



Better Air is Our Business®

# AmericanAirFilter®

## PerfectPleat® M8 1"

## PerfectPleat® 1"

### Engineering Data

Supplement to Bulletin AFP-1-200

### Product Information — Standard Sizes

Nominal Sizes (Inches) (W x H x D)	Actual Sizes (Inches) (W x H x D)	Rated Airflow Capacity (SCFM)		PerfectPleat M8 1"		PerfectPleat 1"	
		300 FPM	500 FPM	Pleats Per Filter	Media Area (Sq. Ft.)	Pleats Per Filter	Media Area (Sq. Ft.)
10 x 10 x 1	9½ x 9½ x ¾	200	350	11	1.2	11	1.2
10 x 20 x 1	9½ x 19½ x ¾	400	700	11	2.5	11	2.5
12 x 12 x 1	11½ x 11½ x ¾	300	500	14	1.9	14	1.9
12 x 20 x 1	11½ x 19½ x ¾	500	850	14	3.2	14	3.2
12 x 24 x 1	11¾ x 23¾ x ¾	600	1000	14	3.9	14	3.9
14 x 20 x 1	13½ x 19½ x ¾	600	1000	16	3.7	16	3.7
14 x 25 x 1	13½ x 24½ x ¾	750	1200	16	4.6	16	4.6
15 x 20 x 1	14½ x 19½ x ¾	650	1050	17	3.9	17	3.9
16 x 16 x 1	15½ x 15½ x ¾	550	900	19	3.5	19	3.5
16 x 20 x 1	15½ x 19½ x ¾	650	1100	19	4.4	19	4.4
16 x 25 x 1	15½ x 24½ x ¾	850	1400	19	5.5	19	5.5
18 x 20 x 1	17½ x 19½ x ¾	750	1250	21	4.8	21	4.8
18 x 24 x 1	17¾ x 23¾ x ¾	900	1500	21	5.8	21	5.8
18 x 25 x 1	17½ x 24½ x ¾	950	1550	21	6.1	21	6.1
20 x 20 x 1	19½ x 19½ x ¾	850	1400	24	5.5	24	5.5
20 x 25 x 1	19½ x 24½ x ¾	1050	1750	24	6.9	24	6.9
24 x 24 x 1	23¾ x 23¾ x ¾	1200	2000	29	8.0	29	8.0
25 x 25 x 1	24½ x 24½ x ¾	1300	2200	30	8.7	30	8.7

PerfectPleat filters are classified UL Class 2. Testing was performed according to UL Standard 900 and CAN 4-S111.

### Performance Data

	Pleats Per Lineal Foot	Rated Initial Resistance (in. w.g.)		Recommended Final Resistance (in. w.g.)	ASHRAE 52.2 MERV	Continuous Operating Temperature Limits	
		300 FPM	500 FPM			°F	°C
PerfectPleat M8 1"	15.0	.31	.62	1.0	8	170°	77°
PerfectPleat 1"	15.0	.23	.48	1.0	7	170°	77°

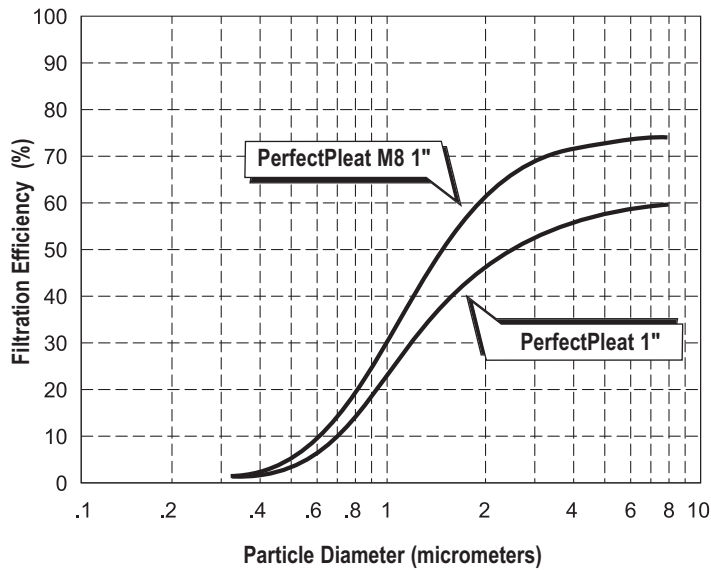
# AmericanAirFilter®

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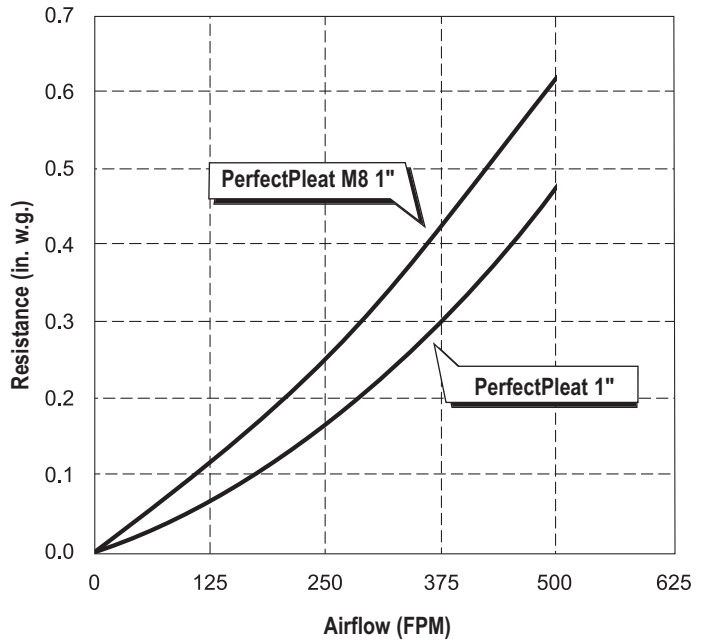
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### Performance Data

**Composite Minimum Efficiency**  
Efficiency Vs. Particle Size



**Resistance to Airflow**



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

ISO Certified 9001:2000

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