

## Hardware Instructions for SS Series Collectors: MT-TM (Tilt Mount)

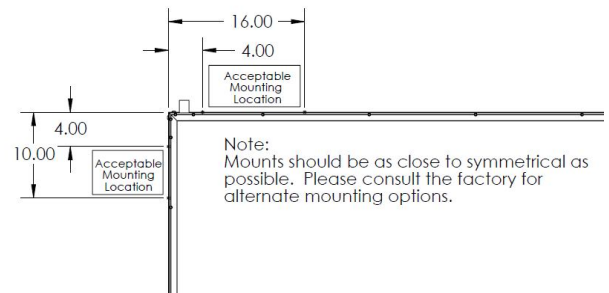
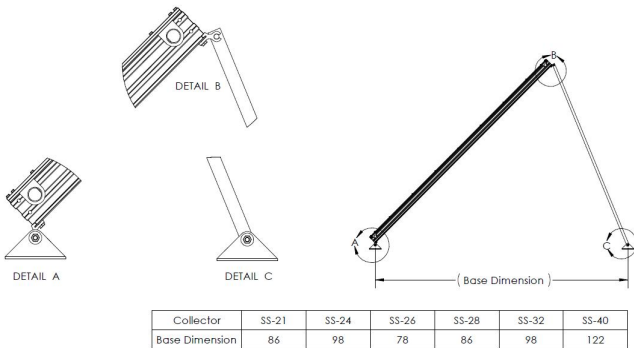


The Tilt Mount hardware is shipped in sets of two front mount and two rear mounts, enough to secure one collector.

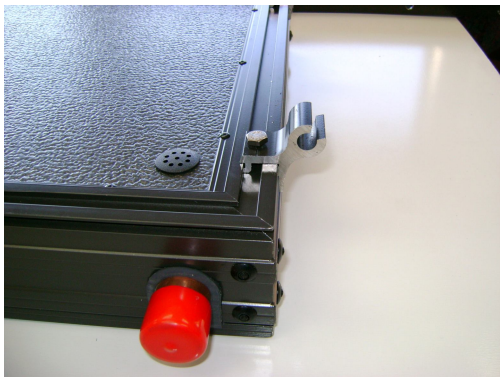
Each set contains:

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

## Installation Instructions



- First mount triangle feet to structure or Uni-Strut<sup>TM</sup> at proper spacing according to collector size.
- Side-to-Side spacing should be in accordance with the diagram shown
- The triangle mounting feet can be fastened to Uni-Strut<sup>TM</sup> or directly to the asphalt roof using the appropriate fasteners and sealant.



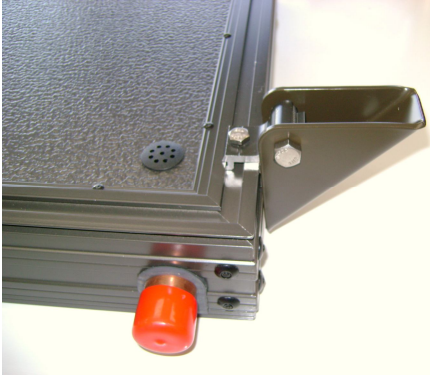
### Front Mounts

- 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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## Hardware Instructions for SS Series Collectors: MT-TM (Tilt Mount) – Cont.



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

### Back Mounts



- First loosen the tilt hinges set screws fully. The tilt hinge will engage into the "Quick Lock" frame rail. Slide the tilt hinges to desired location along the top side of the collector that will be tilted up.
- Leave a 1" space between the tilt hinges.
- Tighten set screw with a 7/16" wrench to a maximum of 10 foot pounds to lock the flush mount into position.



- Position the E1022 Struts between the two tilt hinges on each side and align the hole in the strut with the holes in the tilt hinge.
- Insert the 4" x 3/8" bolt through all three pieces 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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