



## Hardware Instructions for SS Series Collectors: 8600P-691 (MT-2/3 Two Thirds Mount)

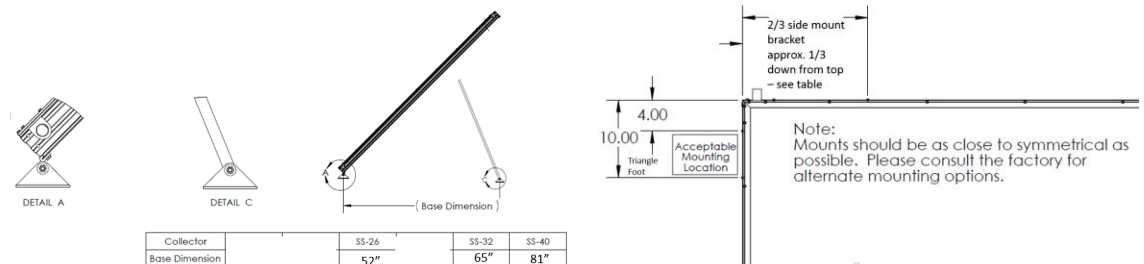


The Two Thirds Mount hardware is shipped in sets of two front mount and two rear mounts, enough to secure one collector.

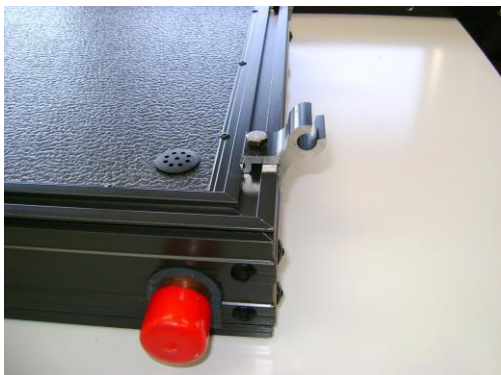
Each set contains:

- (2) Two Thirds brackets with (2) 1/4" – 20 Stainless Steel Set Screws, pre-installed in each bracket
- (4) Triangle Mounting Feet
- (6) 1 3/4" x 3/8" – 16 Stainless Steel Bolts
- (2) hinge clips with (1) 1/4" – 20 Stainless Steel Set Screws, pre-installed in clip
- (6) 3/8" – 16 Stainless Steel Nuts
- (6) 3/8" Stainless Steel Washers

### Installation Instructions



- First mount triangle feet to structure or Uni-Strut™ at proper spacing according to collector size.
- Triangle Foot and 2/3<sup>rd</sup> side bracket should be positioned in accordance with the diagrams shown above
- The triangle mounting feet can be fastened to Uni-Strut™ or directly to the asphalt roof using the appropriate fasteners and sealant.



### Front Mounts

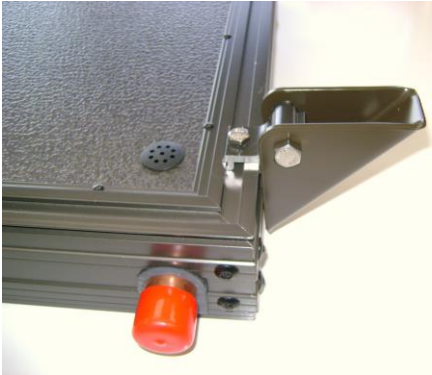
- First loosen the tilt hinge set screw fully. The tilt hinge will engage into the "Quick Lock" frame rail. Slide the flush mount to desired location along the bottom side of the collector that will meet the roof
- Tighten the set screw to keep tilt hinge from sliding

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- Next, attach the triangle foot to the tilt hinge with the 1.75" x 3/8" bolt, 3/8" nut and washer.

### Two Thirds Mount Bracket



- First loosen the bracket set screws fully. The Two Thirds bracket will engage into the "Quick Lock" frame rail. Slide the brackets to desired location along the side frame rail of the collector at approximately 2/3rds of the length of the side rail (1/3<sup>rd</sup> down from top)
- Install the second two thirds bracket on the opposite side rail at exactly the same distance from the top of the collector.
- Tighten set screws with a 7/16" wrench to a maximum of 10 foot pounds to lock the two thirds bracket into position.
  
- Position the E1022 Strut legs between the 2/3<sup>rd</sup> bracket on each side and align the hole in the strut with the holes in the 2/3<sup>rd</sup> bracket.
- Insert the 1 3/4" x 3/8" bolt through the bracket and strut and secure with a 3/8" nut and washer.



- Position the E1022 strut into the triangle foot and align the hole in the strut with the holes in the triangle foot.
- Insert the 1 3/4" x 3/8" bolt and secure with a 3/8" nut and washer.
- When all hardware and fasteners are installed the assembly will look similar to the photo to the left.
- Check for collector alignment and tighten all fasteners.

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