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Date: 12-Jan-15 TEST NO. 15-071Rev1

ASHRAE Standard 52.2-2012 TEST REPORT

Filter Description

Manufacturer	Viskon-Aire Corp
Filter Model	AS
Part Number	AS1324242208
Generic Filter Type	Pocket Filter
Nominal Dimensions (H x W x D)	24"x24"x22"
Pocket / Pleat Quantity	8 Pockets
Media Type	Synthetic Meltblown
Est. Gross Media Area	Standard
Adhesive Type	N/A



Test Conditions

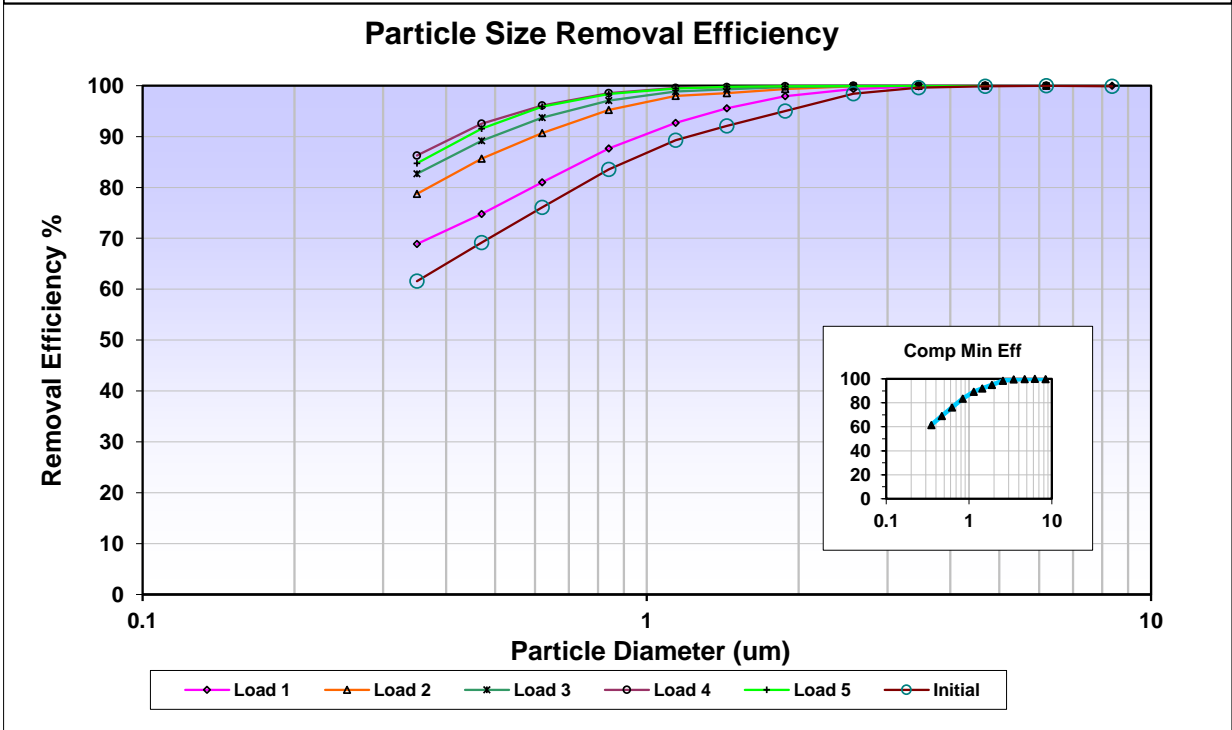
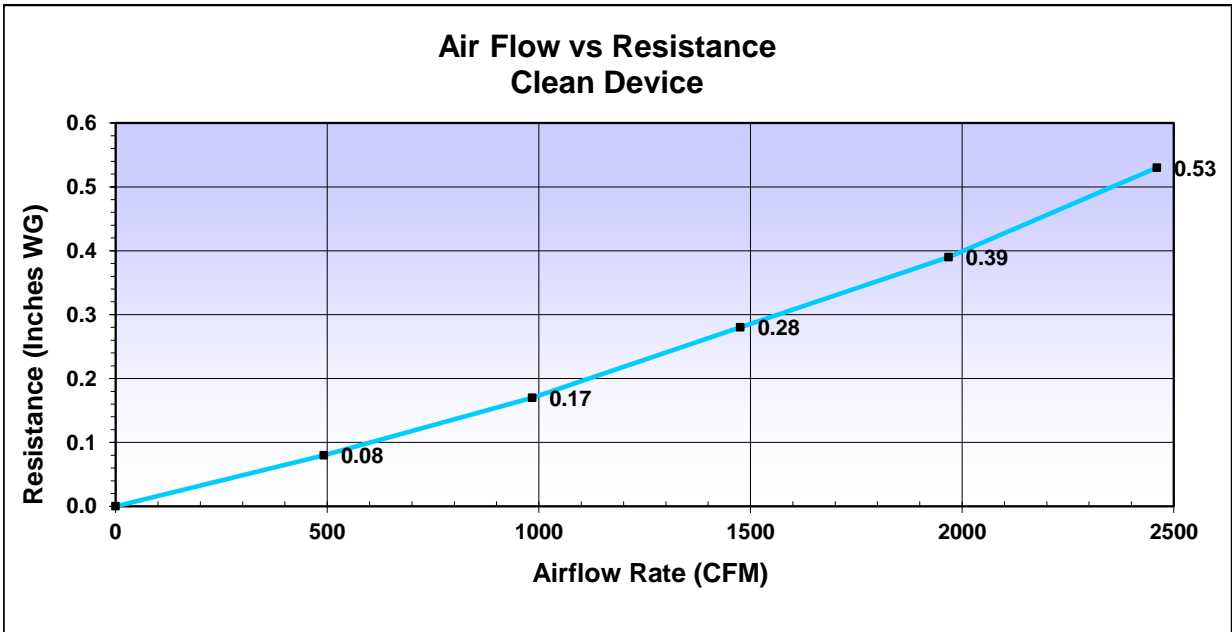
Loading Dust Type	Ashrae	Test Air Temp (degrees F.)	71
Barometric Pressure (In. Hg.)	29.74	Relative Humidity (%)	27

Test Results

Airflow Rate (CFM)	1968
Nominal Face Velocity (fpm)	492
Initial Resistance (in WG)	0.39
Final Resistance (in WG)	1.50
Dust Fed (gms) to Final Resistance	189
E1 (%) Composite Minimum Avg. Efficiency 0.30 - 1.0 um	73
E2 (%) Composite Minimum Avg. Efficiency 1.0 - 3.0 um	94
E3 (%) Composite Minimum Avg. Efficiency 3.0 - 10.0 um	100
Minimum Efficiency Reporting Value (MERV)	MERV 13 @ 1968 CFM

Comments Tested For: Viskon-Aire Corp
 Final Pressure Drop ("w.c.) 1.50"w.c.
 Dust Holding Capacity (gms) 189
 Average Arrestance (%) 100.0

Test Performed by: JPS **Approved By:**  **Test Completed:** 12-Jan-15



Data - Initial Resistance

Airflow (CFM)	Resistance (in WG)
0	0.00
492	0.08
984	0.17
1476	0.28
1968	0.39
2460	0.53

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	61.6	61.6	68.9	78.7	82.7	86.3	84.7	
0.40 - 0.55	0.47	69.1	69.1	74.8	85.7	89.2	92.5	91.5	
0.55 - 0.70	0.62	76.1	76.1	81.0	90.7	93.7	96.1	95.9	
0.70 - 1.00	0.84	83.5	83.5	87.7	95.2	97.1	98.5	98.3	
1.00 - 1.30	1.14	89.3	89.3	92.7	98.0	98.8	99.5	99.5	
1.30 - 1.60	1.44	92.1	92.1	95.6	98.5	99.3	99.7	99.7	
1.60 - 2.20	1.88	95.0	95.0	97.9	99.3	99.7	99.9	99.9	
2.20 - 3.00	2.57	98.4	98.4	99.3	99.9	99.9	100.0	99.9	
3.00 - 4.00	3.46	99.6	99.6	99.9	100.0	99.9	100.0	100.0	
4.00 - 5.50	4.69	99.9	99.9	100.0	100.0	100.0	100.0	100.0	
5.50 - 7.00	6.20	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
7.00 - 10.00	8.37	99.9	99.9	100.0	100.0	100.0	100.0	100.0	
		CME	Initial	Load 1	Load 2	Load 3	Load 4	Load 5	
Resistance after Dust Load (in w.c.) ----->				0.43	0.67	0.95	1.22	1.50	
Dust Load (gms) ----->				13	95	137	171	189	