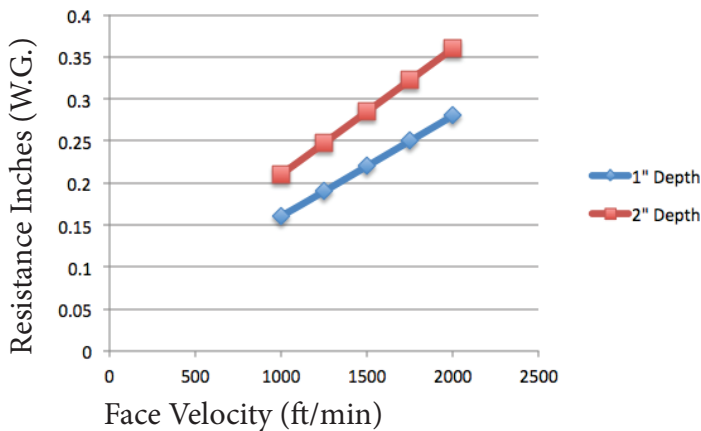


Airex Filter Corporation

EAFF Electrostatic

Self-Charging Air Filter



example part # **EAFF25252**

EAFF-25-25-2



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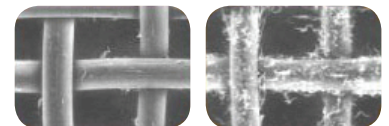
UL 900 covers both washable and throwaway filters, used for the removal of dust and other airborne particles from mechanically circulated air in equipment and systems. This is in accordance with the Standards of the National Fire Protection Association (NFPA) for Installation of Air Conditioning and Ventilating Systems, of Other Than Residence Type, NFPA No. 90A, and for Installation of Residence Type Warm Air Heating and Air Conditioning Systems, NFPA No. 90B.

The Airex EAFF Self-Charging Electrostatic Air Filters combine high efficiency, low pressure drop, maximum resistance and large dust holding capacity in an easy to care for permanent filter. EAFF filters are available in a 1 inch or 2 inch .040 aluminum frame, available in all standard sizes, as well as a variety of custom sizes. As air flows through the unique design of the five stage media, electrostatic action occurs, holding and containing particles of dirt in our specially designed storage chamber where they are trapped between the pre-filters on the upstream side and the final filters on the downstream side. Between the two layers of media is a layer of corrugated aluminum for added support and strength. The media is supported on both sides with flat 1/4"x1/2" .036 expanded aluminum. EAFF filters are lightweight, durable, washable, and easy to clean. Simply flush with water, shake dry, and place back in service. There is no foam or fillers used that could break down and shorten the life of the filter. This high quality filter will last for years in most applications when cleaned properly. Under ideal conditions our EAFF filters can reach 90% efficiency. However, as the filter loads and the electro-static properties diminish the efficiency could drop as low as 50% during use. Each filter category receives a MERV rating (minimum efficiency reporting value) and because we can only rate the EAFF filter at its lowest rated value the best allowed rating would be MERV 4-5 @ 10 micron.

How Our Electrostatic Furnace Filters Work

Electrostatic Air Filters clean the air by using static electricity, a safe, naturally occurring phenomenon. An electrostatic charge is generated by air flowing through a maze of static prone fibers. Airborne particles are attracted and held by the static charge until released by washing. All Airex Electrostatic Air Filters contain an EPA registered anti-microbial material to inhibit mold and bacteria growth on the air filter surface.

The air you breathe contains many irritants such as pollen, dust, bacteria, mold spores, pet dander and smoke. Most of these particles are smaller than one micron. Our Electrostatic Air Filters are an effective and efficient way to reduce the number of these particles in your air. This illustration shows the typical dust loading pattern of the electrostatic fibers. This unique characteristic improves air flow while providing maximum filtration.



For more information, please visit our informational website

www.AirexFilter.com

