

F116 Series 2 Self-Contained Ductable Commercial Air Cleaner

SPECIFICATION DATA



SPECIFICATIONS

Models:

F116 Series 2 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, 12.5A.

230 Vac, 50 Hz; 1PHS, 4A.

Connections: Hard-wired.

Running Load (All Three Fan Speeds): Must not exceed 12.5A at 120V or 230V at 4A.

Air Volume, Internal Static Pressure and Installation Weight:

All vary with air cleaner filter configuration.

Dimensions:

See Fig. 1.

Blower/Motor:

Three-speed, direct-drive, forward curve.

1070 rpm nominal speed.

Thermal circuit breaker.

Filter Options:

High Efficiency Particulate Arrestance (HEPA) Filter (99.97% Efficiency).

DOP (Di-Octyl Phthalate) Filter (95% Efficiency).

ASHRAE Dust Spot Filter (95% Efficiency).

CPZ™ Sorbent Modules (for odor control).

Accessories:

190097C 3-Speed Wall Remote Switch

Approvals:

Underwriters Laboratories Inc. Listing Pending.

Canadian Underwriters Laboratories Inc. Certification Pending.

APPLICATION

The F116 Series 2 Self-Contained Ductable Commercial Air Cleaner is a media air cleaner that uses a three-speed direct drive forward curve blower / motor with a variety of filter combinations to remove airborne contaminants. The air is designed to provide its own air circulation. In addition it can accommodate ducting which can be attached to the intake and / or outlet of the cabinet as the application desires.

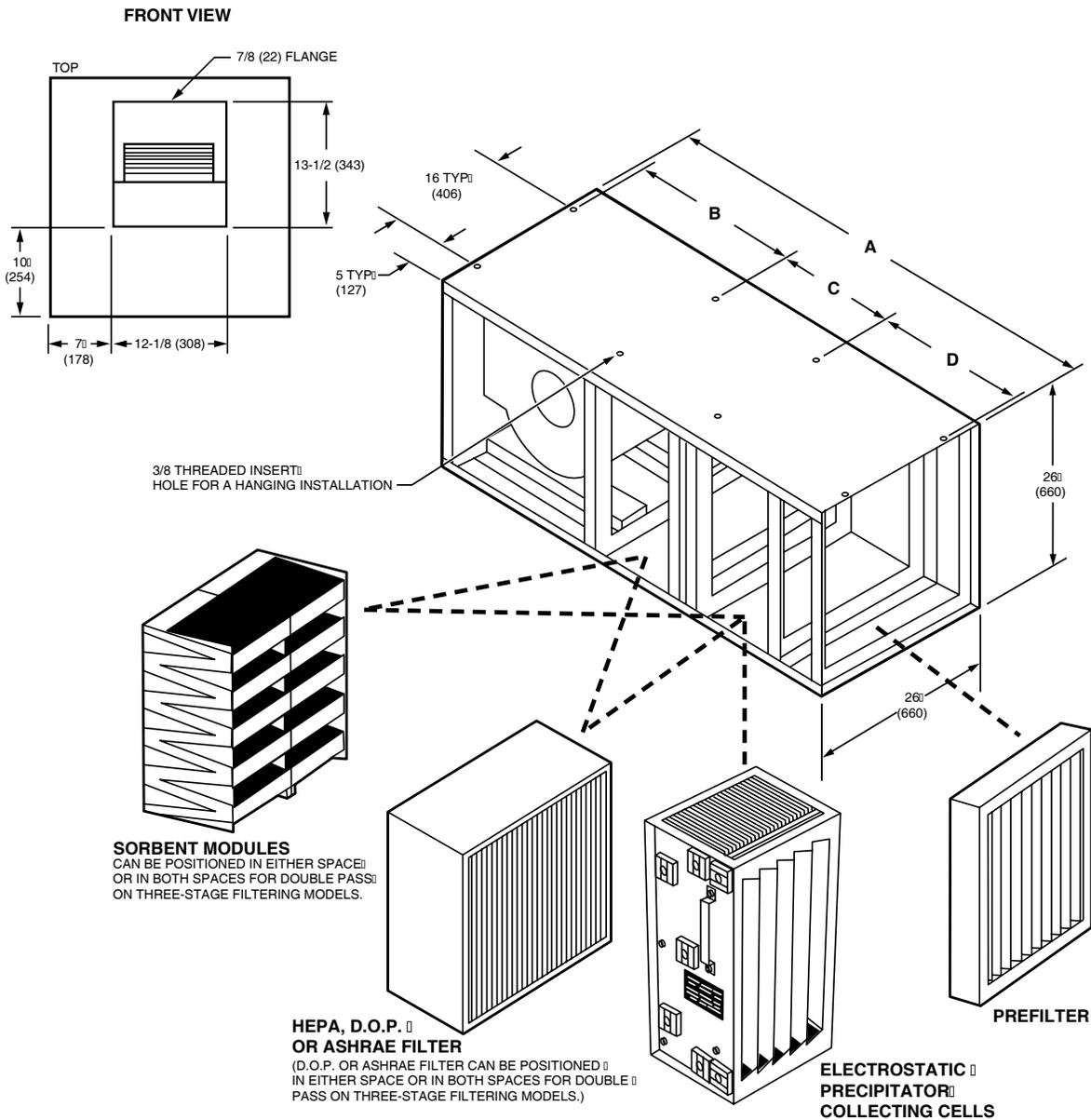
The air cleaner is suitable for the collection of smoke, bacteria, and viruses, gases, odors, paper dust, brazing, normal atmospheric dusts such as pollens, allergens, dust mites and soot, and virtually any other respirable airborne contaminant. When equipped with CPZ™ modules, gases and odors are adsorbed from the air passing through the filter.

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.
- Designed to overcome the increase in air flow resistance normally caused by filter loading.
- Three-speed, direct-drive, forward curve blower/motor circulates up to 2600 cfm for large areas.
- Negative and positive pressure rooms can be created.
- 3-Speed Remote Wall Switch for easy control of F116.
- 120 Vac, 60 Hz and 230 Vac, 50 Hz models available

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F116A SELF-CONTAINED DUCTABLE COMMERCIAL AIR CLEANER



| MODEL | 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).

Air-Pure Systems

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