

Features

- Suitable for main-Capacityed electrical equipment
- Consists of eight teflon coated elements housed on a wire-frame structure with a venturi tube delivery
- (2) backward curved fans mounted in series to provide high static pressure capability
- Two-stage operation with the second fan coming on with drop in-room pressure alternatively
- Automatic speed control according to room pressure
- System is equipped with a receiver tank and solenoid valves for cleaning the air filtration system
- Back-flush cycle is on a variable time basis which is determined by site conditions. After a pre-set time, the fans will stop to assist the purging process with compressed air. After another time delay, fans will start up again.
- System is designed as a stand-alone device and has the capacity to have up to three air discharge outlets from its base.

Suggested Applications

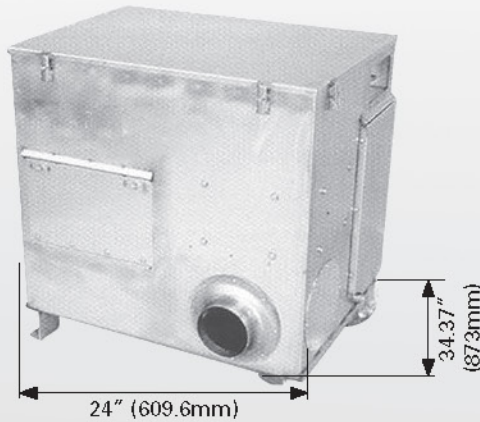
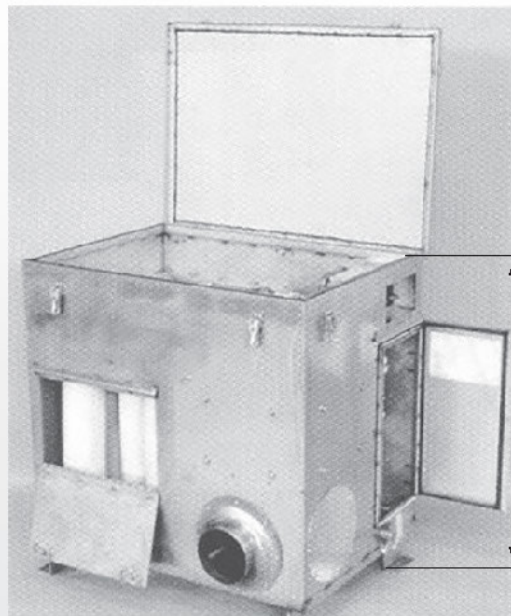
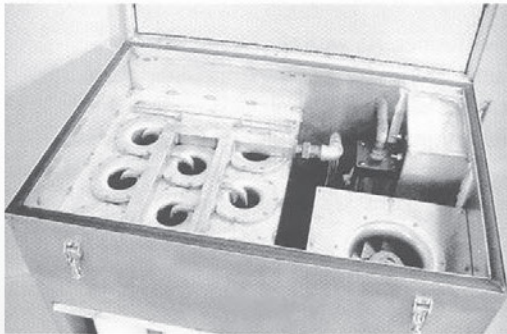


Technical Specifications

Model	FVF120 120V
Voltage	120V
Amps	3 AMPS @ 120V.A.C. 20 AMPS @ 24 V.D.C.
Maximum air flow	365 SCFM (620 m ³ /hr)
Dimensions (L x W x H)	24in x 34.37in x 35.56in (609.6mm x 873mm x 903.2mm)
Weight	285 lb (129,3 kg)
Mounting Position	Foot

Unless otherwise stated, performance measurements are conducted in accordance with SAE J638 for heaters and IMACA 200 for evaporators.

Dimensions layout

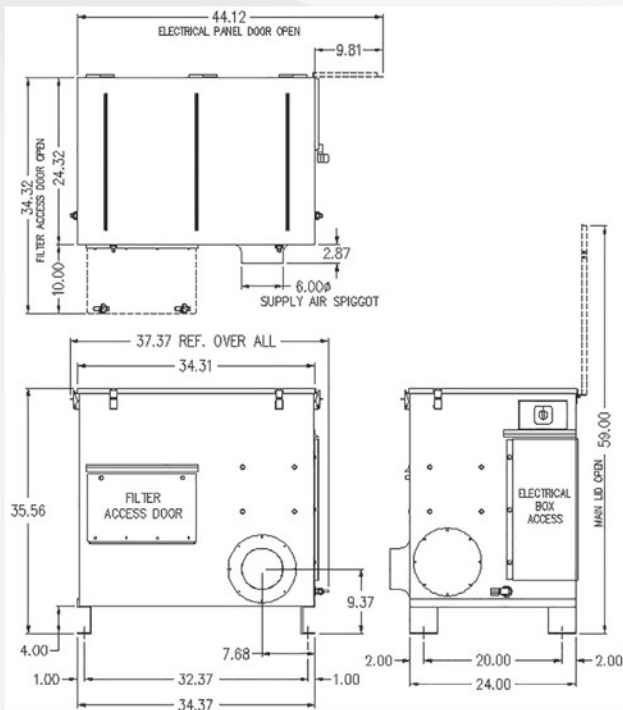


135.56" (903.2mm)

Model Specifications:	FVF120
Type of Unit	Filter/ Blowers
Voltages Available V.A.C.	115-150/60
Pressurizer Watts @ 115 V.A.C.	400
Pressurizer Airflow:	
Clear filter, 0.00" w.c. ESP	365 CFM (175 l/s)
0.25" w.c. ESP	325 CFM (155 l/s)
0.50" w.c. ESP	260 CFM (125 l/s)
Max. Fan Static Pressure Available	4.7" w.c.
No. of Blower / Motors	2
No. of Motor Speeds	Variable
Method of Speed Change	Auto Pres. Transducer
No. of Final Filter Elements	8
Permanent Filter Size	5" Dia x 24" Lg
Type of Permanent Filter	Teflon Coated Polyester Stock
Filter Material	
Filtration Efficiency	99% @ 0.3 Microns
Outlet Spigot	6" Dia.
Compressed Air Inlet	3/8" FPT
Compressed Air Pressure Required	60-100 psig
Mounting Type	Foot
Cleaning Trigger	Adjustable Timer
Motor External Protection	Circuit Breaker
Internal Thermal Protection	Yes
Pressurizer Casing Material	Stainless Steel

Bergstrom Electrified

Line Drawing



Note #1: Air Cleaner Test, SAE J126, which includes 12% in the 0 - 5 micron range.
 Note #2: 1" water column w.c.) = 250 pascals



When placing an order please contact your sales representative to review your order to ensure the proper system has been identified for your vehicle application.

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