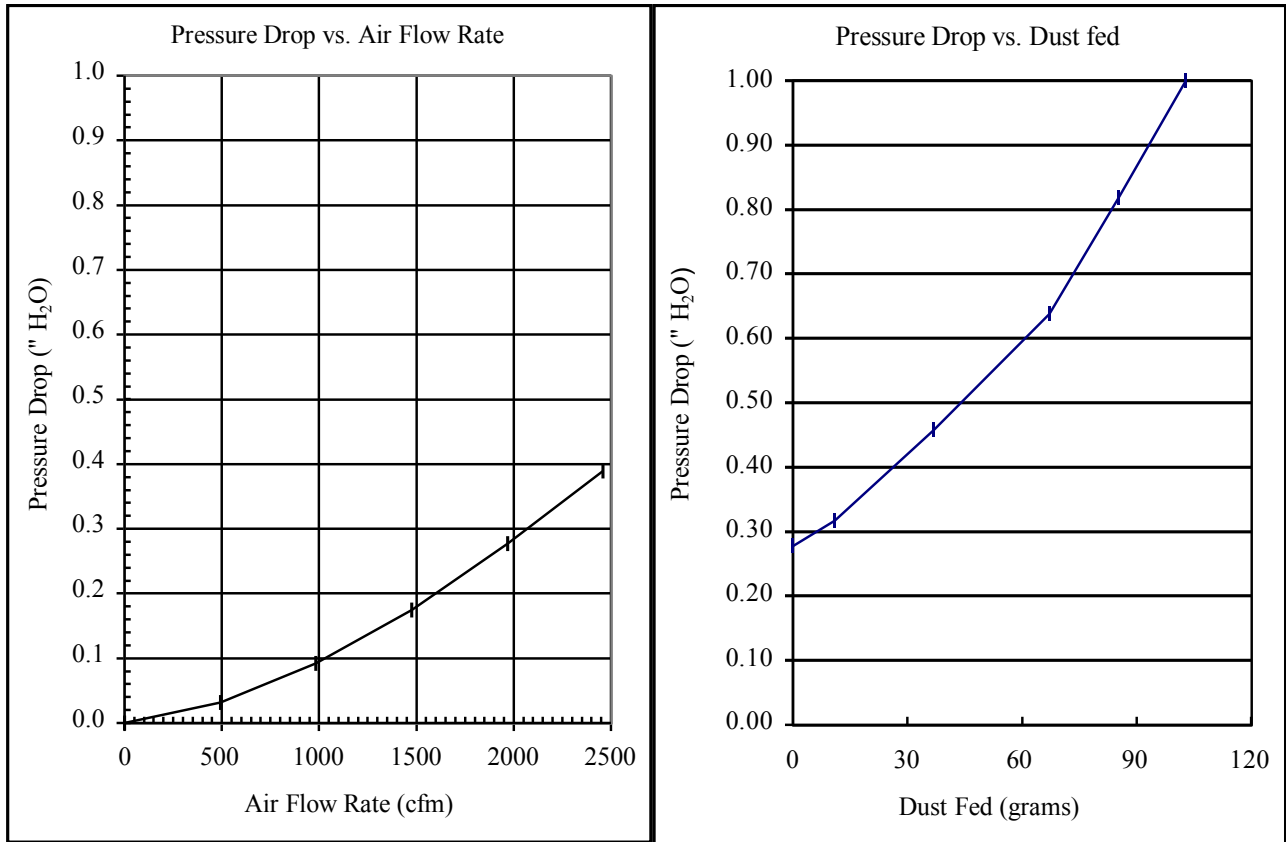


LMS Technologies, Inc.
6423 Cecilia Circle, Bloomington, MN 55439
(952) 918-9060, Fax: (952) 918-9061

Date: December 31, 2002 Filter ID : MERV 8 24x24x2 Test Type : Pressure Drop of Clean Filter for ASHRAE 52.2	
---	--

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	0.277
492	123	0.80	0.031	25%	11.00	0.317
984	246	2.33	0.092	50%	36.90	0.458
1476	369	4.44	0.175	75%	67.20	0.638
1968	492	7.03	0.277	100%	85.40	0.819
2460	615	9.89	0.389	125%	102.90	1.000

52.2P (sec.9.4)



TEST SUPERVISOR
 MICK FLOM _____

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

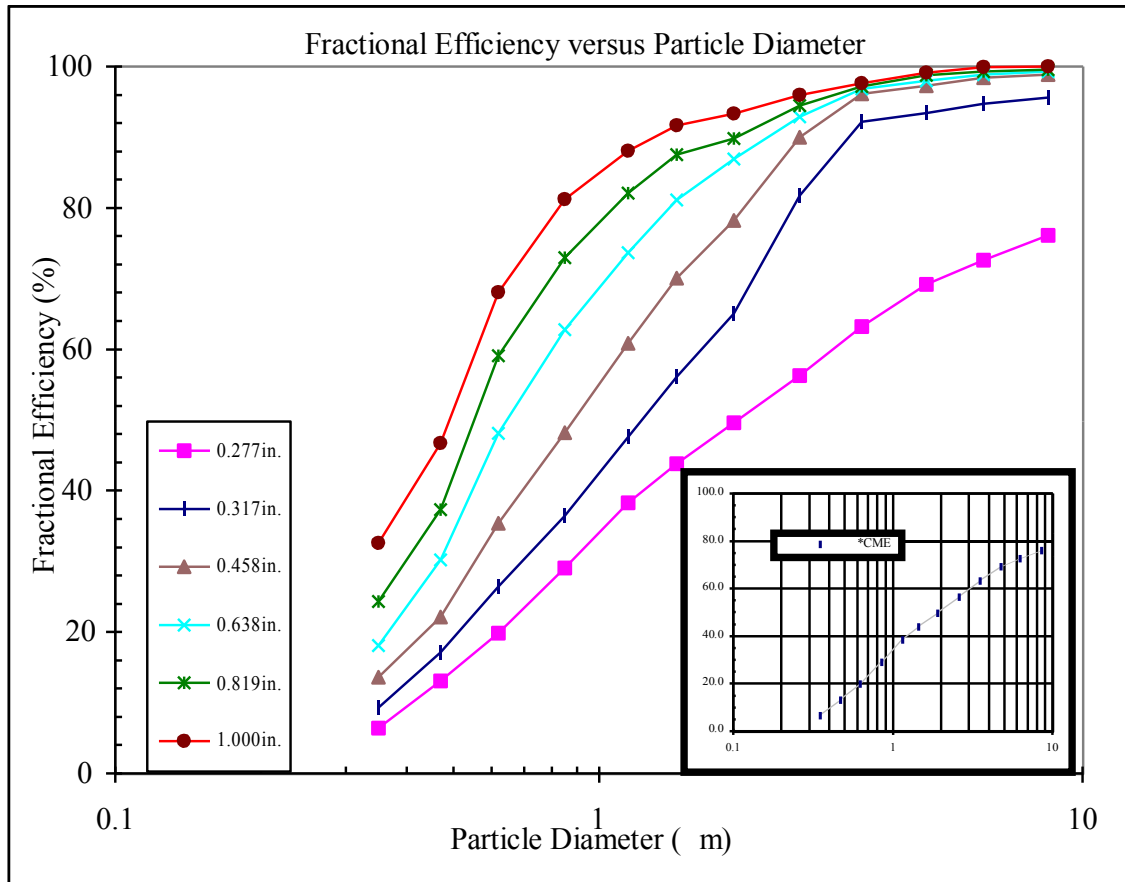
DPI

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

Date :	December 31, 2002
Filter ID :	MERV 8 24x24x2
Test Type :	52.2
Test Aerosol :	KCl, Neutralized

P (" H ₂ O)	0.277in.	0.317in.	0.458in.	0.638in.	0.819in.	1.000in.	*CME
Size Range (m)	Fractional Efficiency (%)						
0.3-0.4	6.4	9.3	13.6	18.1	24.3	32.6	6.4
0.4-0.55	13.1	17.1	22.1	30.2	37.3	46.7	13.1
0.55-0.7	19.8	26.4	35.4	48.1	59.1	68.0	19.8
0.7-1.0	29.1	36.4	48.2	62.8	73.0	81.2	29.1
1.0-1.3	38.3	47.6	60.8	73.7	82.1	88.1	38.3
1.3-1.6	43.8	56.1	70.1	81.1	87.5	91.7	43.8
1.6-2.2	49.6	65.1	78.2	86.9	89.8	93.3	49.6
2.2-3.0	56.3	81.7	90.0	92.9	94.5	96.0	56.3
3.0-4.0	63.2	92.2	96.1	96.8	97.2	97.6	63.2
4.0-5.5	69.2	93.4	97.3	98.0	98.8	99.1	69.2
5.5-7.0	72.6	94.7	98.4	98.9	99.3	99.9	72.6
7.0-10.0	76.1	95.6	98.9	99.3	99.6	100.0	76.1

*Composite Minimum Efficiency



TEST SUPERVISOR
MICK FLOM_____

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