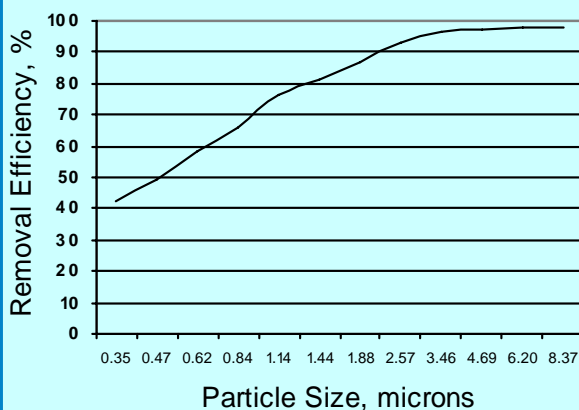




High efficiency filtration with the lowest cost of ownership for a MERV 11 filter in a pleated filter design.

Composite Minimum Particle Efficiency



MERV at particle size 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 includes:

- 15 pleats per linear foot (2" deep model). The radial pleat design ensures full use of media area and a longer filter life.
- A fine-fiber media blend with a unique media loft that provides high-efficiency ASHRAE MERV 11 performance and high dust holding capacity.
- A welded wire media grid backing, treated for corrosion resistance, preventing media oscillation or filter pack failure as filter pressure drop increases.
- 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.

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).



Camfil Farr	Product sheet
AP-Eleven	1035 - 0606
Camfil Farr—clean air solutions	

PERFORMANCE DATA

AP-Eleven

Nominal Filter Depth	Nominal Size (inches)	Actual Size (inches)			Airflow Capacity (cfm)		Resistance @ Capacity (inches w.g.)		Total Media Area (sq. ft.)	Pleats per Linear Foot
		Height	Width	Depth	Medium	High	Medium	High		
4"	20 x 16 x 4	19.38	15.38	3.75	555	1110	0.08	0.28	15.6	11 pleats per linear foot
	20 x 20 x 4	19.38	19.38		695	1390			18.8	
	24 x 12 x 4	23.38	11.38		500	1000			13.8	
	24 x 16 x 4	23.38	15.38		660	1330			19.9	
	24 x 18 x 4	23.38	17.38		750	1500			20.1	
	24 x 20 x 4	23.38	19.38		835	1670			22.6	
	24 x 24 x 4	23.38	23.38		1000	2000			27.5	
	25 x 16 x 4	24.38	15.38		695	1390			19.5	
25 x 20 x 4	24.38	19.38	870	1740	23.5					
2"	20 x 14 x 2	19.50	13.50	1.75	485	970	0.09	0.30	8.3	15 pleats per linear foot
	20 x 12 x 2	19.50	11.50		415	830			7.3	
	20 x 16 x 2	19.50	15.50		555	1110			9.8	
	20 x 18 x 2	19.50	17.50		625	1250			10.8	
	20 x 20 x 2	19.50	19.50		695	1390			11.7	
	24 x 12 x 2	23.38	11.38		500	1000			8.3	
	24 x 16 x 2	23.38	15.38		660	1330			13.3	
	24 x 18 x 2	23.50	17.50		750	1500			12.9	
	24 x 20 x 2	23.50	19.50		835	1670			14.1	
	24 x 24 x 2	23.38	23.38		1000	2000			17.3	
	25 x 16 x 2	24.50	15.50		695	1390			12.3	
	25 x 18 x 2	24.50	17.50		780	1560			13.5	
	25 x 20 x 2	24.50	19.50		870	1740			14.7	
	25 x 14 x 2	24.50	13.50		610	1220			10.4	
	24 x 16 x 2	23.50	15.50		660	1330			11.8	
	25 x 25 x 2	24.5	24.5		1085	2170			19.0	
	20 x 10 x 2	19.50	9.50		350	700			5.9	
	16 x 16 x 2	15.50	15.50		445	890			7.8	
	20 x 15 x 2	19.50	17.50		520	1040			9.2	
	25 x 15 x 2	24.50	14.50		650	1300			11.6	
1"	24 x 12 x 1	23.50	11.50	0.88	350	700	0.19	0.24	5.0	16 pleats per linear foot
	20 x 14 x 1	19.50	13.50		340	680			4.6	
	20 x 15 x 1	19.50	14.50		365	730			5.1	
	20 x 16 x 1	19.50	15.50		390	780			5.4	
	20 x 20 x 1	19.50	19.50		485	970			6.6	
	24 x 20 x 1	23.50	19.50		585	1165			8.0	
	24 x 24 x 1	23.50	23.50		700	1400			9.8	
	25 x 14 x 1	24.50	13.50		425	850			5.7	
	25 x 16 x 1	24.50	15.50		485	970			6.7	
	25 x 20 x 1	24.50	19.50		610	1215			8.3	
	24 x 18 x 1	23.50	17.50		525	1050			7.3	
	25 x 18 x 1	24.50	17.50		550	1100			7.6	
	24 x 16 x 1	23.50	15.50		465	930			6.5	
	25 x 25 x 1	24.50	24.50		760	1520			10.5	
	20 x 10 x 1	19.50	9.50		245	490			3.3	
	16 x 16 x 1	15.50	15.50		310	620			4.3	
	20 x 7 x 1	19.50	6.50		170	340			2.3	
	20 x 12 x 1	19.50	11.50		290	580			4.1	
	20 x 18 x 1	19.50	17.50		440	880			6.1	
	22 x 22 x 1	21.50	21.50		590	1180			8.2	
	24 x 10 x 1	23.50	9.50		290	580			4.0	
	25 x 10 x 1	24.50	9.50		305	610			4.1	
	25 x 12 x 1	24.50	11.50		365	730			5.2	
	25 x 15 x 1	24.50	14.50		455	910			6.4	
	12 x 12 x 1	11.50	11.50		175	350			2.5	
	24 x 14 x 1	23.50	13.50		410	820			5.5	
	16 x 12 x 1	15.50	11.50		235	470			3.3	

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.

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