

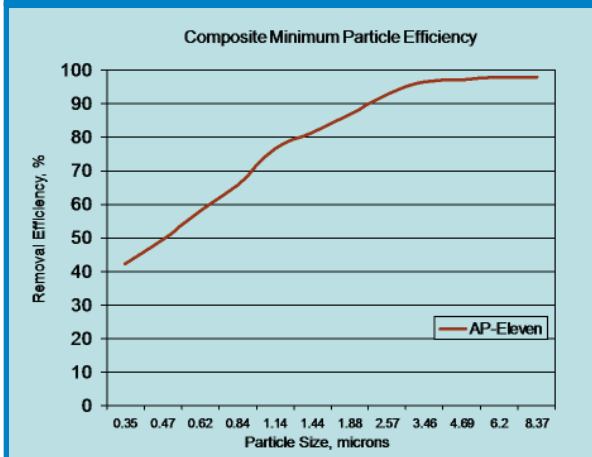


ap-eleven

MERV 11 High Efficiency, High Capacity, Pleated Panel Filter



High efficiency filtration with the lowest cost of ownership for a MERV 11 filter in a pleated filter design.



Values are MERVs when evaluated per ASHRAE Standard 52.2.

The Camfil Farr AP-Eleven extended surface pleated filter offers filtration for application in units that have 1", 2" or 4" deep filter tracks for filter installation. The AP-Eleven is a MERV 11 filter when evaluated per ASHRAE Standard 52.2-1999. Using the AP-Eleven may reduce the size of the HVAC system, saving valuable mechanical area floor space. It also allows upgrading of existing systems, allowing new units to fit within the same footprint, yet meet the filtration efficiency requirements as published in recognized design Standards.

Standard pleated filters remove nuisance dusts, lint and contaminants associated with staining and are primarily designed to protect equipment and act as prefilters. As a stand-alone filter, the AP-Eleven will perform these tasks and also remove sub-micron particles, defined as lung-damaging by cognizant authorities. The AP-Eleven, according to filtration application design manuals, may be used as the only filter for special process areas, electrical shops, paint shops, average general offices and laboratories. We can also add analytical laboratories, electronics shops, drafting areas, conference rooms, and above-average general offices to the list.

The AP-Eleven's low pressure drop and increased media area ensure an extended service life and low energy expenditures. Built for today's HVAC systems, the AP-Eleven:

- Has 15 pleats per linear foot (2" deep model). The radial pleat design ensures full use of media area and a longer filter life.
- Includes a synthetic fiber blend with a unique media loft that provides high-efficiency ASHRAE MERV 11 performance and high dust holding capacity.
- Has a welded wire media grid backing, treated for corrosion resistance, preventing media oscillation or filter pack failure as filter pressure drop increases.
- Includes a high wet-strength beverage board frame that creates a rigid and durable filter pack. The AP-Eleven will not bow or deflect and is guaranteed to 2.0" w.g.
- Has an ECI¹ value of five stars.

These combined features allow the AP-Eleven to outlast other MERV 11 pleated panels by a factor of 20% or more resulting in the lowest total cost of ownership (TCO).

¹ The Energy Cost Index (ECI) is a system that rates a filter's energy usage and its ability to maintain published efficiency over its lifetime. ECI is useful when comparing filters of similar construction and published efficiency. ECI ratings range from a high of 5 stars (low life cycle cost and high overall value) to a low of 1 star (high life cycle cost and low overall value). Details on ECI ratings for Camfil Farr and competitor's products are available from your Camfil Farr sales outlet and on the web at www.camfilfarr.com.



Camfil Farr	Product sheet
AP-Eleven	1035 - 0307
Camfil Farr - clean air solutions	

PERFORMANCE DATA

AP-ELEVEN

Nominal Depth (inches)	Nominal Size (inches)	Part Number	Actual Size (inches)			Airflow Capacity (cfm)		Resistance @ Capacity (inches w.g.)		Total Media Area (square feet)	Number of Pleats
			Height	Width	Depth	Medium	High	Medium	High		
4	20 x 16	404435-004	19.38	15.38	3.75	555	1110	0.08	0.28	15.6	11 pleats per linear foot
	20 x 20	404435-003	19.38	19.38		695	1390			18.8	
	24 x 12	404435-002	23.38	11.38		500	1000			13.8	
	24 x 16	404435-012	23.38	15.38		660	1330			19.9	
	24 x 18	404435-009	23.38	17.38		750	1500			20.1	
	24 x 20	404435-007	23.38	19.38		835	1670			22.5	
	24 x 24	404435-001	23.38	23.38		1000	2000			27.5	
	25 x 16	404435-005	24.38	15.38		695	1390			19.5	
25 x 20	404435-006	24.38	19.38	870	1740	23.5					
2	20 x 14	404434-010	19.50	13.50	1.75	485	970	0.09	0.39	8.3	15 pleats per linear foot
	20 x 12	404434-017	19.50	11.50		415	830			7.3	
	20 x 16	404434-001	19.50	15.50		555	1110			9.8	
	20 x 20	404434-002	19.50	19.50		695	1390			11.7	
	24 x 12	404434-006	23.38	11.38		500	1000			8.3	
	24 x 16	404434-012	23.50	15.38		660	1330			13.3	
	24 x 18	404434-008	23.50	17.50		750	1500			12.9	
	24 x 20	404434-007	23.38	19.50		835	1500			14.1	
	24 x 24	404434-005	23.38	23.38		1000	1670			17.3	
	25 x 16	404434-004	24.50	15.50		1000	2000			12.3	
	25 x 18	404434-009	24.50	17.50		695	1390			13.5	
	25 x 20	404434-003	24.50	19.50		780	1560			14.7	
	25 x 14	404434-011	24.50	13.50		870	1740			10.4	
	24 x 16	404434-012	23.50	15.50		610	1220			11.8	
	25 x 25	404434-013	24.50	24.50		1085	2170			19.0	
	20 x 10	404434-015	19.50	9.50		350	700			5.9	
16 x 16	404434-016	15.50	15.50	445	890	7.8					
20 x 15	404434-014	19.50	14.50	520	1040	9.2					
1	24 x 12	404433-009	23.50	11.50	0.88	350	700	0.19	0.24	5.0	16 pleats per linear foot
	20 x 14	404433-006	19.50	13.50		340	680			4.6	
	20 x 15	404433-008	19.50	14.50		365	730			5.1	
	20 x 16	404433-001	19.50	15.50		390	780			5.4	
	20 x 20	404433-002	19.50	19.50		485	970			6.6	
	24 x 20	404433-007	23.50	19.50		585	1165			8.0	
	24 x 24	404433-004	23.50	23.50		700	1400			9.8	
	25 x 14	404433-011	24.50	13.50		425	850			5.7	
	25 x 16	404433-004	24.50	15.50		485	970			6.7	
	25 x 20	404433-003	24.50	19.50		610	1215			8.3	
	24 x 18	404433-028	23.50	17.50		525	1050			7.3	
	25 x 18	404433-014	24.50	17.50		550	1100			7.6	
	24 x 16	404433-010	23.50	15.50		465	930			6.5	
	25 x 25	404433-013	24.50	24.50		760	1520			10.5	
	20 x 10	404433-012	19.50	9.50		245	490			3.3	
	16 x 16	404433-016	15.50	15.50		310	620			4.3	
	20 x 12	404433-018	19.50	11.50		290	580			4.1	
	20 x 18	404433-019	19.50	17.50		440	880			6.1	
	22 x 22	404433-020	21.50	21.50		590	1180			8.2	
	24 x 10	404433-021	23.50	9.50		290	580			4.0	
25 x 10	404433-022	24.50	9.50	305	610	4.1					
25 x 12	404433-023	24.50	11.50	365	730	5.2					
25 x 15	404433-024	24.50	14.50	455	910	6.4					
24 x 14	404433-026	23.50	13.50	410	820	5.5					

DATA NOTES:

1.0" w.g. recommended final resistance. System design may dictate a lower change-out point.
 The AP-Eleven filter is classified by Underwriters Laboratories as UL Class 2. Maximum operating temperature 200° F (93° C).
 2" & 4" filters rated at 250 fpm medium and 500 fpm high. 1" filters rated at 175 fpm medium and 350 fpm high.
 For AP-Eleven specifications please consult your local Camfil Farr Distributor or Representative or www.camfilfarr.com.

Camfil Farr has a policy of uninterrupted research, development and product improvement. We reserve the right to change designs and specifications without notice.

Camfil Farr
 United States Tel: (973) 616-7300 Fax: (973) 616-7771
 Canada Tel: (450) 629-3030 Fax: (450) 662-6035
 Email: camfilfarr@camfilfarr.com



Based upon performance of a 24" by 24" by 2".

