



Fume Booth 800

Features & Benefits

- **Portable, self-contained unit:**
Easy to set up and use anywhere; includes casters for added maneuverability.
- **Heavy-duty top mounted table with 300 PSF rated steel grate:**
Provides maximum loading of up to 550 lbs.
- **High efficiency 2-stage filtration:**
Provides up to 95% filtration efficiency.
- **Direct-drive blower:**
Higher static pressure, longer filter life and greater reliability; non-sparking; no belts or pulleys to replace.
- **Ultra-Seal® filter mounting:**
Eliminates contaminant bypass of filters.
- **Removable doors:**
Easy access for cleaning and filter changeout.
- **Prewired to explosion proof box:**
Meets Group-D electrical requirements.

Dimensions

Width:	32.00"
Height:	76.00"
Depth:	25.00"

Options

- **Pressure Gauge Kit:**
Indicates when filters require cleaning.
- **95% Main Filter and Double Adsorption Modules**
- **Motor Starters/Disconnects**
- **Plastic Coated Grate**
- **Aluminum Grate**

Specifications

Construction:

16 ga. steel, powder coated cabinet

Blower Pkgs (HP):

1.5

Noise Level (dBA):

72

Electrical: Group-D

1.5 HP - 115/208-230/1/60, 17.0/8.5 amps, std.
208-230/460/3/60/50, 4.9-4.6/2.3 amps, opt.

Nominal CFM (in.):

800

Weight (lbs.):

250

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SPECIFICATIONS:

CONSTRUCTION:

16 Gauge steel cabinet finished with a Powder-Cool finish, includes locking filter mounting system, removable access doors to filters and direct drive motor and spark-resistant blower, top mounted grinding table with a heavy duty 300 PSF rated steel grate (max. table loading 550 lbs.), heavy duty 5" casters, power cord, and on-off switch, 3 phase motors wired to junction box outside of unit. Meets electrical requirements for Class 1, Group-D. (Motor starters/disconnects not included. Option only.)

FILTER SEAL:

Positive sealing filter locking mechanism for all main filters. Requires no tools. Ultra-Seal™ on bag, main filter and AD.

PREFILTERS:

- (1) 2" Aluminum mesh, std.
- (1) 2" Polyester, opt.

MAIN FILTERS:

- 95% Main filter and AD Module (18 lbs.), std.
- 95% Main filter and double AD's (36 lbs.), opt.

OTHER OPTIONS:

- Pressure gauge kit indicates filter changes
- Plastic coated grate.
- Aluminum grate

FIRE SUPPRESSION: Equipment provided by others.

* AFS FILTER EFFICIENCIES BASED ON ASHRAE 52-76 TEST METHOD

WEIGHT:

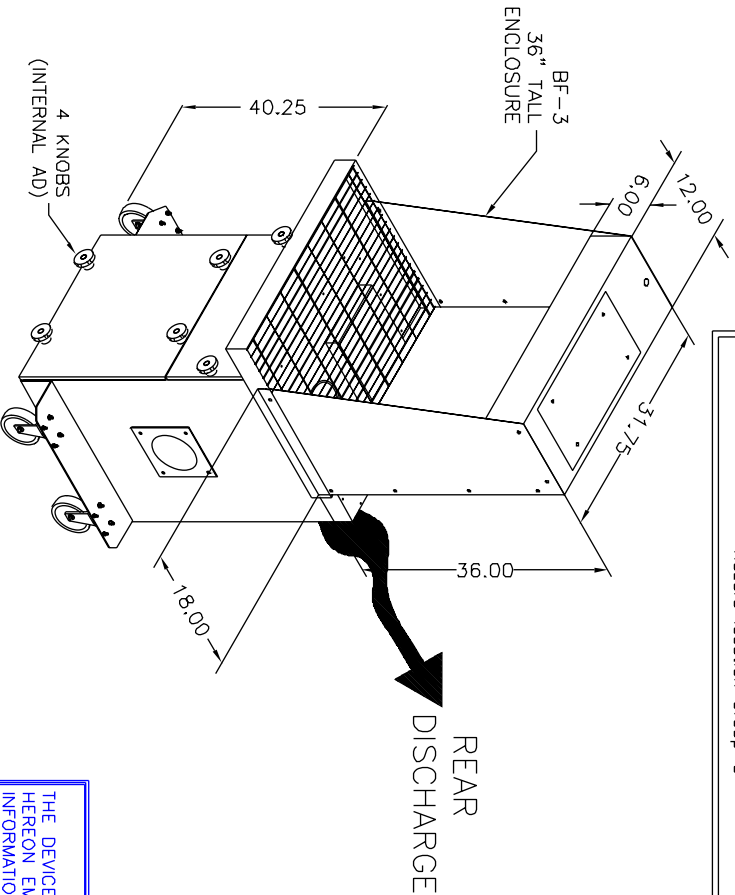
250 lbs.

NOISE:

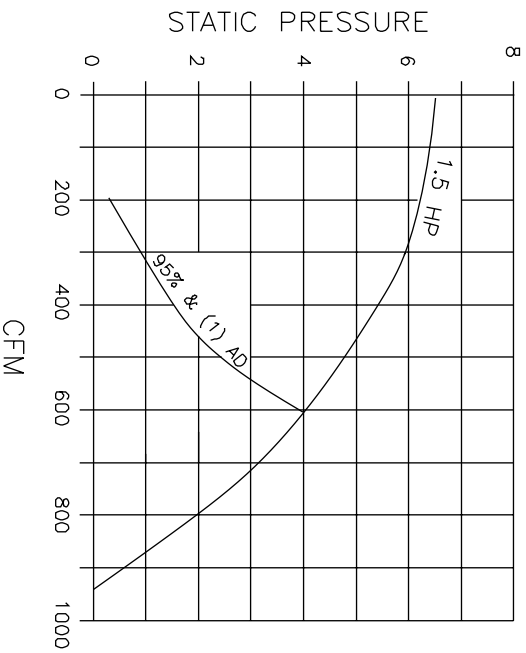
DOWNDRAFT VELOCITY: 150 FPM with std. 1.5 HP motor
72 DBA

ELECTRICAL:

- 1.5 HP 115/208-230/1/60, 17.0/8.5 amps, std. Hazard location Group-D
- 1.5 HP 208-230/460/3/60/50, 4.9-4.6/2.3 amps, opt. Hazard location Group-D



PERFORMANCE CURVES



NOTES:

Items designated as are included in this proposal.

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DRAWN BY: CB
 DATE: 10-4-99
 SCALE:

TITLE: FUME/BOOTH MODEL-800
 DRAWING NO.: FB-800 (42-2340)