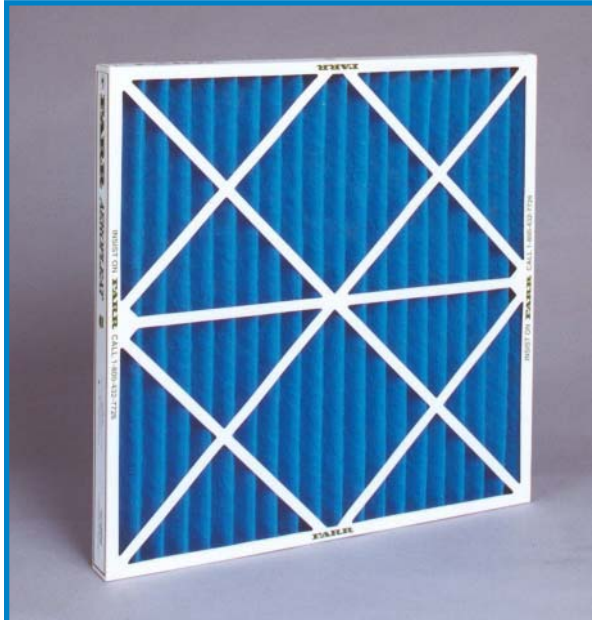


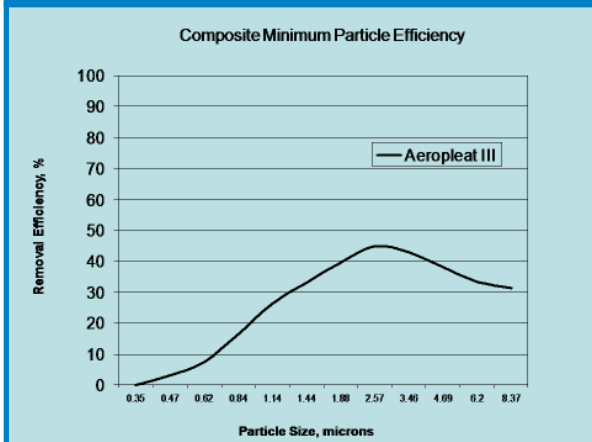


aeropleat® III

Standard Capacity Pleated Panel Filter



The economical choice for those requiring MERV 6 efficiency in HVAC applications.



Values are MERVs when evaluated per ASHRAE Standard 52.2.

Meeting Today's Standards

The Camfil Farr Aeropleat® III pleated filter offers medium grade ASHRAE efficiency and sets the performance standard for those upgrading from lower efficiency throw-aways or pads. Using a mechanical particle capture principle, the Aeropleat III is a MERV 6 filter when evaluated per ASHRAE Standard 52.2-1999.

For Today's Applications

As a stand-alone filter, the Aeropleat III will remove many of the contaminants associated with today's indoor air quality concerns. Available in 1", 2" and 4" depths, its increased media area offers an extended service life when compared to lower efficiency throw-aways or pads. Applications include commercial buildings, educational facilities and specialty manufacturing. As a pre-filter, the Aeropleat III offers protection for the higher efficiency final filters required for today's high-technology applications.

Built for today's HVAC systems the Aeropleat III:

- Has 10 pleats per linear foot (2" deep model) in a radial pleat design for full use of media area.
- Includes an optimum blend of cotton and synthetic fibers to provide medium grade ASHRAE performance and increased dust-holding capacity.
- Includes a welded wire media grid that is treated for corrosion resistance and to prevent media oscillation or pull-away.
- Has a high wet-strength beverage board frame that creates a rigid and durable filter pack. The pack will withstand 2.0" w.g. without failure.
- Is available in 1", 2" and 4" depths.
- Has an ECI¹ value of two stars.

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
Aeropleat® III	1008 - 0307
Camfil Farr - clean air solutions	

PERFORMANCE DATA

AEROPLEAT® III

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	116307-004	19.38	15.38	3.75"	555	1110	0.07	0.21	12.6	9 pleats per linear foot
	20 x 20	116307-003	19.38	19.38		695	1390			15.7	
	24 x 12	116307-002	23.38	11.38		500	1000			11.3	
	24 x 16	116307-012	23.38	15.38		695	1390			16.1	
	24 x 18	116307-009	23.38	17.38		750	1500			16.4	
	24 x 20	116307-007	23.38	19.38		835	1670			18.9	
	24 x 24	116307-001	23.38	23.38		1000	2000			22.7	
	25 x 16	116307-005	24.38	15.38		695	1390			15.7	
2"	20 x 14	116300-010	19.50	13.50	1.75"	485	970	0.08	0.23	6.1	10 pleats per linear foot
	20 x 12	116300-017	19.50	11.50		415	830			5.1	
	20 x 16	116300-001	19.50	15.50		555	1110			6.5	
	20 x 18	116300-018	19.50	17.50		625	1250			7.6	
	20 x 20	116300-002	19.50	19.50		695	1390			8.6	
	20 x 30	404811-002	19.50	29.50		2085	1045			12.6	
	24 x 12	116300-006	23.38	11.38		500	1000			6.1	
	24 x 18	116300-008	23.50	17.50		750	1500			9.1	
	24 x 20	116300-007	23.50	19.50		835	1670			10.3	
	24 x 24	116300-005	23.38	23.38		1000	2000			12.1	
	25 x 16	116300-004	24.50	15.50		695	1390			7.8	
	25 x 18	116300-009	24.50	17.50		780	1560			9.5	
	25 x 20	116300-003	24.50	19.50		870	1740			10.7	
	25 x 14	116300-011	24.50	13.50		610	1220			7.6	
	24 x 16	116300-004	23.50	15.50		660	1330			7.8	
	25 x 25	116300-013	24.50	24.50		1085	2170			13.3	
	20 x 10	116300-015	19.50	9.50		350	700			4.0	
	1"	16 x 16	116300-016	15.50		15.50	0.88"			445	
20 x 15		116300-014	19.50	14.50	520	1040		6.1			
25 x 15		116300-019	24.50	14.50	650	1300		7.6			
24 x 12		119303-009	23.50	11.50	350	700		3.8			
20 x 14		119303-006	19.50	13.50	340	680		3.7			
20 x 15		119303-008	19.50	14.50	365	730		4.0			
20 x 16		119303-001	19.50	15.50	390	780		4.3			
20 x 20		119303-002	19.50	19.50	485	970		5.4			
24 x 20		119303-007	23.50	19.50	585	1165		6.5			
24 x 24		119303-005	23.50	23.50	700	1400		7.8			
25 x 14		119303-011	24.50	13.50	425	850		4.7			
25 x 16		119303-004	24.50	15.50	485	970		5.4			
25 x 20		119303-003	24.50	19.50	610	1215		6.7			
24 x 18		119303-014	23.50	17.50	525	1050		5.8			
25 x 18		119303-028	24.50	17.50	550	1100		6.0			
24 x 16		119303-010	23.50	15.50	465	930		5.1			
25 x 25		119303-013	24.50	24.50	760	1520		8.5			
20 x 10		119303-012	19.50	9.50	245	490		2.8			
16 x 16		119303-016	15.50	15.50	310	620		3.4			
20 x 7		119303-017	19.50	6.50	170	340		1.9			
20 x 12	119303-018	19.50	11.50	290	580	3.2					
20 x 18	119303-019	19.50	17.50	440	880	4.8					
20 x 30	403243-005	19.50	29.50	1460	730	8.0					
22 x 22	119303-020	21.50	21.50	590	1180	6.5					
24 x 10	119303-021	23.50	9.50	290	580	3.3					
25 x 10	119303-022	24.50	9.50	305	610	3.5					
25 x 12	119303-023	24.50	11.50	365	730	4.0					
25 x 15	119303-024	24.50	14.50	455	910	5.0					
24 x 14	119303-026	23.50	13.50	410	820	4.5					
16 x 12	119303-027	15.50	11.50	235	470	2.3					

DATA NOTES:

1.0" w.g. recommended final resistance. System design may dictate a lower change-out point.
 The Aeropleat III 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 Aeropleat III 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.

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

