
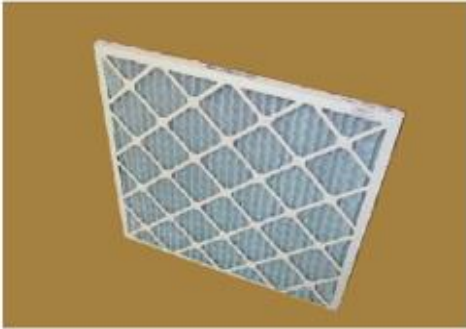
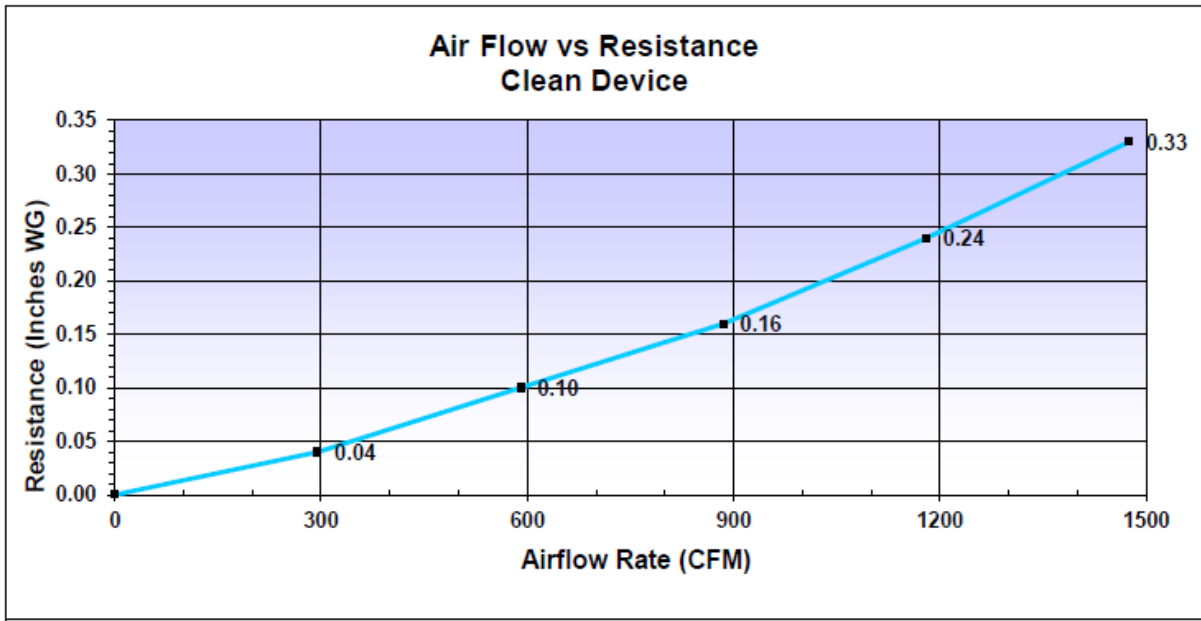


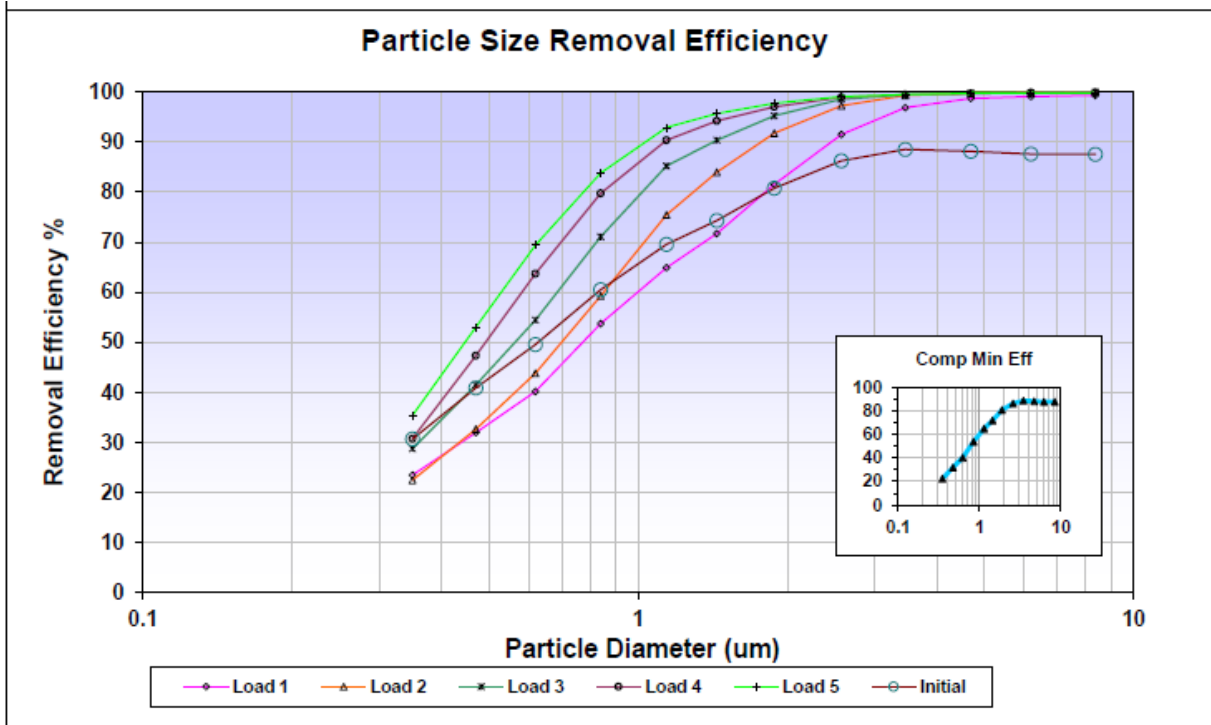
Air Filter – MERV 11 – Specification Data Sheet

Filter Description	
Filter Model	MERV 11
Part Number	PF11.0124246P
Generic Filter Type	Pleated
Nominal Dimensions (H x W x D)	24" x 24" x 1"
Pocket / Pleat Quantity	30 Pleats
Media Type	TB60
Est. Gross Media Area	8.80 Ft ²
Adhesive Type	N A

	
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Test Conditions			
Loading Dust Type	ASHRAE	Test Air Temp (degrees F.)	76
Barometric Pressure (In. Hg.)	29.73	Relative Humidity (%)	37
Test Results			
Airflow Rate (CFM)		1180	
Nominal Face Velocity (fpm)		295	
Initial Resistance (in WG)		0.24	
Final Resistance (in WG)		1.00	
Dust Fed (gms) to Final Resistance		44	
E1 (%) Composite Minimum Avg. Efficiency 0.30 - 1.0 um		37	
E2 (%) Composite Minimum Avg. Efficiency 1.0 - 3.0 um		76	
E3 (%) Composite Minimum Avg. Efficiency 3.0 - 10.0 um		88	
Minimum Efficiency Reporting Value (MERV)		MERV 11 @ 1180 CFM	
Comments			
Tested For: Filtration Products Supply			
Final Pressure Drop ("w.c.)	1.00"w.c.		
Dust Holding Capacity (gms)	41		
Average Arrestance (%)	92.0		
Test Performed by:	RAS	Approved By:	<i>RAS</i>
			Test Completed: 23-Apr-18





Data - Initial Resistance

Airflow (CFM)	Resistance (in WG)
0	0.00
295	0.04
590	0.10
885	0.16
1180	0.24
1475	0.33

Data - Particle Removal Efficiency

Particle Size Range (um)	Geometric Mean Diam (um)	Particle Removal Efficiency (%)						
		CME	Initial	Load 1	Load 2	Load 3	Load 4	Load 5
0.30 - 0.40	0.35	22.5	30.7	23.5	22.5	28.8	30.8	35.4
0.40 - 0.55	0.47	32.0	40.9	32.0	32.7	41.5	47.4	53.0
0.55 - 0.70	0.62	40.2	49.6	40.2	43.8	54.4	63.7	69.4
0.70 - 1.00	0.84	53.7	60.5	53.7	59.2	71.0	79.7	83.8
1.00 - 1.30	1.14	64.9	69.5	64.9	75.4	85.2	90.4	92.9
1.30 - 1.60	1.44	71.7	74.3	71.7	83.9	90.4	94.2	95.6
1.60 - 2.20	1.88	80.7	80.7	81.5	91.7	95.2	97.0	97.7
2.20 - 3.00	2.57	86.2	86.2	91.5	97.2	98.5	98.9	99.0
3.00 - 4.00	3.46	88.5	88.5	96.8	99.3	99.4	99.4	99.5
4.00 - 5.50	4.69	88.1	88.1	98.7	99.7	99.7	99.8	99.7
5.50 - 7.00	6.20	87.6	87.6	99.1	99.8	99.8	99.8	99.7
7.00 - 10.00	8.37	87.5	87.5	99.3	99.9	99.9	99.9	99.8
		CME	Initial	Load 1	Load 2	Load 3	Load 4	Load 5
Resistance after Dust Load (in w.c.) ---->		0.28	0.43	0.62	0.81	1.00		
Dust Load (gms) ----->		3	17	28	37	44		

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