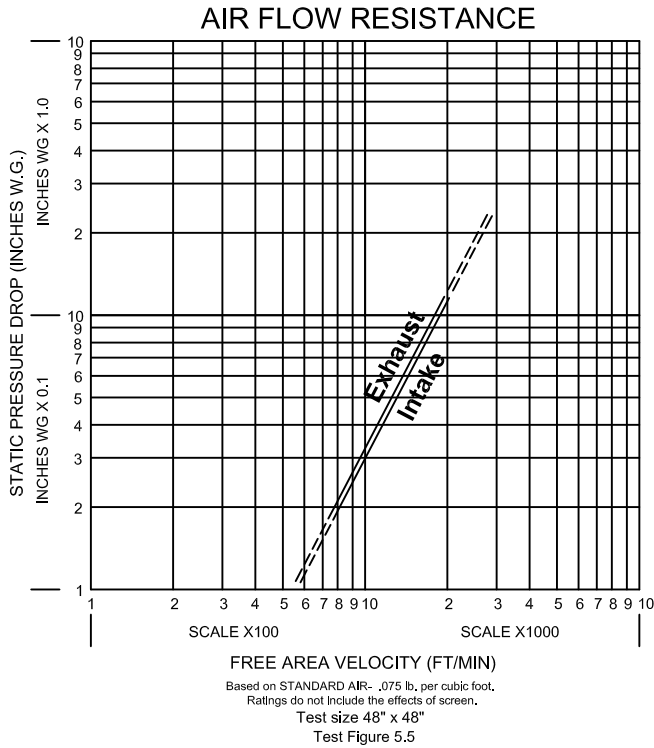


Model D-HV-9 Louver Performance Data



D-HV-9 Specifications

Furnish and install louver as hereinafter specified where shown on plans or as described in schedules. Louver shall be stationary type with horizontal rain resistant style blades positioned on approximately 1.5" centers, in front of vertical wind driven rain blades placed on approximately 1.5" centers, both within a 9.17" deep frame. Horizontal louver frame material to be 0.125" thick 6063-T5 extruded aluminum, and horizontal louver blade material to be .081" thick 6063-T5 extruded aluminum. Vertical louver frame material to be .081" thick 6063-T5 extruded aluminum, and vertical louver blade material to be 0.07" thick 6063-T5 extruded aluminum. Sections up to maximum of 72"w x 120"h shall withstand wind loading of +/-150 lbs/sq.ft.. Louver shall meet the performance requirements established by the AMCA 500L test procedure and shall be licensed to bear the AMCA certified rating seal for air performance. Louver shall have a minimum free area of 7.53 sq. ft. based on the standard 48"w x 48"h test specimen. Louver shall have a maximum static pressure drop of 0.72"(exhaust) & 0.75"(intake) water gage based on 1000 FPM free area intake velocity. Louver shall be AMCA listed for AMCA 550 High Velocity Rain Resistance and AMCA 540 Impact resistance (Basic Protection).

| Louver Height Inches | D-HV-9 FREE AREA IN SQ. FT. | | | | | | | | | | Louver Height Inches | |
|----------------------|-----------------------------|------|-------|-------|-------|-------|-------------|-------|-------|-------|----------------------|-----|
| | Width - Inches | | | | | | | | | | | |
| | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | |
| 12 | 0.30 | 0.55 | 0.76 | 0.96 | 1.17 | 1.38 | 1.59 | 1.80 | 2.01 | 2.21 | 2.42 | 12 |
| 18 | 0.59 | 0.95 | 1.32 | 1.68 | 2.05 | 2.41 | 2.77 | 3.14 | 3.50 | 3.86 | 4.23 | 18 |
| 24 | 0.75 | 1.21 | 1.68 | 2.14 | 2.60 | 3.06 | 3.52 | 3.99 | 4.45 | 4.91 | 5.37 | 24 |
| 30 | 0.99 | 1.61 | 2.22 | 2.83 | 3.44 | 4.06 | 4.67 | 5.28 | 5.89 | 6.51 | 7.12 | 30 |
| 36 | 1.22 | 1.97 | 2.73 | 3.48 | 4.23 | 4.98 | 5.73 | 6.49 | 7.24 | 7.99 | 8.74 | 36 |
| 42 | 1.47 | 2.38 | 3.29 | 4.20 | 5.10 | 6.01 | 6.92 | 7.83 | 8.73 | 9.64 | 10.55 | 42 |
| 48 | 1.60 | 2.59 | 3.58 | 4.57 | 5.55 | 6.54 | 7.53 | 8.51 | 9.50 | 10.49 | 11.47 | 48 |
| 54 | 1.94 | 3.13 | 4.32 | 5.51 | 6.71 | 7.90 | 9.09 | 10.28 | 11.48 | 12.67 | 13.86 | 54 |
| 60 | 2.16 | 3.50 | 4.83 | 6.16 | 7.49 | 8.83 | 10.16 | 11.49 | 12.82 | 14.15 | 15.49 | 60 |
| 66 | 2.42 | 3.90 | 5.39 | 6.88 | 8.37 | 9.85 | 11.34 | 12.83 | 14.32 | 15.80 | 17.29 | 66 |
| 72 | 2.64 | 4.26 | 5.88 | 7.50 | 9.12 | 10.75 | 12.37 | 13.99 | 15.61 | 17.23 | 18.86 | 72 |
| 78 | 2.88 | 4.65 | 6.42 | 8.20 | 9.97 | 11.74 | 13.51 | 15.29 | 17.06 | 18.83 | 20.60 | 78 |
| 84 | 3.11 | 5.02 | 6.93 | 8.84 | 10.76 | 12.67 | 14.58 | 16.49 | 18.40 | 20.32 | 22.23 | 84 |
| 90 | 3.36 | 5.43 | 7.49 | 9.56 | 11.63 | 13.70 | 15.76 | 17.83 | 19.90 | 21.97 | 24.03 | 90 |
| 96 | 3.58 | 5.78 | 7.98 | 10.18 | 12.39 | 14.59 | 16.79 | 18.99 | 21.20 | 23.40 | 25.60 | 96 |
| 102 | 3.82 | 6.17 | 8.53 | 10.88 | 13.23 | 15.58 | 17.94 | 20.29 | 22.64 | 24.99 | 27.35 | 102 |
| 108 | 4.05 | 6.54 | 9.03 | 11.53 | 14.02 | 16.51 | 19.00 | 21.49 | 23.99 | 26.48 | 28.97 | 108 |
| 114 | 4.30 | 6.95 | 9.60 | 12.24 | 14.89 | 17.54 | 20.19 | 22.83 | 25.48 | 28.13 | 30.78 | 114 |
| 120 | 4.52 | 7.30 | 10.09 | 12.87 | 15.65 | 18.43 | 21.21 | 24.00 | 26.78 | 29.56 | 32.34 | 120 |



United Enertech certifies that the D-HV-9 shown herein is approved to bear the AMCA Listing Label. The ratings shown are based on tests and procedures performed in accordance with AMCA Publications and comply with the requirements of the AMCA Listing Label Program. The AMCA Listed Label applies to Wind Borne Debris Impact Resistant Louvers and High Velocity Rain Resistant Louvers



United Enertech Corporation certifies that the D-HV-9 is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Rating Seal applies to air performance ratings.