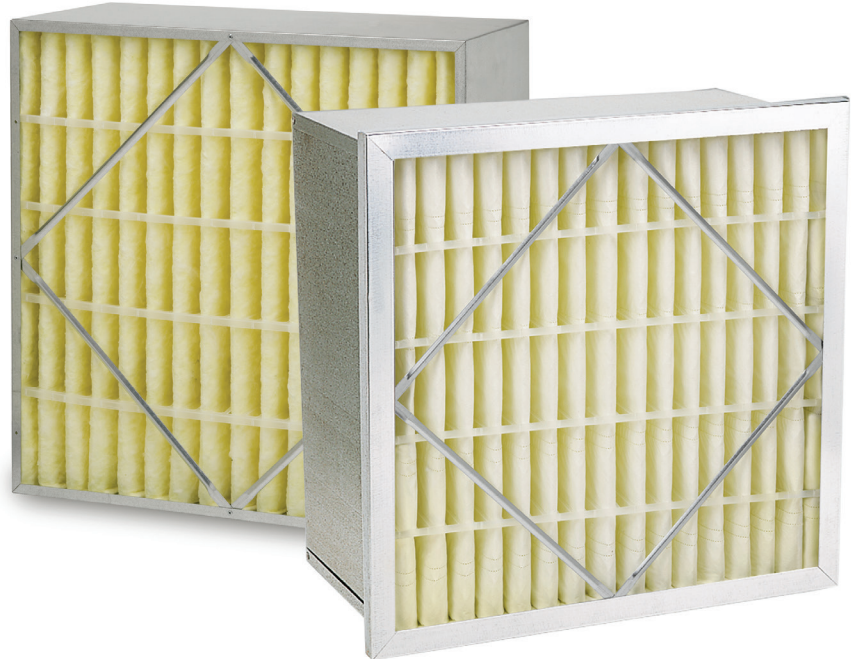


PRODUCT OVERVIEW

- MERV 10, 11, 13, 15
- Synthetic and fiberglass media available
- Available in box style and single header construction, with gasket options
- Max Temperature - 180°F
- Ideal for use in
 - Office and Retail
 - Manufacturing and Distribution
 - Government and Education facilities
 - Doctor offices, assisted living facilities and Hospitals
 - Hotels and Airports



AEROSTAR RIGID CELL FILTER

WHY THE RIGID CELL FILTER?

- Extended surface, medium to high efficiency filter
- Used in both side access and built-up filter bank
- Replaces traditional pocket filters where rigid format prevents unloading in variable air volume systems
- Can be used as a pre-filter for higher efficiency applications or as a final filter in situations that requires high level of efficiency and cleanliness
- Extremely rigid constructed filter with
 - Galvanized steel frame
 - Diagonal support bracing
 - Moisture resistant media
 - Contour stabilizers
 - Metal support grid adhered to the media eliminates media oscillation and media pull-away
 - Media is adhesively bonded to all four sides of the frame to eliminate air by-pass



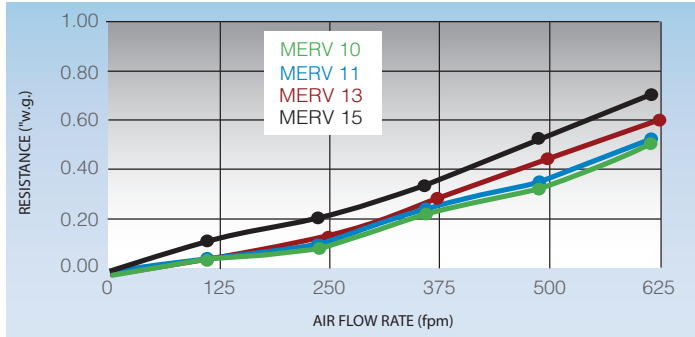
RIGID CELL FILTER

SYNTHETIC PERFORMANCE DATA (24x24x12)

MERV	EFFICIENCY	INITIAL RESISTANCE ("wg.) †				FINAL RESISTANCE ("wg.)
		250 fpm	375 fpm	500 fpm	625 fpm	
10	40-45%	0.11	0.21	0.33	0.48	1.5
11	60-65%	0.12	0.22	0.36	0.53	1.5
13	80-85%	0.16	0.27	0.42	0.60	1.5
15	90-95%	0.20	0.33	0.49	0.69	1.5

† Initial Resistance is based on Box style filters.

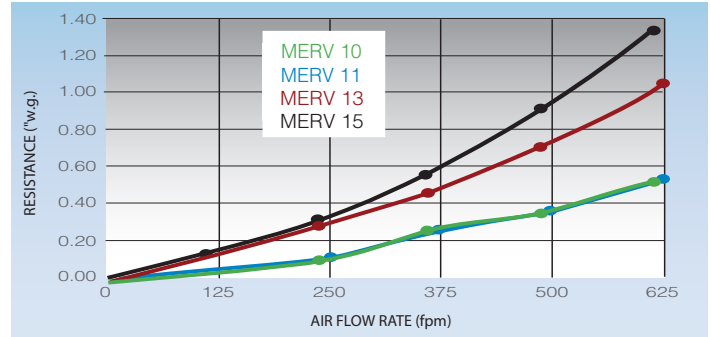
SYNTHETIC – INITIAL RESISTANCE (24 x 24 x 12)



FIBERGLASS PERFORMANCE DATA (24x24x12)

MERV	EFFICIENCY	INITIAL RESISTANCE ("wg.) †				FINAL RESISTANCE ("wg.)
		250 fpm	375 fpm	500 fpm	625 fpm	
10	40-45%	0.12	0.23	0.37	0.52	1.5
11	60-65%	0.13	0.25	0.39	0.56	1.5
13	80-85%	0.26	0.45	0.71	1.04	1.5
15	90-95%	0.31	0.57	0.91	1.37	1.5

FIBERGLASS – INITIAL RESISTANCE (24 x 24 x 12)



PRODUCT DATA - SYNTHETIC

MERV 10 (40-45%)		MERV 11 (60-65%)		MERV 13 (80-85%)		MERV 15 (90-95%)		NOMINAL SIZE (H" x W" x D")	ACTUAL SIZE (H" x W" x D")
BOX* STYLE PART NO.	SINGLE* HEADER PART NO.	BOX* STYLE PART NO.	SINGLE* HEADER PART NO.	BOX* STYLE PART NO.	SINGLE* HEADER PART NO.	BOX* STYLE PART NO.	SINGLE* HEADER PART NO.		
14942	16456	14930	16444	14922	16436	14914	16428	24 x 12 x 6	23 3/8 x 11 3/8 x 5 3/4
14943	16457	14931	16445	14923	16437	14915	16429	20 x 20 x 6	19 3/8 x 19 3/8 x 5 3/4
14944	16458	14932	16446	14924	16438	14916	16430	24 x 20 x 6	24 3/8 x 19 3/8 x 5 3/4
14945	16459	14933	16447	14925	16439	14917	16431	24 x 24 x 6	23 3/8 x 23 3/8 x 5 3/4
14938	16452	14934	16448	14926	16440	14918	16432	24 x 12 x 12	23 3/8 x 11 3/8 x 11 3/4
14939	16453	14935	16449	14927	16441	14919	16433	20 x 20 x 12	19 3/8 x 19 3/8 x 11 3/4
14940	16454	14936	16450	14928	16442	14920	16434	24 x 20 x 12	24 3/8 x 19 3/8 x 11 3/4
14941	16455	14937	16451	14929	16443	14921	16435	24 x 24 x 12	23 3/8 x 23 3/8 x 11 3/4

PRODUCT DATA - FIBERGLASS

MERV 10 (40-45%)		MERV 11 (60-65%)		MERV 13 (80-85%)		MERV 15 (90-95%)		NOMINAL SIZE (H" x W" x D")	ACTUAL SIZE (H" x W" x D")
BOX* STYLE PART NO.	SINGLE* HEADER PART NO.	BOX* STYLE PART NO.	SINGLE* HEADER PART NO.	BOX* STYLE PART NO.	SINGLE* HEADER PART NO.	BOX* STYLE PART NO.	SINGLE* HEADER PART NO.		
14974	16424	14962	16412	14954	16404	14946	16396	24 x 12 x 6	23 3/8 x 11 3/8 x 5 3/4
14975	16425	14963	16413	14955	16405	14947	16397	20 x 20 x 6	19 3/8 x 19 3/8 x 5 3/4
14976	16426	14964	16414	14956	16406	14948	16398	24 x 20 x 6	24 3/8 x 19 3/8 x 5 3/4
14977	16427	14965	16415	14957	16407	14949	16399	24 x 24 x 6	23 3/8 x 23 3/8 x 5 3/4
14970	16420	14966	16416	14958	16408	14950	16400	24 x 12 x 12	23 3/8 x 11 3/8 x 11 3/4
14971	16421	14967	16417	14959	16409	14951	16401	20 x 20 x 12	19 3/8 x 19 3/8 x 11 3/4
14972	16422	14968	16418	14960	16410	14952	16402	24 x 20 x 12	24 3/8 x 19 3/8 x 11 3/4
14973	16423	14969	16419	14961	16411	14953	16403	24 x 24 x 12	23 3/8 x 23 3/8 x 11 3/4

* Contact Customer Care for additional sizes and information.

ENGINEERING SPECIFICATIONS

1.0 General

- Filters shall be Synthetic or Fiberglass Rigid Cell extended surface pleated air filters as manufactured by Filtration Group.
- Filters shall be available in 3 efficiency levels with a depth of 5.75" and 11.75".
- Underwriters Laboratories classified to UL 900.
- Filters are manufactured by an ISO 9001 registered company.

2.0 Filter Materials of Construction

- Media shall be synthetic or fiberglass that does not support microbial growth.
- Media shall be adhered to a metal grid to reduce fluttering during use.
- Media shall be adhered to plastic separators designed to maintain filter configuration during life.

- Media shall be bonded to frame on all sides eliminating by-pass.
- Frame shall be made fully of 26 ga. Galvanized steel.

3.0 Filter Performance

- Synthetic and Fiberglass filters shall be available in MERV 10, 11, 13 and 15 when tested in accordance with ASHRAE 52.2 Test Standards.
- MERV 13 and 15 versions provide points to meet LEED certification.
- Filters shall have a recommended final resistance of 1.5" w.g.