



How Fresh is the Air in Your Home?

Reality

Most people think that air pollution has to do with the outdoors. In reality, people spend 60-90% of their time indoors, breathing millions of invisible pollutants that cause allergy or respiratory problems. Harmful particles caused by necessary items such as building materials, cleaning products, pets, home office machines and appliances, are continually recirculating throughout your heating and ventilating system.



Solution

DustEater® attracts and holds airborne particulates, reducing contaminants so you can breathe easier and your HVAC system can run efficiently.



DustEater® is a permanent, cost effective way to significantly improve the quality of your air, independently tested and proven effective for over thirty years.



DustEater® is a washable, environmentally friendly air filter that will give you years of use, backed by a Lifetime Warranty.

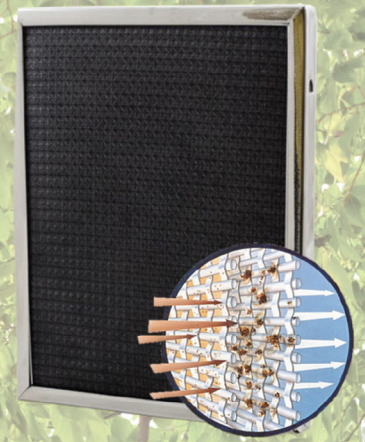
DUSTEATER®

High Efficiency Electrostatic Air Filter
from Permatron

Exclusive ACCUMULATOR CHAMBER®

for Maximum Efficiencies

The DustEater utilizes two electrostatically charged fabric panels separated by our unique ACCUMULATOR CHAMBER to produce a very effective three stage filtration process. The first DustEater media panel (prefilter) attracts and holds airborne particulates. The filter fabric's inherent electrostatic charge enhances filtration by drawing particulates onto fiber surfaces like iron filings onto a magnet. Static electricity, being static, does not flow like electrical current, and therefore does not discharge over time or require either grounding or insulation. The 3-dimensional weave of the polypropylene fabric contributes to the filter's high dust holding capacity. When particulates build up on the prefilter, air flow causes them to break off and be swept into the ACCUMULATOR CHAMBER, where turbulence and electrostatic forces cause agglomeration into even larger particulates. These agglomerated particulates are too large to pass through the second panel (afterfilter). Finally, the afterfilter attracts and holds the smaller particulates that may have escaped the prefilter, or do not respond to an electrostatic charge.



COMMON AIRBORNE CONTAMINANTS		
Visible with electron microscope	Visible with microscope	Visible with unaided eye
Virus	Household Dust	Pollen
	Tobacco Smoke	Mold Spores
	Industrial Dust	Standard Disposable
	Asbestos	Animal & Human Hair (Dander)
	Bacteria	Plant Spores
	Oil & Cooking Smoke	Algae Spores
Fumes	Skin Flakes	Fabric Lints
	Fungi Spores	Paper Dust

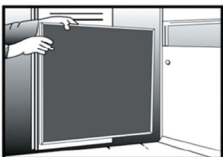
The DustEater is significantly more efficient than standard throw away filters that trap only very large particles. Not only are these filters less efficient but they tend to clog, restricting air flow which results in increased heating/cooling costs. Plus, DustEater is environmentally friendly with no disposable parts, system modifications or electrical hookups.



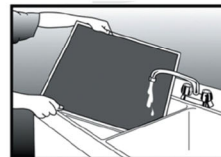
Designed for ultimate allergy relief.

91%	Average Arrestance Efficiency	82%
0.16" w.g.	Initial Resistance @300 FPM (1200 CFM) air flow	0.11" w.g.
160 grams	Dust Holding Capacity	105 grams
✓	Stainless Steel Frame and Wire Supports	✓

Designed for low air flow systems.



Standard and custom sizes are available to fit any furnace. Install DustEater by simply removing your existing disposable filter and sliding in your permanent new air filter. Furnaces with hammock style filter racks can be adapted easily. Check the system requirements for pressure drop/air velocity restrictions.



Clean monthly by rinsing DustEater with running water. Particles inside the ACCUMULATOR CHAMBER as well as on the electrostatic panels wash out easily through the drainage ports. For tough dirt and grease, use a mild detergent and rinse thoroughly with warm water.

Lifetime Warranty. Visit www.permatron.com/product-warranty for details.



AIR FILTER UNIT
AS TO FLAMMABILITY ONLY
655U



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FILTRATION