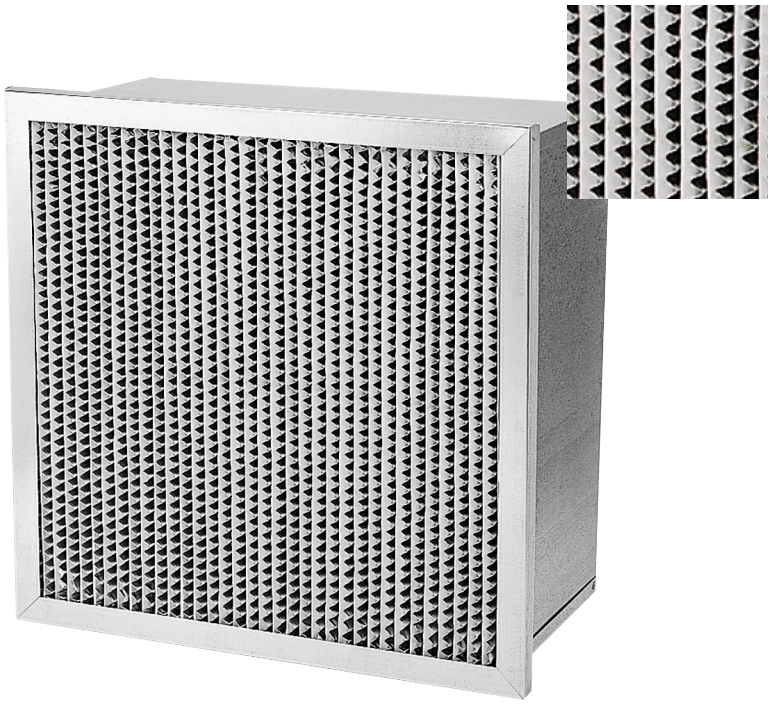
FG™
Indoor Air Quality



PRODUCT OVERVIEW

- MERV 11, 13, 14
- Available in box, single and double header construction, with gasket and grill options
- Max Temperature - 200˚F standard, high temperature versions up to 900˚F
- High temperature versions come standard with single header and double face grill or optional double header
- 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® CARTRIDGE FILTER

WHY THE CARTRIDGE FILTER?

- Extended surface, high efficiency filter constructed in a rigid frame
- Aluminum separators ensure even pleat spacing
- Moisture resistant wet laid microfiber media for applications up to 100% humidity
- Designed for use in Variable Air Volume systems
- Replaces traditional pocket-style filters and typically lasts longer
- Used in both side access and built-up filter bank
- Rigid format prevents unloading of dust due to media oscillation
- Galvanized steel frame provides exceptional strength
- Underwriters Laboratories classified to UL 900

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FiltrationGroupIAQ.com

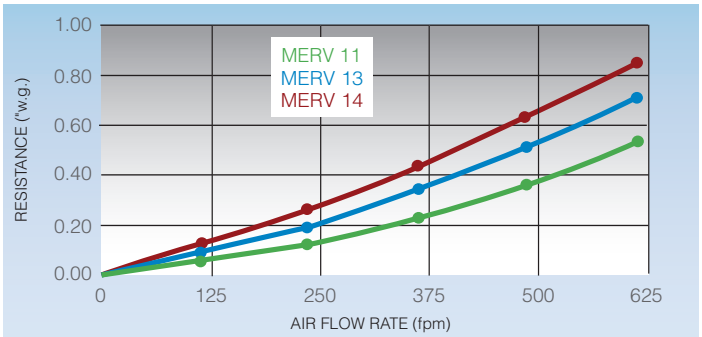
AEROSTAR® CARTRIDGE FILTER

PERFORMANCE DATA (24 x 24 - Single Header)

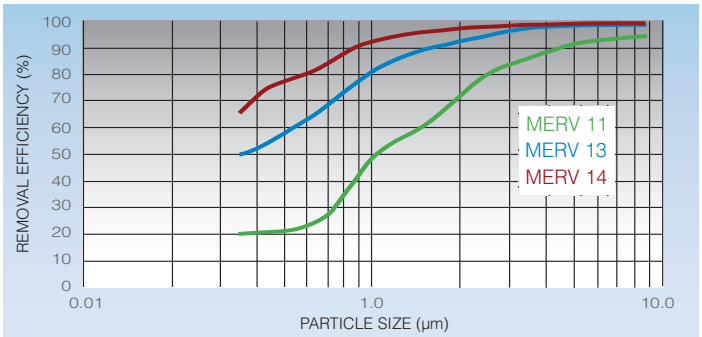
FILTER DEPTH	MERV	INITIAL RESISTANCE ("w.g.)				FINAL RESISTANCE ("w.g.)
		250 fpm	375 fpm	500 fpm	625 fpm	
6"	11	0.25	0.45	–	–	1.5
	13	0.35	0.55	–	–	1.5
	14	0.45	0.65	–	–	1.5

FILTER DEPTH	MERV	INITIAL RESISTANCE ("w.g.)				FINAL RESISTANCE ("w.g.)
		250 fpm	375 fpm	500 fpm	625 fpm	
12"	11	0.15	0.25	0.45	0.60	1.5
	13	0.20	0.35	0.50	0.60	1.5
	14	0.25	0.40	0.65	0.78	1.5

INITIAL RESISTANCE (24 x 24 x 12)



MINIMUM REMOVAL EFFICIENCY (24 x 24 x 12)



PRODUCT DATA - CARTRIDGE FILTER

SINGLE HEADER PART NUMBER			DOUBLE HEADER PART NUMBER			NOMINAL SIZE* (H" x W" x D")	ACTUAL SIZE (H" x W" x D")
MERV 11	MERV 13	MERV 14	MERV 11	MERV 13	MERV 14		
16264	16280	16296	16272	16288	16304	24 x 12 x 6	23 3/8 x 11 3/8 x 5 3/4
16265	16281	16297	-	-	-	20 x 20 x 6	19 3/8 x 19 3/8 x 5 3/4
16263	16279	16295	16271	-	16303	24 x 20 x 6	23 3/8 x 19 3/8 x 5 3/4
16262	16278	16294	16270	16286	16302	24 x 24 x 6	23 3/8 x 23 3/8 x 5 3/4
16260	16276	16292	16268	16284	16300	24 x 12 x 12	23 3/8 x 11 3/8 x 11 3/8
16261	16277	16293	16269	16285	16301	20 x 20 x 12	19 3/8 x 19 3/8 x 11 3/8
16259	16275	16291	16267	16283	16299	24 x 20 x 12	23 3/8 x 19 3/8 x 11 3/8
16258	16274	16290	16266	16282	16298	24 x 24 x 12	23 3/8 x 23 3/8 x 11 3/8

PRODUCT DATA - HIGHT TEMP CARTRIDGE FILTER

SINGLE HEADER PART NUMBER						NOMINAL SIZE* (H" x W" x D")	ACTUAL SIZE (H" x W" x D")
500˚F		750˚F		900˚F			
MERV 11	MERV 14	MERV 11	MERV 14	MERV 11	MERV 14		
761730	21675	21671	21670	21667	21666	24 x 12 x 12	23 3/8 x 11 3/8 x 11 3/8
21680	21674	21669	21668	21665	21663	24 x 24 x 12	23 3/8 x 23 3/8 x 11 3/8

* Contact Customer Care for additional sizes and information.

ENGINEERING SPECIFICATIONS

1.0 General

1.1 Filters shall be Aerostar® Cartridge Cell filters as manufactured by Filtration Group.
1.2 Filters shall be available in 3 efficiency levels at nominal depths of 6" (5.75" actual) and 12" (11.375" actual).
1.3 Actual filter height and width shall be 5/8" less than the nominal dimensions.
1.4 Underwriters Laboratories classified to UL 900.
1.5 Filters are manufactured by an ISO 9001 registered company.

2.0 Filter Materials of Construction

2.1 Filter Media shall be composed of wet laid glass microfibers with low levels of binder material.
2.2 The filter media shall be a continuous layer pleated to the appropriate depth with a double-score to give a box-shaped pleat tip.
2.3 The pleats shall each be separated from one another by a corrugated aluminum separator with hemmed edges.
2.4 The media shall be sealed to the frame on all four sides to eliminate by-pass and maintain filter integrity throughout the life of the filter.
2.5 Frame and header components shall be formed of 26 ga. (or thicker) galvanized steel.

3.0 Filter Performance

3.1 Filters shall be available in efficiencies of MERV 11, 13,14 when tested in accordance with ASHRAE 52.2 Test Standard.
3.2 Filters shall exhibit initial resistance according to the rated flow rates in the accompanying table.
3.3 Filters shall be capable of withstanding a continuous operating temperature of at least 200°F and relative humidity up to 100%.
3.4 Filters shall have a recommended final resistance of 1.5" w.g.

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