ASSEMBLY PROCEDURE:

1. If you ordered installation angles, it will come in a kit that includes clip angles, fasteners etc.,
2. Refer to shop drawings to determine set back of clip angles on jamb/head/sill in relation to wall.(If shop drawings were requested).
3. Measure set back distance of clip angles from wall and drill holes into wall as needed.
4. Attach clip angles to wall with substrate fasteners. (Substrate fasteners not provided by Ruskin).
5. Place louver section into opening.
6. Shim around louver perimeter to provide proper clearance/deduct as mentioned in shop drawings. (If shop drawings were requested)
7. Once clearance specifications are met, use holes provided in clip angle to drill pilot holes in jamb.
8. Fasten clip angles to jambs with fasteners as provided by Ruskin (Ship loose kit).
9. Refer to shop drawings to attach clips at HVBS & mullion supporps (If shop drawings were requested).
10. Notch the continuous Clip angle as needed to fit them in between the supports.
11. If extended sill is ordered, please place a bead of caulk between the opening & sill (Caulk supplied by others).

INSTALLATION DETAILS

<table>
<thead>
<tr>
<th>ITEM #</th>
<th>DESCRIPTION</th>
<th>QTY.</th>
<th>PART #</th>
<th>MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CLIP ANG 2 X 2 X 1/4 X 2” LG W/2 .25 X .63 SLOTS</td>
<td>-</td>
<td>360502443</td>
<td>6063-T6 ALUM</td>
</tr>
<tr>
<td>2</td>
<td>CLIP ANG 2 X 2 X 1/4 (6” LG PUNCHED)</td>
<td>-</td>
<td>360502825</td>
<td>6063-T6 ALUM</td>
</tr>
<tr>
<td>3</td>
<td>ANG 2 X 2 X .25 X CONT.</td>
<td>-</td>
<td>341396M00</td>
<td>6063-T6 ALUM</td>
</tr>
<tr>
<td>4</td>
<td>SCR 10 X 1.5 HWH TEK</td>
<td>-</td>
<td>380430830</td>
<td>410/ZC</td>
</tr>
</tbody>
</table>
**REFERENCE IMAGES**

**MULTI SECTION LOUVER ASSEMBLY**
(Shown as 2x1)

**DETAIL A**
CLIP ANGLE INSTALLATION DETAIL

**CLIP ANGLE INSTALLATION - VERTICAL BLADE LOUVERS**
REFERENCE IMAGES

CLIP ANGLE INSTALLATION W EXTENDED SILL
(SUPPORTS NOT SHOWN FOR CLARITY)

CLIP ANGLE INSTALLATION @ HEAD/SILL

CLIP ANGLE INSTALLATION @ SUPPORTS

RUSKIN RECOMMENDS A CAULK BEAD BETWEEN OPENING STRUCTURE & SILL (NOT PROVIDED BY RUSKIN)

CLIP ANGLE INSTALLATION W EXTENDED SILL

CLIP ANGLE INSTALLATION @ JAMBS

SEALANT (BY GENERAL CONTRACTOR)

BUILDING STRUCTURE

HEAD FRAME (REF)

SCREEN (FACTORY INSTALLED)

CLIP ANGLE MAY VARY
(REF JOB SPECIFIC DRAWINGS)

FASTENER (BY GENERAL CONTRACTOR)

BUILDING STRUCTURE

JAMB FRAME (REF)

SEALANT (BY GENERAL CONTRACTOR)

CLEARANCE

BUILDING STRUCTURE

HEAD FRAME (REF)

SCREEN (FACTORY INSTALLED)

CLIP ANGLE MAY VARY
(REF JOB SPECIFIC DRAWINGS)

FASTENER (BY GENERAL CONTRACTOR)

BUILDING STRUCTURE

HEAD FRAME (REF)

SCREEN (FACTORY INSTALLED)

CLIP ANGLE MAY VARY
(REF JOB SPECIFIC DRAWINGS)

FASTENER (BY GENERAL CONTRACTOR)

BUILDING STRUCTURE

HEAD FRAME (REF)

SCREEN (FACTORY INSTALLED)

CLIP ANGLE MAY VARY
(REF JOB SPECIFIC DRAWINGS)

FASTENER (BY GENERAL CONTRACTOR)

BUILDING STRUCTURE

HEAD FRAME (REF)

SCREEN (FACTORY INSTALLED)
CONT. CLIP ANGLE INSTALLATION DETAIL

MULTI-SECTION LOUVER ASSEMBLY (CONT. CLIP ANGLE ASSEMBLY)  
(SHOWN AS 2X1)

CONT. CLIP ANGLE ASSEMBLY - W/O H.V.B.S  
(EXPLODED DETAIL)

CONT. CLIP ANGLE ASSEMBLY - W/H.V.B.S  
(EXPLODED DETAIL)

#10 TEK SCREW  
(PART # - 380430830)  
1.500" FROM ENDS,  
12.000" MAX. C-C  
(SHIPPED LOOSE)

2 X 2 X .25 X CONT. CLIP ANGLE  
(SHIPPED LOOSE AS ONE)  
NOTCH THE CONT. CLIP ANGLE AS REQ'D TO FIT THEM BETWEEN SUPPORT MEMBERS

ANCHORS (INSTALLED TO SUBSTRATE) (NOT PROVIDED BY RUSKIN)

2 X 2 X .25 X CONT. CLIP ANGLE  
(SHIPPED LOOSE)

SCREEN (FACTORY INSTALLED)

2 X 2 X .25 X CONT. CLIP ANGLE  
(SHIPPED LOOSE)

SCREEN (FACTORY INSTALLED)

2 X 2 X .25 X CONT. CLIP ANGLE  
(SHIPPED LOOSE)

2 X 2 X .25 X CONT. CLIP ANGLE  
(SHIPPED LOOSE)

SCREEN (FACTORY INSTALLED)

LOUVER WIDTH (L.D)

LOUVER HEIGHT - 4000"  
(L.D. - 4")

AUTHORITY IN AIR CONTROL

3900 Doctor Greaves Road  
Grandview, MO 64030  
Website: www.ruskin.com  
Phone: (816) 761-7476

LIMITED WARRANTIES

 Document Title
Limited Warranty Document