

THE WORLD LEADER IN CLEAN AIR SOLUTIONS

PerfectPleat® SC M8

EXTENDED SURFACE PLEATED PANEL FILTERS

Engineering Data

Supplement to Bulletin AFP-1-202

Product Information—Standard Sizes

Nominal Sizes (Inches) (W x H x D)	Actual Sizes (Inches) (W x H x D)	Rated Airflow Capacity (SCFM)			SC M8 2"		SC M8 4"	
		300 FPM	500 FPM	600 FPM	Pleats Per Filter	Media Area (Sq. Ft.)	Pleats Per Filter	Media Area (Sq. Ft.)
10 x 20 x 2	9½ x 19½ x 1¼	400	700	850	8	3.9		
12 x 20 x 2	11½ x 19½ x 1¼	500	850	1050	10	4.9		
12 x 24 x 2	11¾ x 23¾ x 1¼	600	1000	1250	10	5.9		
14 x 25 x 2	13½ x 24½ x 1¼	750	1200	1500	11	6.8		
15 x 20 x 2	14½ x 19½ x 1¼	650	1050	1300	12	5.9		
15 x 25 x 2	14½ x 24½ x 1¼	800	1300	1650	12	7.4		
16 x 16 x 2	15½ x 15½ x 1¼	550	900	1100	13	5.1		
16 x 20 x 2	15½ x 19½ x 1¼	650	1100	1400	13	6.4		
16 x 24 x 2	15¾ x 23¾ x 1¼	800	1350	1650	13	7.6		
16 x 25 x 2	15½ x 24½ x 1¼	850	1400	1750	13	8.0		
18 x 24 x 2	17¾ x 23¾ x 1¼	900	1500	1900	15	8.8		
18 x 25 x 2	17½ x 24½ x 1¼	950	1550	1950	15	9.3		
20 x 20 x 2	19½ x 19½ x 1¼	850	1400	1750	17	8.3		
20 x 24 x 2	19¾ x 23¾ x 1¼	1000	1650	2100	17	10.0		
20 x 25 x 2	19½ x 24½ x 1¼	1050	1750	2150	17	10.5		
24 x 24 x 2	23¾ x 23¾ x 1¼	1200	2000	2500	20	11.8		
25 x 25 x 2	24½ x 24½ x 1¼	1300	2150	2700	21	13.0		
12 x 24 x 4	11¾ x 23¾ x 3¼	600	1000	1250			8	10.4
16 x 20 x 4	15¾ x 19¾ x 3¼	650	1100	1400			11	11.8
16 x 25 x 4	15¾ x 24¾ x 3¼	850	1400	1750			11	14.8
18 x 24 x 4	17¾ x 23¾ x 3¼	900	1500	1875			12	15.6
20 x 20 x 4	19¾ x 19¾ x 3¼	850	1400	1750			14	15.0
20 x 25 x 4	19¾ x 24¾ x 3¼	1050	1750	2150			14	18.9
24 x 20 x 4	23¾ x 19¾ x 3¼	1000	1650	2100			14	18.1
24 x 24 x 4	23¾ x 23¾ x 3¼	1200	2000	2500			17	22.0
25 x 29 x 4	24¾ x 28¾ x 3¼	1500	2500	3150			21	28.4

PerfectPleat® SC M8 filters are UL Classified. Testing was performed according to UL Standard 900 and ULC-S111.

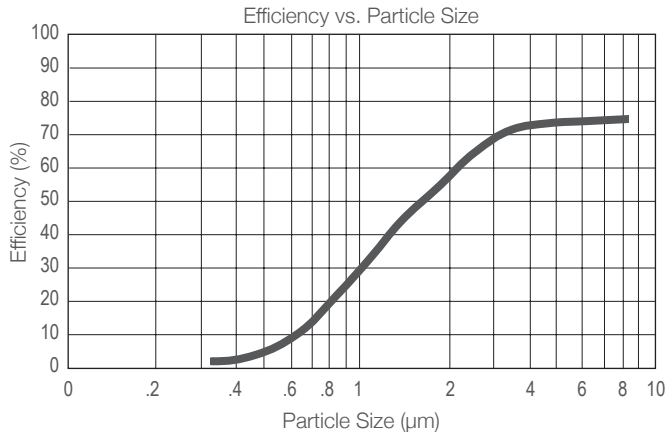
PerfectPleat® SC M8 Filters

Product Information

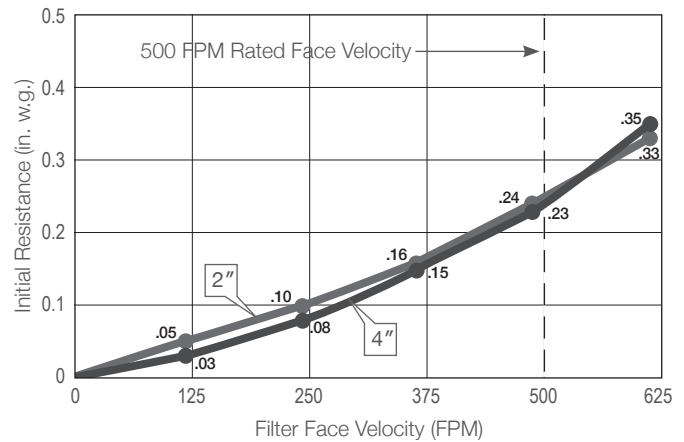
Filter	Pleats Per Linear Foot	Rated Initial Resistance (in. w.g.)			Recommended Final Resistance (in. w.g.)	MERV	Continuous Operating Temperature Limit
		300 FPM	500 FPM	625 FPM			
2" PerfectPleat SC M8	10	.13	.24	.33	1.0	8	150°F (66°C)
4" PerfectPleat SC M8	9	.11	.23	.35	1.0	8	200°F (93°C)

Performance Data

Composite Minimum Efficiency Curve



Initial Resistance vs. Filter Face Velocity



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AAF Flanders has a policy of continuous product research and improvement and reserves the right to change design and specifications without notice.

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