

GE SERIES

ELECTROSTATIC AIR FILTER



**AVAILABLE IN
ONE ALLOY**

GES

Aluminium

WASHABLE ELECTROSTATIC FILTER

Application: The GE Series Washable Electrostatic Air Filter is a permanent washable panel filter designed to replace disposable air filters commonly used in residential, commercial and industrial HVAC systems. Its purpose is to remove airborne particulate from the airstream. It uses a media pack consisting of varying layers of passive electrostatic media. The media generates an electrostatic charge as air passes through it, and airborne pollutants such as dust, pollen, mold, bacteria and lint particles are held in place until washed away. Corner drain holes prevent water and detergent from pooling when cleaning and, therefore, facilitate faster drying time. The filter is naturally antimicrobial.

Construction: The GE Series filter utilizes a metal frame to enclose a media pack consisting of at least 2 layers of fine polypropylene mesh and at least 1 layer of self-charging filter media, or 1 layer of special Permaire media, depending on the filter depth. Face grides on air entry and exit are made of heavy weight expanded metal for increase rigidity. The frame is made with mitered corners and is secured with pop-rivet(s). The frame has drain holes in three corners.

Filter Cleaning and Coating

1. The GE Series should be cleaned every 30 days, or as often as necessary to maximize effectiveness. As with any filter, as dust loads its efficiency increases but so does air resistance, so a consistently maintained filter will last longer and cost less overtime.
2. To clean a dirty filter, rinse it with a moderate stream of warm water in the opposite direction of airflow. High-powered steam cleaning or chemical dips are not recommended.

Due to continuing research and development, we reserve the right to make modifications to any product.

PRODUCT HIGHLIGHTS

- Anti-microbial media
- Uses Passive Static Electricity
- Low Resistance to Airflow
- Washable and Reusable

FAST FACTS

Minimum Order:

No Minimum Order

Sizing Options:

Standard and Special Sizes Available
(See reverse side for details.)

Classification:

UL Classified 900

MAX TEMP:

GES – 150 Degrees F

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MODEL	GES								
CONSTRUCTION									
Frame Alloy	.030" thick aluminum								
Frame Thickness	1/4", 5/16", 3/8", 7/16", 1/2" Exact, Nominal* 1" and 2"								
Face Grids	Expanded aluminum								
Media	Polypropylene & Permaire Media								
APPLICATION									
Application	Airborne particulate and coolant mist								
Max Operating Temperature	150°								
Washability	Frequent and moderate								
STANDARD SIZES									
Nominal** Dimensions (H x W x T)	Part Number	Carton Quantity	Carton Weight	Part Number	Carton Quantity	Carton Weight	Part Number	Carton Quantity	Carton Weight
12 x 24 x 1	GES101224	12	13.0						
16 x 20 x 1	GES101620	12	14.0						
16 x 25 x 1	GES101625	12	16.0						
20 x 20 x 1	GES102020	12	16.0						
20 x 25 x 1	GES102025	12	19.0						
24 x 24 x 1	GES102424	12	21.0						
12 x 24 x 2	GES201224	12	16.0						
16 x 20 x 2	GES201620	6	9.0						
16 x 25 x 2	GES201625	6	10.0						
20 x 20 x 2	GES202020	6	10.0						
20 x 25 x 2	GES202025	6	12.0						
24 x 24 x 2	GES202424	6	13.0						

SIZING INFORMATION

- * **Nominal Frame Thickness:** Thin depths are exact, nominal 1" (7/8" actual), nominal 2" (Actual 1-3/4").
- ** **Nominal HxW Dimensions:** Standard size filters are of a nominal dimension. This means the height and width dimensions are undercut by a set amount.
 1. **Standard** nominal filters are 1/2" undercut on the height and width dimensions.
 2. **Special** size filters are made to the exact height and width dimensions stated on the purchase order. Please confirm prior to order.
 4. Tolerance height and width: ± 1/8"
 5. The 1/4"-1/2" exact thick filters use an .025" thick aluminum frame.
 6. The 1/4"- 1/2" exact filter is 4-ply.
 7. The nominal 1" (actual 7/8") filter is 5-ply.
 8. The nominal 2" (actual 1-3/4") filter is 8-ply.

CLASSIFICATION & TEST NOTES

1. UL Classified 900
2. Rated Airflow: 500 fpm
3. Dust Holding Capacity:
 - a. 1" thick: 23 grams per square foot
4. Average Arrestance:
 - a. 1" thick: 72.9% at rated airflow
5. Recommended final resistance is 1" W.G.
6. Independent test report available for performance details

INSTALLATION CONSIDERATIONS

1. The GE Series filter shall be installed in the proper direction as directed by airflow arrow on filter label.
2. The GE Series filter shall be installed in HVAC systems vertically or horizontally.

