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Aeropleat® IV

MERV 8 High-Capacity Pleated Panel Filter
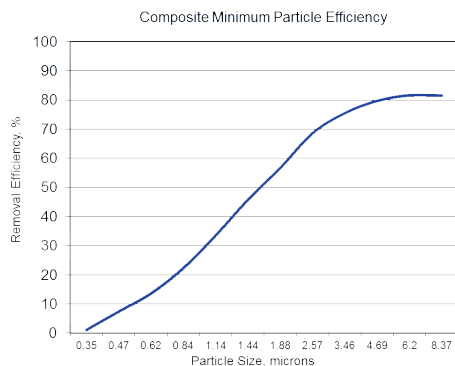
ENERGY COST INDEX ★★★★☆

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 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 he 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

Composite Minimum Particle Efficiency

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.

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Performance

Nominal Depth (inches)	Nominal Size (inches)	Part Number	Actual Size (inches)			Airflow @ Capacity (cfm)	Total Media Area (square feet)	Initial ΔP	Number of Pleats
			Height	Width	Depth				
1"	20x16	400012-001	19.5	15.5	0.88	780	5.4	0.25"	16 per linear foot
	20x20	400012-002	19.5	19.5	0.88	970	6.7		
	25x20	400012-003	24.5	19.5	0.88	1215	8.5		
	25x16	400012-004	24.5	15.5	0.88	970	6.7		
	24x24	400012-005	23.5	23.5	0.88	1400	9.8		
	20x14	400012-006	19.5	13.5	0.88	680	4.7		
	24x20	400012-007	23.5	19.5	0.88	1165	8.1		
	20x15	400012-008	19.5	14.5	0.88	730	5		
	24x12	400012-009	23.5	11.5	0.88	700	4.8		
	24x16	400012-010	23.5	15.5	0.88	935	6.5		
	25x14	400012-011	24.5	13.5	0.88	850	5.9		
	20x10	400012-012	19.5	9.5	0.88	485	3.3		
	25x25	400012-013	24.5	24.5	0.88	1520	10.7		
	25x18	400012-014	24.5	17.5	0.88	1095	7.6		
	16x16	400012-016	15.5	15.5	0.88	620	4.3		
	20x12	400012-018	19.5	11.5	0.88	585	4		
	20x18	400012-019	19.5	17.5	0.88	875	6.1		
	22x22	400012-020	21.5	21.5	0.88	1175	8.2		
	24x10	400012-021	23.5	9.5	0.88	585	4		
	25x10	400012-022	24.5	9.5	0.88	610	4.1		
	25x12	400012-023	24.5	11.5	0.88	730	5		
	25x15	400012-024	24.5	14.5	0.88	910	6.3		
	24x14	400012-026	23.5	13.5	0.88	815	5.6		
	16x12	400012-027	15.5	11.5	0.88	465	3.2		
	24x18	400012-028	23.5	17.5	0.88	1050	7.3		
	20x30	403244-005	19.5	29.5	0.88	1460	10.2		
2"	20x16	400010-001	19.5	15.5	1.75	1110	9.6	0.25"	15 per linear foot
	20x20	400010-002	19.5	19.5	1.75	1390	12		
	25x20	400010-003	24.5	19.5	1.75	1735	15.1		
	25x16	400010-004	24.5	15.5	1.75	1390	12		
	24x24	400010005	23.38	23.38	1.75	2000	17.3		
	24x12	400010-006	23.38	11.38	1.75	1000	8.4		
	24x20	400010-007	23.5	19.5	1.75	1665	14.5		
	24x18	400010-008	23.5	17.5	1.75	1500	13		
	25x18	400010-009	24.5	17.5	1.75	1565	13.6		
	20x14	400010-010	19.5	13.5	1.75	970	8.3		
	25x14	400010-011	24.5	13.5	1.75	1215	10.5		
	24x16	400010-012	23.5	15.5	1.75	1335	11.5		
	25x25	400010-013	24.5	24.5	1.75	2170	19		
	20x15	400010-014	19.5	14.5	1.75	1040	8.9		
	20x10	400010015	19.5	9.5	1.75	695	5.9		
	16x16	400010016	15.5	15.5	1.75	890	7.6		
	20x12	400010-017	19.5	11.5	1.75	835	7.1		
	20x18	400010018	19.5	17.5	1.75	1250	10.8		
	25x15	400010-019	24.5	14.5	1.75	1300	11.2		
	16x25	400010020	15.5	24.5	1.75	1390	12		
	20x24	400010021	19.5	23.5	1.75	1665	14.5		
	20x25	400010-022	19.5	24.5	1.75	1735	15.1		
	20x30	405192-002	19.5	29.5	1.75	2085	18.2		
4"	24x24	400013-001	23.38	23.38	3.75	2000	28.6	0.23"	11 per linear foot
	24x12	400013-002	23.38	11.38	3.75	1000	13.9		
	20x20	400013-003	19.38	19.38	3.75	1390	19.7		
	20x16	400013-004	19.38	15.38	3.75	1110	15.6		
	25x16	400013-005	24.38	15.38	3.75	1390	19.6		
	25x20	400013-006	24.38	19.38	3.75	1735	24.7		
	24x20	400013-007	23.38	19.38	3.75	1665	23.7		
	24x18	400013-009	23.38	17.38	3.75	1500	21.3		
	24x16	400013-012	23.38	15.38	3.75	1335	18.8		
	16x25	400013-013	15.38	24.38	3.75	1390	19.6		
	20x24	400013-014	19.38	23.38	3.75	1665	23.7		
	20x25	400013-015	19.38	24.38	3.75	1735	24.7		

DATA NOTES
The Aeropleat IV filter is classified by Underwriters Laboratories as UL 900. Maximum operating temperature is 175° F (79° 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 Camfil Panel Filters.

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ISO 9001:2015 Certified Quality System

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