

Even the best things in life affect the air you breathe.

DUST-PLUS ODOR CONTROL

The Great Indoors...it's where we spend 60-90% of our time...at home, at work, at play. But a closed environment is the perfect trap for millions of microscopic airborne contaminants responsible for poor Indoor Air Quality. These include particulate allergens such as dust, pollen and mold spores, plus gas-phase contaminants (odors/fumes) from tobacco smoke, cooking, pets, office equipment, chemical solutions, building products and ammonia sources.

The results? Physical discomfort, sneezing, wheezing, headaches, fatigue, interference with daily activities and, in serious cases, respiratory problems and hospitalization.

Now get welcome relief from these invisible irritants - affordably - with the unique DustPlus Air Filter. It's really two filters in one - combining washable electrostatic media for particulate air cleaning plus activated carbon or zeolite for odor/fume control. Whether the air you breathe is in a home, at work or in an institutional environment, DustPlus will keep it cleaner and odor-controlled. For a lifetime of clean air, don't change your lifestyle, just your air filter.

*Commercial Applications...
Healthclubs,
Offices, Dry
Cleaners, Hotels,
Print Shops &
Beauty Salons*



*Homes with Pets,
Veterinary Clinics,
Grooming Centers &
Kennels*



*Food
Preparation
in Homes
& Restaurants*



*Nurseries,
Healthcare
Facilities &
Daycare Centers*



DUST PLUS

aerovex
systems

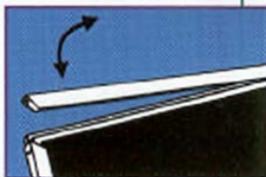


Feel it Working... with Every Fresh Breath You Take.

Substantially reduce many types of harmful indoor air contaminants - particulate and gaseous - with one air filter - DustPlus. It's a compact system made to fit any HVAC unit without requiring costly modifications or electrical connections. DustPlus requires no more space than an ordinary disposable filter, yet accomplishes so much more with two specialized medias blended into a single 1" or 2" deep, galvanized steel frame.

Effective Particulate Plus Odor/Fume Control

DustPlus contains a woven synthetic front panel which carries a permanent electrostatic charge to attract and hold airborne particulates. The interchangeable back panel (after-filter) consists of Activated Carbon or Zeolite which adsorbs noxious odors/fumes. Together, these two panels create our exclusive ACCUMULATOR CHAMBER® and produce a unique three-stage filtration process. The heavy waffle weave of the electrostatic fabric, and the ACCUMULATOR CHAMBER construction, ensure high dust holding capacity and particulate orrestance efficiency. At the same time, these features eliminate the potential for dirt face loading on the front panel, a condition which would ultimately restrict air flow through the HVAC system. This effective filtering combination gives DustPlus its dual action air cleaning ability...



Open the filter to access the interchangeable panel. No tools needed.

particulate removal plus odor removal.

A Closer Look

The DustPlus interchangeable back panel substrate is impregnated with a finely ground coating such as Activated Carbon or Zeolite (additional coatings available on request) and heat set to retain the coating. Just as a sponge soaks up water, harmful odors/fumes are adsorbed and held by molecular action in the thousands of tiny pores in the media coating. Odors are removed from the air, not masked with another odor. Permatron uses only the highest quality substrate to ensure maximum adsorption with minimum resistance to air flow. Because of the wide variety of gaseous pollutants, no single product solves all odor/fume problems. Activated Carbon and Zeolite, two of the most commonly used adsorption-capable media coatings, have affinities for common irritants such as:



Remove and replace the interchangeable panel. Snap close the DustPlus air filter.

Easy to Maintain

DustPlus should be periodically rinsed free of accumulated particles. Plain water and a mild detergent may be used on the front panel; the back panel should be removed from the frame, and can be vacuum cleaned to extend its useful life. The electrostatic charge in the front panel is an inherent property of the woven fabric, and remains constant over time, even with continual washing.

Depending on the odor/fume environment, the interchangeable back panel can last up to six months. Once it has reached maximum adsorption, the panel is simply removed and replaced. The HVAC system's recirculating fan should be kept running to ensure maximum air contact with filtration and adsorption medias.

Standard & special sizes available

Lifetime Warranty

(on permanent parts only)



Air Filter Units Classified By Underwriters Laboratories Inc. As to Flammability Only CLASS 2 665 U

Special Options Available

- Conversion Kit allows you to change pleated filter housing to hold a Dust-Plus 1" or 2" air filter.
- 2" DustPlus... 1" Electrostatic Front Panel Plus 1" Odor/Fume Pleat Filter Back Panel for Commercial Applications
- Electrostatic back panel for 100% washability when odors/fumes no longer present.

Independent Laboratory ASHRAE* Test Data

- 78% Average Arrastance Efficiency
- 0.19" w.g. Initial Resistance @ 300 FPM (1200 CFM) Air Flow
- 115 grams Dust Holding Capacity

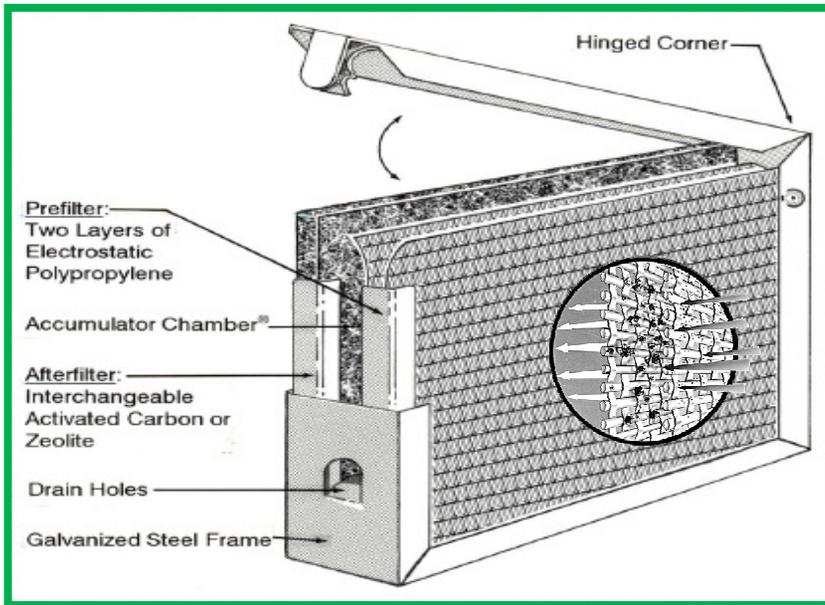
Filter Panel	Odor/Fume	
	ACTIVATED CARBON	ZEOLITE
Cooling/Food	✓	
Cigarette Smoke	✓	
Mold/Mildew	✓	
Waste/Refuse	✓	
Cleaning Solutions	✓	✓
Nursery Odors	✓	✓
Urine/Ammonia		✓

Comprehensive affinity data for odors/fumes available upon request.

Available from:



Gives You An *Inside* Advantage..



... with our Exclusive

ACCUMULATOR CHAMBER® Design

The key components of a truly efficient unit are on the inside. Engineering expertise enables our Accumulator Chamber design to:

- ◆ Resist particulate buildup on the surface to maintain adequate air flow
- ◆ Maintain a low resistance to air flow for more balanced heating and cooling
- ◆ Increase the air filter's dust holding capacity
- ◆ Promote maximum arrestance performance and easy/thorough cleanability

Allergy Relief Plus Odor Control

- ◆ Two filters in one, combining washable electrostatic media for particulate air cleaning plus **activated carbon or zeolite for odor/fume control**
- ◆ Galvanized steel frame and wire support
- ◆ Lifetime warranty on permanent parts. Once the interchangeable back panel has reached maximum adsorption, the panel is removed and replaced.
- ◆ Initial resistance 0.19" w.g. @ 300 FPM (1200 CFM) air flow
- ◆ Average arrestance efficiency 78%
- ◆ Dust holding capacity 115 grams
- ◆  Air Filter Unit Classified As to Flammability Only 655U

800-288-2023

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