

# PREMIERONE PureFlo™

P6100

WHOLE HOUSE POLARIZED MEDIA AIR CLEANER

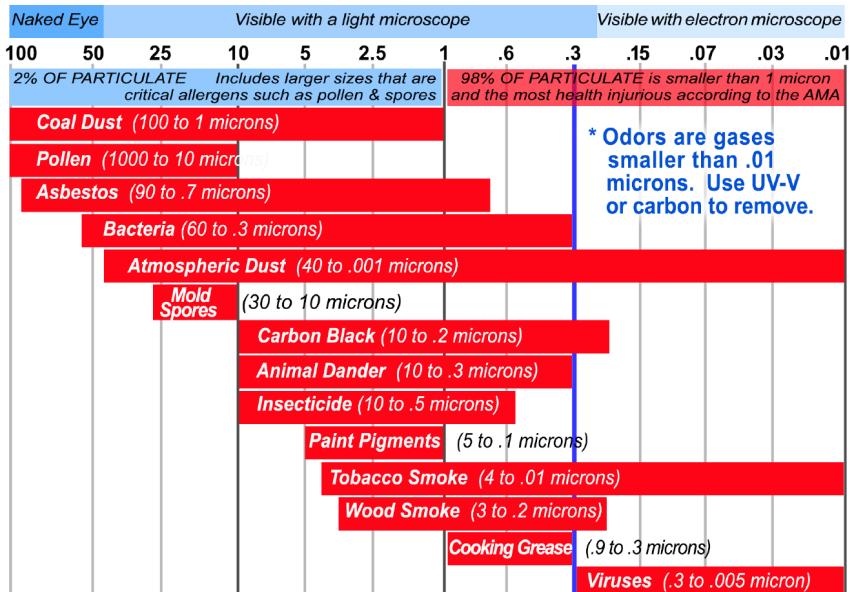


## Superior Filtration

- Removes particles down to .01 microns.
- Traps germs, bacteria, viruses and allergens better than Merv 11 media filters.
- Effectiveness does not diminish over time like electronic precipitators.
- Removes tobacco smoke from air.
- Low airflow resistance
- Effectively filters without restricting airflow. Significant airflow restriction is a common problem with pleated media (Merv 8 or higher).
- Simple 24V wire connection to R&C on furnace board.

## COMMON INDOOR AIR POLLUTION PARTICULATE SIZES COMPARED

Measured in microns. 1 micron = 1 millionth of a meter or 1/25,000 inch. This dot . is roughly 100 microns.



Standard filters including foam, fiberglass & polyester arrest particulate to 10 microns.

Static electric washables will arrest particulate down to about 3 microns.

Pleated media filters will arrest particulate down to 1 micron.

## AIR FILTRATION TECHNOLOGIES COMPARED

The indoor air is always 2 to 5 times more polluted, and at times may be 100 times worse than the outdoor air.

Environmental Protection Agency

Electrostatic precipitator (EAC) can't collect large particulate but will collect small sizes when new. Efficiency begins to drop within 48 hours and is difficult to clean.

PremierOne Polarized Media

can arrest particulate from this entire range. This inexpensive solution will fit in your existing filter rack.

## SPECIFICATIONS

### STANDARD ONE INCH FILTER SIZES

Size (L x W x D)	16" x 20" x 1"
	16" x 25" x 1"
	20" x 20" x 1"
	20" x 25" x 1"

Non-standard sizes available with a 14 day lead time.

Power Consumption 24V Less than 2 watts

Filter Media Pad Lifespan 2 - 4 months

Lifetime Warranty

Replacement media sold in packs of three (3).





**Blue Heaven  
Technologies**

2820 S. English Station Road - Louisville, KY 40299  
Tel: (502) 357-0132 Fax (502) 267-8379

Date: 18-Dec-15

TEST NO.

15-1816A

## ASHRAE Standard 52.2-2012 Resistance Traverse

### Filter Description

Manufacturer	Premier One Products
Filter Model	P124M
Part Number	124
Generic Filter Type	Electronic
Nominal Dimensions (H x W x D)	16" x 25" x 1"
Pocket / Pleat Quantity	Flat
Media Type	Fiberglass
Est. Gross Media Area	2.78 ft <sup>2</sup>
Adhesive Type	N A

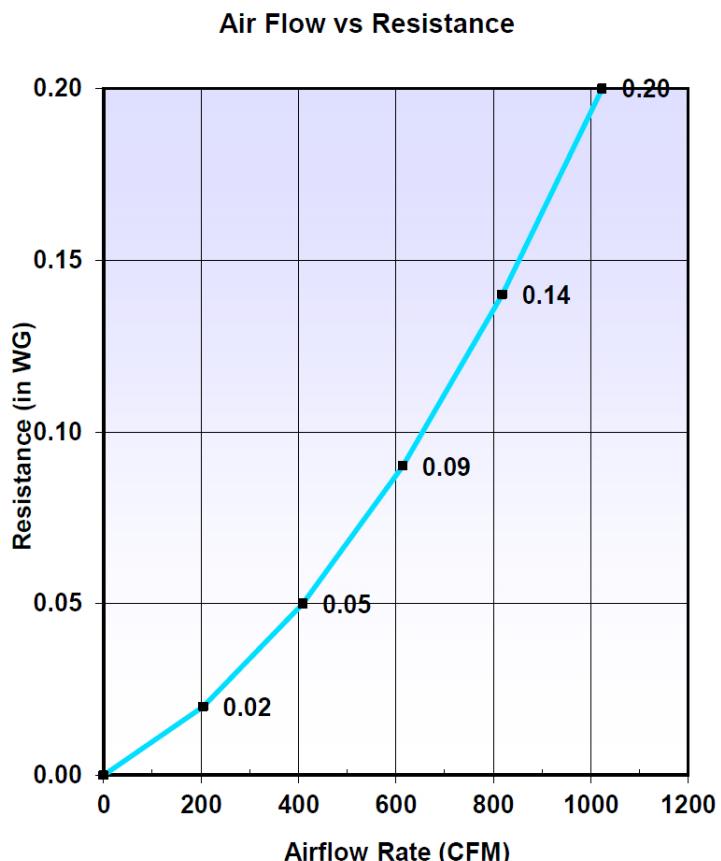


### Test Conditions

Test Air Temp (degrees F.)	43
Relative Humidity (%)	39
Barometric Pressure (In. Hg.)	29.47

### Test Results

Air Flow (CFM)	Resistance (in WG)
205	0.02
410	0.05
614	0.09
819	0.14
1024	0.20



**Comments** Tested For: Premier One Products  
Product Design Flow Rate (CFM) 819

Test Performed by:

TS

Approved By:

Test Completed:

18-Dec-15