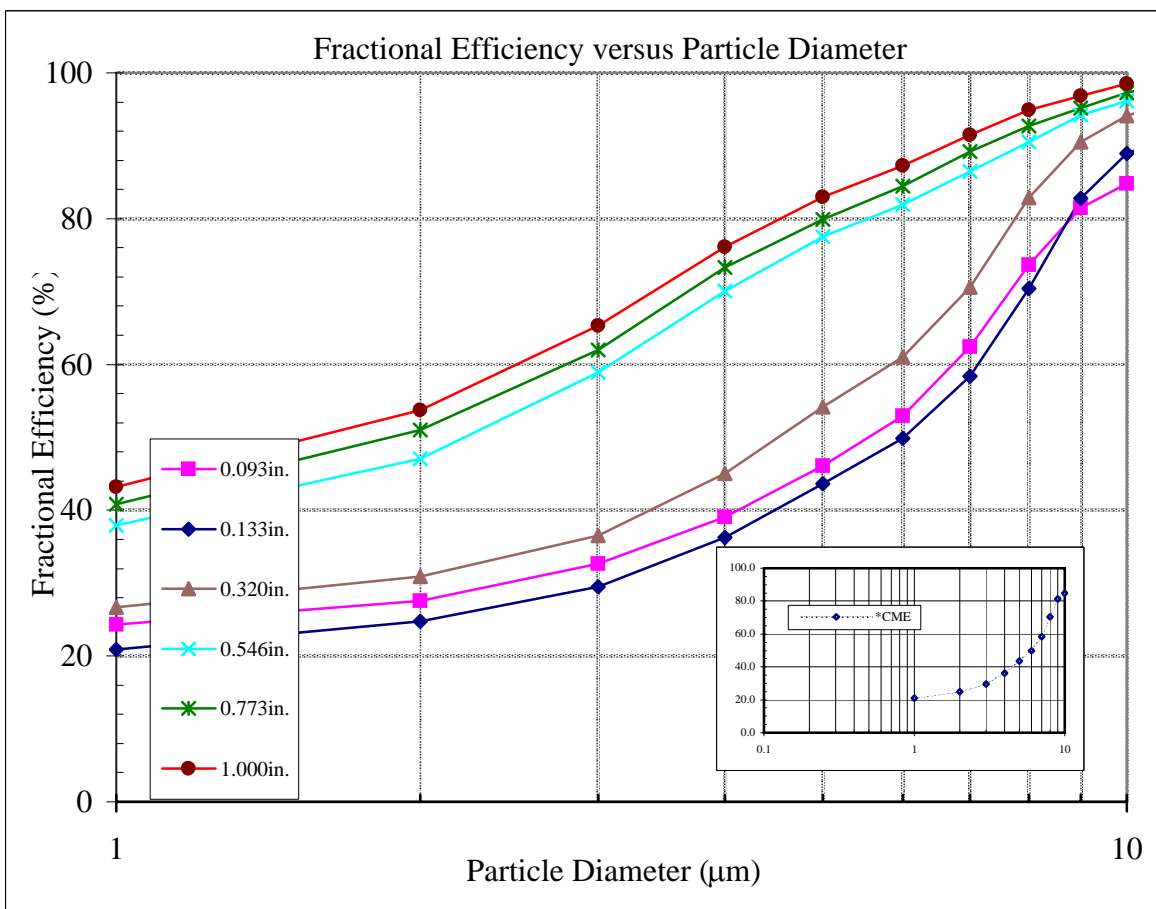


LMS Technologies, Inc.
P.O. Box 24185, Edina, MN 55424
(612) 918-9060, Fax: (612) 918-9061

Date : October 25, 2006	Requested by :
Filter ID : Practical Pleat	Filtration Manufacturing, Inc.
Test Type : 52.2 REP# : 1245	Manufacturer :
Test Aerosol : KCl, Neutralized	Filtration Manufacturing, Inc.

ΔP (" H ₂ O)	0.093in.	0.133in.	0.320in.	0.546in.	0.773in.	1.000in.	*CME
Size Range (μm)	Fractional Efficiency (%)						
0.3-0.4	24.3	20.9	26.7	37.9	40.8	43.2	20.9
0.4-0.55	27.6	24.8	30.9	47.1	51.0	53.7	24.8
0.55-0.7	32.7	29.5	36.5	58.9	62.0	65.3	29.5
0.7-1.0	39.1	36.3	45.0	70.1	73.3	76.1	36.3
1.0-1.3	46.1	43.6	54.2	77.5	79.9	83.0	43.6
1.3-1.6	52.9	49.9	61.0	81.9	84.5	87.3	49.9
1.6-2.2	62.4	58.4	70.6	86.5	89.2	91.5	58.4
2.2-3.0	73.7	70.4	82.9	90.5	92.7	94.9	70.4
3.0-4.0	81.5	82.8	90.5	94.2	95.2	96.8	81.5
4.0-5.5	84.8	88.9	94.1	96.1	97.3	98.5	84.8
5.5-7.0	86.7	91.1	95.8	97.8	98.5	99.3	86.7
7.0-10.0	88.0	92.9	96.9	98.6	99.1	99.8	88.0



TEST SUPERVISOR
MICK FLOM _____

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

LMS Technologies, Inc.
6423 Cecilia Circle, Bloomington, MN 55439
(952) 918-9060, Fax: (952) 918-9061

Date: October 25, 2006 Filter ID : Practical Pleat Test Type : Pressure Drop of Clean Filter for ASHRAE 52.2 REP# : 1245	Requested by : Filtration Manufacturing, Inc. Manufacturer : Filtration Manufacturing, Inc.
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Flow Rate (CFM)	Velocity FPM	dP (mm H2O)	Pressure drop ("H2O)	% of Rated Airflow	Dust fed	Pressure drop
0	0	0.00	0.000	0%	0.00	0.093
295	74	0.31	0.012	25%	26.40	0.133
590	148	0.81	0.032	50%	70.10	0.320
885	221	1.48	0.058	75%	92.10	0.546
1180	295	2.35	0.093	100%	110.10	0.773
1475	369	3.45	0.136	125%	116.30	1.000

52.2P (sec.9.4)

