

Extruded Aluminum Louver

EL82

4" Deep • Inverted "Y" Vertical Blade • Stationary Louver

STANDARD CONSTRUCTION

- FRAME:** .081" thick; 6063-T6/T52 extruded aluminum alloy
- BLADES:** .081" thick; 6063-T6/T52 extruded aluminum alloy
- ASSEMBLY:** Mechanically fastened
- SCREEN:** 1/2" x .051" flattened aluminum birdscreen
- FINISH:** Mill

OPTIONS

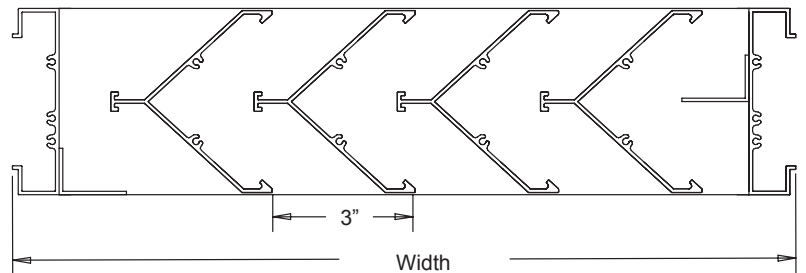
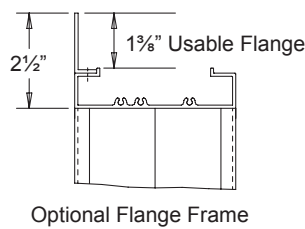
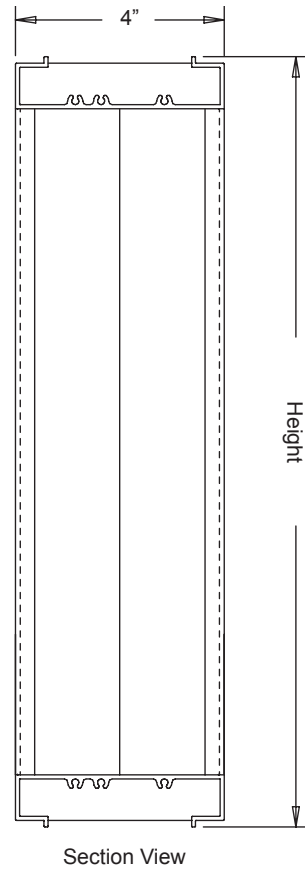
- Finish - Baked Enamel, Kynar, or Anodize
- Variety of Bird and Insect Screen
- 1 3/8" Usable Flange Frame
- Welded Construction
- Blank-off Panels

NOTES

1. "A" width and "B" height are opening dimensions. Louvers are provided approximately 1/2" undercut.
2. Shipping weight approximately 3.8 lbs./sq.ft.

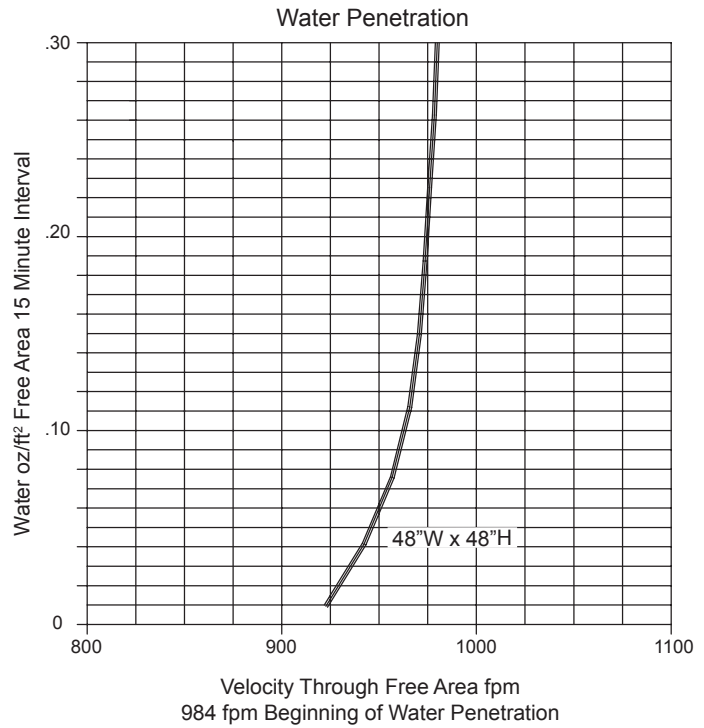
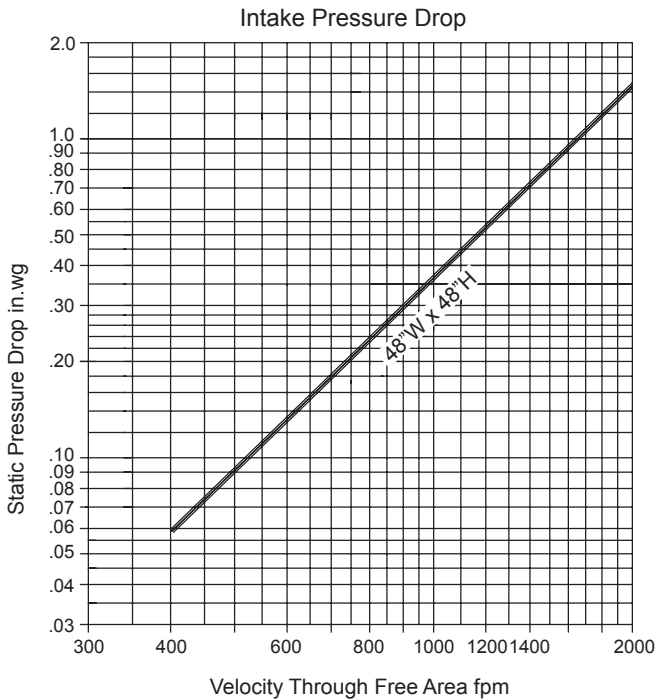
LOUVER SIZE

| Panels | Min Panel | Max Single Panel |
|--------|-------------|------------------|
| EL82 | 12"W x 12"H | 96"W x 60"H |



Water Penetration: 900 fpm recommended maximum free area velocity
 Pressure Drop: 0.36 in.wg at 1000 fpm and 5980 scfm
 Free Area: 5.98 sq.ft. = 37.3% for 48"W x 48"H test size

Ratings do not include the effect of a birdscreen.



Free Area sq.ft.

| | | Width | | | | | | | | |
|--------|-----|-------|------|------|------|------|-------|-------|-------|-------|
| | | 12" | 18" | 24" | 30" | 36" | 42" | 48" | 54" | 60" |
| Height | 12" | 0.26 | 0.39 | 0.52 | 0.65 | 0.77 | 0.90 | 1.03 | 1.16 | 1.29 |
| | 24" | 0.67 | 1.01 | 1.34 | 1.68 | 2.01 | 2.35 | 2.68 | 3.02 | 3.35 |
| | 36" | 1.08 | 1.62 | 2.17 | 2.71 | 3.25 | 3.79 | 4.33 | 4.87 | 5.41 |
| | 48" | 1.50 | 2.24 | 2.99 | 3.74 | 4.49 | 5.23 | 5.98 | 6.73 | 7.48 |
| | 60" | 1.91 | 2.86 | 3.81 | 4.77 | 5.72 | 6.68 | 7.63 | 8.58 | 9.54 |
| | 72" | 2.32 | 3.48 | 4.64 | 5.80 | 6.96 | 8.12 | 9.28 | 10.44 | 11.60 |
| | 84" | 2.73 | 4.10 | 5.46 | 6.83 | 8.20 | 9.56 | 10.93 | 12.29 | 13.66 |
| | 96" | 3.14 | 4.72 | 6.29 | 7.86 | 9.43 | 11.00 | 12.58 | 14.15 | 15.72 |