

Choice

ASHRAE High Efficiency Bag Filters

OVERVIEW

The Choice Series air filters are high efficiency, extended surface bag filters. These air filters offer a low initial pressure drop with a superior dust holding capacity and extended surface life. Using the Choice Series air filters properly in commercial and industrial applications allows for significant operational cost savings.

CONSTRUCTION

The Choice Series bag filters are offered in a wide range of efficiencies and sizes, including customs, and are available with fiberglass or synthetic media. All models of the Choice Series filters come with a galvanized steel header and dual stage filtration to maximize depth loading. The Choice bag air filters are available in three different efficiencies, each distinguished by media color.

The fiberglass Choice air filters are available in MERV 11, 13 and 14. These filters use high performance, ultra-fine fiberglass media that creates dual stage filtration to ensure maximum depth loading. The pockets of the fiberglass Choice filters have double locked stitching and thermoplastically sealed stitch lines to prevent leaking.

The synthetic Choice air filters are available in MERV 11, 13 and 14. These filters use a multi-layer, high performance polypropylene media with an electrostatic charge. This style of media creates dual stage filtration to maximize depth loading. The synthetic Choice filters have a low initial pressure drop and superior dust holding capacity. The filters' stitched pockets are ultrasonically sealed creating aerodynamic internal channels which ensures total media utilization.

APPLICATION

Choice Series filters are ideal for use in most commercial and industrial applications where medium to high efficiency filtration is required. Applications including airports, computer rooms, data centers, food and pharmaceutical processing, gun ranges, hospitals, office complexes, paint booths and schools can all benefit from using Choice Series air filters.

ADDITIONAL OPTIONS

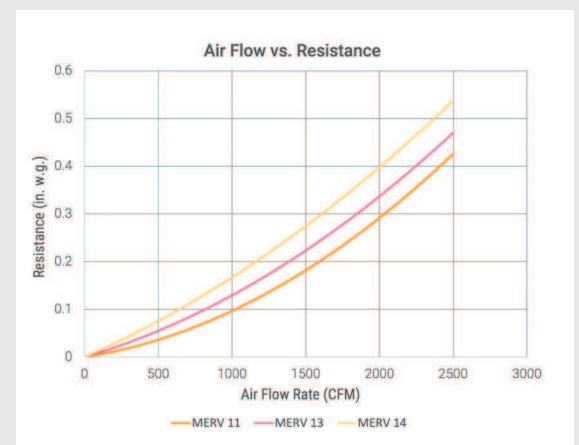
- EliteV Series - ASHRAE mini pleat filters (see *DSELV*)
- ProPac Series - ASHRAE rigid box style filters (see *DSPAC*)
- ProPac Plus Series - ASHRAE box filters (see *DSPPP*)



PRODUCT SPOTLIGHT

- Available in efficiencies:
MERV 14 or 95% (Yellow)
MERV 13 or 85% (Pink)
MERV 11 or 65% (Orange)
- Synthetic or fiberglass media
- Galvanized header
- Dual stage filtration to enhance depth loading
- UL Classified
- Made in the USA

TECHNICAL DATA



*Technical data is based on a 24" x 24" x 30" 8 pocket filter.

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PERFORMANCE DATA

Nominal Size WxH	Nominal Size D	Actual Size (in.)			Pockets	Air Flow @ Capacity (CFM)	Resistance @ Capacity (in. w.g.) - Synthetic		
		Width	Height	Depth			MERV 11	MERV 13	MERV 14
12x24	12	11.38	23.38	12	3	1000	0.49	0.56	0.70
	15			15	3		0.42	0.53	0.66
	15			15	4		0.36	0.48	0.60
	15			15	5		0.33	0.43	0.54
	18			18	3		0.37	0.50	0.63
	18			18	4		0.34	0.45	0.56
	22			22	3		0.35	0.47	0.59
	22			22	4		0.33	0.42	0.52
	22			22	5		0.30	0.37	0.45
	30			30	3		0.31	0.40	0.49
	30			30	4		0.27	0.33	0.40
	30			30	5		0.21	0.26	0.31
20x24	12	19.38	23.38	12	5	1675	0.52	0.56	0.70
	15			15	5		0.48	0.55	0.67
	18			18	5		0.44	0.53	0.65
	22			22	5		0.40	0.52	0.64
	30			30	5		0.37	0.48	0.58
	30			30	7		0.33	0.44	0.52
20x20	12	19.38	19.38	12	5	1400	0.47	0.63	0.77
	15			15	5		0.43	0.57	0.69
	18			18	5		0.39	0.49	0.60
	22			22	5		0.36	0.43	0.53
	30			30	5		0.33	0.37	0.45
24x24	12	23.38	23.38	12	6	2000	0.52	0.63	0.78
	12			12	8		0.40	0.56	0.70
	15			15	6		0.41	0.58	0.72
	15			15	10		0.33	0.44	0.55
	15			15	12		0.31	0.39	0.49
	18			18	6		0.38	0.54	0.67
	18			18	8		0.34	0.45	0.57
	22			22	6		0.36	0.49	0.61
	22			22	8		0.32	0.40	0.51
	22			22	10		0.29	0.34	0.44
	26			26	6		0.33	0.43	0.54
	26			26	8		0.29	0.35	0.45
	26			26	10		0.26	0.30	0.40
	30			30	6		0.31	0.39	0.49
	30			30	8		0.27	0.31	0.41
	30			30	10		0.25	0.29	0.40
	36			36	6		0.28	0.33	0.43
	36			36	8		0.25	0.29	0.40

Notes:

- Fiberglass media tests at ~5-10% higher initial resistance than synthetic media.
- Performance data is based on ASHRAE Test Standards 52.2 – 2017.



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