

F116A Self-Contained Ductable Commercial Air Cleaner

SPECIFICATION DATA



FEATURES

- Variety of filter configurations available to customize the air cleaner for any application.
- CPZ™ (Charcoal Potassium Permanganate and Zeolite) disposable modules can be used for odor control.
- Three-speed, direct-drive, forward curve blower/motor circulates up to 2500 cfm (72 cu m/min) for large areas.
- Negative and positive pressure rooms can be created with the F116.

APPLICATION

The F116 Self-Contained Ductable Commercial Air Cleaner is designed for use in any application that requires the removal of airborne contaminants from an enclosed area. The air going to the unit and the discharged air can be transported in a network of ducting and plenums, or the unit can be used independently.

SPECIFICATIONS

Models:

F116A Self-Contained Ductable Commercial Air Cleaners are available in two cabinet sizes:

Shorter cabinet: Uses a prefilter with one primary filter
Longer cabinet: Uses a prefilter with two primary filters.

Material:

0.0508 in. 16 GA unpainted aluminum.

Electrical Ratings:

Voltage: 120 Vac, 60 Hz; 1 PHS, 14A.
220 Vac, 50/60 Hz; 1PHS, 7A.

Connections: Hard-wired.

Running Load (All Three Fan Speeds): Must not exceed 14A at 120V or 220V at 7A.

Maximum Starting Loads:

High Speed: 23A at 120V.
11.5A at 220V.

Medium and Low Speeds: 15A at 120V.
7.5A at 220V.

Air Volume, Internal Static Pressure and Installation Weight:

All vary with air cleaner filter configuration.

Static Pressure:

Minimum: 1.2 in. W.G.
Maximum: 1.85 in. W.G.

Dimensions:

See Fig. 1.

Blower/Motor:

Three-speed, direct-drive, forward curve.
1070 rpm nominal speed.
Thermal circuit breaker.

Lubrication:

Oil annually.

Filter Options:

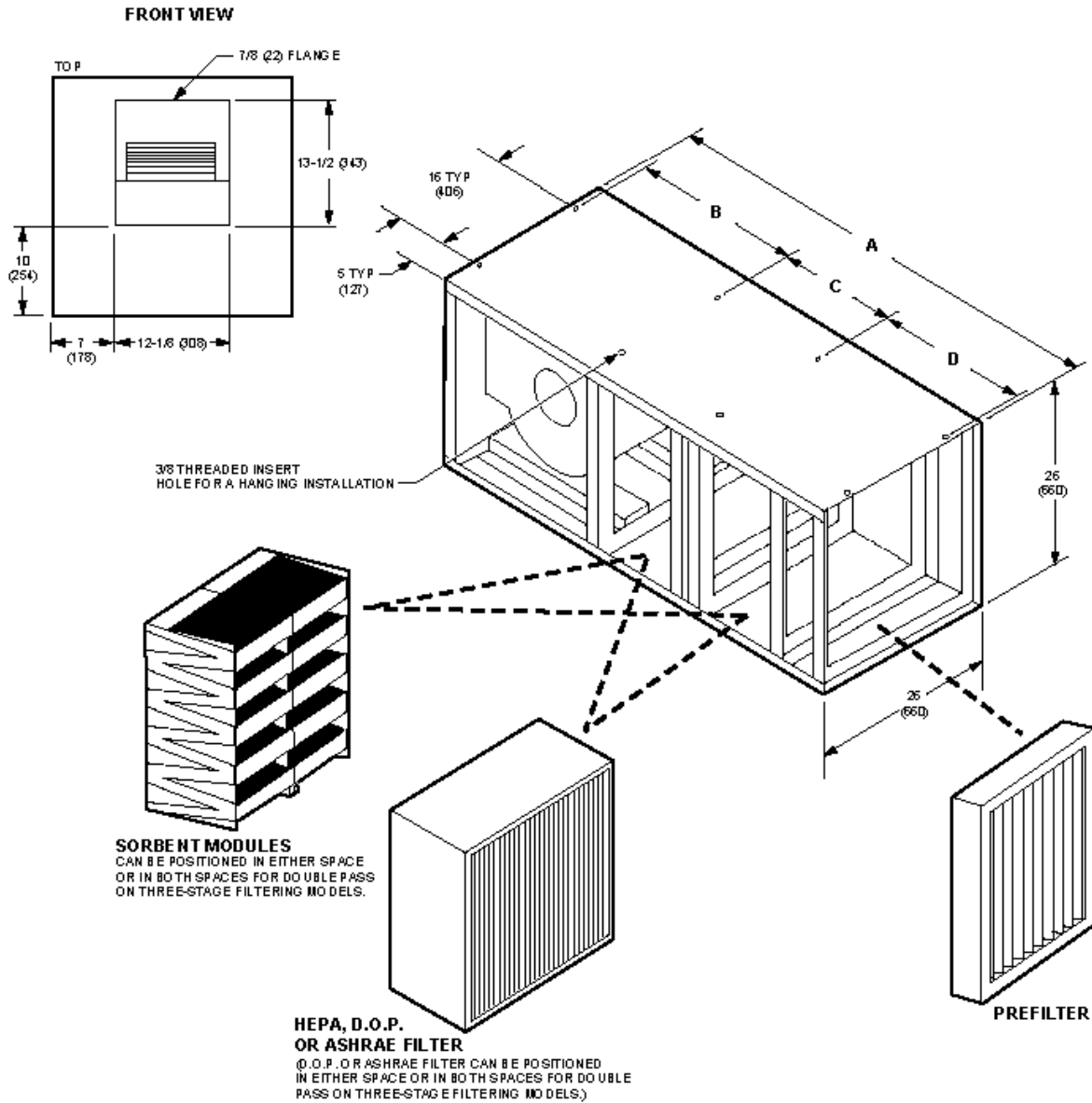
High Efficiency Particulate Arrestance (HEPA) Filter (99.97% Efficiency).
DOP (Di-Octyl Phthalate) Filter (95% Efficiency).
ASHRAE Dust Spot Filter (95% Efficiency).
ASHRAE Dust Spot Filter (65% Efficiency).
CPZ™ Sorbent Modules (for odor control).

Approvals:

Underwriters Laboratories Inc. Listing Pending.
Canadian Underwriters Laboratories Inc. Certification Pending.

Further Information:
BERRIMAN ASSOCIATES
1-800-480-3630
www.berriman.com

F116A SELF-CONTAINED DUCTABLE COMMERCIAL AIR CLEANER



MO DEL	DIM. A		DIM. B		DIM. C		DIM. D	
	IN.	MM	IN.	MM	IN.	MM	IN.	MM
THREE-STAGE FILTERING	64	1626	24 1/4	616	17	432	21 1/4	540
TWO-STAGE FILTERING	48	1219	24 1/4	616	NOT APPLICABLE		22 1/4	565

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Fig. 1. Approximate dimensions in inches (mm).

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