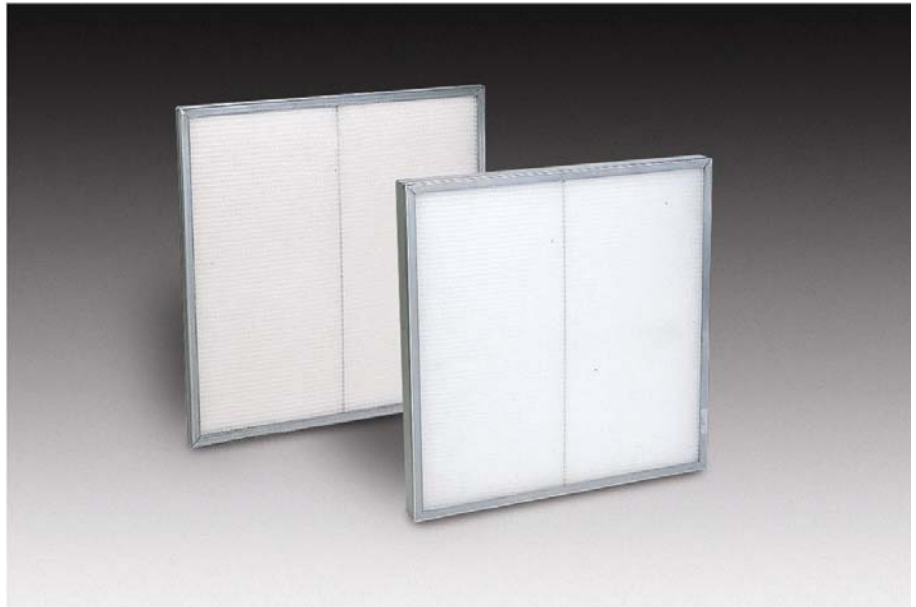


## FILTRATION GROUP ELECTROSTATIC AIR FILTER



- Removes up to 90% of common indoor contaminants by weight
- Excellent replacement for inefficient disposable air filters
- Whole house/all season air cleaner
- Washable and reusable for simple, inexpensive maintenance
- No electrical hook-up required and no moving parts
- Non-allergenic media is unaffected by moisture or humidity
- Steel frame and durable construction offer easy handling and long service life
- No ozone



### DESCRIPTION

**F**iltration Group Electrostatic filters operate on a simple principle of static electricity - similar to the way lint and hair are attracted to a comb when it's rubbed against a sweater. No electrical connection is required to remove up to 90% by weight of pollen, dust, mold, pet dander and other indoor pollutants.

### BENEFITS

Four layers of polypropylene media have an inherent electrostatic charge, which is enhanced by the movement of air through and across each layer. Particles in the air stream become polarized and are drawn to the media, similar to the way metal is drawn to a permanent magnet. Those particles eventually break off, and are stored in the polyester collector cell until removed by a water rinse.

The use of soaps is not recommended as these products can leave a residue which can dampen the electrostatic effect of the filter.

### APPLICATIONS

Because these filters offer low resistance to air flow, they make excellent replacements for lower efficiency filters.

They are easy to use and maintain. Since no electrical hook-up is necessary the filters generate no ozone, and require no system modification.



# FILTRATION GROUP

## ELECTROSTATIC AIR FILTER

### ADVANTAGES OF THE FILTRATION GROUP ELECTROSTATIC FILTERS

If properly cleaned and maintained on a regular basis, permanent electrostatic filters are an "upgrade" of the usual furnace filters you buy in a hardware store. Since they are washable, you can expect a much longer filter life.

### SPECIFICATIONS

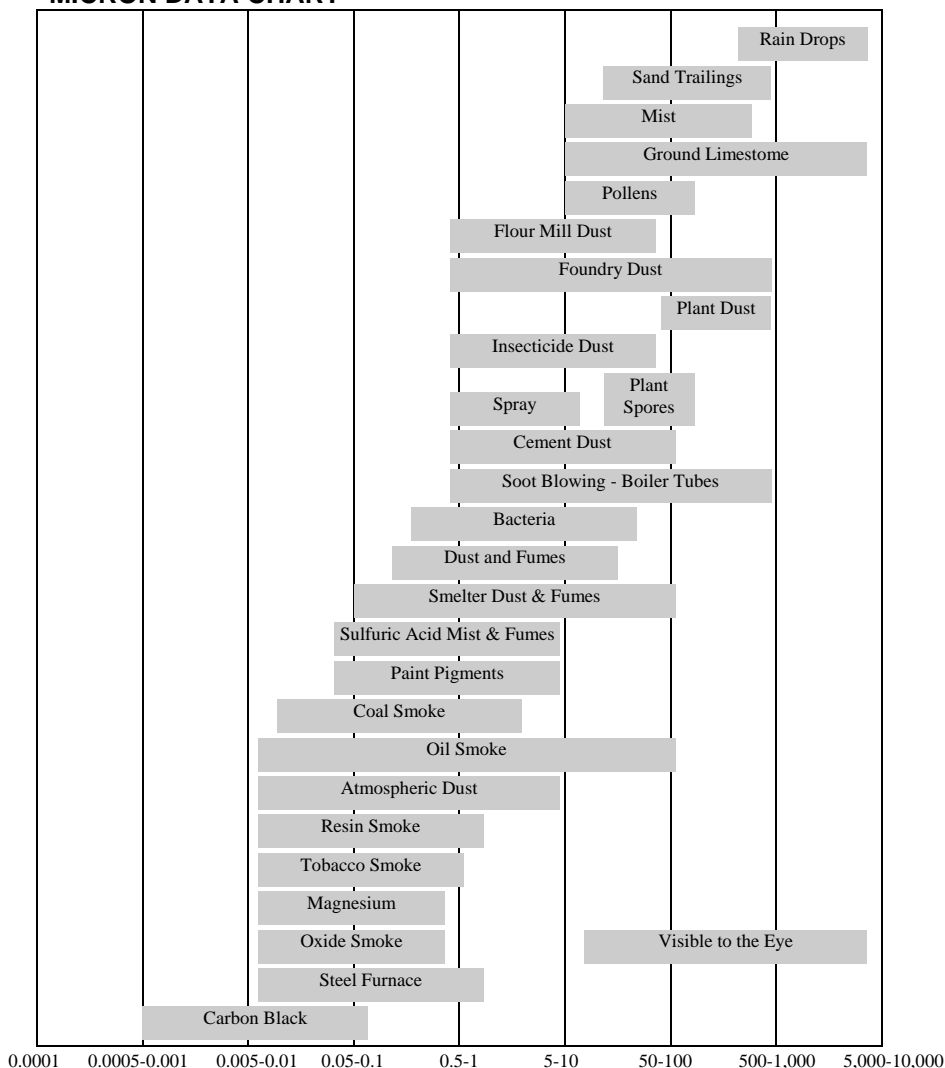
These filters are designed for velocities up to 500 FPM and will withstand temperatures up to 250° F. All filter units are classified by Underwriters Laboratories, Inc. As to flammability only Class 2.

### PERFORMANCE DATA (Based on ASHRAE Standard 52.1)

	1" Deep	2" Deep
Initial Resistance at 300 FPM	.21	.27
Average Arrestance*	90%	92%
Rated Velocity	300 FPM	300 FPM
Recommended Final Resistance	.50" w.g.	.50" w.g.

\*Average arrestance can vary  $\pm 5\%$

### MICRON DATA CHART



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