



HIGHLIGHTS

- Heavyweight galvanized filter
- Special design for maximum dust holding capacity
- Low resistance
- Washable and reusable

CONSTRUCTION The Steel Smith Filter is a heavy duty galvanized filter. It consists of multiple layers of galvanized expanded material, assembled in alternating layers to assure maximum filtering and internal loading capabilities. The media is enclosed in a heavyweight galvanized frame, mitered and secured at one corner by rivets. The filter is designed for applications such as industrial, commercial, restaurants, schools, and office buildings where a heavy duty permanent filter is recommended. Maximum temperature range on the Steel Smith Filter is 450 degrees F. Available in both standard and special sizes. Available in 3" and 4" thicknesses.

MATERIAL Filtering element shall be processed from sheet galvanized steel, commercially known as Hot Dip G-90 Galvanized Steel, 28 gauge in thickness expanded to .055 strand. Frame shall be made from 24 gauge Hot Dip G-90 Galvanized Steel.

STANDARD SIZE FILTERS

Nominal Size (Actual size 1/2" under)	Part Number	Pack Ctn/ Lbs. Ctn
16 x 20 x 1	ST16201N	12 /55 lbs.
16 x 25 x 1	ST16251N	12 /72 lbs.
20 x 20 x 1	ST20201N	12 /72 lbs.
20 x 25 x 1	ST20251N	12 /90 lbs.
24 x 24 x 1	ST24241N	12 /104 lbs.
10 x 20 x 2	ST10202N	12 /44 lbs.
12 x 24 x 2	ST12242N	12 /63 lbs.
16 x 20 x 2	ST16202N	12 /70 lbs.
16 x 25 x 2	ST16252N	12 /93 lbs.
20 x 20 x 2	ST20202N	12 /93 lbs.
20 x 25 x 2	ST20252N	12 /107 lbs.
24 x 24 x 2	ST24242N	12 /122 lbs.



STEEL SMITH FILTER

AIR DELIVERY DATA

Net Face Velocity (F.P.M.)	Resistance (in inches of W.G. nominal thickness)		C.F.M. Capacity (by Size)					
	1 inch	2 inch	10×20	16×20	16×25	20×20	20×25	24×24
267	.057	.030	282	467	597	600	768	897
356	.100	.057	376	623	796	800	1024	1197
445	.158	.087	469	779	995	1000	1279	1496
533	.240	.128	562	933	1192	1200	1532	1791
622	.340	.190	656	1089	1391	1400	1788	2091
711	.447	.244	750	1244	1590	1600	2044	2390
800	.570	.305	844	1400	1789	1800	2300	2689
889	.700	.379	938	1556	1988	2000	2556	2988
978		.466	1032	1712	2187	2200	2812	3287

