

INITIAL 52.2 TEST REPORT

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Test Type : Initial 52.2
Test Number: T031810A
Flow Rate/Velocity: 1968 cfm
Test Aerosol: KCl, Neutralized
Filter size: 24 x 24 x 12

Test Requested by: AAF International
Media Manufacturer:
Filter Manufacturer: AAF International
Media/Filter ID Number: Varicel SH M13
Filter Description: 331-765-148

Flow Rate (cfm)	DP "H ₂ O
492	0.090
984	0.198
1476	0.350
1968	0.520
2460	0.703

Size Range (μm)	Initial Fractional Efficiency(%)
0.3-0.4	50.6
0.4-0.55	63.2
0.55-0.7	74.8
0.7-1.0	82.0
1.0-1.3	88.2
1.3-1.6	91.0
1.6-2.2	94.3
2.2-3.0	96.8
3.0-4.0	98.9
4.0-5.5	99.3
5.5-7.0	99.8
7.0-10.0	100.0

Based on initial efficiencies, Minimum Efficiency Reporting Value (MERV) = 13

