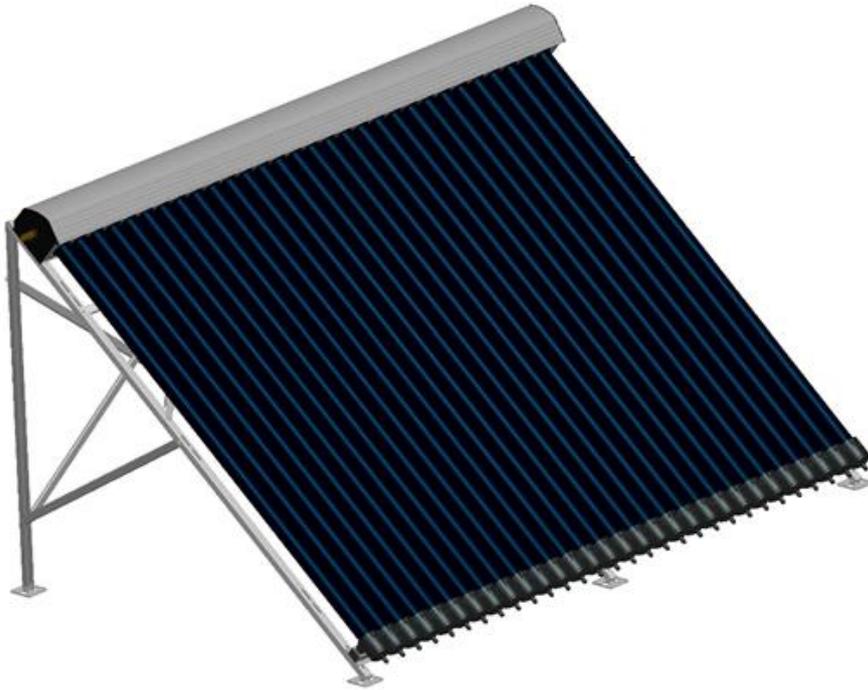




EXEGI USB Frame Assembly Guide

Models: USB 24, and USB 30

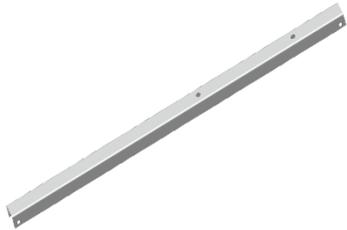


Important Information

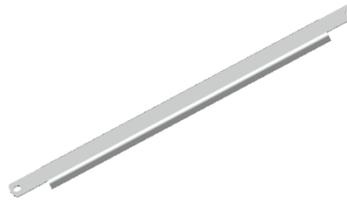
- This frame assembly guide should be used in conjunction with the manual for the system and all safety and installation instructions must be read and understood prior to assembling the system.
- The sensor should not be installed on the manifold until the system has been filled with water.
- Prior to installation, ensure that the roof structure is suitably rated to hold the weight of the system being installed.
- When assembling the frame, only tighten the bolts 'finger tight' until all the parts are attached. Once the frame is fully assembled tighten all nuts and bolts. DO NOT tighten using an impact driver on a drill, as the frame is stainless steel, it will seize and CANNOT be undone.

Parts for USB 24 and USB 30

1. front legs
(1990mm, 3pcs)



2. Triangle Braces
(USB-24: 646mm, 4pcs)
(USB-30: 677mm, 4pcs)



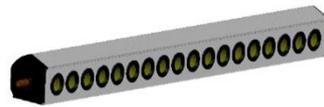
3. Top Braces
(USB-24: 961mm, 2pcs)
(USB-30: 1201mm, 2pcs)



4. Bottom Support
(USB-24: 1920mm, 1pc)
(USB-30: 2400mm, 1pc)



5. Manifold
(USB-24; USB30, 1pc)



6. Heat Pipes
(USB-24, 24pc)
(USB-30, 30pc)



7. Plastic Holders



8. Feet
6pcs



9. Back Legs
(1282mm, 3pcs)



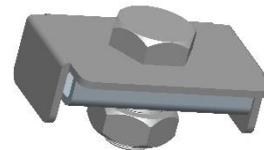
10. Diagonal Brace for Back Legs
(USB-24: 1254mm, 4pcs)
(USB-30: 1445mm, 4pcs)



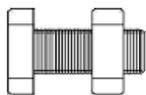
11. Side Diagonal Brace
(851mm, 3pcs)



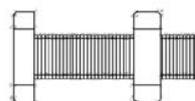
12. Clamps and Bolts
9pcs



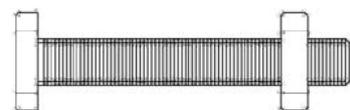
B1
M8X16=25



B2
M6X25=2



B3
M6X45=9



Assembly Instructions: Low Angle for Pitched Roof Installation

Step A

Parts Needed:

- Manifold (no.5) x 1
- Front Legs (no.1) x 3
- B1 Bolts x 3

Slide the manifold (no.5) into slots and secure with B1 bolts at the back. The center leg can be moved to the left or the right to position over ridge.

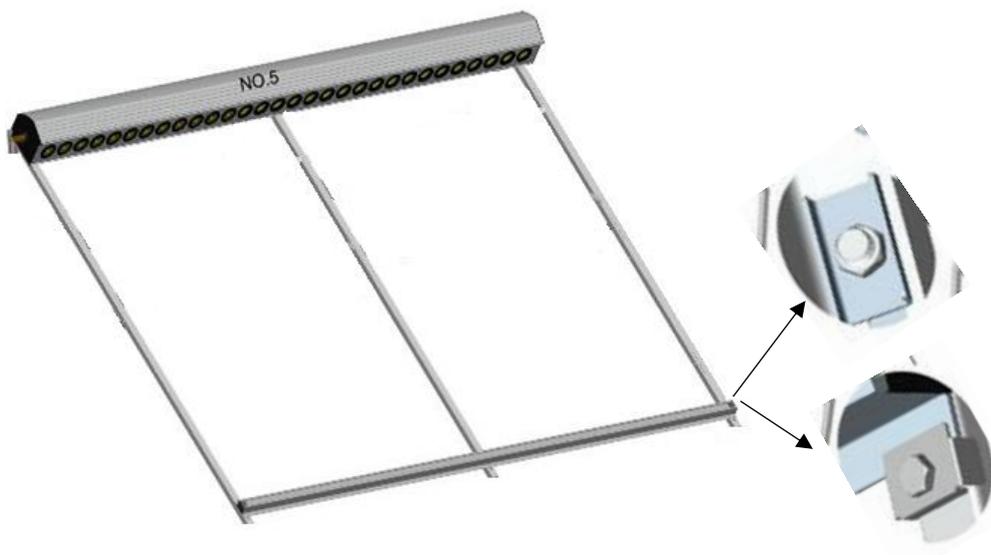


Step B

Parts needed:

- Bottom Support (no.4) x 1
- Clamps and Bolts (no.12) x 6

Using the clamps and bolts (no.12), connect the bottom support to the bottom of the front legs.



The other frame parts are not required for a pitched roof installation.

Refer to USB Manual to complete installation

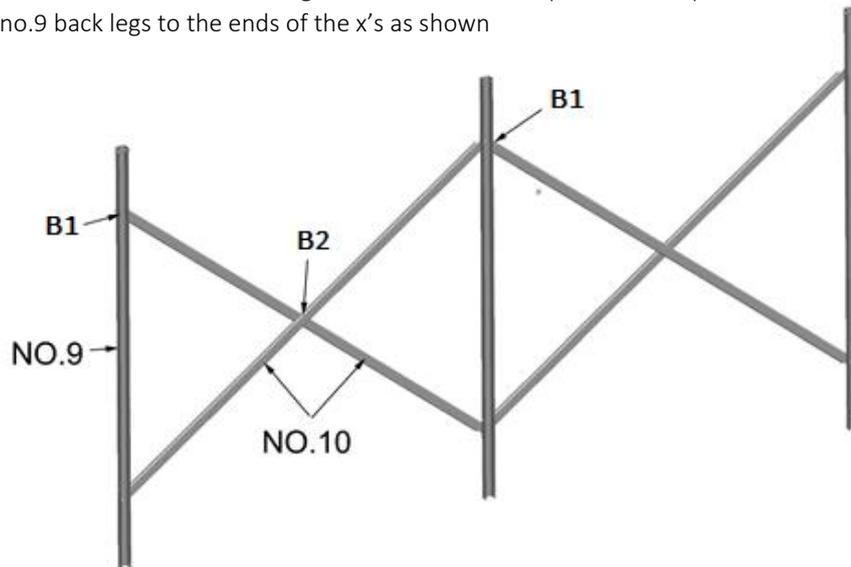
Assembly Guide: High Angle Frame for Flat Roof

Step A

Parts needed:

- Back legs (no.9) x 3
- Diagonal braces for back legs (no.10) x 4
- B2 Bolts x 3
- B1 Bolts x 6

Using the B2 bolts connect the no.10 diagonal braces to form a pair of 'x' shapes. Then use the B1 bolts to connect the no.9 back legs to the ends of the x's as shown

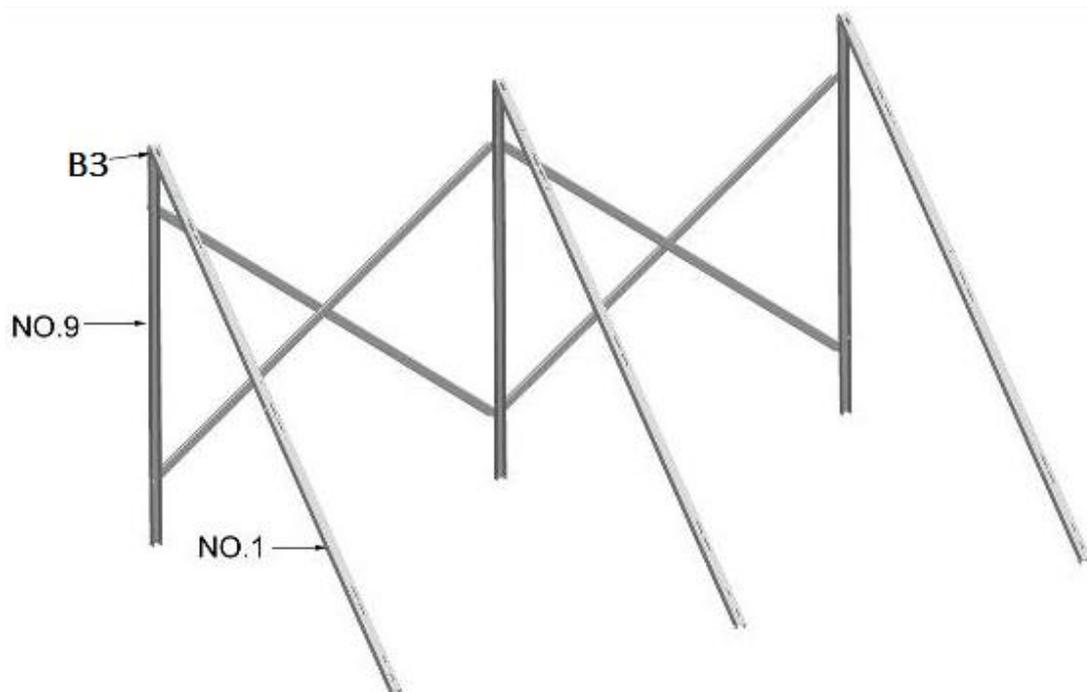


Step B

Parts needed

- Front legs (no.1) x 3
- B3 Bolts x 3

Using the B3 bolts, connect the no.1 pieces to the ends of the back legs (no.9) as shown.

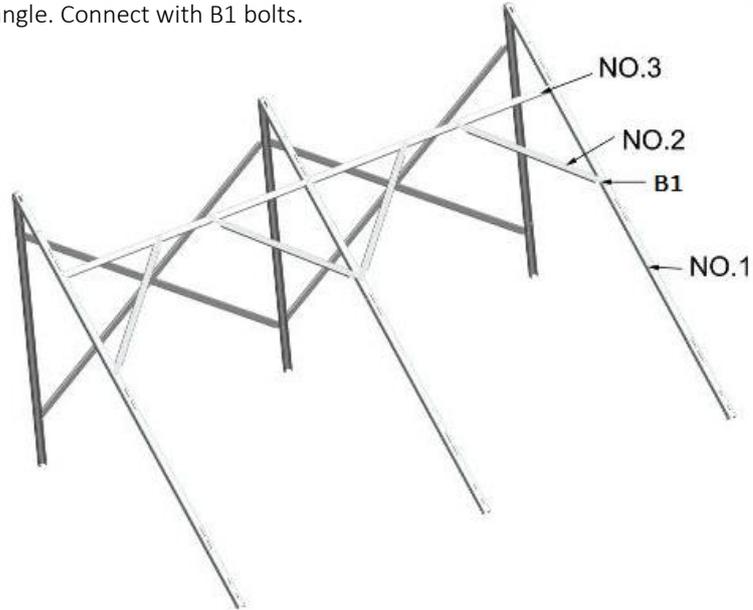


Step C

Parts needed

- B1 bolts x 10
- Top brace (no.3) x 2
- Triangle braces (no.2) x 4

Place the top brace (no.3) horizontally across the front legs (no.1) and connect with B1 bolts. Take the triangle braces (no.2) and place them so one end connects to the front leg (no.1) and the other end to the top brace (no.3) so they form a triangle. Connect with B1 bolts.

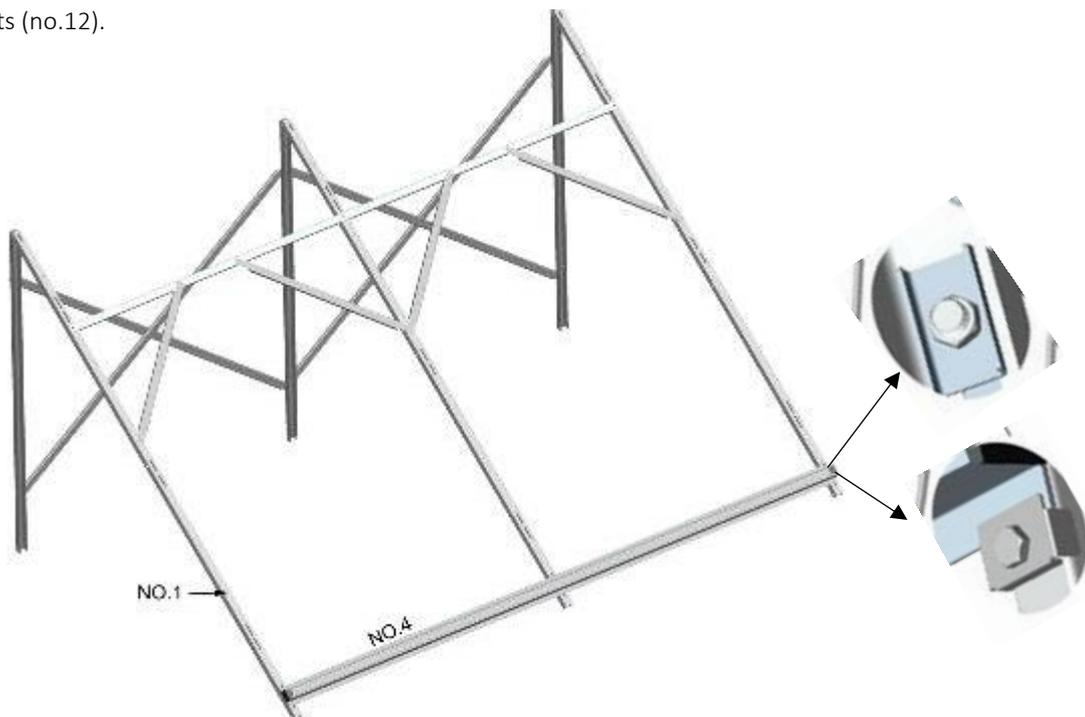


Step D

Parts needed:

- Bottom support (no.14) x 1
- Clamps and Bolts (no.12) x 6

Place the bottom support (no.4) horizontally across the bottom of the front legs (no.1). Secure with the clamps and bolts (no.12).

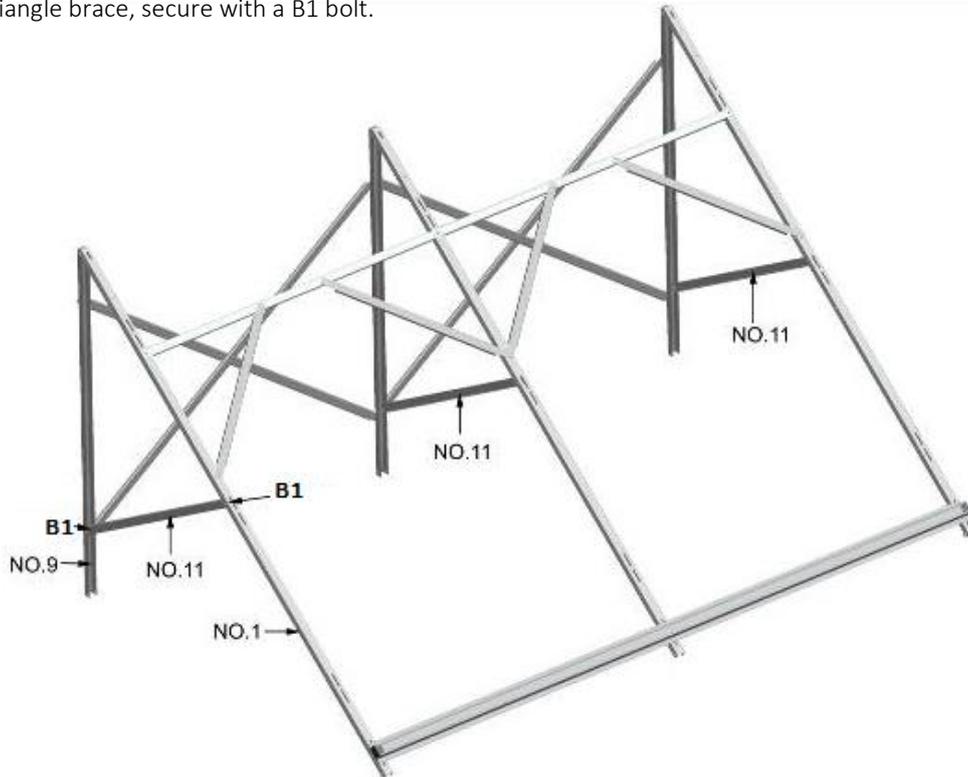


Step E

Parts needed:

- Side diagonal brace (no.11) x 3
- B1 bolts x 6

Connect one end of the side brace (no.11) to the back leg of the frame (no.9) just below where it joins the back bracing, secure with a B1 bolt. Connect the other end of the brace to the front leg (no.1) just below where it joins the triangle brace, secure with a B1 bolt.

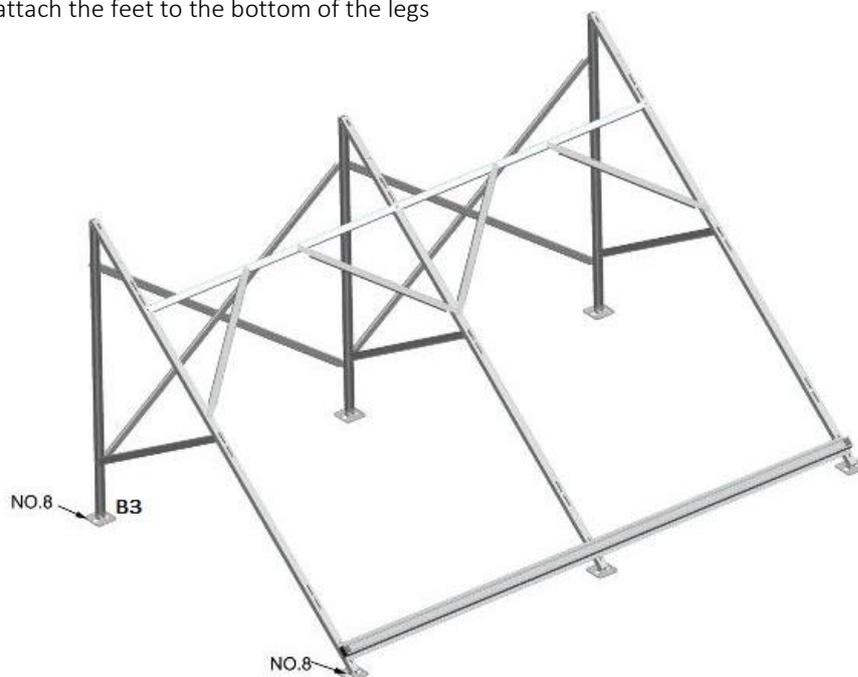


Step F

Parts needed:

- Feet (no.8) x 6
- B3 bolts x 6

Using the B3 bolts, attach the feet to the bottom of the legs

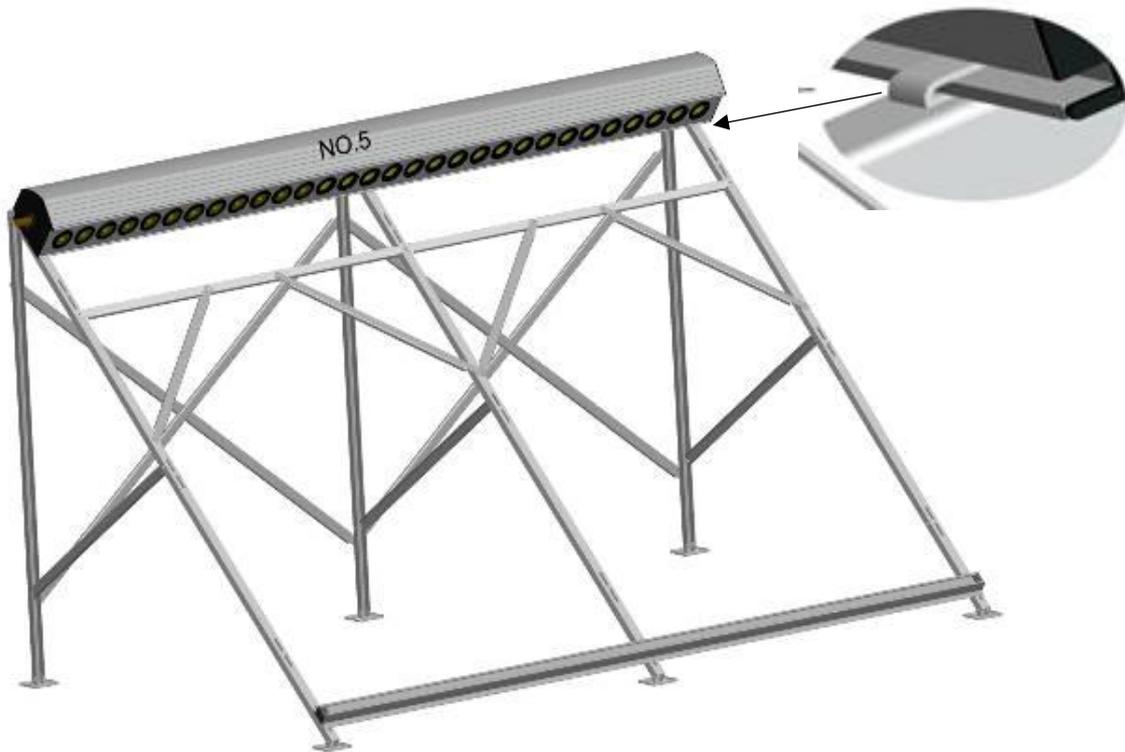


Step G

Parts Needed:

- Manifold (no.5) x 1
- B1 bolts x 3

Connect the Manifold (no.5) to the front legs. Make sure to attach the clips as shown in the close up



Please refer to manual to complete installation