

SUPERIOR

Filtration Products, LLC

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
-	RELEASED FOR PRODUCTION		

Physical Data

FRAME: 24 Gauge G90 Galvanized Steel is standard for the maximum corrosion resistance and strength. Frames are precision formed and also available in 304, 316 Stainless Steel, Aluminum and 24 Caliber Paper Board frame materials.

HEADER: 7/8" wide header made with 24 gauge G90 galvanized steel (or material matched to the frame) for strength and corrosion resistance.

MEDIA: SuperCell Mini filters are available in fiberglass and synthetic filter media.

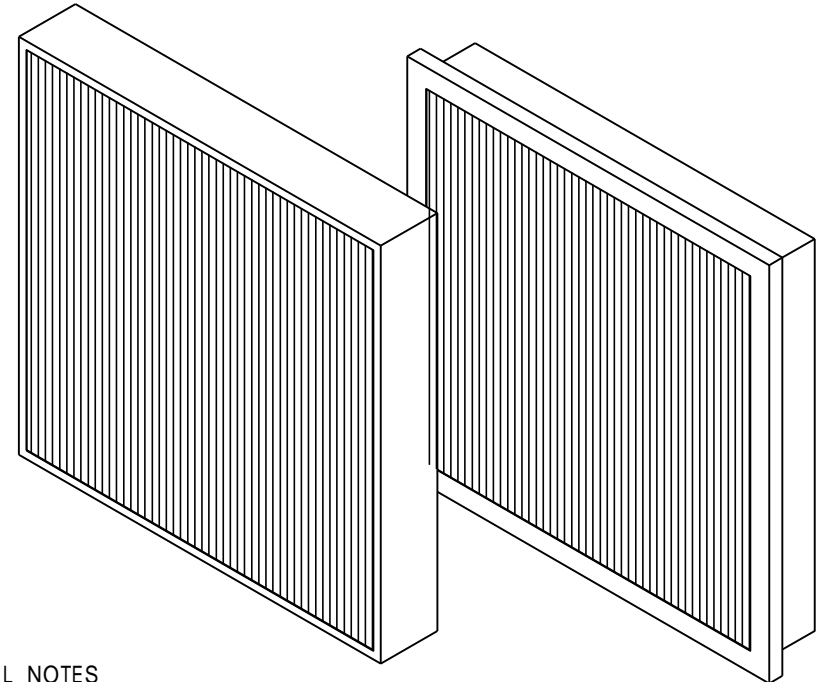
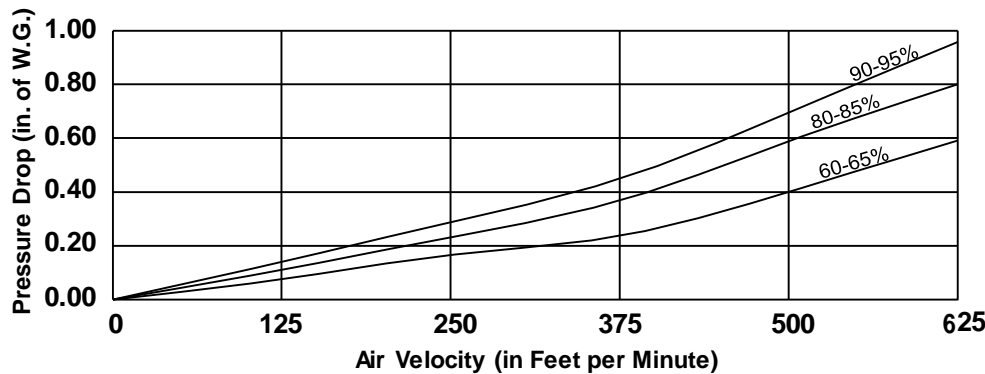
MERV rated media is also available for use in SuperCell Mini filters.

MEDIA SUPPORTS: Media is formed into fine "Mini-Pleat" packs using precise sized glue beads to support and accurately place and hold the media.

ACTUAL DIMENSIONS: SuperCell Mini filters are normally obtained in nominal sizes. Actual dimensions are 5/8" smaller than the nominal dimension on the faces. Filter depth is 1-3/4". For example a 24x24x2 filter is 23-3/8x23-3/8x1-3/4". Exact size filters are available, as well as special sizes. Contact your representative or the factory for details.

SuperCell Mini Box and Single Header Filters ~ Air Flow Capacity and Initial Resistance

Nominal Size WxHxD (Inches)	Box Style Filters			Single Header Style Filters			Rated Air Flow Capacity (CFM)		
	Approx. Media Area (Sq. Ft)	Initial Res. (In. of W.G.)			Approx. Media Area (Sq. Ft)	Initial Res. (In. of W.G.)			
		90-95%	80-85%	60-65%		90-95%		80-85%	60-65%
12x24x2	58	0.52	0.49	0.38	48	0.56	0.53	0.42	1000
16x20x2	64	0.51	0.48	0.38	53	0.55	0.52	0.41	1111
16x25x2	80	0.50	0.47	0.37	66	0.51	0.48	0.38	1389
18x24x2	86	0.49	0.46	0.36	71	0.51	0.48	0.38	1500
20x20x2	80	0.50	0.47	0.37	66	0.51	0.48	0.38	1388
20x24x2	96	0.48	0.45	0.36	79	0.50	0.47	0.37	1666
20x25x2	100	0.46	0.43	0.34	82	0.50	0.47	0.37	1736
24x24x2	115	0.44	0.42	0.32	95	0.48	0.45	0.36	2000



GENERAL NOTES

- "Initial Resistance" denotes clean pressure drop in inches of water gauge. Factory recommended final pressure drop for all models of SuperCell Mini filters is 1.5" of water gauge. System design or other conditions may dictate a lower pressure drop at change-out.
- Filter sizes as stated are nominal sizes. Actual filter face sizes are 5/8" under in both height and width for 12x24 and 24x24 filters and 1/2" for all other sizes.
- Superior Filtration Products performance tolerances conform to Section 7.4 of API Standard 850. Media efficiency is an average based upon ASHRAE Standard 52.1 and 52.2 test methods.
- Performance values as shown may be averages or estimates to generally represent product styles and models. Values given on this sheet pertain to fiberglass media. Contact the factory to obtain values for other media types.
- Superior Filtration Products uses an ongoing research and development model. As such design characteristics, specifications, and performance data may change without notice.