

SHELTER ASSEMBLY MANUAL

20x40x6.5 ST Container shelter



PARTS LIST

Part Code	Description	Qty
L1	Left base plate	9
R1	Rigth base plate	9
1	Three way fitting	2
2	Four way fitting	7
3	Top bent tube	18
4	Sidewall bent tube	18
5	Top roof purling	8
6	Connection purlin	32
7	Lower tensioning tube for roof cover	2 groups
8	Angle seat for roof cover	4
9	Roof cover	1
10	Plastic plug	4
11	Ropes	1 dozen
13	Bolt M8x70	144
14	Butterfly bolt	16
14A	Ratchet strap	18
14B	1.5" Rachet (With Screws)	18



SPECIFICATIONS

Width: 20 ft Length: 40 ft Height: 6.5 ft

IMPORTANT: READ MANUAL FIRST

Improper site preparation, assembly and maintenance may invalidate warranty and cause unnecessary and costly mistakes. If you have any questions, contact your local dealer.

For an easy assembly process, we have identified each individual component with the part code as indicated in the parts list. Please refer to the part code numbers and drawing to ensure problem-free assembly.

It is necessary to tighten the roof fabric enough to avoid “hammocks” on the roof; also re-tighten once or twice again after a few months of use. This is important when assembled during cold seasons (autumn and winter) because the fabric gets stiff in these weather conditions. When the weather conditions become warmer, the fabric loosens and needs to be re-tighten

It is the owner’s responsibility to take off snow immediately, otherwise it will slide off on its own.

READ ALL INSTRUCTIONS BEFORE ASSEMBLY

1. Keep the work area clean. Accidents are more likely in cluttered areas. Do not set up near snow drifts, in slippery places, in high winds, or wet locations.
2. All children should be kept away from the work area.
3. Don’t overreach. Always keep proper footing and balance.
4. Do not assemble under the influence of alcohol or drugs. Read warning labels on medication prescriptions to determine if your judgment or reflexes are impaired while taking them. If there is any doubt, do not assemble.
5. Be aware of possible windy conditions; fasten the bases in concrete if these conditions are likely to occur. Remove the cover during hurricanes.
6. Be careful with power and heat sources. Do not keep heat sources near the tarpaulin. Do not expose to open flame.
7. Be aware of personal safety during assembly and use. Be careful not to pinch your fingers with clips and tubes when assembling: When using, make sure there is adequate ventilation for any dangerous fumes.

EQUIPMENT AND TOOLS FOR INSTALLATION

1. Measuring tape
2. Alignment string
3. Step ladder
4. Welder
5. Sledgehammer
6. Wrench
7. Scissors

INSTALLATION PROCESS

A - BASE PLATES INSTALLATION

Please refer to the Figure 1 to place the base plates.

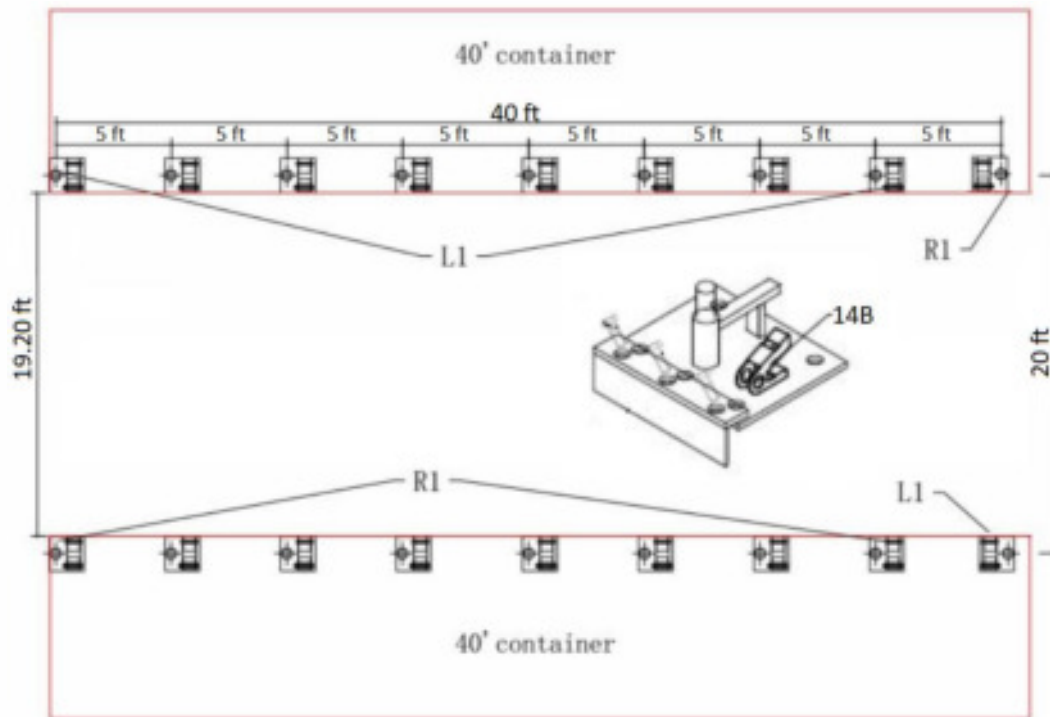


Figure 1

1. The measure must be taken from center to center of the base plates. Refer to the diagram above and confirm the place of the base plates. ENSURE THAT THE FOUNDATIONS ARE SQUARE.
2. All the base plates need to be welded on the Containers.

B - FRAME INSTALLATION (Refer to figure 2 for these steps)

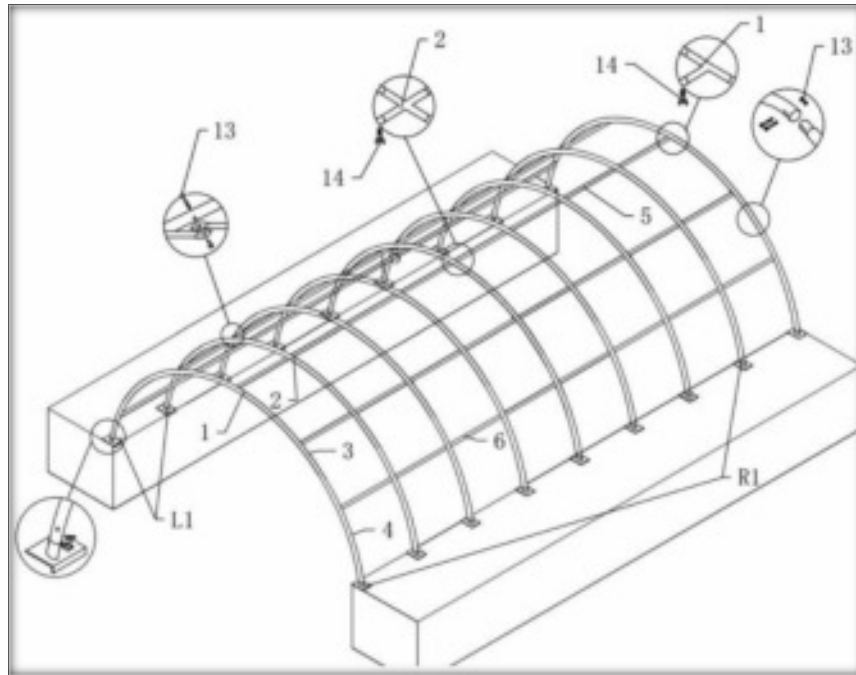


Figure 2

1. Connect the Three way fitting (part code 1), the Top bent tube (part code 3) and the Sidewall bent tube (part code 4) with the Bolts M8x70 (part code 13); these make the **external group of arches**. **DO NOT** install the bolts on the top of the truss where the fabric will rest.
2. Connect the Four way fitting (part code 2), the Top bent tube (part code 3) and the Sidewall bent tube (part code 4) with the Bolts M8x70 (part code 13); these make the **internal group of arches**. Please NOTE the direction of the bolt. **DO NOT** install the bolts on the top of the truss where the fabric will rest.
3. Insert one end of the assembled arch into one base plate and force the other end of the arch into the opposite base plate. Secure the arches in the base plates using the bolts.
4. After installing the first two arches, connect the Top roof purlin (part code 5) into the Three way fitting and the Four way fitting using the Butterfly bolt (part code 14).
5. Then connect the Connection purlins (part code 6) on the arches using the Bolts M8x70 (part code 13). There are 4 pieces of Connection purlins (part code 6) and one piece of Top roof purlin (part code 5) between each arch.
6. Then install the third arch into the base plate and connect the purlins. Assemble the arches one by one until the frame is finished.

C - ROOF COVER INSTALLATION

NOTE: DO NOT install the cover onto the frame of your building in high wind conditions. A slight breeze is the most advantageous for cover installation. To take advantage of the breeze, pull the cover up over the arches with the breeze blowing in the cover like a sail filled with air.

1. Insert the Lower tensioning tube for roof cover (part code 7) into the pockets on the end of the roof cover (part code 9). Then put the Plastic plug (part code 10).

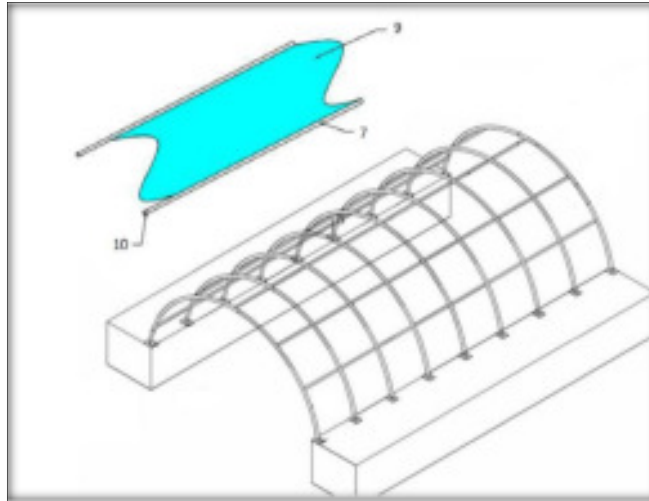


Figure 3

2. Put the Roof cover (part code 9) EVENLY, CAREFULLY AND SLOWLY atop the frame. Adjust the cover so that it is square and evenly centered on the frame.

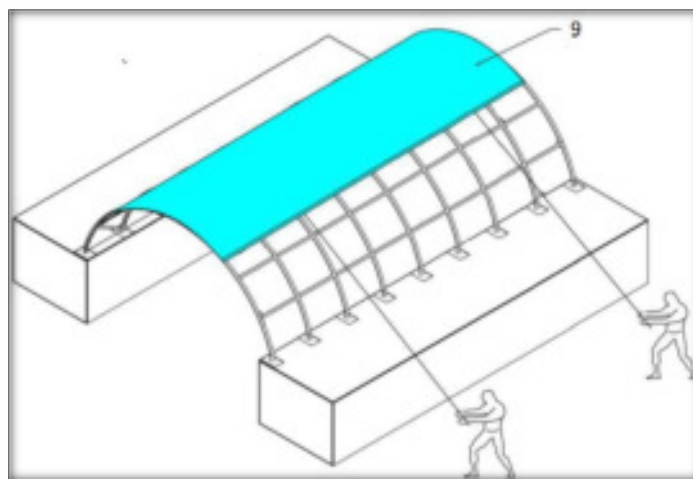


Figure 4

3. On the Roof cover, cut pockets over each ratchet on the base plates, then use the Ratchet strap (part code 14A) to tie down the Lower tensioning tubes.

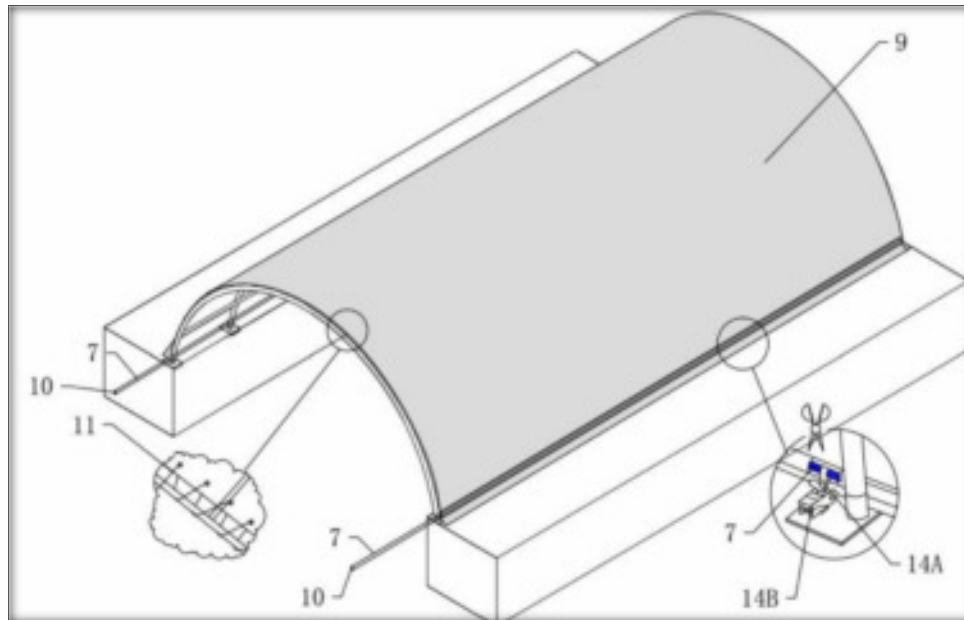


Figure 5

4. Weld the Angle seats (part code 8) on each container and use Rope (part code 11) to knit the cover on the two side arches and tie the Roof cover to the Angle seats.

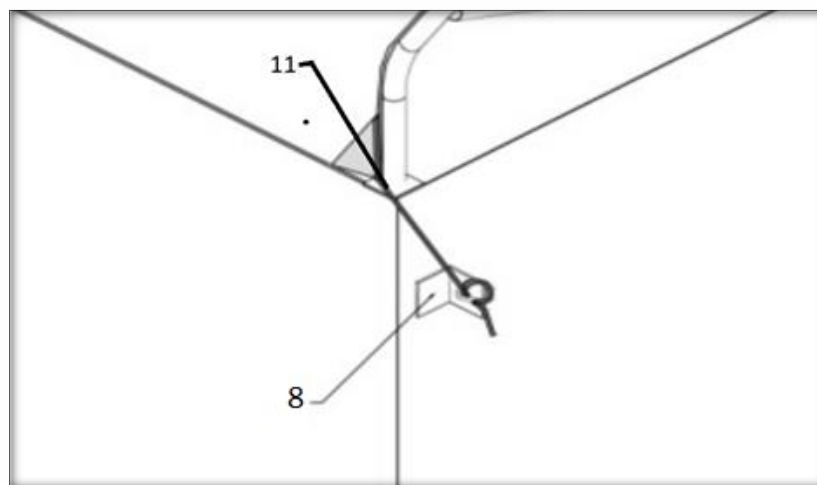


Figure 6

Please, check the detailed installation pictures below:



NOTES:

- DO NOT LEAVE THE ROOF COVER UNATTACHED UNDER ANYCIRCUMSTANCES until the final assembly and tightening has been completed.
- The process is quite easy, but some tightening adjustments will be necessary to get a flat, tensioned roof cover. Please adjust the roof cover every month.
- Wrap tape around the gap between the steel after installing.

