

DiversiTech ***and the Simple Truth*** ***About Filters***



DiversiTech is well known as an industry leader in heating, ventilation, and air conditioning supplies. As a full-line company, we avoid the high-price baggage filter-only manufacturers have built up over time. You now have a clear choice.

An honest, quality filter is all you need, not the confusing and exaggerated claims made by others. Can our filter work without the "special" air chambers, spacers, and plastics other manufacturers use? Yes, of course, as the test data shows. Be aware that "special" features simply mean our competitors are going to charge you more for their gimmicks. Learn more about the Truth in the Q&A section of this brochure.

***Many companies make filters,
but DiversiTech is the name your contractor trusts.***

INSTALLATION AND CLEANING

Install the DiversiTech permanent air filter with the Air Flow arrow on the filter label facing in the direction of the air flow (toward the fan blower). To clean, remove the filter and hose it off in the direction opposite the Air Flow arrow. Allow to dry before reinstalling. Like all filters, if not cleaned for an extended period of time, DiversiTech permanent air filter may begin to resist air flow and cause system malfunction. Although the filter can go 3-4 months without being washed, clean monthly to ensure optimum performance of your air conditioning unit. A refrigerator magnet is included to remind you to clean monthly.

Always have your unit checked regularly by a trained service contractor. Ask for your contractor to add monthly cleanings to your service contract.

When the dust settles, you'll see DiversiTech's permanent air filters are Good for Life!

Cleaner indoor air, as tested by ASHRAE standards

All-white filter design for "clean you can see"

Low air resistance to keep your unit safe

Aluminized frame not flammable like plastic frames, will not rust

No replacements needed—Lifetime Warranty

Foamless, "fluffyless" polypropylene construction

Anti-microbial added to inhibit contamination of fabric surface

Easy installation and maintenance

Environmentally friendly—one replaces hundreds of disposables

STANDARD 1" FILTER SIZES

12 x 12	14 x 25	16 x 25	20 x 24
12 x 20	14 x 30	18 x 18	20 x 25
12 x 24	15 x 20	18 x 24	20 x 30
14 x 20	16 x 20	18 x 25	24 x 24
14 x 24	16 x 24	20 x 20	25 x 25

Custom filters are available in 1" and 2" sizes.

Distributed by:

LIMITED LIFETIME WARRANTY: DiversiTech hereby guarantees to the original purchaser that this DiversiTech permanent air filter will remain free of defects in materials and workmanship, when used in accordance with the recommended guidelines, for the life of the unit on which it is installed. Should this air filter be found to be defective, the remedies of the original purchaser are expressly limited to having DiversiTech replace the filter free of charge. To obtain the replacement filter, the original purchaser must call DiversiTech's Customer Service at 1-800-995-2222.

This warranty does not include the cost of installing the DiversiTech permanent air filter or any other costs, all of which shall be borne by the original purchaser. This warranty does not cover damage due to abuse, improper installation, installation in other than standard residential air conditioning and/or heating units, cleaning by high pressure hose or sprays or by use of highly caustic or corrosive cleaning agents.

DiversiTech makes no other warranty whatsoever and all other warranties of merchantability and fitness whether expressed or implied are limited to the life of the original air conditioning or heating unit on which the DiversiTech permanent air filter is installed.

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Permanent Air Filter

Washable • Electrostatic



Cleans your air!



Protects your unit!



Lasts a Lifetime!

***Good
for
Life!***

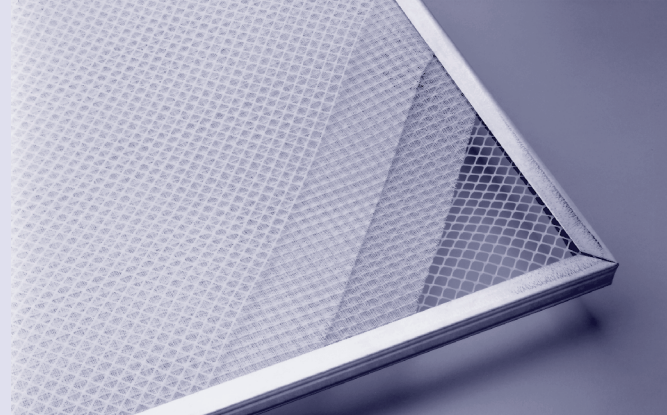
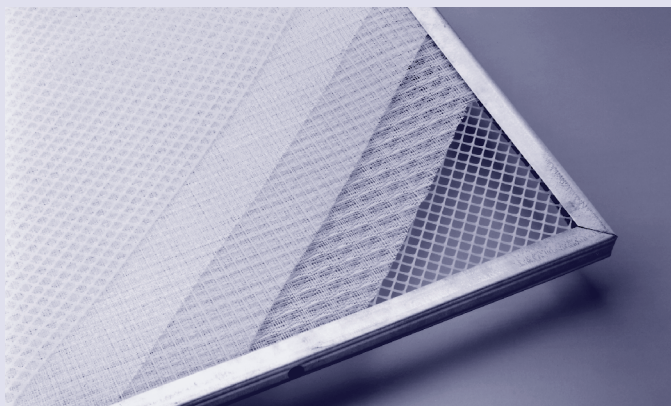
CONTRACTOR SALES GUIDE

Finding the Right Balance

Quality filter manufacturers design filters with three things in mind:

- 1) Your air conditioner needs a constant supply of air to prevent unit breakdowns. Therefore, a filter should have a low air resistance.
- 2) You would like to breathe cleaner air. Therefore, a filter should have high dust arrestance and holding capability.
- 3) You don't want to have to replace filters all the time. Therefore, a filter should be made of long-lasting, cleanable material.

Cut-away pictures show the multiple layers of plastic fabric that allow progressive loading of dust within DiversiTech permanent air filters, both Red Label (below) and Blue Label (right).



Narrowing the Field

Every filter makes trade-offs between letting too much air through (good for your unit) and trapping too much "stuff" (good for you). So, where is the right balance? What is best for both you and your unit?

DiversiTech offers two permanent air filters. Choose the **Red Label Filter** for a good balance between ample air flow and ability to trap dust. Choose the **Blue Label Filter** if you feel greater air flow is needed, perhaps for older units.

Red Label Filter*

0.12 Initial Resistance
83% Peak Dust Arrestance
77% Average Dust Arrestance
151 gm. Dust Holding Capacity

Blue Label Filter*

0.08 Initial Resistance
79% Peak Dust Arrestance
71% Average Dust Arrestance
90 gm. Dust Holding Capacity

*Testing in accordance with American Society of Heating Refrigeration and Air Conditioning (ASHRAE) 52-76 test procedure, which may not be indicative of actual performance.

FREQUENTLY ASKED QUESTIONS

Q: How do DiversiTech permanent air filters work?

A: Two ways. First, particles are strained. Our filter fabrics are layered with progressively smaller and smaller fibers and holes between fibers. Large particles get stuck first, and then smaller particles on succeeding layers. Second, air passing over the plastic (polypropylene) fibers creates a charge, like when your clothes get static cling, that draws tiny particles to the fibers.

Q: Will any filter stop allergies?

A: No. Filters reduce irritants in the air, but they do not stop allergies. For example, if your dog lives indoors, the filter will catch pet dander, but the dog is still around. Even if the dog was removed, you would still be allergic if it returned.

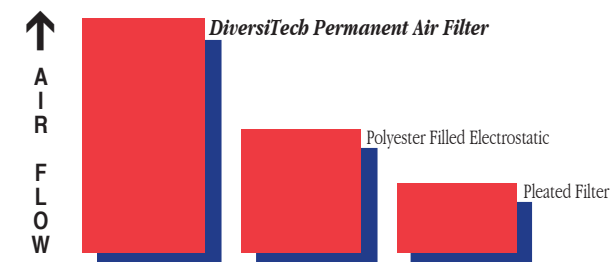
Q: Does a metal frame stop static charge?

A: No. This kind of charge does not become grounded by the filter frame. Besides, plastic frames are usually in contact with metal filter housings, so the effect would be the same. Another benefit of metal frames is that metal doesn't burn nearly as easily as plastic.

COMMON AIRBORNE CONTAMINANTS		
Visible with Electron Microscope (Hard to Trap)	Visible with Microscope	Visible with Unaided Eye (Easy to Trap)
Virus	Household Dust	Pollen
	Tobacco Smoke	Mold Spores
	Industrial Dust	Animal & Human Hair (Dander)
	Asbestos	Plant Spores
Oil	Bacteria	Algae Spores
	& Cooking Smoke	Fungi Spores
	Skin Flakes	Fabric Lints
Fumes		

Q: If I forget to clean my filter, and air flow stops, will my air conditioner coils freeze or motor burn out?

A: After an extended period of time, yes. DiversiTech's permanent air filter should be fine for a few months, but you should clean it monthly anyway (we've included a refrigerator magnet to remind you to clean). Over time, any



The DiversiTech permanent air filter maximizes AIR FLOW for optimum performance of your system.

filter will get caked enough to cause damage—regular cleanings are always required. To watch after your unit, we have combined low air resistance with the ability to hold a lot of dust.

Q: Why shouldn't I buy a low-resistance filter that incorporates foam?

A: Manufacturers publish "initial resistance," which lasts only a few brief moments. Foams may clog and be hard to clean, as well as degrade over the years.

Q: How about fluffy polyester filters like those found in home centers?

A: DiversiTech cautions you against these low-grade filters. Most manufacturers admit that such filters last only 3-5 years. The fibers mat together when washed, and dirt is tough to rinse out. Plus, the high air resistance poses greater concern for damage to your unit.

Q: What about "pleated media" filters?

A: Pleated media filters work well, but the good job of filtering means higher air resistance, which in turn means more work for the unit—you must remember to change these filters on a regular basis to avoid damage. Plus, these filters are expensive when you consider having to replace them at least every three months.

Q: Now, how about 50¢ fiberglass disposables?

A: They were never meant to help human beings. Fiberglass disposables work to protect the unit against large objects, but in terms of your health, you get your 50¢ worth. Of course, even that 50¢ adds up to cost much more than DiversiTech's permanent air filter in the long run.