

## Frequently Asked Questions (FAQ):

### **Q. What does "electrostatic" mean?**

**A.** A static electric charge (positive or negative), or having a charge which remains local and permanent. This property does not diminish or disappear over time, and is not an additive that can wash out from filtration media, nor is it created by the addition of high voltage electricity. Airborne particles are attracted to the filtration media like iron filings to a magnet. Particles remain attached to the media until they are rinsed away.

### **Q. How do I know which washable air filter is the right one for my use?**

**A.** Furnaces and air conditioners are not all alike; some have different air flow requirements for optimum efficiency. No one filter is effective in all circumstances. Today's equipment manufacturers are using advanced sensitive technology. With 90 Plus efficiency come stricter air filter requirements. The same can also be said for homes with older HVAC equipment or heat pumps, with limited airflow of less than 900 CFM. Homeowners should not just insert an air filter into their system without checking on the size of the ductwork and the pressure drop/air velocity requirements. These requirements can be found in the operating manual of the equipment.

### **Q. Why does this type of permanent, washable furnace air filter cost more?**

**A.** Built with the finest quality permanent/washable materials and construction design, this furnace filter is made to last the life of your HVAC system. There are no replacement parts and nothing to dispose of and environmentally friendly. This is a one time cost, and gives you the least cost over the product's useful life.

### **Q. With a pleated filter, I can just throw it out and put a new one in my system.**

**A.** Disposable furnace filters, which use impingement filtration, tend to face-load over time due to particle buildup. This causes increased resistance to airflow if not changed or cleaned regularly. Clogged furnace filters can cause upset of air flow balance, resulting in overheating and costly damage to a blower motor or compressor. Our woven filter media allows air to flow through. The particles, attracted to the electrostatic fibers in the direction of air flow, build up on the fibers without face loading.

Permanent/washable electrostatic filters are a one-time cost and environmentally friendly. If you add up the time and material cost of buying new throw away filters each month, you'll see that our permanent furnace filter gives you the least cost over the product's useful life. Our washable air filters are

simply rinsed and placed back into your system. Our air filters are a "green" product!

**Q. Do I need to plug my electrostatic in to an outlet?**

**A.** No. The static charge is inherent in the filter media.

**Q. What size filters do you manufacture?**

**A.** We manufacture all sized filters. Our air filters come in 24 standard sizes as well as any custom size you need, including those with fractions. Standard Sizes Available:

10X20, 12X12, 12X20, 12X24, 16X24, 16X25, 18X18, 18X20, 18X18, 20X25, 18X30, 24X24, 20X30, 14X20, 14X24, 20X20, 18X24, 15X20, 14X25, 12X36, 18X25, 12X30, 16X20, 14X20, 20X24

Filter thickness is available in W', Y.z", 1" and 2".

**Q. How can I tell that my air filter is working?**

**A.** Air filters are designed to remove airborne particles as the air from your home recirculates through your ventilating system. Air filters can not remove dust particles that have already settled onto your furniture, and do not take the place of vacuuming and dusting. Unusually high levels of dirt might be caused by remodeling/construction, repairs on ventilation system breaking built-up dirt loose, new home furnishings generate high lint levels, open windows suck in dirt from outside air, clothing dryers vent indoors, or your filter has become coated with oils from cooking, air fresheners, professionally cleaned furnishings or cigarette smoke. Your air filter will work most effectively if your recirculating fan is turned on, as well as your heat or air conditioning. Your filter might not look very dirty on the surface because dirt is distributed throughout several layers of filter media. Remember that most airborne particles are not visible to the naked eye. Rinse the filter in a white tub and you will see the dirty water running out.

**Still have questions? Contact us:**



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