

ULTIMATE HOME AIR CLEANING



ELECTRONIC AIR CLEANERS

Did you know that most common allergens average 10 microns and up in size? That's smaller than a strand of human hair, but fairly large when it comes to airborne particles, especially when built-up on a surface.

The electronic air cleaner in your ventilation system is a highly effective air purifier and designed to remove small particles from the air in your home. However, as common indoor allergens (mold, pollen, pet dander, lint, and household dust) build-up on the collection plates, the air cleaner quickly loses its efficiency and must be cleaned more often to maintain peak performance.

PREFILTER + AFTERFILTER UPGRADE KIT FOR ELECTRONIC AIR CLEANERS

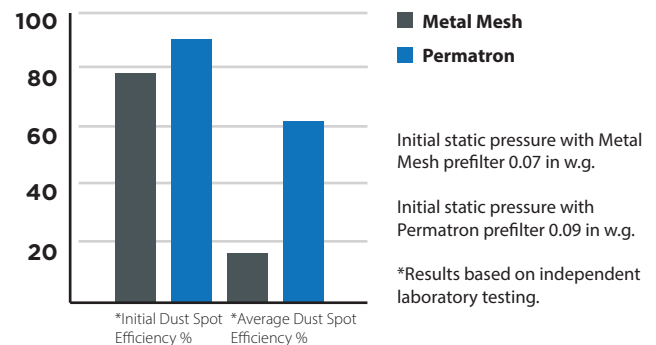
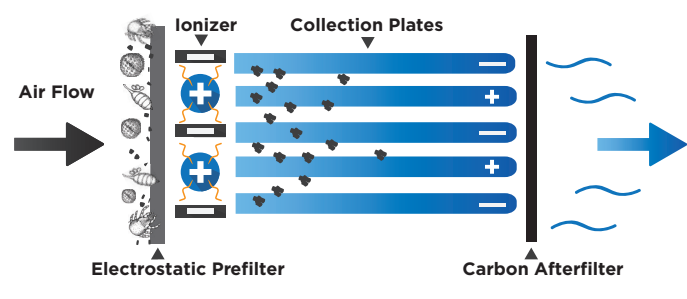
Independent testing shows that using a higher efficiency, washable electrostatic prefilter will significantly enhance the working efficiency of your electronic air cleaner and perform more effectively for longer periods before needing cleaning.

ELECTROSTATIC PREFILTER

- Removes larger particles to increase the working efficiency of your air cleaner
- Reduces high voltage arcing or "snapping" sound in ductwork
- Reduces maintenance requirements
- Protects your investment
- Rinse or vacuum monthly
- Lifetime warranty on prefilter - see website for details

ACTIVATED CARBON AFTERFILTER

- Removes odors/fumes from the air by adsorbing them
- Removes ozone emitted from electrical discharge
- Captures ash "brush-off" from the plates
- Replace every 3-4 months as needed
- Replacement panel available in 4-packs



1.800.882.8012
www.permatron.com

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ELECTRONIC AIR CLEANER UPGRADE

Prefilter Performance Comparison

A popular brand of electronic air cleaner tested for performance with existing metal mesh prefilter, and then with the Permatron electrostatic prefilter.

ASHRAE Standard 52.1-1992 (Test 11591/11592)	Metal Mesh	Electrostatic
Airflow Rate (cfm)	1200	1200
Initial Resistance (in. w.g.)	.07	.09
Final Resistance (in. w.g.)	1.0	1.0
Initial Atmospheric Dust Spot Efficiency (%)	76.9	86.5
Average Atmospheric Dust Spot Efficiency (%)	14	57
Average ASHRAE Dust Weight Arrestance (%)	76	96
ASHRAE Dust Holding Capacity (g)	251	143

Activated Carbon Afterfilter

Resistance to air flow	.02 in w.g. (600 cfm)
	.07 in w.g. (1200 cfm)
	.10 in w.g. (1500 cfm)



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AIR FILTER UNIT
AS TO FLAMMABILITY ONLY
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