ELECTROSTATIC AIR FILTER

- Removes up to 90% of common indoor contaminants by weight
- Washable and reusable for simple and inexpensive maintenance
- No electrical hook-up required and no moving parts
- Non-allergenic media is unaffected by moisture or humidity



DESCRIPTION

Air Handler's Electrostatic air 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.

The Electrostatic filter is extremely durable, made with a steel frame that allows for easy handling and a longer service life.

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

These electrostatic air filters offer low resistance to air flow making them an excellent replacement for lower efficiency filters.

They are easy to use, maintain and since they do not require an electrical hook-up, these filters will not generate any ozone.

No system modification is required during the installation of these air filters.

For our complete line of filters, visit grainger.com/airhandler

Find it at Grainger.

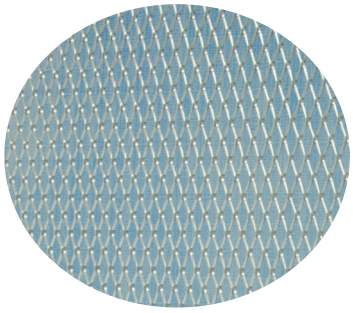
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Air Handler®

Clear the air. Ease your mind.

ELECTROSTATIC AIR FILTER

FILTER ADVANCEMENTS



A closer look at one of the four layers of polypropylene media

- If properly cleaned and maintained on a regular basis, permanent electrostatic filters are an "upgrade" from furnace filters.
- The washable capability allows for an extensive filter life.
- Excellent replacement for inefficient disposable air filters

DIMENSIONS & PART #S

Nominal Size (in.)			Grainger #
H	W	D	
10	10	1	6B709
10	20	1	5W997
12	12	1	6B707
12	20	1	5W998
12	24	1	5W999
14	20	1	6W730
14	24	1	6B704
14	25	1	6W731
15	20	1	6W732
16	16	1	6B701
16	20	1	5W894
16	24	1	6B700
16	25	1	5W895
18	20	1	6B698
18	24	1	6B697
18	25	1	6B695
20	20	1	5W896
20	24	1	6B694

Nominal Size (in.)			Grainger #
H	W	D	
20	25	1	5W897
22	22	1	6B692
24	24	1	6W733
10	20	2	6B708
12	20	2	2DYK7
12	24	2	6B706
14	20	2	6B705
15	20	2	6B702
16	20	2	5W898
16	24	2	6B699
16	25	2	5W899
18	24	2	6B696
20	20	2	5W900
20	24	2	6B693
20	25	2	5W901
24	24	2	6B691
25	25	2	6B690

ENGINEERING SPECIFICATIONS

Electrostatic filters are designed for velocities up to 500 fpm and will withstand temperatures up to 250°F.

All filters are classified by Underwriters Laboratories, Inc.

PERFORMANCE RESULTS

Product Size	Initial Resistance @ 300 fpm	Average Resistance*	Rated Veocity	Final Resistance
1" Depth	0.21	90%	300 fpm	.50" w.g.
2" Depth	0.27	90%	300 fpm	.50" w.g.

*Average arrestance can vary +/- 5%

Results based on ASHRAE Standard 52.1

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