



# Aeropleat® IV

MERV 8 High-Capacity Pleated Panel Filter



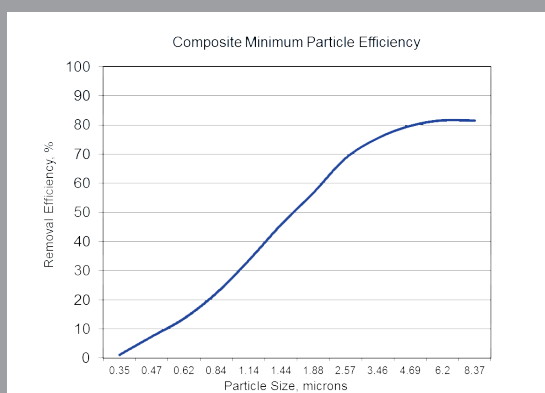
The Camfil Aeropleat IV extended surface pleated filter offers more media for high dirt-loading applications. The Aeropleat IV has a MERV 8 when evaluated per ASHRAE Standard 52.2.

As a stand-alone filter, the Aeropleat IV 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 standard capacity pleated filters. Applications include commercial buildings, educational facilities and specialty manufacturing. As a prefilter, the Aeropleat IV offers protection for the higher efficiency final filters required for today's high-technology applications.

The Aeropleat IV includes:

- 15 pleats per linear foot (2" deep model) in a radial pleat design for full use of media area. The 4" deep model has 11 pleats per foot and the 1" deep model has 16 pleats per foot.
- 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.
- 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.
- Availability in 1", 2" and 4" depths.
- Has an ECI\* value of four stars.

Long lasting service life that includes MERV 8 performance for HVAC applications



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

\* 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).



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## Performance

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				
4"	20 x 16	400013-004	19.38	15.38	3.75"	1110	0.21	15.7	11 pleats per linear foot
	20 x 20	400013-003	19.38	19.38		1390		18.9	
	24 x 12	400013-002	23.38	11.38		1000		13.9	
	24 x 16	400013-012	23.38	15.38		1335		18.7	
	24 x 18	400013-009	23.38	17.38		1500		20.2	
	24 x 20	400013-007	23.38	19.38		1670		22.7	
	24 x 24	400013-001	23.38	23.38		2000		28.6	
	25 x 16	400013-005	24.38	15.38		1390		19.7	
	25 x 20	400013-006	24.38	19.38		1740		23.6	
2"	20 x 14	400010-010	19.50	13.50	1.75"	975	0.27	8.3	15 pleats per linear foot
	20 x 12	400010-017	19.50	11.50		830		7.4	
	20 x 16	400010-001	19.50	15.50		1110		9.9	
	20 x 18	400010-018	19.50	17.50		1250		10.8	
	20 x 20	400010-002	19.50	19.50		1390		11.9	
	24 x 12	400010-006	23.38	11.38		1000		8.4	
	24 x 18	400010-008	23.50	17.50		1500		13.0	
	24 x 20	400010-007	23.50	19.50		1670		14.3	
	24 x 24	400010-005	23.38	23.38		2000		17.3	
	25 x 16	400010-004	24.50	15.50		1390		12.4	
	25 x 18	400010-009	24.50	17.50		1565		13.5	
	25 x 20	400010-003	24.50	19.50		1740		14.9	
	25 x 14	400010-011	24.50	13.50		1220		10.4	
	24 x 16	400010-012	23.50	15.50		1335		11.8	
	25 x 25	400010-013	24.50	24.50		2170		19.0	
	20 x 10	400010-015	19.50	9.50		700		5.9	
	16 x 16	400010-016	15.50	15.50		890		7.8	
	20 x 15	400010-014	19.50	14.50		1040		9.2	
25 x 15	400010-019	24.50	14.50	1300	11.6				
1"	24 x 12	400012-009	23.50	11.50	0.88"	700	0.22	4.9	16 pleats per linear foot
	20 x 14	400012-006	19.50	13.50		680		4.6	
	20 x 15	400012-008	19.50	14.50		730		5.1	
	20 x 16	400012-001	19.50	15.50		780		5.4	
	20 x 20	400012-002	19.50	19.50		970		6.6	
	24 x 20	400012-007	23.50	19.50		1170		8.0	
	24 x 24	400012-005	23.50	23.50		1400		9.8	
	25 x 14	400012-011	24.50	13.50		850		5.7	
	25 x 16	400012-004	24.50	15.50		970		6.5	
	25 x 20	400012-003	24.50	19.50		1215		8.3	
	24 x 18	400012-028	23.50	17.50		1050		7.3	
	25 x 18	400012-014	24.50	17.50		1100		7.6	
	24 x 16	400012-010	23.50	15.50		930		6.7	
	25 x 25	400012-013	24.50	24.50		1520		10.5	
	20 x 10	400012-012	19.50	9.50		490		3.3	
	16 x 16	400012-016	15.50	15.50		620		4.3	
	20 x 7	400012-017	19.50	6.50		340		2.3	
	20 x 12	400012-018	19.50	11.50		580		4.1	
	20 x 18	400012-019	19.50	17.50		880		6.1	
	22 x 22	400012-020	21.50	21.50		1180		8.2	
	24 x 10	400012-021	23.50	9.50		580		4.0	
	25 x 10	400012-022	24.50	9.50		610		4.1	
	25 x 12	400012-023	24.50	11.50		730		5.2	
	25 x 15	400012-024	24.50	14.50		910		6.4	
24 x 14	400012-026	23.50	13.50	820	5.5				
16 x 12	400012-027	15.50	11.50	470	3.3				

### DATA NOTES

The Aeropleat IV filter is classified by Underwriters Laboratories as UL 900. Maximum operating temperature is 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 IV specifications please consult your local Camfil Distributor or Representative or visit [www.camfil.com](http://www.camfil.com).

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