# BOLTED MULLIONS, SPLICE PLATES

## Installation Guide

## LIST OF MODELS AFFECTED

| MODELS AFFECTED (TYPE I) | |
|---|---|
| **MODEL** | **SPACING** |
| 4375D | 6.000" MAX. FROM ENDS; 19.000" MAX. C-C |
| 4375D125 | 6.000" MAX. FROM ENDS; 19.000" MAX. C-C |
| 4375Z | 6.000" MAX. FROM ENDS; 19.000" MAX. C-C |
| 4375Z125 | 6.000" MAX. FROM ENDS; 19.000" MAX. C-C |
| 445RD | 6.000" MAX. FROM ENDS; 19.000" MAX. C-C |
| 445RD125 | 6.000" MAX. FROM ENDS; 19.000" MAX. C-C |
| 4375B | 6.000" MAX. FROM ENDS; 19.000" MAX. C-C |
| 445RBID | 6.000" MAX. FROM ENDS; 19.000" MAX. C-C |
| 445RBED | 6.000" MAX. FROM ENDS; 19.000" MAX. C-C |
| 445DD | 6.000" MAX. FROM ENDS; 19.000" MAX. C-C |
| 6375Z | 6.000" MAX. FROM ENDS; 19.000" MAX. C-C |
| 6375Z125 | 6.000" MAX. FROM ENDS; 19.000" MAX. C-C |
| 6375D | 6.000" MAX. FROM ENDS; 19.000" MAX. C-C |
| 6375D125 | 6.000" MAX. FROM ENDS; 19.000" MAX. C-C |
| 6350DS | 6.000" MAX. FROM ENDS; 19.000" MAX. C-C |
| 645RAAB | 6.000" MAX. FROM ENDS; 19.000" MAX. C-C |
| 645RB | 6.000" MAX. FROM ENDS; 19.000" MAX. C-C |
| 6375RDHAX | 6.000" MAX. FROM ENDS; 19.000" MAX. C-C |
| 6375RDHAXDC | 6.000" MAX. FROM ENDS; 19.000" MAX. C-C |
| 6375DBID | 6.000" MAX. FROM ENDS; 19.000" MAX. C-C |
| 6375DBED | 6.000" MAX. FROM ENDS; 19.000" MAX. C-C |
| 6425DD (VIS. MULLION) | 6.000" MAX. FROM ENDS; 18.000" MAX. C-C |
| 6425DD (ARCH. MULLION) | 6.000" MAX. FROM ENDS; 18.000" MAX. C-C |

| MODELS AFFECTED (TYPE - II) | |
|---|---|
| **MODEL** | **SPACING** |
| 4375DC | 6.000" MAX. FROM ENDS; 15.000" MAX. C-C |
| 6375DC | 6.000" MAX. FROM ENDS; 18.000" MAX. C-C |

| MODELS AFFECTED (TYPE - III) | |
|---|---|
| **MODEL** | **SPACING** |
| 445RAAZ | 6.000" MAX. FROM ENDS; 18.000" MAX. C-C |
| 645RAAZ | 6.000" MAX. FROM ENDS; 18.000" MAX. C-C |
| 845RAAZ | 6.000" MAX. FROM ENDS; 18.000" MAX. C-C |
| 1245RAAZ | 6.000" MAX. FROM ENDS; 18.000" MAX. C-C |
| 845FBAF | 6.000" MAX. FROM ENDS; 18.000" MAX. C-C |

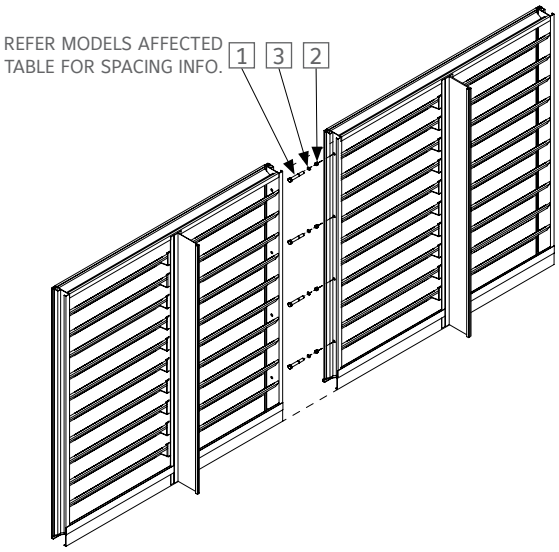
| MODELS AFFECTED (TYPE - IV) | |
|---|---|
| 4RCH | 645RBABL125 |
| 4RCH | 445RBABL |
| 2DDWRG | 445RBABL125 |
| 4DDWRG/4DDWRGE | 445RDABL |
| 5DDWRG/5DDWRGE | 6375RDABL |
| 6RRSV | 6375RBABL |
| 7375WR | 445RDHBD |
| 645RBABL | |

| MODELS AFFECTED (TYPE - V) | |
|---|---|
| 15045RZ | 245D |
| 2RCV | 3RRGV |
| 245RB | |

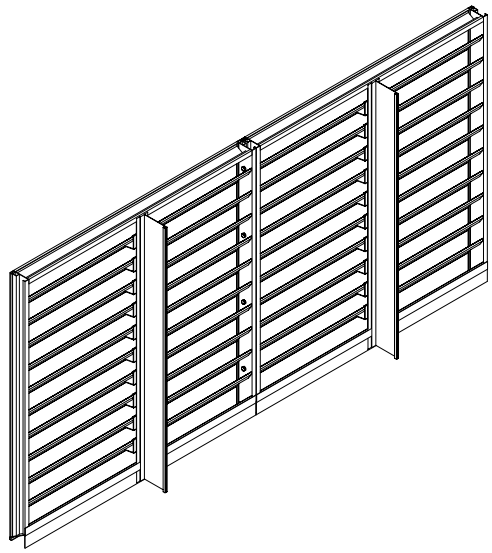
## ASSEMBLY PROCEDURE:

1. Locate ship loose hardware required for louver multi-section assembly.
2. Position the louver sections faced down on a level, non-abrasive surface in the configuration they will be assembled in. Reference the tag numbers on each section to ensure the sections are in correct order.
3. Refer to appropriate exploded details for splice hardware identification & location. Now fasten the sections together at frames. (Splice plates are pre-drilled at plant for ease of installation)
4. Installer must remove factory installed screen frame screws (wherever needed) prior to installing splice plates.
5. Apply caulk/sealant at visible mullions.

## BOLTED MULLION CONNECTION DETAIL




BOLTED MULLION CONNECTION DETAIL - **(TYPE I, II, III)**
ISOMETRIC REAR VIEW (EXPLODED)

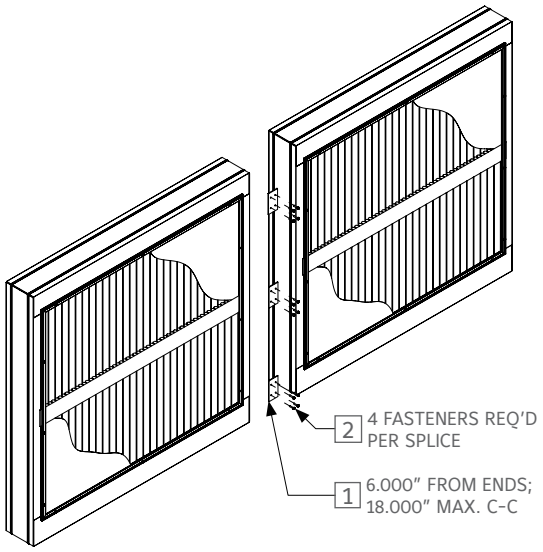


BOLTED MULLION CONNECTION DETAIL - **(TYPE I, II, III)**
ISOMETRIC REAR VIEW - ASSEMBLED

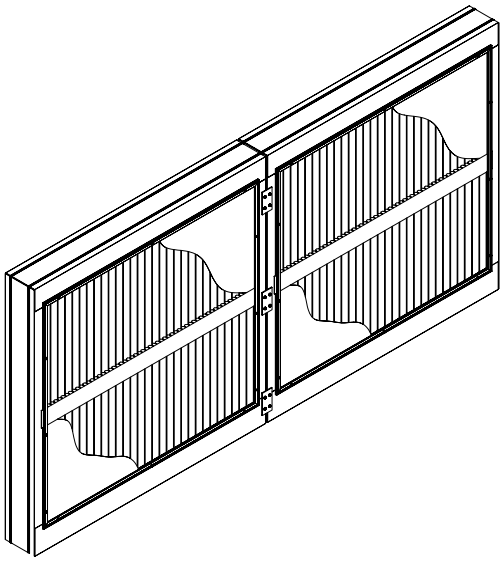
| ITEM # | DESCRIPTION | QTY. | PART # | MATERIAL |
|---|---|---|---|---|
| **PARTS LIST TABLE - BOLTED MULLION CONNECTION DETAIL (TYPE I)** | | | | |
| 1 | BLT 1/4-20 X 2.75 HHD | VARIES | 380431729 | ZC |
| 2 | NUT NYLOCK 1/4-20 | VARIES | 38009500 | ZC |
| 3 | WSH FLAT 1/4 USS | VARIES | 38026300 | ZC |
| **PARTS LIST TABLE - BOLTED MULLION CONNECTION DETAIL (TYPE II)** | | | | |
| 1 | BLT 3/8-16 X 3.00 HHD | VARIES | 380431604 | ZC |
| 2 | NUT NYLOCK 3/8-16 | VARIES | 380430951 | ZC |
| 3 | WSH FLAT 3/8 USS | VARIES | 38026500 | ZC |
| **PARTS LIST TABLE - BOLTED MULLION CONNECTION DETAIL (TYPE III)** | | | | |
| 1 | BLT 3/8-16 X 4.00 HHD | VARIES | 380431493 | ZC |
| 2 | NUT NYLOCK 3/8-16 | VARIES | 380430951 | ZC |
| 3 | WSH FLAT 3/8 USS | VARIES | 38026500 | ZC |

** Square balloons refer ship loose parts

## SPLICE PLATE CONNECTION DETAIL



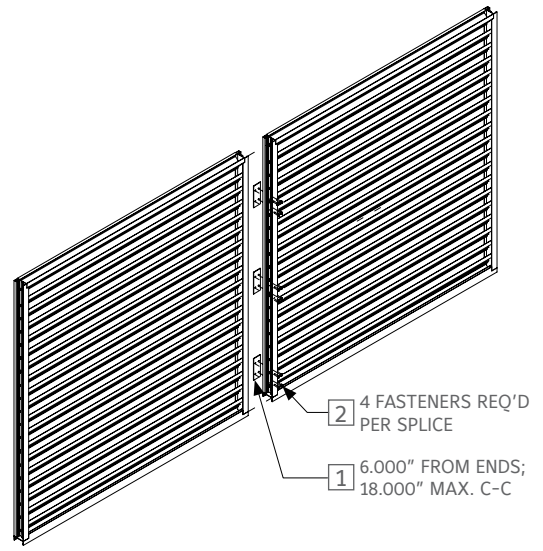

2X4 SPLICE PLATE CONNECTION DETAIL - **TYPE IV**
ISOMETRIC REAR VIEW (EXPLODED)



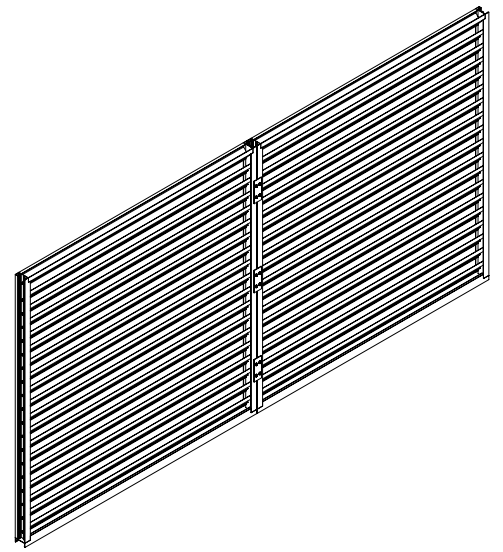
2X4 SPLICE PLATE CONNECTION DETAIL - **TYPE IV**
ISOMETRIC REAR VIEW (ASSEMBLED)

| ITEM # | DESCRIPTION | QTY. | PART # | MATERIAL |
|---|---|---|---|---|
| PARTS LIST TABLE - SPLICE PLATE CONNECTION DETAIL (TYPE IV) | | | | |
| 1 | SPL PLT LVR ALUM 2 X 4 X .125 | 1 | 360431136 | 6063-T6 EXTRUDED ALUM .125 |
| 2 | SCR 10 X 1.00 HWH TEK | 4 | 380430941 | 410SS/ZC |

** Square balloons refer ship loose parts




1.5 X 4 SPLICE PLATE CONNECTION DETAIL - **TYPE V**
ISOMETRIC REAR VIEW - EXPLODED

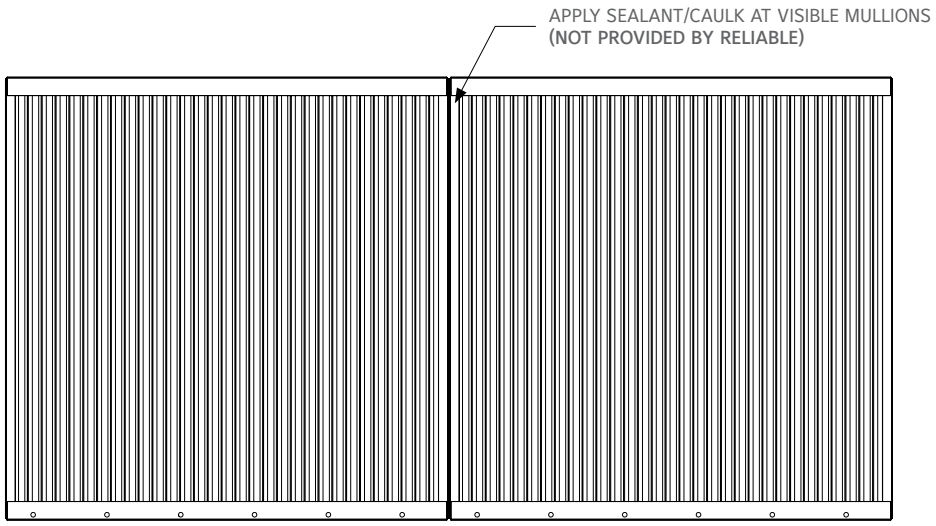


1.5 X 4 SPLICE PLATE CONNECTION DETAIL - **TYPE V**
ISOMETRIC REAR VIEW - ASSEMBLED

| ITEM # | DESCRIPTION | QTY. | PART # | MATERIAL |
|---|---|---|---|---|
| PARTS LIST TABLE - SPLICE PLATE CONNECTION DETAIL (TYPE V) | | | | |
| 1 | SPL PLT LVR 1.5X4X.080 | 1 | 360435593 | SHEET 5005 - H34 .080" THK |
| 2 | SCR 10 X 1.00 HWH TEK | 4 | 380430941 | 410SS/ZC |

** Square balloons refer ship loose parts

## VISIBLE MULLION CONNECTION (SEALANT DETAIL)




VISIBLE MULLION CONNECTION
SEALANT DETAIL