February 23, 2012 **LMS# 1713**

INITIAL 52.2 TEST REPORT
LMS Technologies, Inc.

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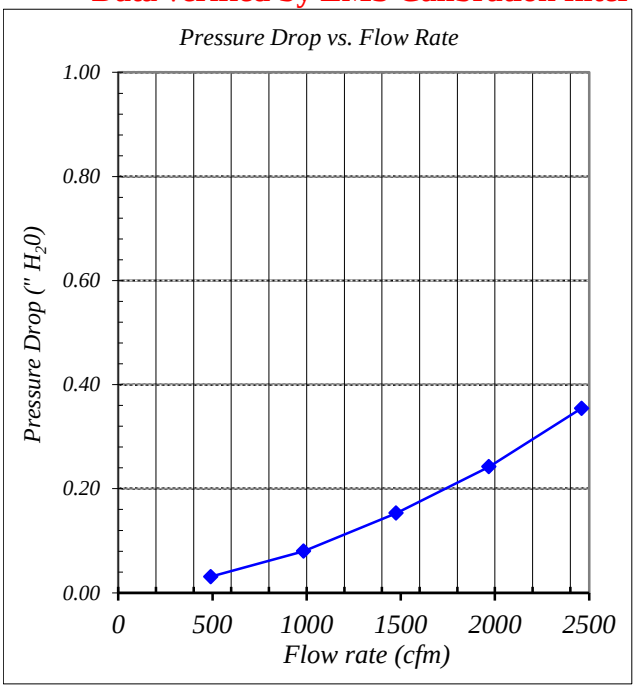
Test Type :	Initial 52.2	**Test Requested by:**	Kimberly-Clark Corporation
Test Number:	T022312D	**Media Manufacturer:**	Kimberly-Clark Corporation
Flow Rate/Velocity:	1968 cfm/ 492 fpm	**Filter Manufacturer:**	Filtration Mfg. Inc.
Test Aerosol:	KCl, Neutralized	**Media/Filter ID Number:**	Practical Pleat
Filter size:	24"x24"x5"	**Filter Description:**	23 visible pleats PP1124245P

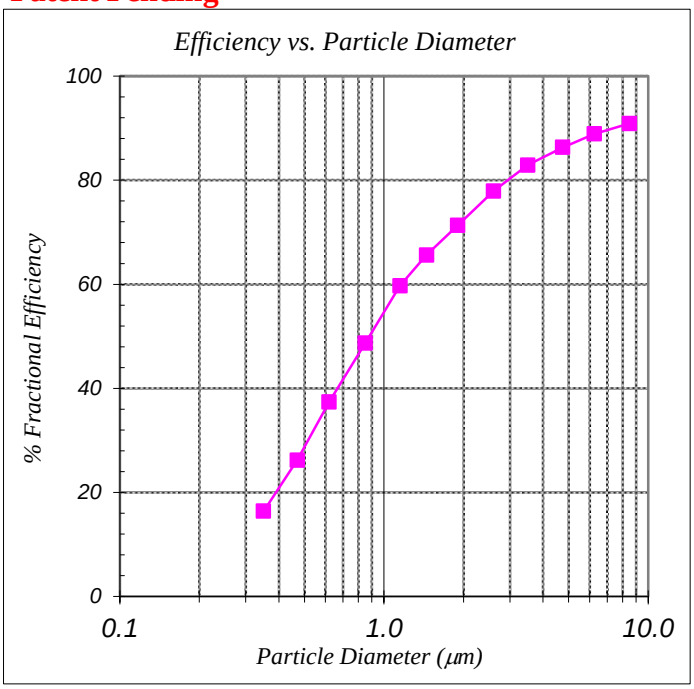
Flow rate (cfm)	DP "H_2O
492	0.031
984	0.080
1476	0.153
1968	0.242
2460	0.354

Size Range (mm)	**Initial** Fractional Efficiency(%)	
0.3-0.4	16.4	
0.4-0.55	26.2	
0.55-0.7	37.4	**E1**
0.7-1.0	48.7	**32.2**
1.0-1.3	59.7	
1.3-1.6	65.6	
1.6-2.2	71.3	**E2**
2.2-3.0	77.9	**68.6**
3.0-4.0	82.9	
4.0-5.5	86.3	
5.5-7.0	88.9	**E3**
7.0-10.0	90.9	**87.3**

Data verified by LMS Calibration filter* Patent Pending

MERV 11





TEST SUPERVISOR
Emile Tadros_____

ENGINEERING APPROVAL
K.C. KWOK, PH.D._____