### XP500S FEMA LOUVER
**CHEVRON BLADE FEMA 361 GRILLE**

#### STANDARD CONSTRUCTION

**FRAME**
1" x 8" x 4" (25 x 203 x 102) channel 1/4" (6) Thick Hot Rolled Steel.

**BLADES**
3" x 3" x 1/4" (75 x 75 x 6) Thick Chevron Style Hot Rolled Steel.

**BIRD SCREEN**
5/8" x .040" (16 x 1.) expanded flattened aluminum bird screen in removable frame. Screen adds approximately 1/2" (13) to louver depth.

**FINISH**
Mill.

**MINIMUM SIZE**
12"w x 12"h (305 x 305).

**APPROXIMATE SHIPPING WEIGHT**
40 lbs. per sq. ft. (193.5 kg/m²)

**MAXIMUM SHIPPING SECTION SIZE**
80"w x 60"h or 60"w x 80"h (2032 x 1524 or 1524 x 2032).

**MAXIMUM OVERALL ASSEMBLY SIZE**
Unlimited width x one section tall.

#### FEATURES
- Louver complies with FEMA 361 Design and Construction for Community Shelters, Zone IV criteria, 250 MPH wind, 15 lb. 2x4 impact at 100 mph.
- Louver design to withstand 266 psf.
- Louver mounted externally in combination with wall louver or by itself internally (See attached).
- 53% Free Area.
- Powder Coat Finish.

Dimensions in inches, parenthesis (    ) indicate millimeters.

*Units furnished 1/4" (6) smaller than given opening.

<table>
<thead>
<tr>
<th>TAG</th>
<th>QTY.</th>
<th>SIZE</th>
<th>VARIATIONS</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>A*-WIDE</td>
<td>B*-HIGH</td>
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<tr>
<th>PROJECT Location</th>
<th>ARCH./ENGR. CONTRACTOR</th>
<th>REPRESENTATIVE DATE</th>
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Spec XP500S-1014|Replaces XP500S-312

ALL STATED SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE OR OBLIGATION.
WATER PENETRATION

Test size 48" w x 48" h (1219 x 1219)
Beginning point of water penetration
at .01 oz./sq. ft. is 652 fpm (199 m/min).

Ruskin Manufacturing Company certifies
that the XP500 Louvers shown herein are
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
Ratings Seal applies to air performance
ratings and water penetration ratings
only.
### CONSTRUCTION INFORMATION

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>ANCHOR TYPE</th>
<th>SPACING</th>
<th>EMBEDMENT</th>
<th>EDGE DISTANCE</th>
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<tbody>
<tr>
<td>CMU, Grout filled 1500 Min. PSI</td>
<td>3/4&quot; (19) DIA Hilti Kwik Bolt III Expansion Anchor</td>
<td>8&quot; (203) Max on center &amp; 3&quot; from ends</td>
<td>43/4&quot; (121)</td>
<td>4&quot; (102)</td>
</tr>
<tr>
<td>Concrete 3000 PSI Min</td>
<td>5/8&quot; (16) DIA Hilti Kwik Bolt III</td>
<td>8&quot; (203) Max on center &amp; 3&quot; from ends</td>
<td>43/4&quot; (121)</td>
<td>4&quot; (102)</td>
</tr>
<tr>
<td>Steel or Aluminum Frame</td>
<td>5/8&quot; (16) DIA Kwik Bolt</td>
<td>8&quot; (203) Max on center &amp; 3&quot; from ends</td>
<td>4&quot; (102)</td>
<td>2&quot; (51)</td>
</tr>
</tbody>
</table>

### SHIP SECTION INFORMATION

1. Reference separate installation instruction sheets for installation details. It is the responsibility of the installing contractor to properly install the louvers per the appropriate detail.

2. On special orders, Ruskin may provide submittal and/or shop drawings. Reference these drawings for additional installation information.

3. Louvers wider than the maximum single section width will be shipped in multiple sections and will require field assembly. Field assembly is not by Ruskin.