

General Description

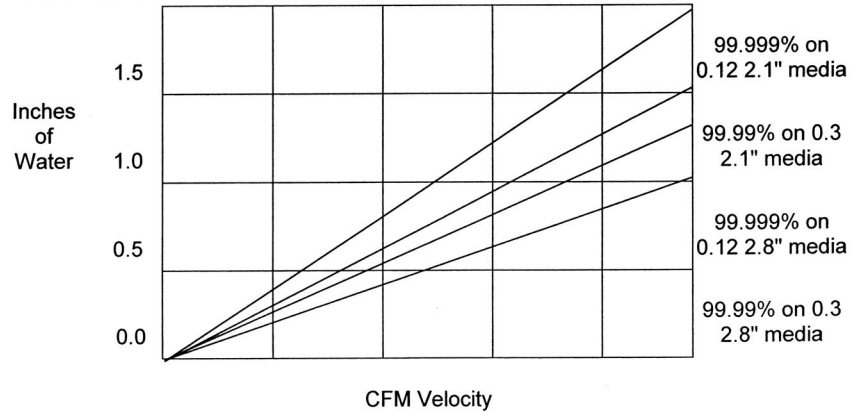
The Clean Air Products Series 109BL terminal HEPA filter module is designed to be installed into a ceiling tee bar grid system.

Some of the standard and optional features are as follows:

Standard Features

- ❖ Final filter
 - Aluminum frames filter frame
 - 2.1-inch (53 mm) mini-pleated media
 - Media is a non-flammable, water repellent microglass paper
 - 99.99% DOP tested at 0.3 microns
 - 23-5/8 inches x 47-5/8 inches x 3 inches
 - Expanded painted metal protective grill
- ❖ Assembly
 - All-metal filter housing
 - Low-profile galvanized plenum sloped for ease of installation
 - Non-flammable construction – no interior foam insulation
 - Light weight (approximately 35 lbs.)
 - Hanger holes (4) 1/4-20 threaded holes

Airflow Curve



Replacing The HEPA Filter

The HEPA filter element is replaced by unscrewing the top metal blower housing from the aluminum HEPA filter frame and then re-attaching the top metal blower housing to the new filter element. The HEPA filter element typically lasts for many years.

Options

- ❖ Non DOP test filters (laser scan using atmospheric dust)
- ❖ 99.999% DOP test on 0.12 micron particle
- ❖ 99.9995% DOP test on 0.12 micron particle

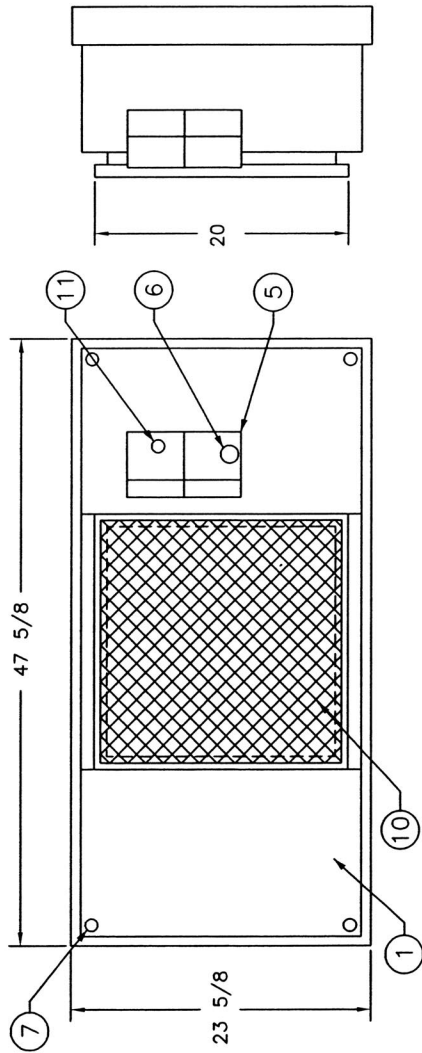
- ❖ 2.8-inch (70 mm) low-pressure drop media pack
 - ❖ Externally mounted insulation
 - ❖ Fluorescent light (115V) with flow-thru air capability
 - ❖ Ionization
- Consult factory for other options.

Series 109BL



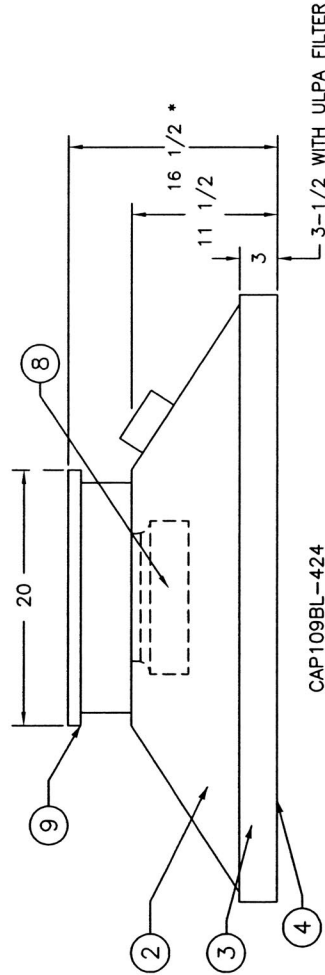
 For more information or to download or fax this product from the web, simply go to:

www.cleanairproducts.com/109BL

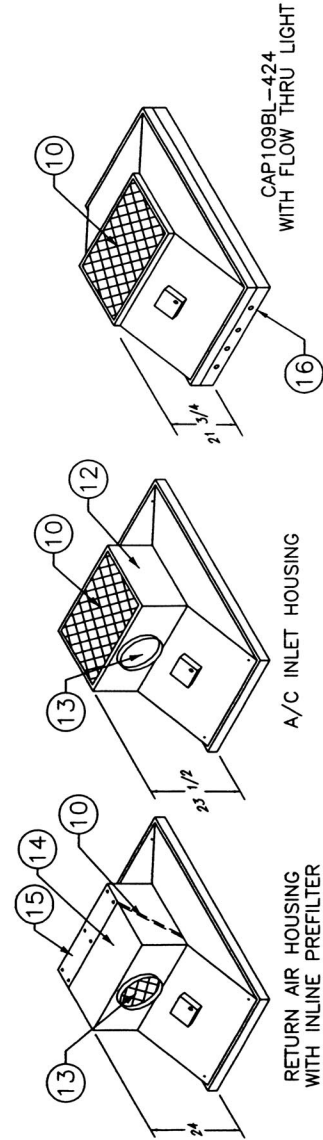


ITEM:

1. CAP109BL-424 Motorized Ceiling HEPA
2. Metal Plenum Cover
3. HEPA Filter with aluminum frame
4. Protective Face Guard
5. Electric Box
6. On/Off Switch
7. Hanger Holes 1/4-20 Threaded
8. Blower/Motor
9. Prefilter Frame
10. Speed Control (optional)
11. A/C Inlet Housing. Air entering in thru the 10" inlet is not prefiltered.
- 12.
13. 10" Inlet Collar
14. Return Air Inlet Housing with in line prefilter. Air entering in thru 10" inlet in prefiltered.
15. Access Panel - Prefilter. The access panel has an optional side mount location. Lights, Fluorescent- Flow Thru- 4 lamp
- 16.



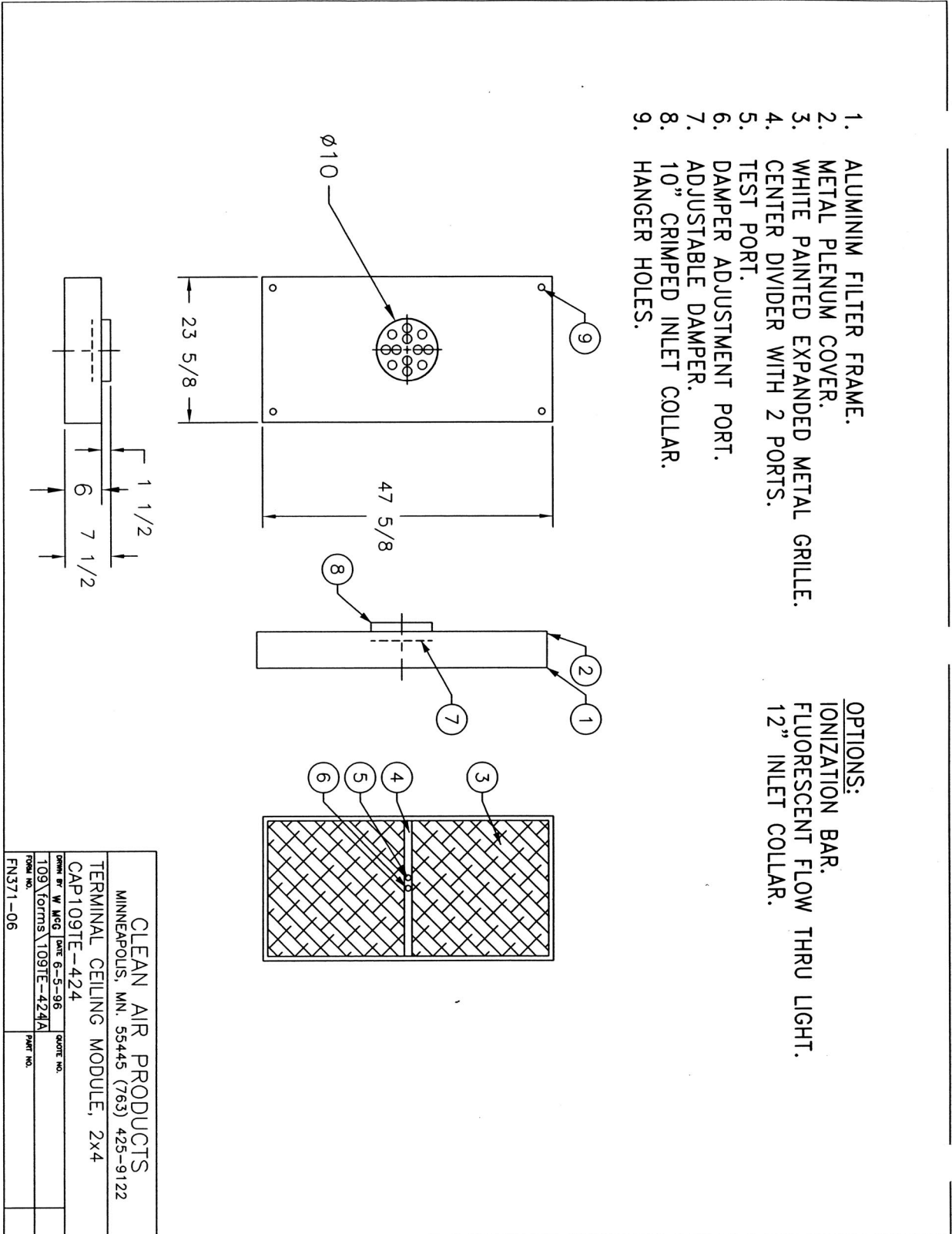
NOTE:
 *OPTIONAL SHORT FRAME= 13-1/2 WITH HEPA FILTER
 14 WITH UPLA FILTER
 *OVERALL STD HEIGHT WITH UPLA FILTER 17



CLEAN AIR PRODUCTS	
MINNEAPOLIS, MN. 55445 (763) 425-9122	
MOTORIZED CEILING FILTER, 2x4	
CAP109BL-424	
FORM NO. 109BL-424-SAMPLE/A	DATE NO. 5-17-96
FORM NO. FN371-05	PART NO.

1. ALUMINUM FILTER FRAME.
2. METAL PLENUM COVER.
3. WHITE PAINTED EXPANDED METAL GRILLE.
4. CENTER DIVIDER WITH 2 PORTS.
5. TEST PORT.
6. DAMPER ADJUSTMENT PORT.
7. ADJUSTABLE DAMPER.
8. 10" CRIMPED INLET COLLAR.
9. HANGER HOLES.

- OPTIONS:
- IONIZATION BAR.
 - FLUORESCENT FLOW THRU LIGHT.
 - 12" INLET COLLAR.



Specifications subject to change. Please contact factory for details.