HEPA-GARD®

DESIGNED TO MEET THE EFFICIENCY REQUIREMENTS OF HIGH AND MEDIUM FILTRATION

- HOSPITALS
- INDUSTRIAL APPLICATIONS
- MUSEUMS
- AIRPORTS
- HEPA PREFILTERS

ASHRAE FILTERS

HEPA CORPORATION
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9323 Stockport Place, PO Box 7124, Charlotte, NC 28217 704/588-2276 • FAX 704/588-2278
Design and Construction Data

Pleat Design
Pleat design is critical to systems of high velocity, turbulent air distribution or when filter becomes overloaded. Square pleats virtually eliminate media rupturing at separator’s edge.

Separator Design
Safe-edge Aluminum Separators—We fold over the edges of the aluminum for added strength and to protect the media from punctures.

Frame Materials
Galvanized metal.
Fire retardant particle board.
Particle board.
Aluminum extrusion with double turn flange.
Single header.
Two headers.
No header.

Gasket Material
Closed cell neoprene.
Upstream.
Downstream.
None.

Pack to Frame Assembly
The filter pack is secured to the frame with an adhesive bond.

Performance Data

Average Atmospheric Dust Efficiency
90-95% 80-85% 60-65%
Based on ASHRAE Standard 52-76

Average Weight Arrestance
Weight Arrestance is 99% for all models—Based on ASHRAE 52-76 Standard.

Temperature and Humidity Limits
Rated at: 150°F 100 R.H.

Higher Temperature Limits—Contact Factory

Resistance to Air Flow

Final recommended resistance 1.20'
Fire Resistant Construction
Materials used meet UL 586 and UL 900 Class requirements.

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<th>CAPACITY AND DIMENSIONS</th>
<th>CAPACITY</th>
<th>SHIPPING WEIGHT</th>
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<tr>
<td>MODEL NUMBER</td>
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<td>MILLIMETERS</td>
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(1) SPECIFY
95 = (90-95%)
85 = (80-85%)
65 = (60-65%)

(4) SEPARATOR MATERIAL
A = Aluminum
P = HEPA SEP

(5) GASKET LOCATION
O = None
D = Downstream
U = Upstream
2 = Both Sides

(6) HEADER LOCATION
O = None
D = Downstream
U = Upstream
2 = Both Sides

The Model number always indicates the actual height and width of the face dimensions (including header).

EXAMPLE
HG95A (23%) (11½") WADU:
HEPA-GARD FILTER, 95% ASHRAE, 11½" deep, 23½" high (including Header), 11½" wide (including Header), Particle board frame, alum. separators. Gasket on the downstream side of the header, ¾"x¾" thick Header on the upstream side.