

**PL** PLATINUM IAQ™  
THE SCIENCE OF CLEAN AIR

# POLARIZED AIR CLEANER



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PL-PAC-BROC-111819

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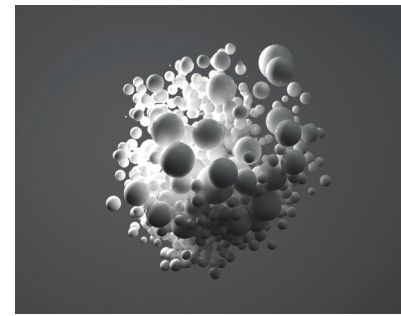
# HEALTHY AIR FOR YOUR HOME



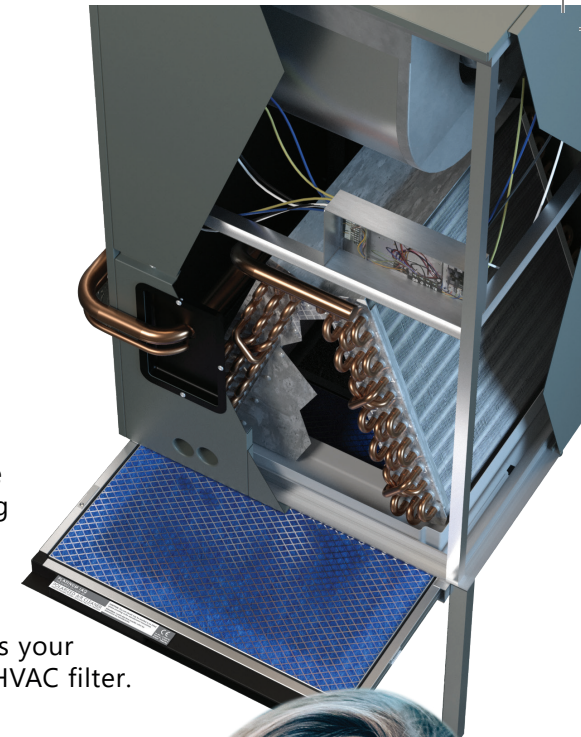
# HEALTHY AIR

Particulate air pollution including fine particles (PM2.5) is in our homes and has shown to contribute to numerous health problems including asthma, allergies, and respiratory diseases. The Polarized Air Cleaner (PAC) captures particulates of all sizes (down to an incredibly small 0.1 microns). A polarized charge attracts particles to each other making them easier to capture.

- Effectiveness of an ultra high-efficiency filter in a low-static pressure 1" design
- 97% effective capturing particles down to .3 microns (.00001 inch)
- Easily fits into standard filter slot. No retrofit or duct modification required
- Low-cost PAC filter replacement (4-6 months on average)
- UV resistant, compatible with other Platinum IAQ products
- Helps to reduce odors and VOCs



When ultra-fine and sub-micron sized contaminants pass through the PAC polarized field, they are negatively & positively charged. The now-charged particulates are attracted together, agglomerating into larger particulates, which are then easily captured on the PAC media.



PAC replaces your existing 1" HVAC filter.

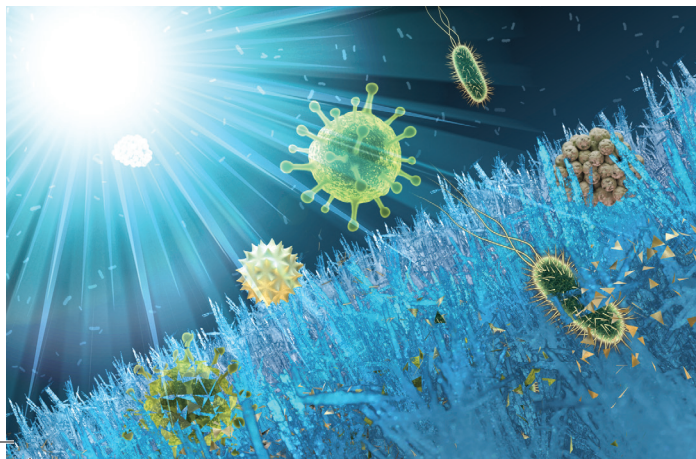
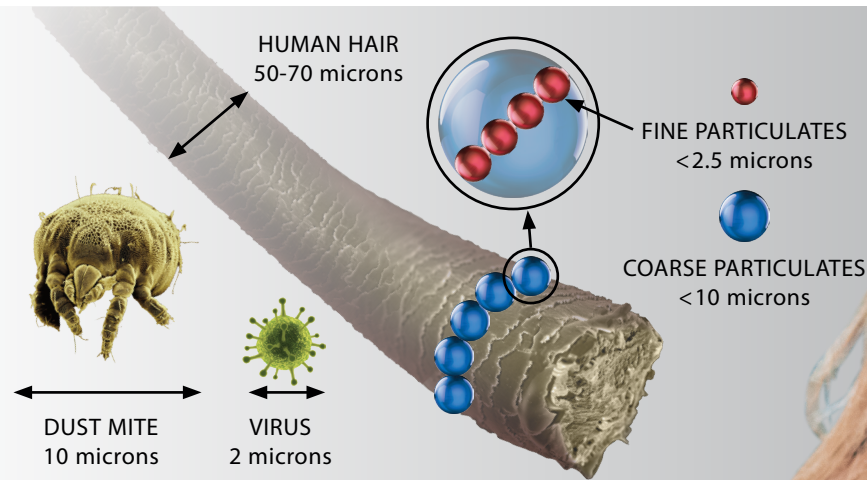
## PAC CAPTURES

**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



## ANTIMICROBIAL NANOTECHNOLOGY

PAC not only captures biological contaminants, it actually destroys them. The PAC filter media is treated with our proprietary antimicrobial nanotechnology, essentially a surface of microscopic crystals that ruptures & destroys microbes such as mold, bacteria, viruses and allergens.