

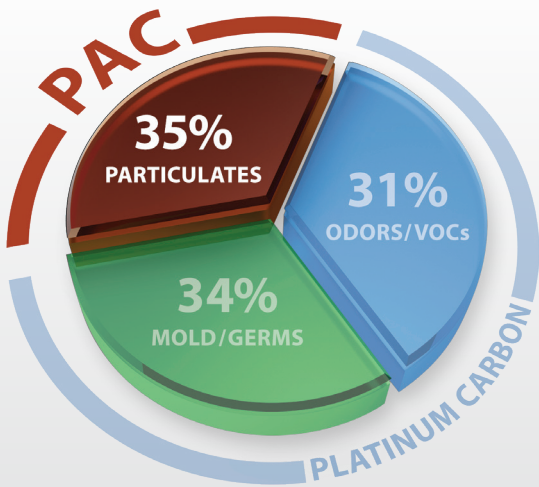


POLARIZED AIR CLEANER

Conventional HVAC filters only capture large particles (PM10) but the EPA has determined that particles of 2.5 microns, or smaller, (PM2.5) pose the highest health risk. The Platinum Polarized Air Cleaner (PAC) captures particulates of all sizes (down to an incredibly small 0.1 microns). A small electric charge is applied which makes them stick together, so they are easier to capture without significantly increasing static pressure.

- UV-reactive filter media with antimicrobial nanotechnology
- Captures particulates, allergens, pet dander, dust mites, spores, etc.
- 97% effective capturing particles down to .3 microns (.00001 inch)
- Low-cost media replacement (*3-6 months on average)
- Fits standard 1" filter slot
- Helps to reduce odors and VOCs
- Lifetime system warranty

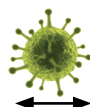
PAC captures particulates of all sizes (down to an incredibly small 0.1 microns). It uses an electrostatic charge to attract and clump particles together making them easier to capture without restricting air-flow.



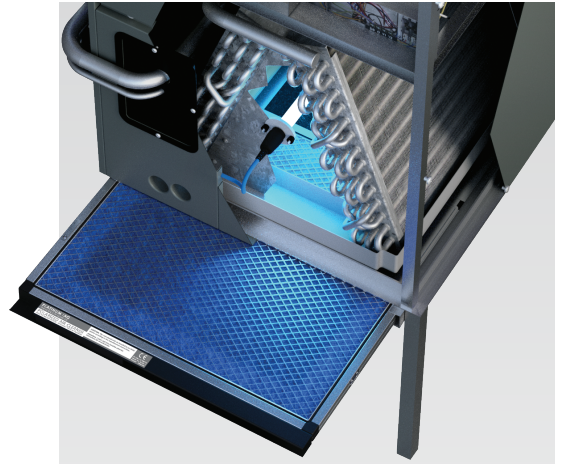
Airborne contaminants can be divided roughly into thirds. PAC captures particulates much more efficiently than conventional filters.



DUST MITE
10 microns



VIRUS
2 microns



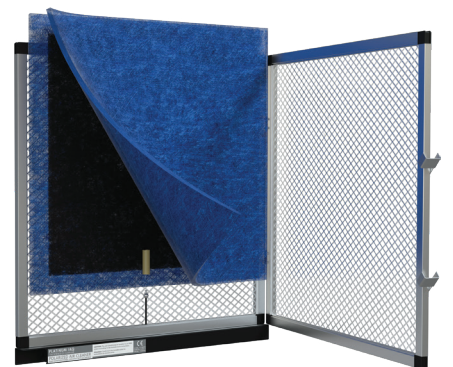
PAC CAPTURES

COARSE PARTICLES (<10 microns)

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

FINE PARTICLES (<2.5 microns)

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



PAC filter media is safe for use with germicidal UV lights. Most HVAC filters are not.

POLARIZED AIR CLEANER

PLP FILTER ORDER FORM

To order PLP filters start by determining the size. Filters can be ordered by **NOMINAL** or **ACTUAL SIZE**. **NOMINAL** size is determined by measuring the space the filter fits in, **ACTUAL** size is determined by measuring the filter itself, generally 3/8" less than **NOMINAL** in both dimensions. So if the **NOMINAL** size is 20" x 20", the **ACTUAL** size of the filter itself is 19 5/8" x 19 5/8".

Specify **NOMINAL** or **ACTUAL** size

NOMINAL

ACTUAL

Width Height

REQUESTED BY

Name _____

Company _____

Phone _____

Email _____ City _____ State _____

Specifications	
Performance	97% @ 0.3 micron
Pressure Drop	0.12" @ 300 FPM
Dimensions	$\frac{3}{8}$" of filter size x 1" deep
Electrical	24VAC, 0.07amps, 1.5VA, 50/60 Hz
Warranty	Lifetime all parts except media
Part#	PL-PAC-XXYY
Replacement Media	TUV-PLPM-1-XXYY

