

# PURITY COMMERCIAL

## LOW PROFILE

## POLARIZED FILTRATION SYSTEM

Now, more than ever, providing the best possible air quality for occupants is a high priority for commercial building owners and managers. Conventional HVAC filters only capture the largest particles. Unfortunately, it's the fine particulates that are the greater threat. Purity Low Profile Commercial captures the smallest particles (known as PM 2.5) down to 0.1 microns and has achieved 97% efficiency removing 0.3 micron particulates in laboratory testing

- Meets CSA Standard C22.2 No.: 187-M1986 and UL Standard ANSI/UL Std No 867 (4<sup>th</sup> Ed.) for electrostatic air cleaners.
- According to the Indoor Air Quality Procedures outlined in the ASHRAE Standard 62-2001, large buildings using the polarized filtration system could cut their outside air requirements by half or even two thirds
- 97% effective capturing particles down to .3 microns (.00001 inch)
- Pressure drop as low as 0.4 WC @ 500 fpm
- Only 1 watt of electricity per panel
- 30% odor-causing VOC reduction per pass
- Low-cost media replacement (\*4-6 months on average)
- Fits standard 2" commercial filter slot
- Lifetime system warranty

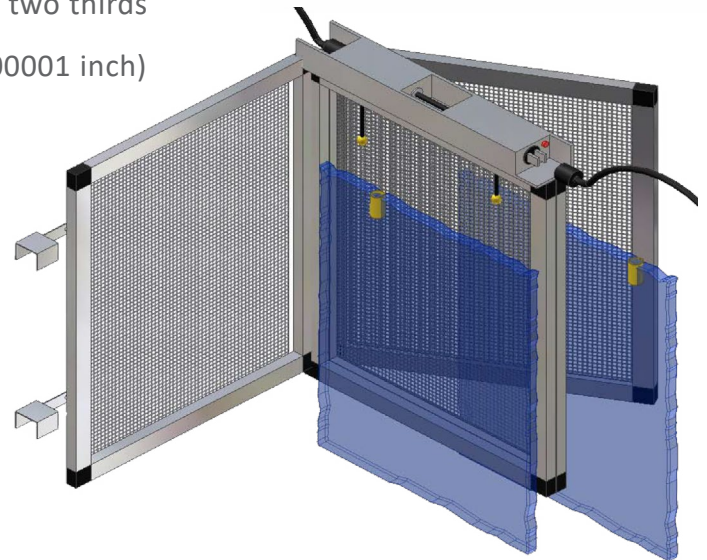
## PLP CAPTURES

### COARSE PARTICLES (<10 microns)

- Bacteria
- Dust & dirt
- Dust mites & debris
- Mold spores
- Pet dander
- Pollen

### FINE PARTICLES (<2.5 microns)

- Viruses
- Atmospheric dust
- Pet allergens
- Smog
- Soot
- Tobacco smoke



SAND GRAIN  
63 - 2000 microns



DUST MITE  
300 microns

Purity Low Profile captures particulates of all sizes (down to an incredibly small 0.1 microns). It uses an polarized charge to attract and clump particles together making them easier to capture without restricting air-flow.



BACTERIA  
0.3 - 5 microns



VIRUS  
0.2 microns

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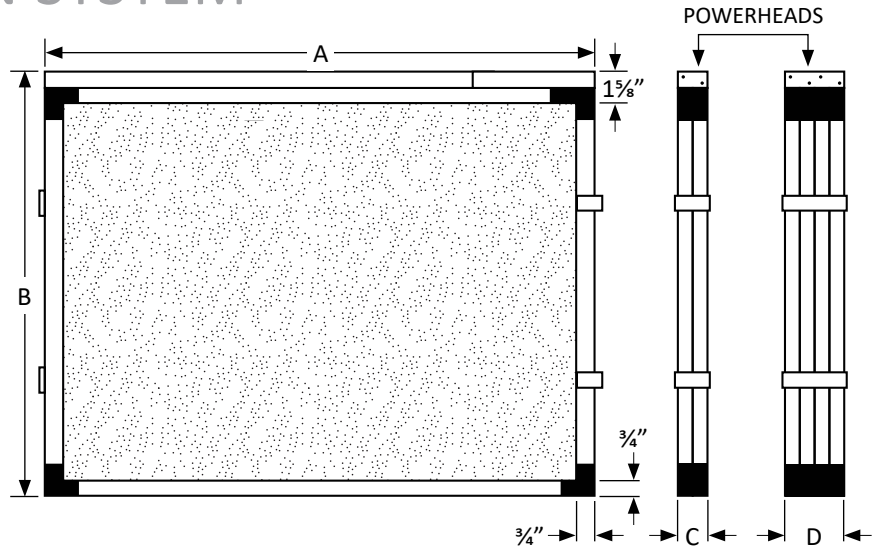


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### EASY INSTALLATION

1" & 2" Panel Air Cleaners are designed to retrofit into the existing filter rack HVAC systems. To power the PLP Commercial system, connect to the existing 24 VAC controls transformer, a separate hard-wired transformer, or a plug-in adaptor.



### PLP FILTER ORDER FORM

#### Requested By

NAME \_\_\_\_\_  
 COMPANY \_\_\_\_\_  
 PHONE \_\_\_\_\_  
 EMAIL \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_

### CONFIGURATION

Specify NOMINAL or ACTUAL size

DIMENSIONS WIDTH  HEIGHT  DEPTH 1 INCH  2 INCH

NUMBER OF PANELS

QUANTITY

Specifications	
Performance	97% @ 0.3 micron
Pressure Drop	0.4 WC @ 500 fpm
Dimensions	<3/8" of filter size
Electrical	24VAC, 0.07amps, 1.5VA, 50/60 Hz
Warranty	Lifetime all parts except media
Part#	TUV-PLP2-XXYY
Replacement Media	TUV-PLPM-1-XXYY



[WWW.FRESH-AIREUV.COM](http://WWW.FRESH-AIREUV.COM)

SALES@FRESH-AIREUV.COM 800-741-1195

DESIGNED & ASSEMBLED IN THE U.S.A.

PLP-C-SPECS 092321