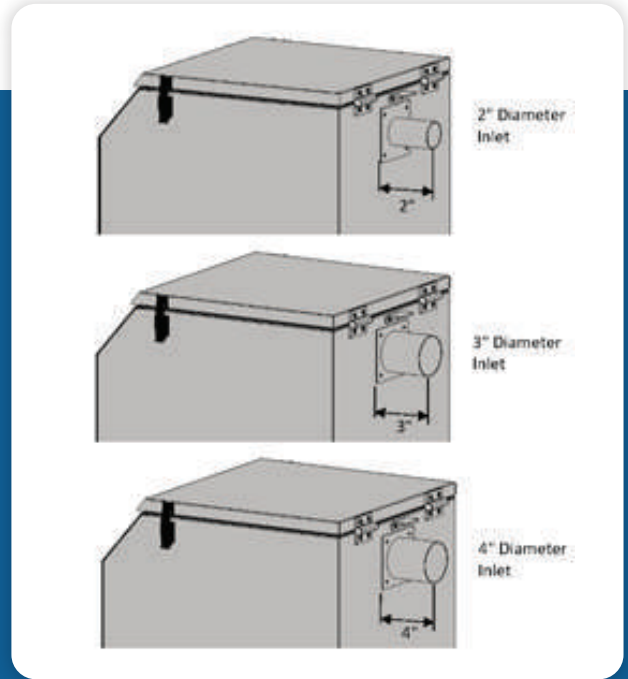➤ Amp draw to 12.0 (120v) or 8.0 (240v)

Standard 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" - AcideX Cell (for PVC applications) Odor Filter:
o Large capacity
o Provides broad spectrum gas/odor control
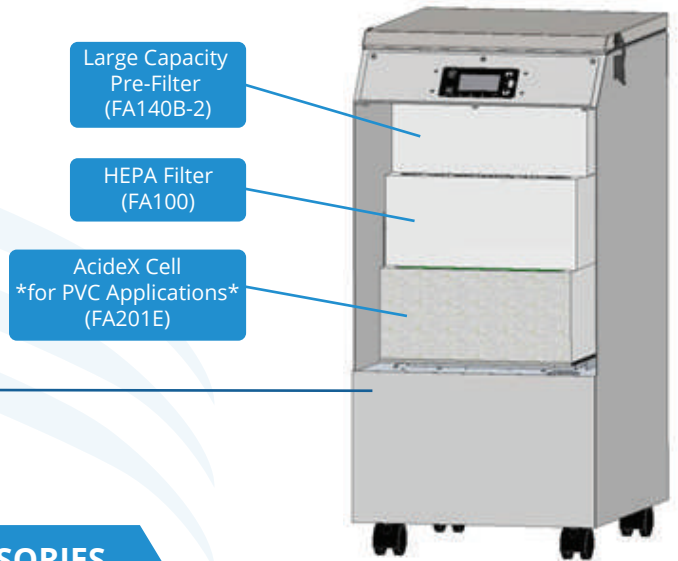o Bonded carbon technology maximizes one pass efficiency

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)

Terms: Net 30 days with approved credit
FOB POINT: Kennesaw (Atlanta), GA

FUMEX | 1150 Cobb International Place Kennesaw, GA 30152
770-514-7907 | 800-432-7550 (toll) | www.fumexinc.com