

The Camfil 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 meets the filtration efficiency requirements as published in recognized design standards.

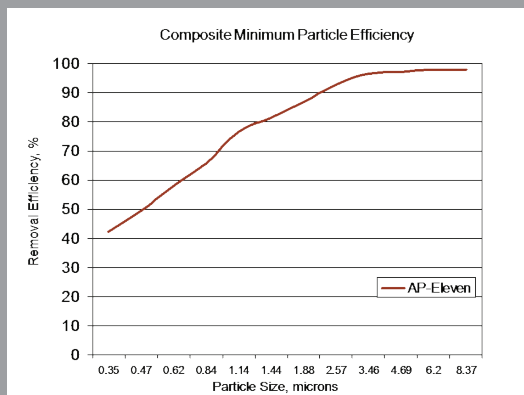
Standard pleated filters remove nuisance dusts, lint and contaminants associated with staining and are primarily designed to protect equipment and act as prefilters. As a stand-alone filter, the AP-Eleven will perform these tasks and also remove sub-micron particles, defined as lung-damaging by cognizant 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.

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).

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



Efficiency curve when evaluated per ASHRAE Standard 52.2.

<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 and competitor's products are available from your Camfil sales outlet and on the web at [www.camfil.com](http://www.camfil.com).



# AP-Eleven

MERV 11 High Efficiency, High Capacity, Pleated Panel Filter

## 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							
1"	16x12	404433-027	0.88	15.5	11.5	465	0.24"	3.2	16 Pleats per Foot			
	16x16	404433-016	0.88	15.5	15.5	620		4.3				
	20x10	404433-012	0.88	19.5	9.5	485		3.3				
	20x12	404433-018	0.88	19.5	11.5	585		4				
	20x14	404433-006	0.88	19.5	13.5	680		4.7				
	20x15	404433-008	0.88	19.5	14.5	730		5				
	20x16	404433-001	0.88	19.5	15.5	780		5.4				
	20x18	404433-019	0.88	19.5	17.5	875		6.1				
	20x20	404433-002	0.88	19.5	19.5	970		6.7				
	20x30	404433-029	0.88	19.5	29.5	1460		10.2				
	22x22	404433-020	0.88	21.5	21.5	1175		8.2				
	24x10	404433-021	0.88	23.5	9.5	585		4				
	24x12	404433-009	0.88	23.5	11.5	700		4.8				
	24x14	404433-026	0.88	23.5	13.5	815		5.6				
	24x16	404433-010	0.88	23.5	15.5	935		6.5				
	24x18	404433-028	0.88	23.5	17.5	1050		7.3				
	24x20	404433-007	0.88	23.5	19.5	1165		8.1				
	24x24	404433-005	0.88	23.5	23.5	1400		9.8				
	25x10	404433-022	0.88	24.5	9.5	610		4.1				
	25x12	404433-023	0.88	24.5	11.5	730		5				
	25x14	404433-011	0.88	24.5	13.5	850		5.9				
	25x15	404433-024	0.88	24.5	14.5	910		6.3				
	25x16	404433-004	0.88	24.5	15.5	970		6.7				
	25x18	404433-014	0.88	24.5	17.5	1095		7.6				
	25x20	404433-003	0.88	24.5	19.5	1215		8.5				
25x25	404433-013	0.88	24.5	24.5	1520	10.7						
2"	16x16	404434016	1.75	15.5	15.5	890	0.30"	7.6	15 Pleats per Foot			
	16x25	404434020	1.75	15.5	24.5	1390		12				
	20x10	404434015	1.75	19.5	9.5	695		5.9				
	20x12	404434-017	1.75	19.5	11.5	835		7.1				
	20x14	404434-010	1.75	19.5	13.5	970		8.3				
	20x15	404434-014	1.75	19.5	14.5	1040		8.9				
	20x16	404434-001	1.75	19.5	15.5	1110		9.6				
	20x18	404434-018	1.75	19.5	17.5	1250		10.8				
	20x20	404434-002	1.75	19.5	19.5	1390		12				
	20x24	404434021	1.75	19.5	23.5	1665		14.5				
	20x25	404434-022	1.75	19.5	24.5	1735		15.1				
	20x30	404434-023	1.75	19.5	29.5	2085		18.2				
	24x12	404434-006	1.75	23.38	11.38	1000		8.4				
	24x16	404434-012	1.75	23.5	15.5	1335		11.5				
	24x18	404434-008	1.75	23.5	17.5	1500		13				
	24x20	404434-007	1.75	23.5	19.5	1665		14.5				
	24x24	404434005	1.75	23.38	23.38	2000		17.3				
	25x14	404434-011	1.75	24.5	13.5	1215		10.5				
	25x15	404434-019	1.75	24.5	14.5	1300		11.2				
	25x16	404434-004	1.75	24.5	15.5	1390		12				
	25x18	404434-009	1.75	24.5	17.5	1565		13.6				
	25x20	404434-003	1.75	24.5	19.5	1735		15.1				
	25x25	404434-013	1.75	24.5	24.5	2170		19				
	4"	16x25	404435-013	3.75	15.38	24.38		1390		0.27"	18.9	11 Pleats per Foot
		20x16	404435-004	3.75	19.38	15.38		1110			15	
20x20		404435-003	3.75	19.38	19.38	1390	18.9					
20x24		404435-014	3.75	19.38	23.38	1665	22.8					
20x25		404435-015	3.75	19.38	24.38	1735	23.8					
24x12		404435-002	3.75	23.38	11.38	1000	13.4					
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24x18		404435-009	3.75	23.38	17.38	1500	20.4					
24x20		404435-007	3.75	23.38	19.38	1665	22.8					
24x24		404435-001	3.75	23.38	23.38	2000	27.5					
25x16		404435-005	3.75	24.38	15.38	1390	18.9					
25x20	404435-006	3.75	24.38	19.38	1735	23.8						

**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 175° F (79° 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 Distributor or Representative or www.camfil.com.

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



Camfil | 1 North Corporate Drive, Riverdale, NJ 07457 | Tel: (973) 616-7300