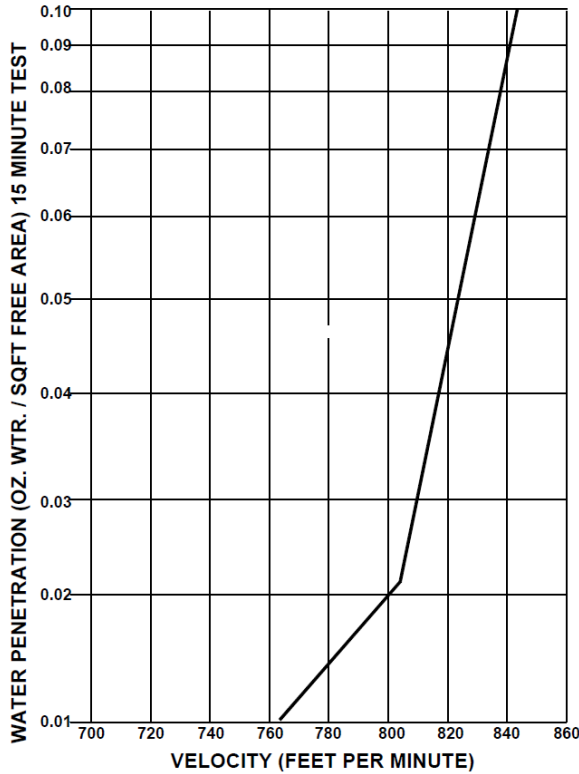




EXTRUDED ALUMINUM LOUVER

Test on a 48"x48' size louver
WATER PENETRATION TEST

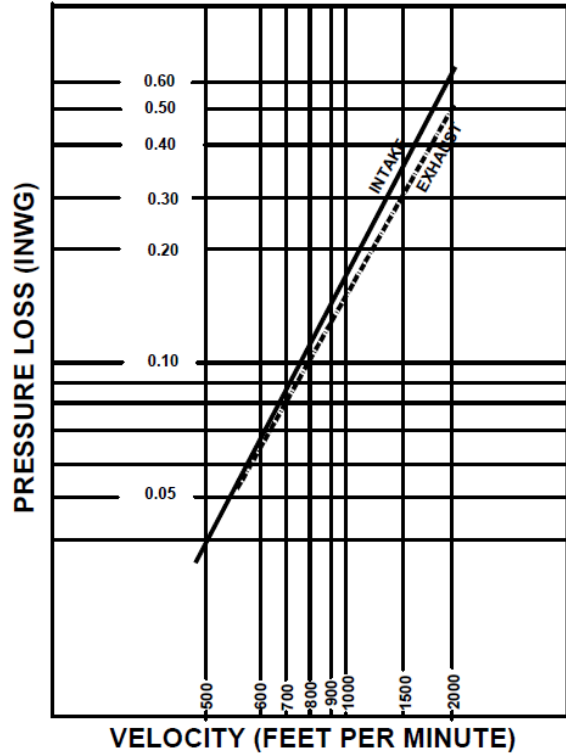


The beginning point of water penetration is 713 FPM @ 0.01 OZ/SQ.FT. of free area.

Performance testing in accordance with AMCA STD 500

MODEL: 4-SRF

AIR RESISTANCE TEST



Louver size determination

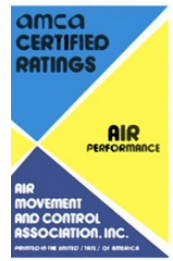
| | | | | | |
|-----------------|-------|---|-------|-----------------|---------------------------|
| air flow volume | cfm / | free area velocity @ beginning point of water penetration | fpm = | ft ² | Required Louver Free Area |
|-----------------|-------|---|-------|-----------------|---------------------------|

Select louver size from Free Area Chart below, based on required louver free area above
Determine pressure drop from Pressure Drop Chart based on required louver free area above

FREE AREA IN SQ. FT.

WIDTH

| | 12" | 18" | 24" | 30" | 36" | 42" | 48" | 54" |
|-----|------|------|------|------|-------|-------|-------|-------|
| 12" | 0.24 | 0.41 | 0.57 | 0.74 | 0.90 | 1.06 | 1.23 | 1.47 |
| 24" | 0.65 | 1.09 | 1.54 | 1.93 | 2.46 | 2.91 | 3.35 | 3.75 |
| 30" | 0.81 | 1.30 | 1.84 | 2.37 | 2.93 | 3.47 | 3.99 | 4.46 |
| 36" | 0.99 | 1.75 | 2.46 | 3.18 | 3.93 | 4.64 | 5.34 | 5.98 |
| 42" | 1.22 | 2.16 | 3.05 | 3.94 | 4.86 | 5.75 | 6.62 | 7.41 |
| 48" | 1.43 | 2.60 | 3.67 | 4.74 | 5.86 | 6.93 | 7.97 | 8.93 |
| 54" | 1.60 | 2.81 | 3.97 | 5.12 | 6.33 | 7.48 | 8.61 | 9.64 |
| 60" | 1.80 | 3.26 | 4.59 | 5.93 | 7.33 | 8.66 | 9.96 | 11.16 |
| 66" | 1.90 | 3.70 | 5.22 | 6.74 | 8.32 | 9.84 | 11.32 | 12.68 |
| 72" | 2.20 | 3.91 | 5.51 | 7.12 | 8.79 | 10.40 | 11.96 | 13.39 |
| 78" | 2.43 | 4.35 | 6.13 | 7.92 | 9.79 | 11.57 | 13.31 | 14.91 |
| 84" | 2.61 | 4.77 | 6.72 | 8.68 | 10.72 | 12.68 | 14.59 | 16.34 |
| 90" | 2.87 | 5.21 | 7.35 | 9.49 | 11.72 | 13.86 | 15.94 | 17.85 |



231 Commerce Dr. Montgomeryville, PA 18936
Tel: 215-412-4445 Fax: 215-412-4409
Email: lloydind@firedamper.com

138 Industrial Loop West, Orange Park, FL 32073
Tel: 904-541-1655 Fax: 904-541-1657
Email: lloydind1@bellsouth.net

B1, 4/F., Luen Ming Hing Factory Building
36 Mok Cheong St.,
To Kwa Wan, Kowloon, H. K.
Tel: 852-2760-4188 Fax: 852-2760-4177
Email: tatanlexyim@lloydasia.com

