

MODEL A500

5" Deep • Chevron Drainable Blade • Extruded Aluminum Louver

STANDARD MATERIALS AND CONSTRUCTION

- FRAME:** .081" thick nominal 6063-T6/T52 extruded aluminum alloy
- BLADES:** .060" thick; 6063-T6/T52 extruded aluminum alloy
- ASSEMBLY:** Mechanically fastened
- SCREEN:** 1/2" x .051" flattened aluminum birdscreen
- FINISH:** Mill

OPTIONS

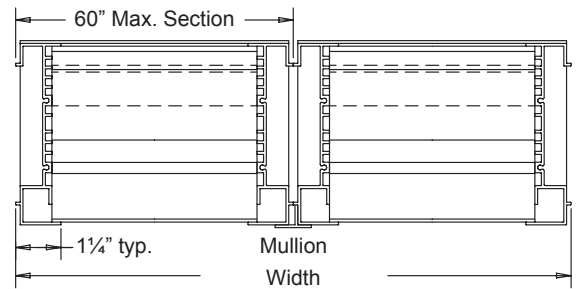
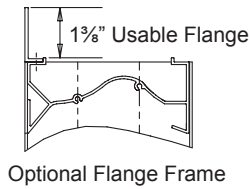
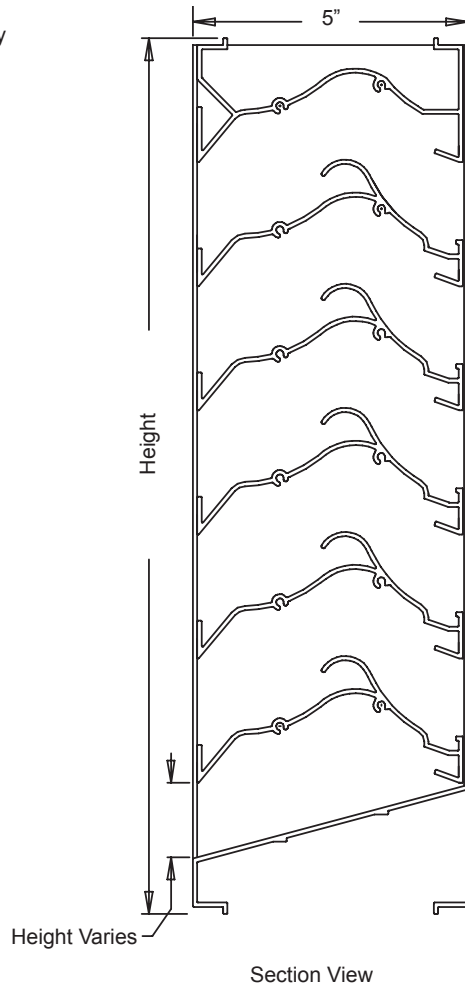
- Finish - Baked Enamel, Kynar, or Anodize
- Variety of Bird and Insect Screen
- 1 3/8" Usable Flange Frame
- Welded Construction
- Blank-off Panels

NOTES

1. "A" width and "B" height are opening dimensions. Louvers are provided approximately 1/2" undercut.
2. Shipping weight approximately 5.5 lbs./sq.ft.

LOUVER SIZES

| Panels | Min Panel | Max Single Panel |
|--------|-------------|------------------|
| A500 | 12"W x 12"H | 40 sq.ft. |



air balance

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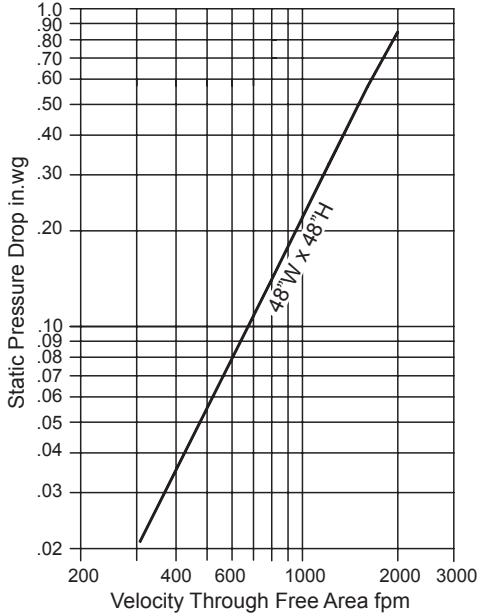
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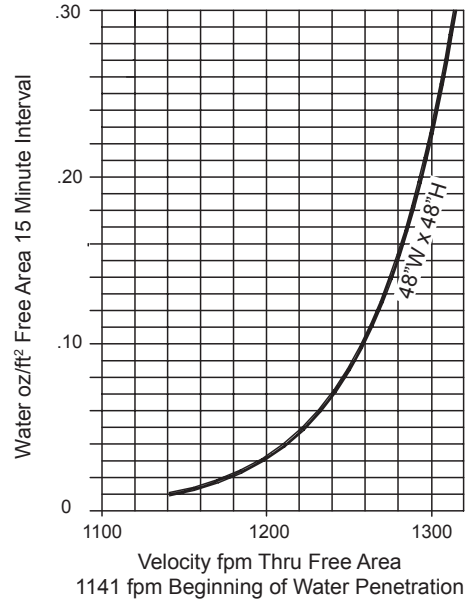
Water Penetration: 0.208 in.wg at 1100 fpm maximum free area velocity
 Pressure Drop: 0.3 in.wg at 1141 fpm and 8820 scfm
 Free Area: 7.73 sq.ft. = 48.3% for 48"W x 48"H test size

Ratings do not included the effect of birdscreen.

Intake Pressure Drop



Water Penetration



Free Area sq.ft

| | | Width | | | | | | | | | |
|--------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 12" | 24" | 36" | 48" | 60" | 72" | 84" | 96" | 108" | 120" |
| Height | 12" | 0.26 | 0.59 | 0.92 | 1.25 | 1.58 | 1.90 | 2.23 | 2.56 | 2.89 | 3.22 |
| | 24" | 0.68 | 1.55 | 2.41 | 3.27 | 4.14 | 5.00 | 5.86 | 6.73 | 7.59 | 8.46 |
| | 36" | 1.11 | 2.50 | 3.90 | 5.30 | 6.70 | 8.10 | 9.50 | 10.89 | 12.29 | 13.69 |
| | 48" | 1.61 | 3.65 | 5.69 | 7.73 | 9.77 | 11.81 | 13.85 | 15.89 | 17.93 | 19.97 |
| | 60" | 2.04 | 4.61 | 7.19 | 9.76 | 12.33 | 14.91 | 17.48 | 20.06 | 22.63 | 25.21 |
| | 72" | 2.46 | 5.57 | 8.68 | 11.79 | 14.90 | 18.00 | 21.11 | 24.22 | 27.33 | 30.44 |
| | 84" | 2.97 | 6.72 | 10.47 | 14.22 | 17.97 | 21.72 | 25.47 | 29.22 | 32.97 | 36.72 |
| | 96" | 3.39 | 7.68 | 11.96 | 16.25 | 20.53 | 24.82 | 29.10 | 33.39 | 37.67 | 41.96 |
| | 108" | 3.82 | 8.63 | 13.45 | 18.27 | 23.09 | 27.91 | 32.73 | 37.55 | 42.37 | 47.19 |
| | 120" | 4.32 | 9.78 | 15.25 | 20.71 | 26.17 | 31.63 | 37.09 | 42.55 | 48.01 | 53.47 |



Air Balance certifies that the Model A500 shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with the AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified ratings seal applies to Air Performance Ratings and Water Penetration Ratings.

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