



**CONSTRUCTION** The 430 Stainless Steel Filter consists of multiple layers of 430 stainless steel expanded material, assembled in alternating layers to assure maximum filtering and internal loading capabilities. The media is enclosed in a 430 stainless steel frame, mitered and secured at one corner by stainless steel rivets. The filter is designed for applications such as heavy duty industrial, commercial, schools, and office buildings where a heavy duty permanent filter is recommended. Maximum operating temperature on the 430 Stainless Steel Filter is 700 degrees F. Available in both standard and special sizes. Available in 3" and 4" thicknesses.

**MATERIAL** Filtering element shall be processed from 430 stainless steel sheet metal expanded to .055 strand. Frame shall be made from 430 stainless steel no less than .024 thickness.

## HIGHLIGHTS

- 430 stainless steel filter
- Special design for maximum dust holding capacity
- Low resistance
- Washable and reusable

## STANDARD SIZE FILTERS

Nominal Size (Actual size 1/2" under)	Part Number	Pack Ctn/ Lbs. Ctn
16 x 20 x 1	SS43016201N	6 /32 lbs.
16 x 25 x 1	SS43016251N	6 /39 lbs.
20 x 20 x 1	SS43020201N	6 /39 lbs.
20 x 25 x 1	SS43020251N	6 /45 lbs.
24 x 24 x 1	SS43024241N	6 /51 lbs.
10 x 20 x 2	SS43010202N	6 /24 lbs.
12 x 24 x 2	SS43012242N	6 /34 lbs.
16 x 20 x 2	SS43016202N	6 /38 lbs.
16 x 25 x 2	SS43016252N	6 /46 lbs.
20 x 20 x 2	SS43020202N	6 /47 lbs.
20 x 25 x 2	SS43020252N	6 /59 lbs.
24 x 24 x 2	SS43024242N	6 /71 lbs.

# 430 STAINLESS

## STEEL 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

