



Aeropleat® III

MERV 8 Standard Capacity Pleated Panel Filter



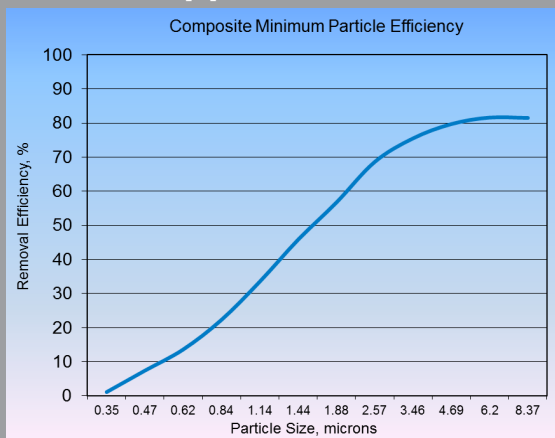
The Camfil Aeropleat® III pleated filter offers medium grade ASHRAE efficiency, and sets the performance standard for those upgrading from lower efficiency pleats, throw-aways or pads. The Aeropleat III has a MERV 8 when evaluated per ASHRAE Standard 52.2.

As a stand-alone filter, the Aeropleat III will remove many 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 prefilter, 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) with a radial pleat design for full use of media area.
- A cotton and synthetic media blend which provides medium grade ASHRAE performance and high dust-holding capacity. The media is manufactured from 100% recycled materials in accordance with Camfil's sustainable initiatives.
- Includes a welded wire media grid that is treated for corrosion resistance and prevents media oscillation or pull-away. The wire grid is manufactured from reclaimed metals in accordance with Camfil's sustainable initiatives.
- Has a high wet-strength beverage board frame that is bonded to the media to prevent air bypass. Diagonal support members of the same construction are bonded to the media creating a rigid and durable filter pack. The filter will withstand 2.0" w.g. without failure.
- Is available in 1", 2" and 4" depths.
- Has an ECI¹ value of two stars.

The economical choice for those requiring MERV 8 efficiency in HVAC applications.



The efficiency chart above is extrapolated from particle size versus efficiency information when evaluated per ASHRAE Standard 52.2.

¹ A 5-Star rating indicates that this filter performs in the top 20% of all products of similar construction in the HVAC industry. Factors of consideration include maintained efficiency, energy usage and resistance to air flow. Detailed evaluation information is available from your Camfil sales outlet or on the web at www.camfil.com.

Performance Data

Camfil Aeropleat® III

Nominal Depth (inches)	Nominal Size (inches)	Part Number	Actual Size (inches)			Airflow Capacity (cfm)	Resistance at Capacity (inches w.g.)	Total Media Area (sq. feet)	Number of Pleats
			Height	Width	Depth				
4"	20 x 16	116307-004	19.38	15.38	3.75"	1110	0.20	12.6	9 pleats per linear foot
	20 x 20	116307-003	19.38	19.38		1390		15.7	
	24 x 12	116307-002	23.38	11.38		1000		11.3	
	24 x 16	116307-012	23.38	15.38		1390		16.1	
	24 x 18	116307-009	23.38	17.38		1500		16.4	
	24 x 20	116307-007	23.38	19.38		1670		18.9	
	24 x 24	116307-001	23.38	23.38		2000		22.7	
	25 x 16	116307-005	24.38	15.38		1390		15.7	
	25 x 20	116307-006	24.38	19.38		1740		19.7	
2"	20 x 14	116300-010	19.50	13.50	1.75"	970	0.28	6.1	10 pleats per linear foot
	20 x 12	116300-017	19.50	11.50		830		5.1	
	20 x 16	116300-001	19.50	15.50		1110		6.5	
	20 x 18	116300-018	19.50	17.50		1250		7.6	
	20 x 20	116300-002	19.50	19.50		1390		8.6	
	20 x 30	404811-002	19.50	29.50		1045		12.6	
	24 x 12	116300-006	23.38	11.38		1000		6.1	
	24 x 18	116300-008	23.50	17.50		1500		9.1	
	24 x 20	116300-007	23.50	19.50		1670		10.3	
	24 x 24	116300-005	23.38	23.38		2000		12.1	
	25 x 16	116300-004	24.50	15.50		1390		7.8	
	25 x 18	116300-009	24.50	17.50		1560		9.5	
	25 x 20	116300-003	24.50	19.50		1740		10.7	
	25 x 14	116300-011	24.50	13.50		1220		7.6	
	24 x 16	116300-012	23.50	15.50		1330		7.8	
	25 x 25	116300-013	24.50	24.50		2170		13.3	
	20 x 10	116300-015	19.50	9.50		700		4.0	
	16 x 16	116300-016	15.50	15.50		890		5.2	
20 x 15	116300-014	19.50	14.50	1040	6.1				
25 x 15	116300-019	24.50	14.50	1300	7.6				
1"	24 x 12	119303-009	23.50	11.50	0.88"	700	0.23	3.8	12 pleats per linear foot
	20 x 14	119303-006	19.50	13.50		680		3.7	
	20 x 15	119303-008	19.50	14.50		730		4.0	
	20 x 16	119303-001	19.50	15.50		780		4.3	
	20 x 20	119303-002	19.50	19.50		970		5.4	
	24 x 20	119303-007	23.50	19.50		1165		6.5	
	24 x 24	119303-005	23.50	23.50		1400		7.8	
	25 x 14	119303-011	24.50	13.50		850		4.7	
	25 x 16	119303-004	24.50	15.50		970		5.4	
	25 x 20	119303-003	24.50	19.50		1215		6.7	
	24 x 18	119303-028	23.50	17.50		1100		6.0	
	25 x 18	119303-014	24.50	17.50		1050		5.8	
	24 x 16	119303-010	23.50	15.50		930		5.1	
	25 x 25	119303-013	24.50	24.50		1520		8.5	
	20 x 10	119303-012	19.50	9.50		490		2.8	
	16 x 16	119303-016	15.50	15.50		620		3.4	
	20 x 7	119303-017	19.50	6.50		340		1.9	
	20 x 12	119303-018	19.50	11.50		580		3.2	
	20 x 18	119303-019	19.50	17.50		880		4.8	
	20 x 30	403243-005	19.50	29.50		730		8.0	
	22 x 22	119303-020	21.50	21.50		1180		6.5	
	24 x 10	119303-021	23.50	9.50		580		3.3	
	25 x 10	119303-022	24.50	9.50		610		3.5	
	25 x 12	119303-023	24.50	11.50		730		4.0	
	25 x 15	119303-024	24.50	14.50		910		5.0	
	24 x 14	119303-026	23.50	13.50		820		4.5	
	16 x 12	119303-027	15.50	11.50		470		2.3	

DATA NOTES:

To establish a schedule for filter change, record initial pressure drop when installed, order filters for change when pressure drop has doubled, service unit when replacements are available.

Maximum recommended pressure drop for this product is 1.0 inches w.g.

The Aeropleat III filter is classified by Underwriters Laboratories as UL 900. Maximum operating temperature 200° F (93° C).

2" & 4" deep filters are rated at 500 fpm and 1" deep filters are rated at 350 fpm.

Tolerance in accordance with ARI Standard 850.

For Aeropleat III specifications please consult your local Camfil Distributor or Representative, or visit www.camfil.com.



Certified Quality System

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