



2820 S. English Station Road - Louisville, KY 40299
 Tel: (502) 357-0132 Fax (502) 267-8379

Date: 26-Feb-13 TEST NO. 13-0253Rev1

ASHRAE Standard 52.2-2007 TEST REPORT

Filter Description

Manufacturer	Viskon-Aire Corp.
Filter Model	AS
Part Number	AS1524242208
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.)	75
Barometric Pressure (In. Hg.)	29.44	Relative Humidity (%)	23

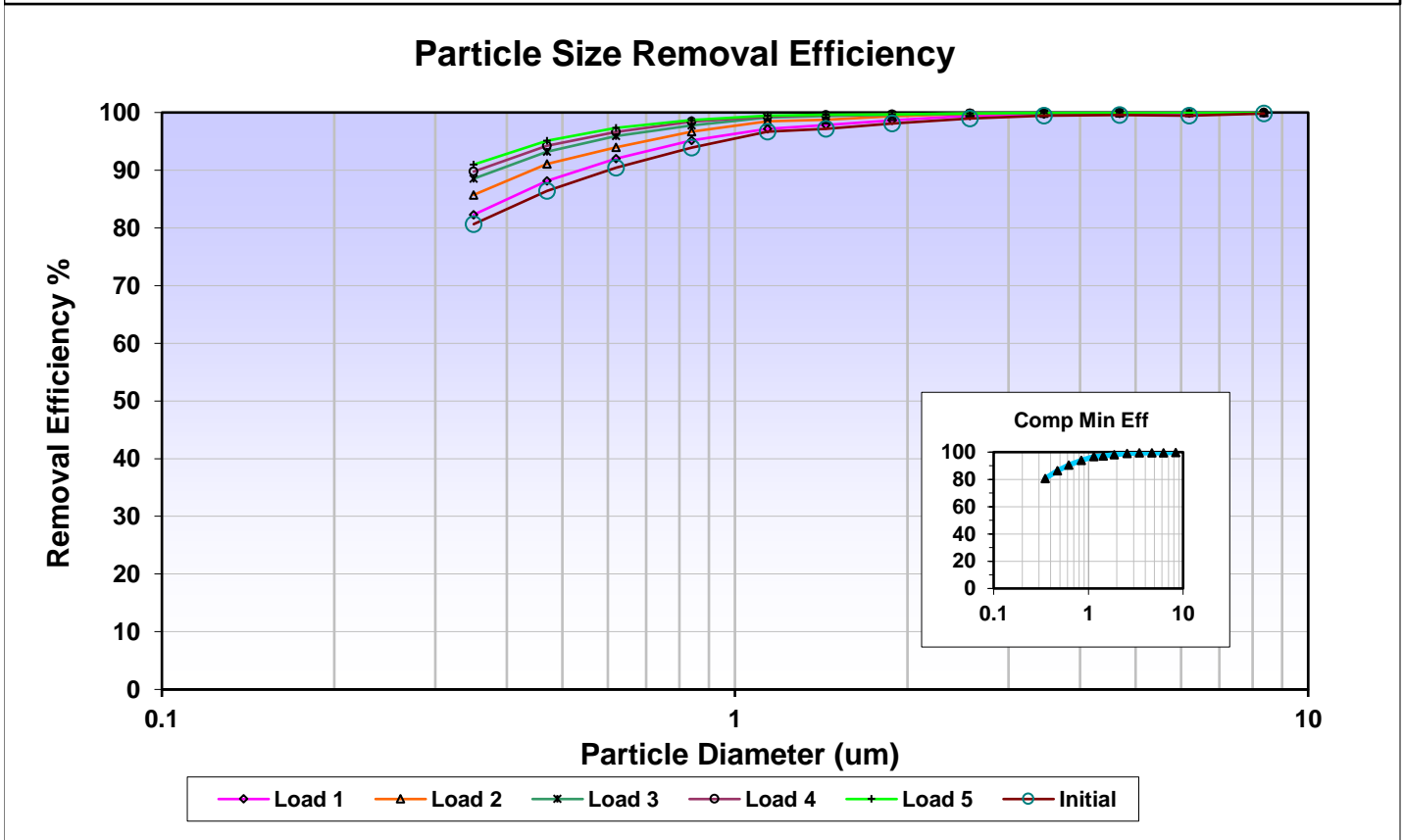
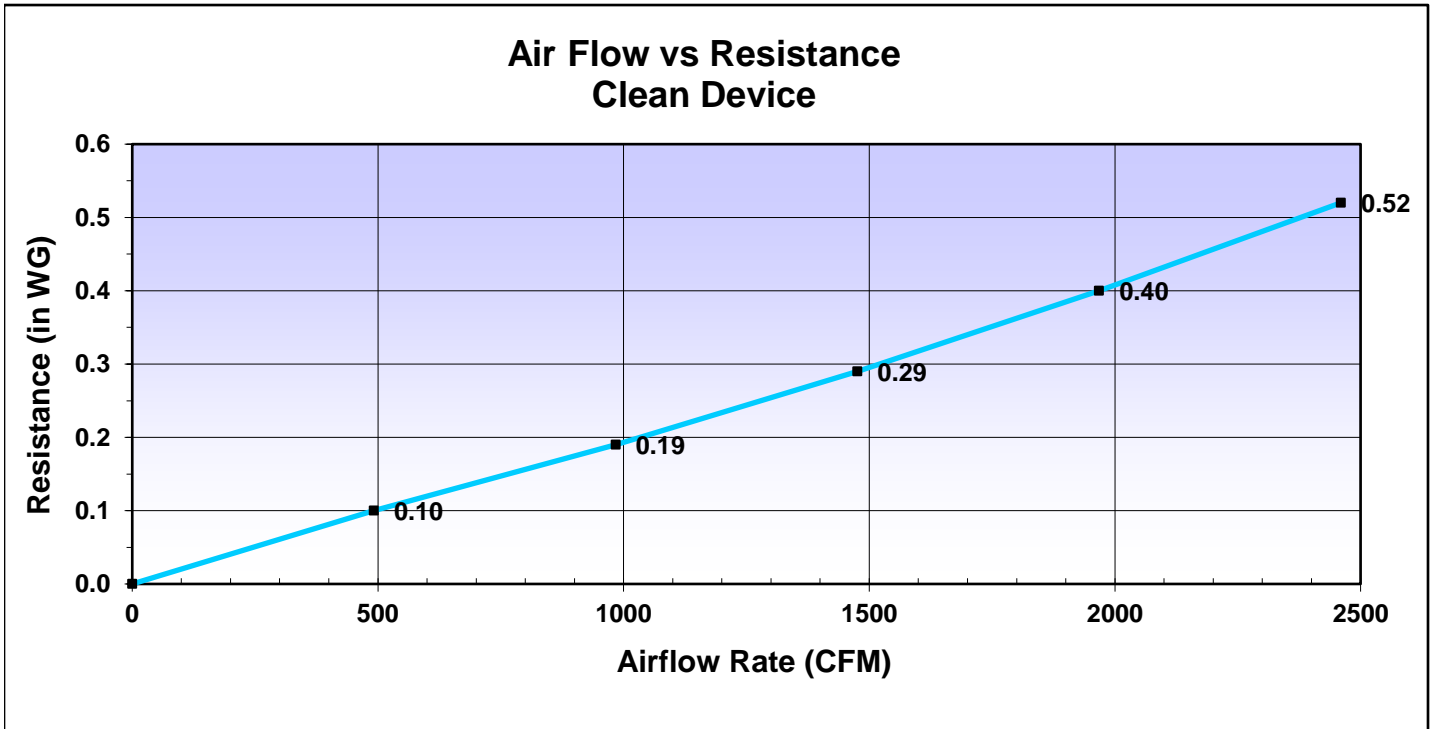
Test Results

Airflow Rate (CFM)	1968
Nominal Face Velocity (fpm)	492
Initial Resistance (in WG)	0.40
Final Resistance (in WG)	1.50
E1 (%) Composite Minimum Avg. Efficiency 0.30 - 1.0 um	88
E2 (%) Composite Minimum Avg. Efficiency 1.0 - 3.0 um	98
E3 (%) Composite Minimum Avg. Efficiency 3.0 - 10.0 um	100
Minimum Efficiency Reporting Value (MERV)	MERV 15 @ 1968 CFM

Comments Tested For: Viskon-Aire Corp.
 Dust Fed (gms) to Final Resistance: 122
 Dust Holding Capacity (gms) 122
 Average Arrestance (%) 100

Approval:

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Blue Heaven Technologies

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Test Report

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Data - Initial Resistance

Airflow (CFM)	Resistance (in WG)
0	0.00
492	0.10
984	0.19
1476	0.29
1968	0.40
2460	0.52

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	80.7	80.7	82.3	85.7	88.5	89.8	91.0
0.40 - 0.55	0.47	86.4	86.4	88.2	91.1	93.2	94.2	95.1
0.55 - 0.70	0.62	90.4	90.4	92.0	94.0	95.9	96.6	97.3
0.70 - 1.00	0.84	93.9	93.9	95.2	96.7	97.7	98.4	98.7
1.00 - 1.30	1.14	96.7	96.7	97.1	98.5	99.1	99.3	99.4
1.30 - 1.60	1.44	97.2	97.2	97.8	98.7	99.4	99.5	99.6
1.60 - 2.20	1.88	98.1	98.1	98.6	99.3	99.6	99.7	99.7
2.20 - 3.00	2.57	98.9	98.9	99.4	99.8	99.8	99.8	99.8
3.00 - 4.00	3.46	99.4	99.4	99.7	99.9	99.9	99.9	99.9
4.00 - 5.50	4.69	99.6	99.6	99.8	99.9	99.9	100.0	100.0
5.50 - 7.00	6.20	99.5	99.5	99.9	100.0	100.0	100.0	100.0
7.00 - 10.00	8.37	99.8	99.8	99.9	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 WG) ----->				0.44	0.68	0.95	1.23	1.50
Dust Load (gms) ----->				13	63	93	110	122