

HORIZONTAL SECTION



**ALUMINUM LOUVER
XT-635V XTF-635V**

STANDARD SPECIFICATIONS

- CONST. - 6063-TS EXTRUDED ALUMINUM. WELDED ASSEMBLY
- FRAME - 6" X 1" X .081", (152.4MM X 25.4MM X 2.1MM) CHANNEL, SIDE DRAIN CHANNELS, 5° SLOPED SILL, BUTT CORNERS
- BLADES - 6" X .081" (152.4MM X 2.1MM), EXTRUDED ALUMINUM SET AT 35° 4.5" (114.3MM) BLADE SPACING, TYPE "V" CARRIES WATER TO SIDE DRAIN CHANNELS, SUPPORTS AT 72" (1828.8MM) W CENTERS
- SCREEN - .75" X .75" (19.1MM X 19.1MM) X 18 GA. GALVANIZED, SCREW FASTENED
- FINISH - MILL ALUMINUM
- SIZE - MINIMUM 12" X 16" (304.8MM X 406.4MM)
MAXIMUM SECTION WIDTH 72" (1828.8MM)
MAXIMUM SECTION HEIGHT 144" (3657.6MM)
MAXIMUM SECTION SIZE 72 SQ. FT.

OPTIONS

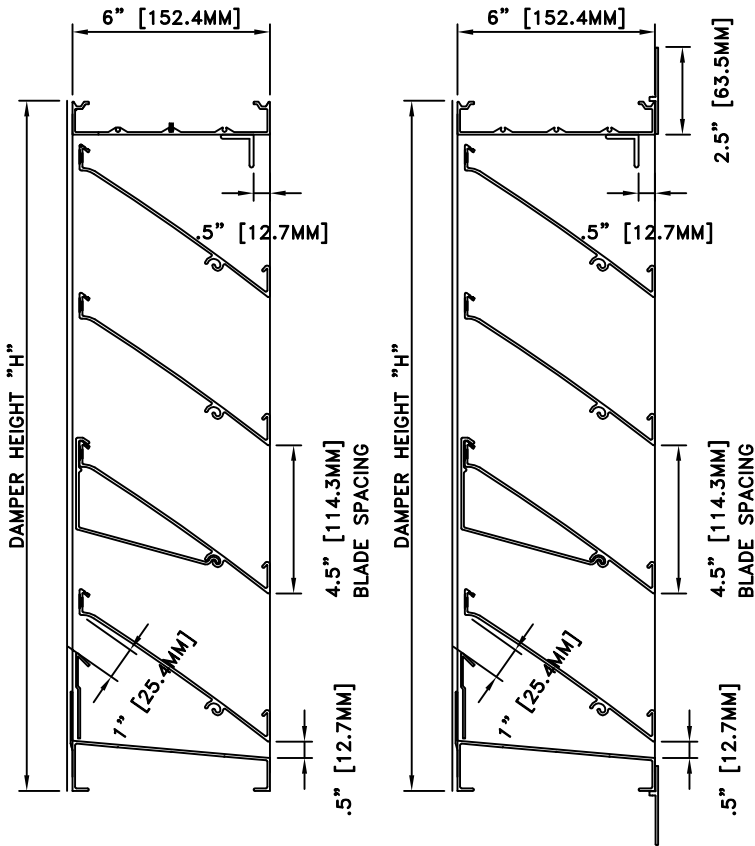
- CONST. - HEAVIER GAUGES, CONTINUOUS BLADES, TRIANGULAR SHAPES
- FRAME - XTF-ADD FLANGE FRAME 1.5" (38.1MM) USING A 2.5" X .081" (63.5MM X 2.1MM) T-BAR
- SCREEN - AS PER REQUEST
- FINISH - BAKED ENAMEL, ANODIZED & OTHERS

TECHNICAL NOTES

- MAX. REC. INTAKE VEL. - 1240 FPM THROUGH FREE AREA
- SHIPPING WEIGHT - APPROX. 6 LBS./SQ. FT.

LOUVERS ARE MANUFACTURED .5" (12.7MM) SMALLER THAN ORDERED SIZE UNLESS EXACT DIMENSIONS ARE STATED

* FOR MORE INFORMATION, CONTACT OUR FACTORY *



**XT-635V
VERTICAL SECTION**

**XTF-635V
VERTICAL SECTION**

NOTES

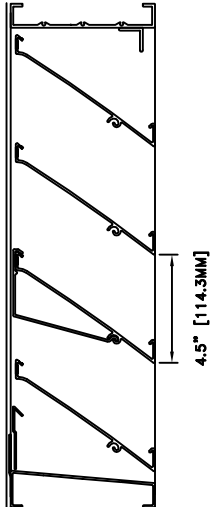
APPROVAL

DATE:
PROJECT:
ENGINEER:
CUSTOMER:
DISTRIBUTOR:

XT-635V-1-D



ALUMINUM LOUVER XT-635V

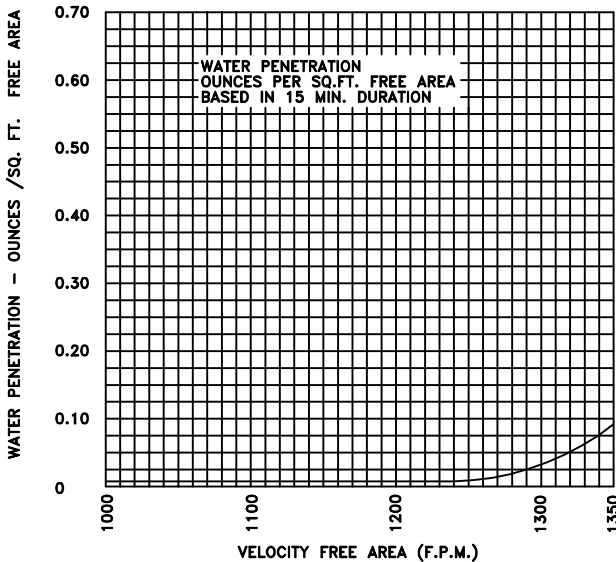


TEST CONDITIONS:
A 48" X 48" LOUVER WAS USED FOR THE TEST AT STANDARD AND OPERATING TEMPERATURE RANGE OF 65°F - 85°F, AND 15 MINUTES TEST DURATION WATER PENETRATION

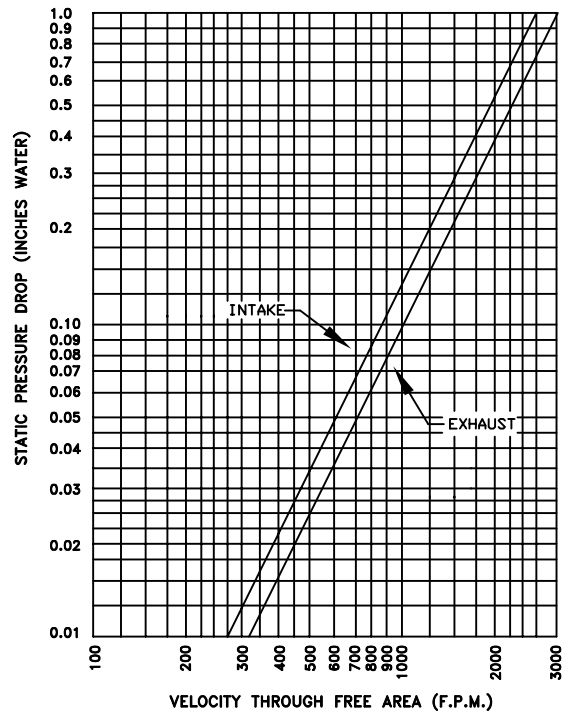
| | | WIDTH (INCHES) | | | | | | | | | | |
|-----|------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| | | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 |
| 12 | 0.30 | 0.47 | 0.65 | 0.83 | 1.00 | 1.18 | 1.36 | 1.53 | 1.71 | 1.89 | 2.07 | |
| 16 | 0.48 | 0.77 | 1.05 | 1.34 | 1.63 | 1.92 | 2.20 | 2.49 | 2.78 | 3.06 | 3.35 | |
| 20 | 0.62 | 1.00 | 1.37 | 1.75 | 2.12 | 2.50 | 2.87 | 3.25 | 3.62 | 4.00 | 4.37 | |
| 24 | 0.81 | 1.29 | 1.78 | 2.26 | 2.75 | 3.23 | 3.72 | 4.20 | 4.68 | 5.17 | 5.66 | |
| 28 | 0.99 | 1.59 | 2.18 | 2.78 | 3.37 | 3.97 | 4.56 | 5.16 | 5.75 | 6.35 | 6.95 | |
| 32 | 1.18 | 1.88 | 2.59 | 3.29 | 4.00 | 4.70 | 5.41 | 6.12 | 6.83 | 7.53 | 8.23 | |
| 36 | 1.36 | 2.18 | 2.99 | 3.81 | 4.62 | 5.44 | 6.26 | 7.07 | 7.89 | 8.70 | 9.52 | |
| 40 | 1.54 | 2.47 | 3.40 | 4.32 | 5.25 | 6.18 | 7.10 | 8.03 | 8.95 | 9.88 | 10.81 | |
| 44 | 1.73 | 2.76 | 3.80 | 4.84 | 5.87 | 6.91 | 7.95 | 8.96 | 10.02 | 11.06 | 12.09 | |
| 48 | 1.87 | 3.00 | 4.12 | 5.25 | 6.37 | 7.49 | 8.62 | 9.74 | 10.87 | 11.99 | 13.11 | |
| 52 | 2.06 | 3.29 | 4.53 | 5.76 | 6.99 | 8.23 | 9.46 | 10.70 | 11.93 | 13.17 | 14.40 | |
| 56 | 2.24 | 3.59 | 4.93 | 6.28 | 7.62 | 8.96 | 10.31 | 11.65 | 13.00 | 14.34 | 15.69 | |
| 60 | 2.43 | 3.88 | 5.34 | 6.76 | 8.25 | 9.70 | 11.16 | 12.61 | 14.07 | 15.52 | 16.96 | |
| 64 | 2.61 | 4.17 | 5.74 | 7.30 | 8.87 | 10.44 | 12.00 | 13.57 | 15.13 | 16.70 | 18.26 | |
| 68 | 2.79 | 4.47 | 6.14 | 7.82 | 9.50 | 11.17 | 12.85 | 14.52 | 16.20 | 17.87 | 19.55 | |
| 72 | 2.96 | 4.76 | 6.55 | 8.33 | 10.12 | 11.91 | 13.89 | 15.48 | 17.26 | 19.05 | 22.85 | |
| 76 | 3.12 | 5.00 | 6.87 | 8.74 | 10.62 | 12.49 | 14.36 | 16.24 | 18.11 | 19.98 | 21.86 | |
| 80 | 3.31 | 5.29 | 7.27 | 9.26 | 11.24 | 13.22 | 15.21 | 17.19 | 19.18 | 21.16 | 23.14 | |
| 84 | 3.49 | 5.58 | 7.68 | 9.77 | 11.78 | 13.96 | 16.05 | 18.15 | 20.24 | 22.34 | 24.43 | |
| 88 | 3.67 | 5.88 | 8.08 | 10.29 | 12.49 | 14.70 | 16.90 | 19.10 | 21.31 | 23.51 | 25.72 | |
| 92 | 3.86 | 6.17 | 8.49 | 10.80 | 13.12 | 15.43 | 17.75 | 20.06 | 22.38 | 24.69 | 27.00 | |
| 96 | 4.04 | 6.47 | 8.89 | 11.32 | 13.74 | 16.17 | 18.59 | 21.02 | 23.44 | 25.87 | 28.29 | |
| 100 | 4.23 | 6.76 | 9.30 | 11.83 | 14.37 | 16.90 | 19.44 | 21.97 | 25.51 | 27.04 | 29.58 | |
| 104 | 4.37 | 6.99 | 9.62 | 12.24 | 14.83 | 17.48 | 20.11 | 22.73 | 25.35 | 27.98 | 30.60 | |
| 108 | 4.56 | 7.29 | 10.02 | 12.75 | 15.49 | 18.22 | 20.95 | 23.69 | 26.42 | 29.15 | 31.89 | |
| 112 | 4.74 | 7.58 | 10.43 | 13.27 | 16.11 | 19.04 | 21.80 | 24.64 | 27.49 | 30.33 | 33.17 | |
| 116 | 4.92 | 7.88 | 10.83 | 13.78 | 16.74 | 19.87 | 22.64 | 25.60 | 28.55 | 31.51 | 34.46 | |
| 120 | 5.11 | 8.17 | 11.23 | 14.30 | 17.36 | 20.71 | 23.49 | 26.55 | 29.62 | 32.68 | 35.75 | |
| 124 | 5.29 | 8.46 | 11.64 | 14.81 | 17.99 | 21.49 | 24.34 | 27.51 | 30.69 | 33.86 | 37.00 | |
| 128 | 5.47 | 8.76 | 12.04 | 15.33 | 18.61 | 22.25 | 25.13 | 28.47 | 31.75 | 35.04 | 38.32 | |
| 132 | 5.62 | 8.99 | 12.36 | 15.74 | 19.11 | 22.96 | 25.85 | 29.22 | 32.60 | 35.97 | 39.34 | |
| 136 | 5.80 | 9.29 | 12.77 | 16.25 | 19.73 | 23.70 | 26.70 | 30.18 | 33.66 | 37.14 | 40.63 | |
| 140 | 5.99 | 9.58 | 13.17 | 16.77 | 20.36 | 24.54 | 27.54 | 31.14 | 34.73 | 38.32 | 41.91 | |
| 144 | 6.17 | 9.87 | 13.58 | 17.28 | 20.96 | 25.39 | 28.39 | 32.09 | 35.80 | 39.50 | 43.20 | |

HEIGHT (INCHES)

FREE AREA TABLE (SQ. FT.)
RATING INCLUDES THE EFFECT OF A BIRDSCREEN



WATER PENETRATION GRAPH
1240 F.P.M. BEGINNING OF WATER PENETRATION
(14.09 MPH WIND)



AIR PERFORMANCE GRAPH

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XT-635-V2