

# PATRIOT

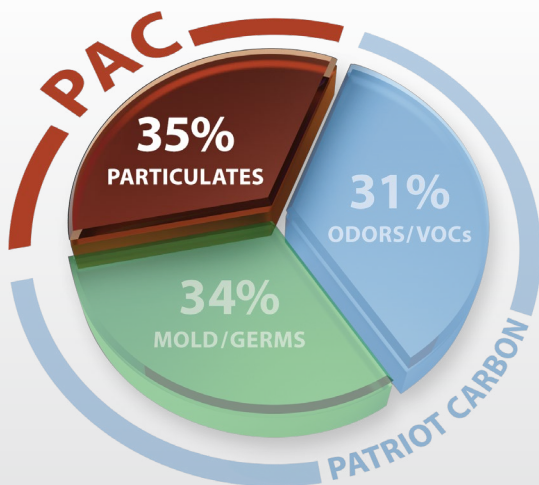
## POLARIZED AIR CLEANER



## HVAC FILTRATION SYSTEM

Conventional HVAC filters only capture the largest particles. Unfortunately, it's the fine particulates that are the greater threat. There are costly filter systems on the market which capture fine particles but they require expensive retrofitting and tend to restrict air-flow, which increases static pressure resulting in reduced HVAC efficiency and energy loss.

- 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

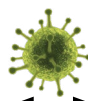


Airborne contaminants can be divided roughly into thirds. PAC captures particulates much more efficiently than conventional filters.

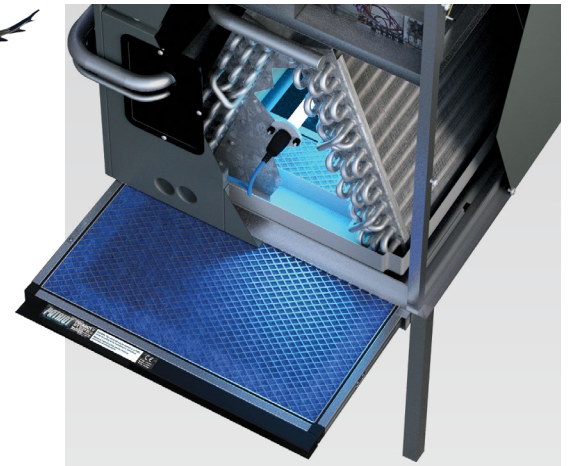
The Polarized Air Cleaner (PAC) captures particulates of all sizes (down to an incredibly small 0.1 microns). It uses an electro-static charge to attract and clump particles together making them easier to capture without restricting air-flow.



DUST MITE  
10 microns



VIRUS  
2 microns



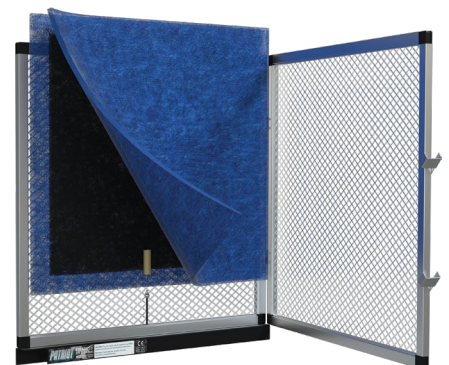
## PAC CAPTURES

### 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 UV lights. Most HVAC filters are not.



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

## PAC FILTER ORDER FORM

To order PAC 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".

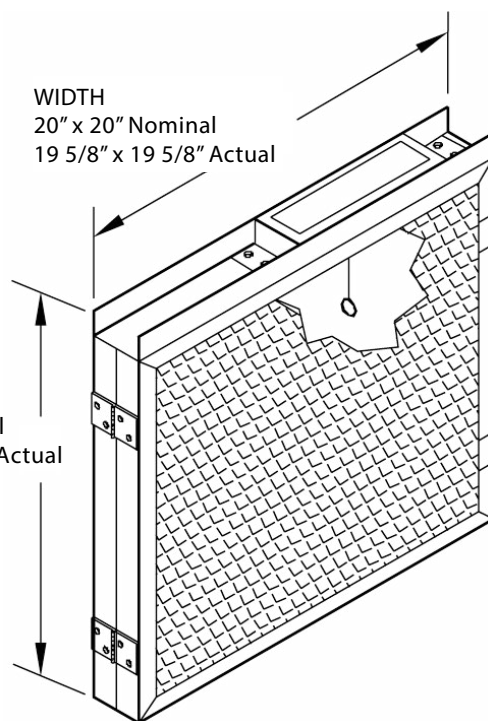
## Specify NOMINAL or ACTUAL size

☐ NOMINAL

☐ ACTUAL

Width  Height

HEIGHT  
20" x 20" Nominal  
19 5/8" x 19 5/8" Actual



## REQUESTED BY

Name

Company

Phone

Email  City  State



PAT-PAC-SPEC 012221

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