



B.C. AIR FILTER
LTD.

Air Pleat AP-8

MERV 8 - Premium Pleated Air Filter



- MERV 8 (30 – 35% Efficient)
- 100% Synthetic, Electrostatically Charged Media
- Hydrophobic Media – Will Not Absorb Moisture
- High Initial Efficiency
- Water Repelling Adhesive
- Galvanized Steel Mesh Pleat Support
- Meets LEED Minimum efficiency standard

B.C. Air Filter is excited to feature our new line of synthetic performance filters. Offering numerous benefits over standard cotton-poly blend medias, synthetic materials are the next step in filtration performance.

Pleat Media – Made with 100% synthetic materials, the AP-8 achieves higher efficiencies with virtually the same static pressure drop as cotton-poly pleats. Synthetic media has an inherent electrostatic charge, aiding in initial efficiency. This ensures performance – right from day one! Coupled with water shedding characteristics inhibiting the growth of mold, the AP-8 is truly the next step in filtration performance. The AP-8 is a MERV 8 filter as based on ASHRAE test 52.2.

High-Strength Dual Beverage Board Frame – Moisture resistant, high-strength beverage board gives the AP-8 the integrity to stand up to adverse conditions. Under normal operating conditions the AP-8 will not warp or rack.

Water Repelling Adhesive – As with all of our pleated filters, B.C. Air Filter utilizes only the highest quality adhesive for construction of the AP-8. Adhesive is applied to the entire surface of the die cut to ensure a good bond to the media pack at all points.

Selection – With almost forty years in the filtration industry, B.C. Air Filter has learned that each application is different. That is why we carry or manufacture seven different styles and configurations of pleated air filters, including Standard & High Capacity models of the AP-8. The AP-8 is available in 1”, 2”, and 4” depths.

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Nominal Size W x H x D	Actual Size W x H x D	Air Flow Capacity (CFM)			Initial Resistance @ 500 FPM (In. W.G.)		Gross Media Area (Sq. Ft.)	
		300 FPM	500 FPM	625 FPM	AP-8 SC	AP-8 HC	AP-8 SC	AP-8 HC
12 x 24 x 2	11-3/8 x 23-3/8 x 1-3/4	600	1000	1250	0.28	0.26	5.6	8.6
14 x 20 x 2	13-3/8 x 19-3/8 x 1-3/4	590	980	1220	0.28	0.26	5.7	8.8
14 x 25 x 2	13-3/8 x 24-3/8 x 1-3/4	730	1220	1525	0.28	0.26	7.1	11.0
16 x 20 x 2	15-3/8 x 19-3/8 x 1-3/4	670	1120	1400	0.28	0.26	6.7	9.9
16 x 24 x 2	15-3/8 x 23-3/8 x 1-3/4	800	1340	1670	0.28	0.26	8.0	11.7
16 x 25 x 2	15-3/8 x 24-3/8 x 1-3/4	840	1400	1750	0.28	0.26	8.4	12.3
18 x 20 x 2	17-3/8 x 19-3/8 x 1-3/4	750	1250	1570	0.28	0.26	7.8	10.9
18 x 24 x 2	17-3/8 x 23-3/8 x 1-3/4	900	1500	1875	0.28	0.26	9.3	13.0
18 x 25 x 2	17-3/8 x 24-3/8 x 1-3/4	940	1570	1960	0.28	0.26	9.7	13.6
20 x 20 x 2	19-3/8 x 19-3/8 x 1-3/4	840	1400	1750	0.28	0.26	8.3	11.9
20 x 24 x 2	19-3/8 x 23-3/8 x 1-3/4	1000	1670	2090	0.28	0.26	9.9	14.2
20 x 25 x 2	19-3/8 x 24-3/8 x 1-3/4	1050	1750	2170	0.28	0.26	10.3	14.9
24 x 24 x 2	23-3/8 x 23-3/8 x 1-3/4	1200	2000	2500	0.28	0.26	11.7	17.6
25 x 25 x 2	24-3/8 x 24-3/8 x 1-3/4	1310	2170	2720	0.28	0.26	13.6	19.4
12 x 24 x 4	11-3/8 x 23-3/8 x 3-3/4	600	1000	1250	0.27	0.29	10.0	12.4
16 x 20 x 4	15-3/8 x 19-3/8 x 3-3/4	670	1120	1400	0.27	0.29	11.5	14.6
16 x 25 x 4	15-3/8 x 24-3/8 x 3-3/4	840	1400	1750	0.27	0.29	14.3	18.3
18 x 24 x 4	17-3/8 x 23-3/8 x 3-3/4	900	1500	1875	0.27	0.29	14.9	19.9
20 x 20 x 4	19-3/8 x 19-3/8 x 3-3/4	840	1400	1750	0.27	0.29	14.6	18.8
20 x 24 x 4	19-3/8 x 23-3/8 x 3-3/4	1000	1670	2090	0.27	0.29	16.2	22.4
20 x 25 x 4	19-3/8 x 24-3/8 x 3-3/4	1050	1750	2170	0.27	0.29	18.3	23.5
24 x 24 x 4	23-3/8 x 23-3/8 x 3-3/4	1200	2000	2500	0.27	0.29	19.9	26.1
25 x 29 x 4	24-1/2 x 28-1/2 x 3-3/4	1460	2430	3030	0.27	0.29	24.9	32.6

Resistance to airflow is based upon ASHRAE 52.1-1992 test methods.

Recommended final operating resistance on AP-8 pleated filters is 1.0" W.G. The AP-8 can be operated to higher or lower resistance figures without compromising filter integrity.

Filters may be installed either vertically (preferred) or horizontally.

Operating Temperature Limits: Maximum operating temperature is 200°F (93°C).

For further information please call or visit our website: www.bcairfilter.com

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B.C. Air Filter has a policy of uninterrupted research and development and reserves the right to change specifications and design without notice.

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