



*Innovative
Clean Air
Solutions*

Type HD - Steel **Type HS - Aluminum**

Permanent Metal Washable Filters

- 1", 2" 4" Thicknesses
- Rugged All Metal Construction
- Low Resistance
- Washable

Designed for Tough Applications

Airguard permanent metal filters are suitable for use in very difficult operating conditions including high velocity (up to 900 FPM), high temperature, high moisture, corrosive environments, oil or grease laden air.

Type HD - Steel

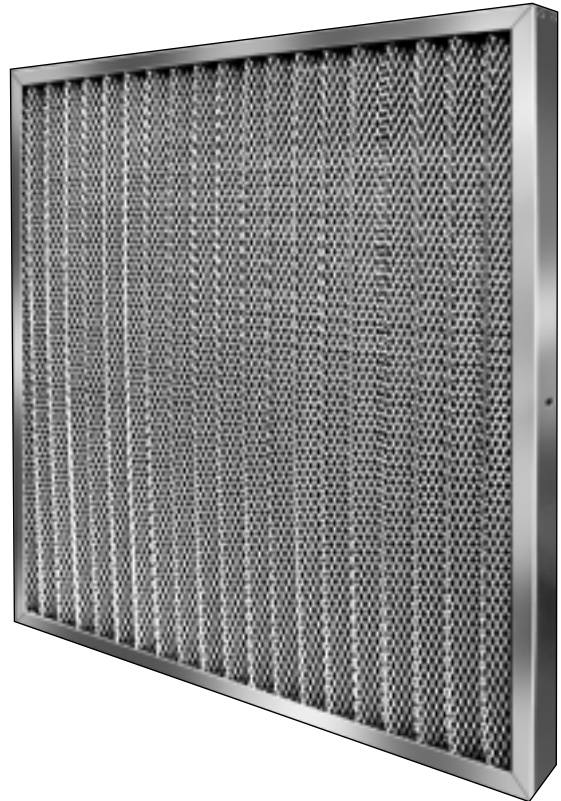
Media - The media consists of multiple layers of pleated and flat galvanized steel screen wire to provide an intricate maze of dirt catching surfaces. Multiple layers of media offer maximum filter surface area. Heavy gauge expanded metal grids on both sides protect the media and add rigidity to the filter construction.

Frame - The frame is made from a single piece of 24 gauge galvanized steel channel with mitered corners for extra strength. The frame is predrilled with holes to allow water to drain.

Type HS - Aluminum

Media - The media consists of multiple layers of pleated and flat aluminum screen wire to provide an intricate maze of dirt catching surfaces. Multiple layers of media offer maximum filter surface area. Heavy gauge expanded metal grids on both sides protect the media and add rigidity to the filter construction.

Frame - The frame is made from a single piece of heavy gauge aluminum channel with mitered corners for extra strength. The frame is predrilled with holes to allow water to drain.



Washable For Repeated Use

Permanent metal filters can be cleaned by flushing with a hose, washing in warm soapy water or steam cleaned. Allow filters to dry, then re-install. With proper care and handling, metal filters can provide years of dependable service.

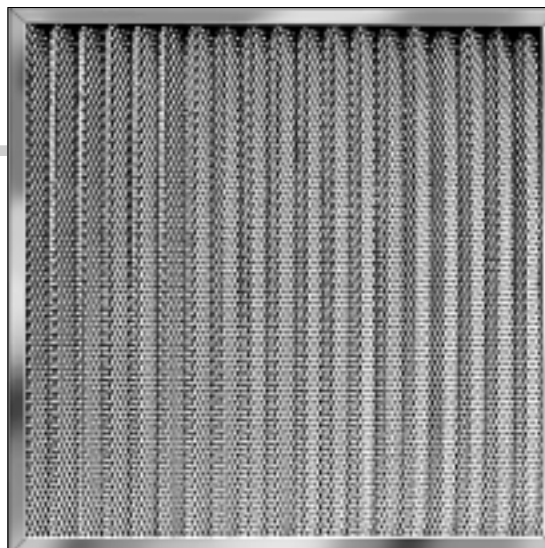
Both styles of filters are available with bail type lift handles.



UL CERTIFICATES
A4915 A6920

Type HD / Type HS

Permanent Metal Washable Filters



Use Permanent Metal Filters Where Other Filters Won't Hold Up

- Very difficult operating conditions
- High velocity (up to 900 FPM)
- High temperature (up to 500° F)
- High moisture
- Rain / snow / sleet
- Corrosive environments
- Sparks
- Oil or grease
- Large, bulky contaminants

Standard Sizes

Nominal Size (Inches)	Actual Size (Inches)	Rated Air Flow Capacity (CFM)		Rated Initial Resistance (In. W.G.)	
		1" @ 300 FPM	2", 4" @ 500 FPM	1" @ 300 FPM	2", 4" @ 500 FPM
12 x 24 x 1	11-3/8 x 23-3/8 x 3/4	600		.05"	
16 x 20 x 1	15-1/2 x 19-1/2 x 3/4	670		.05"	
16 x 25 x 1	15-1/2 x 24-1/2 x 3/4	840		.05"	
20 x 20 x 1	19-1/2 x 19-1/2 x 3/4	840		.05"	
20 x 25 x 1	19-1/2 x 24-1/2 x 3/4	1050		.05"	
24 x 24 x 1	23-3/8 x 23-3/8 x 3/4	1200		.05"	
12 x 24 x 2	11-3/8 x 23-3/8 x 1-3/4	1000		.18"	
16 x 20 x 2	15-1/2 x 19-1/2 x 1-3/4	1120		.18"	
16 x 25 x 2	15-1/2 x 24-1/2 x 1-3/4	1400		.18"	
20 x 20 x 2	19-1/2 x 19-1/2 x 1-3/4	1400		.18"	
20 x 25 x 2	19-1/2 x 24-1/2 x 1-3/4	1750		.18"	
24 x 24 x 2	23-3/8 x 23-3/8 x 1-3/4	2000		.18"	
12 x 24 x 4	11-3/8 x 23-3/8 x 3-3/4	1000		.24"	
16 x 20 x 4	15-1/2 x 19-1/2 x 3-3/4	1120		.24"	
16 x 25 x 4	15-1/2 x 24-1/2 x 3-3/4	1400		.24"	
20 x 20 x 4	19-1/2 x 19-1/2 x 3-3/4	1400		.24"	
20 x 25 x 4	19-1/2 x 24-1/2 x 3-3/4	1750		.24"	
24 x 24 x 4	23-3/8 x 23-3/8 x 3-3/4	2000		.24"	

Notes:

Arrestance: 1" 2" 4"
60 - 65% 65 - 70% 70 - 75%

Performance: Based on ASHRAE Standard 52.1-1992. Tolerances conform to ARI Standard 850-93
Underwriters Laboratories Classification: Type HD and HS filters are U.L. Class 2 per U.L. Standard 900
Continuous Operating Temperature Limit: 500° F (260° C)



AIRGUARD

P.O. BOX 32578, LOUISVILLE, KENTUCKY 40232-2578
(502) 969-2304 FAX (502) 961-0930

Visit our Web Site - www.airguard.com
E-Mail Address - mailbag@airguard.com

Airguard has a policy of continuous product research and development and reserves the right to change design and specifications without notice.

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