

SFR Series



Ceiling Diffusion Systems for High Quality Paint Finishes



Speritex R/R1 Ceiling Diffusion Media

- 100% Efficiency on 10 micron particles and larger
- Initial Resistance .085" W. G. @ 50 FPM
- Final Resistance 1.8" W.G @ 50 FPM
- F5 Efficiency class according to DIN EN 779
- Classified Class 1 (UL-900)
Max Temperature: 212°F

The SFR Ceiling Diffusion System decreases product reworking by eliminating the micron size particles from the supply air that cause dirt related rejects. The SFR Ceiling Diffusion System can be pre-filtered with the PT Filtration Line. Speritex R-R1 is specifically designed for Crossdraft and Semi-downdraft Spray Painting Booths. All 10-micron dirt particles are grabbed by the R-R1 special fibers ensuring maximum efficiency, extremely high dust holding capacity, low pressure drop and longer life.

High Quality – Cost Effective

All Components UL Listed

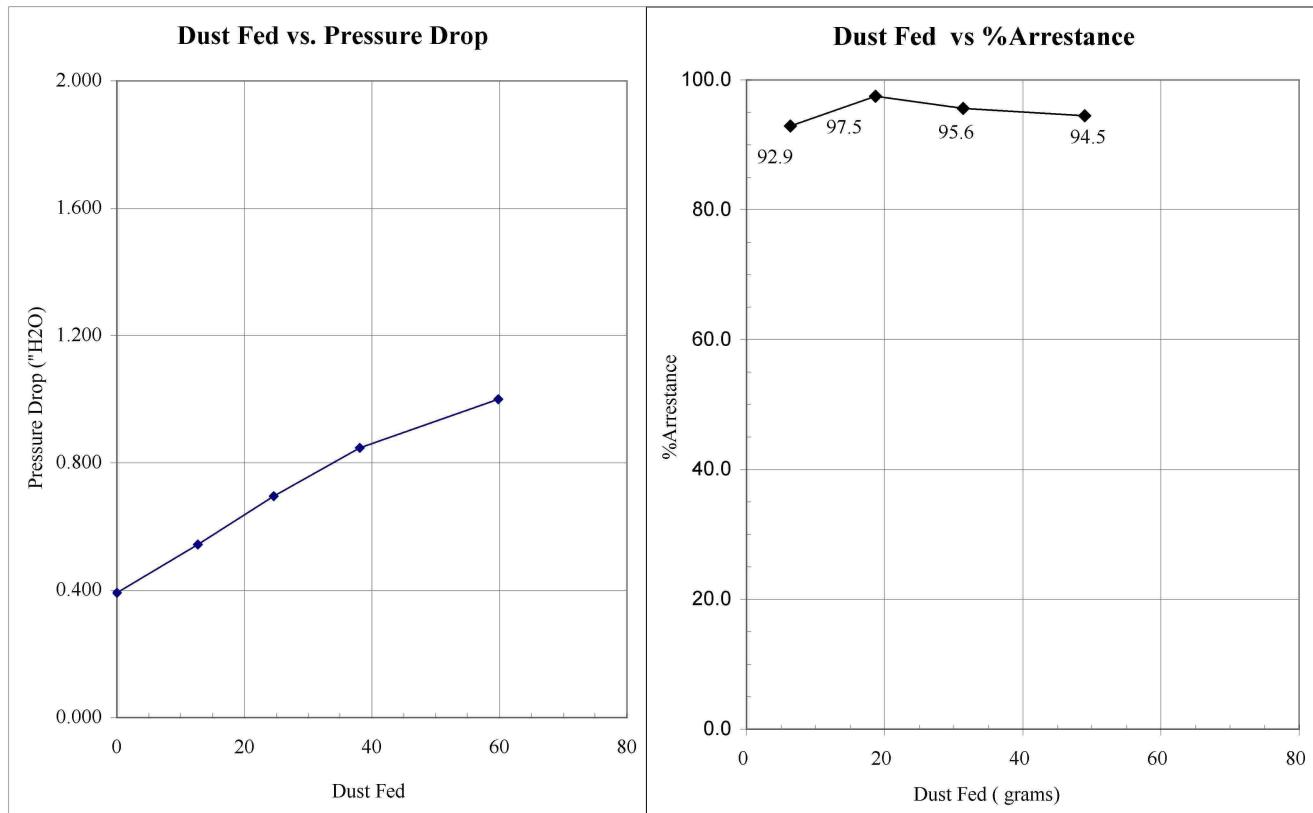
LMS Technologies, Inc.
 6423 Cecilia Circle, Bloomington, MN 55439
 (952) 918-9060, Fax: (952) 918-9061

Date : February 27, 2006
 Sample ID : SFR Panel (R-R1/4MW)
 Test Type : Loading
 Test Aerosol : Ashrae Dust
 Velocity: 120fpm
 Size: 20x20

Test Requested by : A. J. Dralle
 Manufacturer :
 Arrestance: **95.0%**
 Holding Capacity @ 1": **56.8 grams**

| Dust Fed | Pressure Drop ("H ₂ O) |
|----------|-----------------------------------|
| 0.00 | 0.392 |
| 12.7 | 0.544 |
| 24.6 | 0.696 |
| 38.1 | 0.848 |
| 59.8 | 1.000 |
| | |
| | |

| Dust Fed | %Arrestance |
|----------|-------------|
| 6.35 | 92.9 |
| 18.65 | 97.5 |
| 31.35 | 95.6 |
| 48.95 | 94.5 |
| | |
| | |



February 27, 2005

INITIAL 52.2 TEST REPORT
LMS Technologies, Inc.

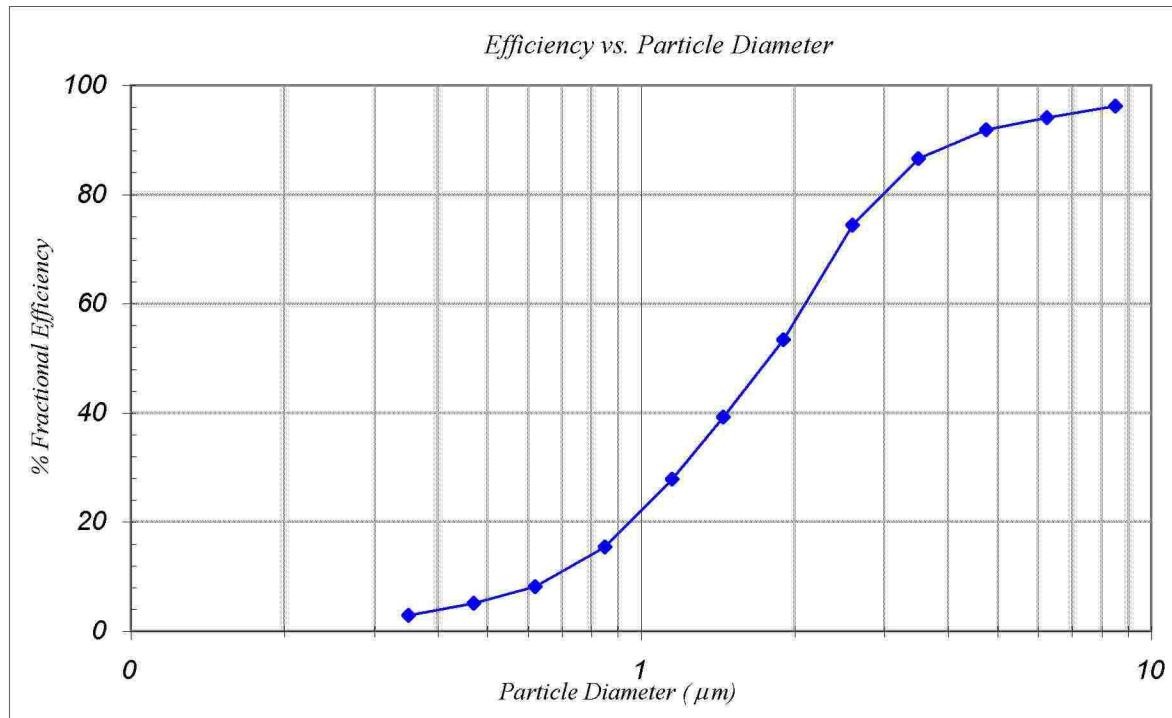
P. O. Box 24185
Edina, Minnesota 55424 U.S.A.

Tel.: (952)-918-9060
Fax: (952) 918-9061

Test Type : Fractional Efficiency
Test Number: T022706A
Flow Rate/Velocity: 120fpm
Test Aerosol: KCl , Neutralized
ΔP ("H₂O): 0.392
Size: 20 x 20

Test Requested By: A.J. Dralle
Filter Mfgr:
Media Mfgr.:
Filter/Media ID # : SFR Panel (R-R1/4MW)

| Size Range(μm) | Initial Fractional Efficiency(%) |
|-----------------------------|----------------------------------|
| 0.3-0.4 | 2.9 |
| 0.4-0.55 | 5.1 |
| 0.55-0.7 | 8.2 |
| 0.7-1.0 | 15.5 |
| 1.0-1.3 | 27.9 |
| 1.3-1.6 | 39.3 |
| 1.6-2.2 | 53.4 |
| 2.2-3.0 | 74.4 |
| 3.0-4.0 | 86.6 |
| 4.0-5.5 | 91.9 |
| 5.5-7.0 | 94.1 |
| 7.0-10.0 | 96.2 |



TEST SUPERVISOR
MICK FLOM _____

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