

Swede-Sun Trading AB

Assembly Manual

1 Fix the frames and manifold box:

1.1 Arrange the two stand bars as shown in the picture 1.1.

1.2. Fix the manifold box.

1.2.1. Put the manifold box between the two turn ups on two stand bars.

1.2.2. Adjust the distance between the two stand bars.



Figure 1.1

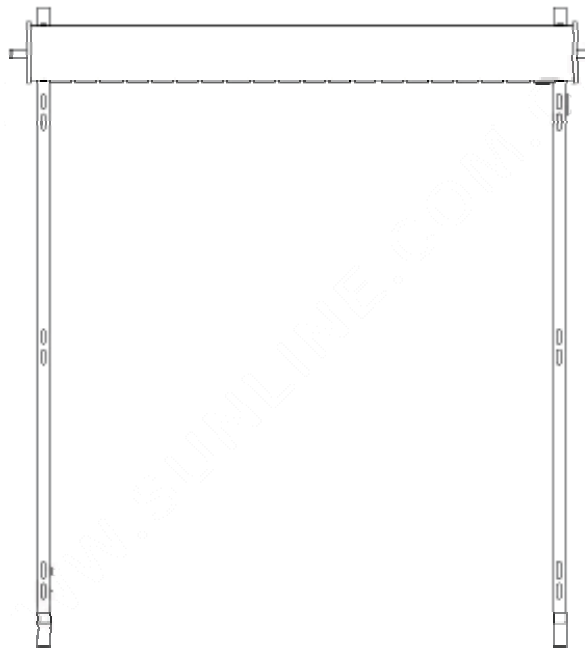


Figure 1.2.2

1.2.3 Fix the manifold box with the turn ups on stand bar by screw. See pictures.



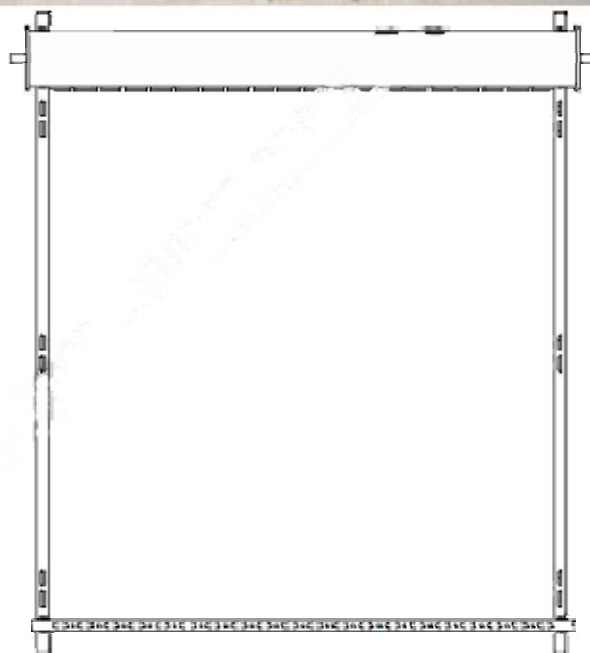
Swede-Sun Trading AB

1.3 Fix the horizontal bar.

1.3.1. Put the horizontal bar with U type notch on the turn ups of the stand bars.



1.3.2. Fix it on the stand bars by long screws and nuts.



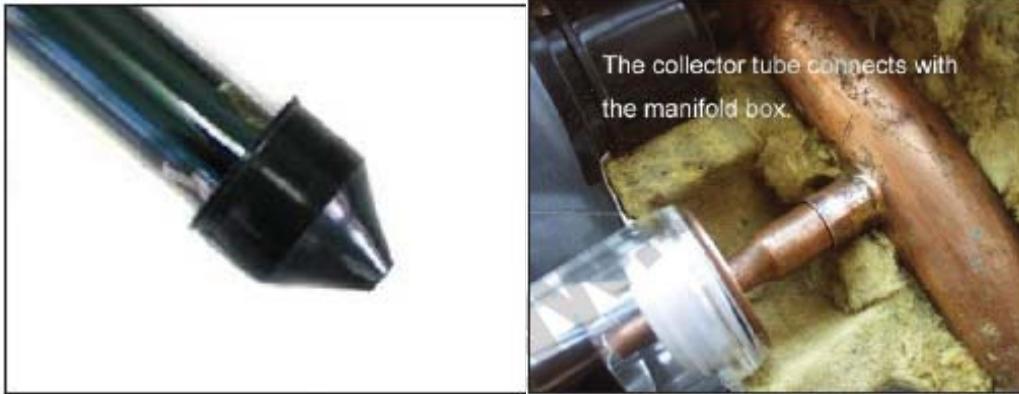
The finished frame.

Swede-Sun Trading AB

2. Fix SFVB solar tubes.

2.1. Put the solar tube cap on the end of the tube in order to protect it.

2.2. Daub the thermal silicon grease on to the heat exchange end solar tube (the copper part). Then rotary insert the heat exchange end of the solar tube to the manifold with slow speed.



2.3 Fix the end of the solar tube, where the solar tube cap is, on the horizontal bar with U type notch by Jubilee clip.

2.3.1 Loosen the screw of the jubilee clip so that the jubilee clip can be opened.



2.3.2. Traverse the open jubilee clip through the U type notch on the horizontal bar.

2.3.3. Lay the end of the SFVB solar tube on the open jubilee clip which has traverse through the open U type notch.

2.3.4. Tighten the screw of the jubilee clip so that it can be closed as a ring.

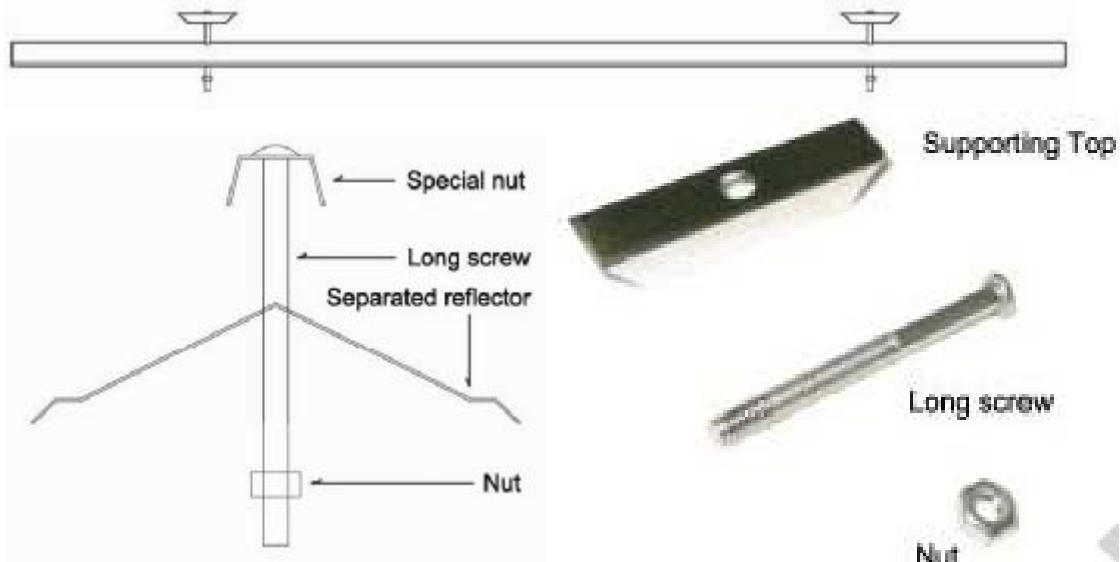
2.3.5. Finish the installation of all 20 pcs of SFVB solar tubes as above steps.



Swede-Sun Trading AB

3. Fix the separated reflectors (**Reflectors are optional and can be ordered separately**).

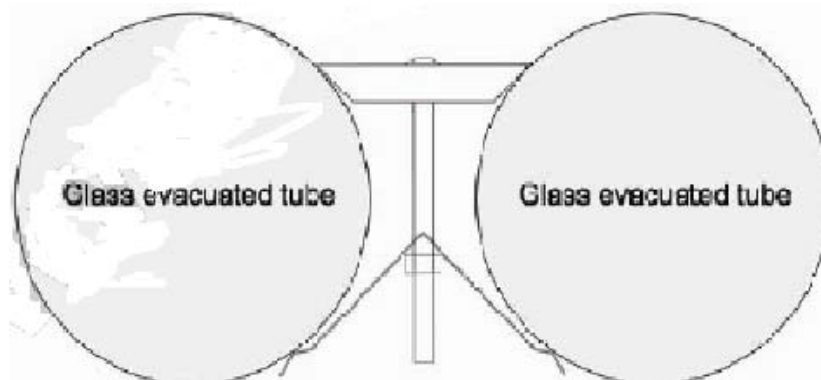
3.1 Traverse the long screw nuts through the stainless special nut and one piece of reflector in turn, and then tighten the screw to 1/3 length of long screw . Install the underside special nut in the same way.



3.2 Put one piece of the reflector which have been installed behind the two solar tubes.

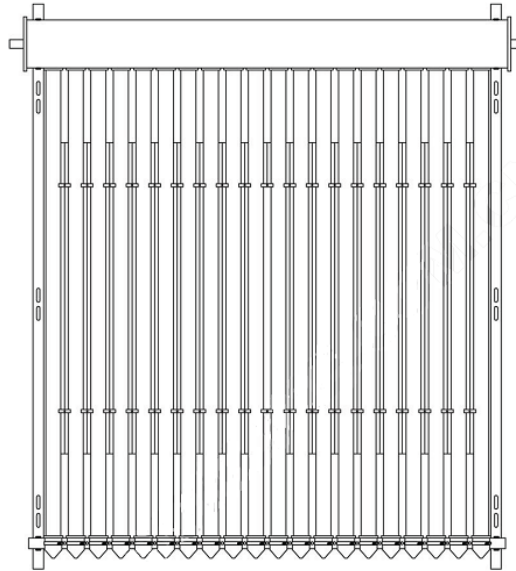


3.3 And then turn the special nut 90 degrees so that the special nut can rack on the two tubes. Tighten the long screw to fix the special nut and the separated reflector between the tubes.



Swede-Sun Trading AB

3.4. Finishing 29 pcs of reflectors as above steps. Please pay attention to keep the 29 pairs of special nuts as a line and then keep two rows of special nuts are parallel, and it looks beautiful.



Finishing install

Notice:

- 1. Please install the vacuum tube cap first, and then insert the vacuum tubes into the manifold.**
- 2. After finish the fixation of the frame and manifold, you can fix them on the roof of your house first, and then install SFVB, in which way you can install more easily.**
- 3. It's more easily to install one piece of reflector and install one tube alternately.**