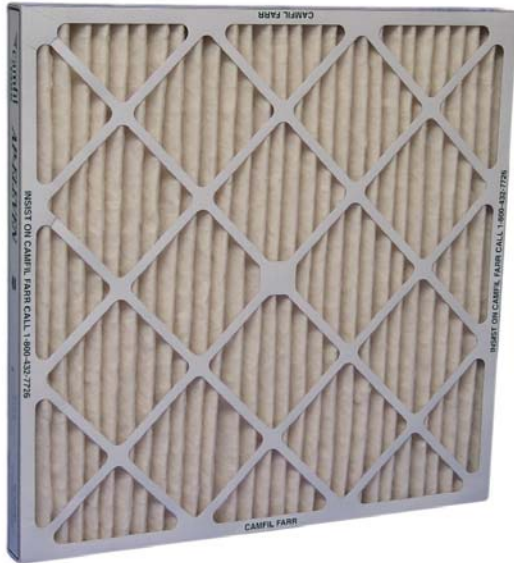




# AP-Eleven

MERV 11 High Efficiency, High Capacity, Pleated Panel Filter



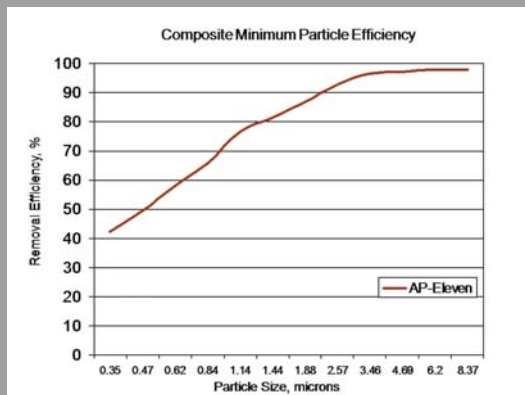
The Camfil Farr AP-Eleven extended surface pleated filter offers filtration for application in units that have 1", 2" or 4" deep filter tracks for filter installation. The AP-Eleven is a MERV 11 filter when evaluated per ASHRAE Standard 52.2. Using the AP-Eleven may reduce the size of the HVAC system, 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 ECI<sup>1</sup> value of five stars.

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.

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).

<sup>1</sup> 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](http://www.camfilfarr.com).



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## Performance

Nominal Depth (inches)	Nominal Size (inches)	Part Number	Actual Size (inches)			Airflow Capacity (cfm)	Initial Resistance (inches, w.g.)	Total Media Area (square feet)	Number of Pleats
			Height	Width	Depth				
4	20 x 16	404435-004	19.38	15.38	3.75	1110	0.23	15.6	11 pleats per linear foot
	20 x 20	404435-003	19.38	19.38		1390		18.8	
	24 x 12	404435-002	23.38	11.38		1000		13.8	
	24 x 16	404435-012	23.38	15.38		1330		19.9	
	24 x 18	404435-009	23.38	17.38		1500		20.1	
	24 x 20	404435-007	23.38	19.38		1670		22.5	
	24 x 24	404435-001	23.38	23.38		2000		27.5	
	25 x 16	404435-005	24.38	15.38		1390		19.5	
	25 x 20	404435-006	24.38	19.38		1740		23.5	
2	20 x 14	404434-010	19.50	13.50	1.75	975	0.25	8.3	15 pleats per linear foot
	20 x 12	404434-017	19.50	11.50		830		7.3	
	20 x 16	404434-001	19.50	15.50		1110		9.8	
	20 x 20	404434-002	19.50	19.50		1390		11.7	
	24 x 12	404434-006	23.38	11.38		1000		8.3	
	24 x 16	404434-012	23.50	15.38		1335		13.3	
	24 x 18	404434-008	23.50	17.50		1500		12.9	
	24 x 20	404434-007	23.38	19.50		1670		14.1	
	24 x 24	404434-005	23.38	23.38		2000		17.3	
	25 x 16	404434-004	24.50	15.50		1390		12.3	
	25 x 18	404434-009	24.50	17.50		1565		13.5	
	25 x 20	404434-003	24.50	19.50		1740		14.7	
	25 x 14	404434-011	24.50	13.50		1220		10.4	
	24 x 16	404434-012	23.50	15.50		1335		11.8	
	25 x 25	404434-013	24.50	24.50		2170		19.0	
	20 x 10	404434-015	19.50	9.50		700		5.9	
	16 x 16	404434-016	15.50	15.50		890		7.8	
	20 x 15	404434-014	19.50	14.50		1300		9.2	
1	24 x 12	404433-009	23.50	11.50	0.88	700	0.18	5.0	16 pleats per linear foot
	20 x 14	404433-006	19.50	13.50		680		4.6	
	20 x 15	404433-008	19.50	14.50		730		5.1	
	20 x 16	404433-001	19.50	15.50		780		5.4	
	20 x 20	404433-002	19.50	19.50		970		6.6	
	24 x 20	404433-007	23.50	19.50		1170		8.0	
	24 x 24	404433-004	23.50	23.50		1400		9.8	
	25 x 14	404433-011	24.50	13.50		850		5.7	
	25 x 16	404433-004	24.50	15.50		970		6.7	
	25 x 20	404433-003	24.50	19.50		1215		8.3	
	24 x 18	404433-028	23.50	17.50		1050		7.3	
	25 x 18	404433-014	24.50	17.50		1100		7.6	
	24 x 16	404433-010	23.50	15.50		930		6.5	
	25 x 25	404433-013	24.50	24.50		1520		10.5	
	20 x 10	404433-012	19.50	9.50		490		3.3	
	16 x 16	404433-016	15.50	15.50		620		4.3	
	20 x 12	404433-018	19.50	11.50		580		4.1	
	20 x 18	404433-019	19.50	17.50		880		6.1	
	22 x 22	404433-020	21.50	21.50		1180		8.2	
	24 x 10	404433-021	23.50	9.50		580		4.0	
	25 x 10	404433-022	24.50	9.50		610		4.1	
	25 x 12	404433-023	24.50	11.50		730		5.2	
	25 x 15	404433-024	24.50	14.50		910		6.4	
	24 x 14	404433-026	23.50	13.50		820		5.5	

**DATA NOTES:**

Schedule filter change at double the initial pressure drop. Final pressure drop should not exceed 1.0" w.g.  
 The AP-Eleven filter is listed by Underwriters Laboratories as UL 900. 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](http://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.



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