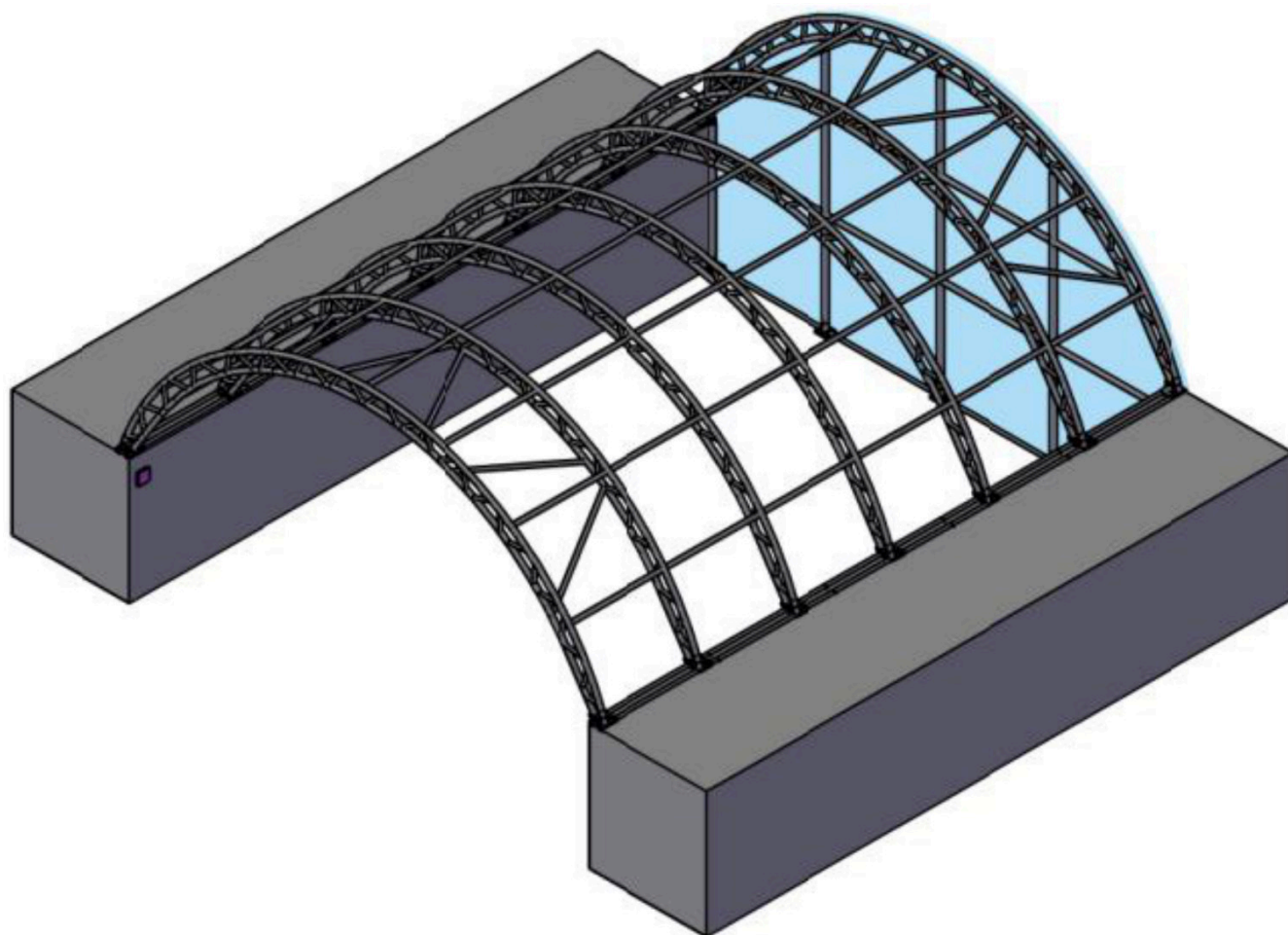




Container shelter 10 × 12 m

Model C3340S · arch spacing 2 m · with rear wall

C3340S

10 × 12 × 3.6 m

BEFORE ASSEMBLY

TECHNICAL DATA

MODEL

C3340S

WIDTH

10 m

LENGTH

12 m

HEIGHT

3.6 m

ARCH SPACING

2 m**IMPORTANT – READ THE INSTRUCTIONS BEFORE ASSEMBLY**

Incorrect site preparation, assembly or maintenance can cause unnecessary and costly errors. For easier assembly, each part is marked with a code given in the parts list – follow these codes and the drawings during assembly.

- Tension the roof cover sufficiently so that no sagging forms on the roof, and retighten it once or twice after a few months of use.
- This applies especially to assembly in cold weather (autumn or winter): the cover is stiff then, slackens with warmth and sun and must be retensioned before the next winter.
- The owner is responsible for removing snow from the roof immediately if it does not slide off by itself.

SAFETY DURING ASSEMBLY

1. Keep the work area clean. Clutter increases the risk of injury. Do not erect the shelter near snowdrifts, in slippery or wet places or in strong wind.
2. Children must be kept away from the work area.
3. Do not lean out. Keep a stable stance and balance throughout the assembly.
4. Do not carry out assembly under the influence of alcohol or drugs. If taking medication, read the warnings in the package leaflet to see whether it may affect judgement or reflexes. If in any doubt, do not carry out the assembly.
5. Allow for possible windy weather. If there is a risk of strong wind, fix the foundations in concrete. Remove the cover during a windstorm.
6. Be careful with electrical and heat sources. Do not place heat sources near the cover and do not expose it to open fire.
7. Pay attention to personal safety during assembly and use. During assembly, take care not to trap your fingers between the clips and tubes. During use, ensure sufficient ventilation for exhaust gases and other hazardous fumes.

EQUIPMENT AND TOOLS FOR INSTALLATION

Measuring tape

Alignment string

Ladder

Welder

Hammer

Spanner

Scissors

CHECK THE DELIVERY

PARTS LIST

Parts list of model C3340S for arch spacing 2 m.

NO.	Part name	Pcs
● L1-L5	Left lower square tube	5/1 set
● R1-R5	Right lower square tube	5/1 set
● 5L	Left base plate	7
● 5R	Right base plate	7
● 1	Upper (roof) arch tube	7
● 2	Side arch tube	14
● 3	Lower arch tube	14
● 4	Longitudinal purlin	42
● 5	Diagonal support tube	12
● 6	Clip (for No. 5)	32 sets
● 7	Tensioning tube	2 sets
● 8	Roof cover	1
● 9	Rope	1
● 10	Ratchet (tensioner)	14 sets
● 11	Ratchet with hook	4
● 11A	Angle bracket for fixing the roof cover	4
● 12	Iron connecting plate for square tubes	32
● 13	Hanger connecting the base to the container	12
● 14	Rear wall side base plate	2
● 15	Rear wall side post	2
● 16	Rear wall base plate	3
● 17	Rear wall lower post	3
● 18	Rear wall upper post	1
● 18L	Rear wall left side upper post	1
● 18R	Rear wall right side upper post	1
● 19	Rear wall horizontal tube	6
● 20	Rear wall side upper horizontal tube	2
● 21	Rear wall lower tensioning tube	4

NO.	Part name	Pcs
● 22	Extension tube for mounting on a 40' HQ container	5
● 23	Iron plate	2
● 24	Welded iron plate	5
● 25	Anchor stake	10
● 26	Rear cover	1
● 27	Bolt M8 × 70 mm	112 sets
● 28	Bolt M10 × 90 mm	75 sets
● 29	Bolt M12 × 40 mm	98 sets
● 30	Bolt M12 × 110 mm	8 sets
● 31	Plastic plug	12
● 31A	Square plastic plug	8
● 32	Tensioning strap	14
● 33	Bolt M10 × 30 mm	7 sets
● 34	Bolt M10 × 110 mm	64 sets
● 35	Ball bungee	2

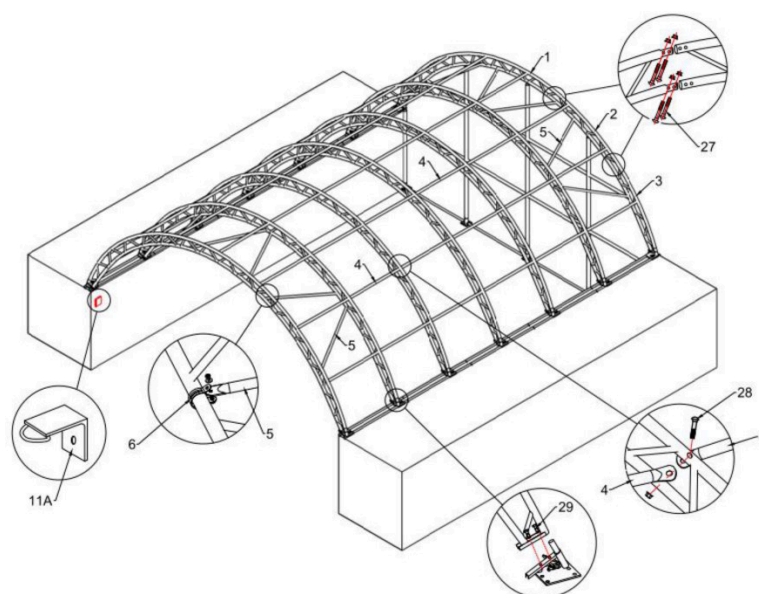


Fig. 1 - General drawing with part numbers

INSTALLING THE FOUNDATIONS

Place the base plates on the containers according to Fig. 2. Dimensions are given in metres.

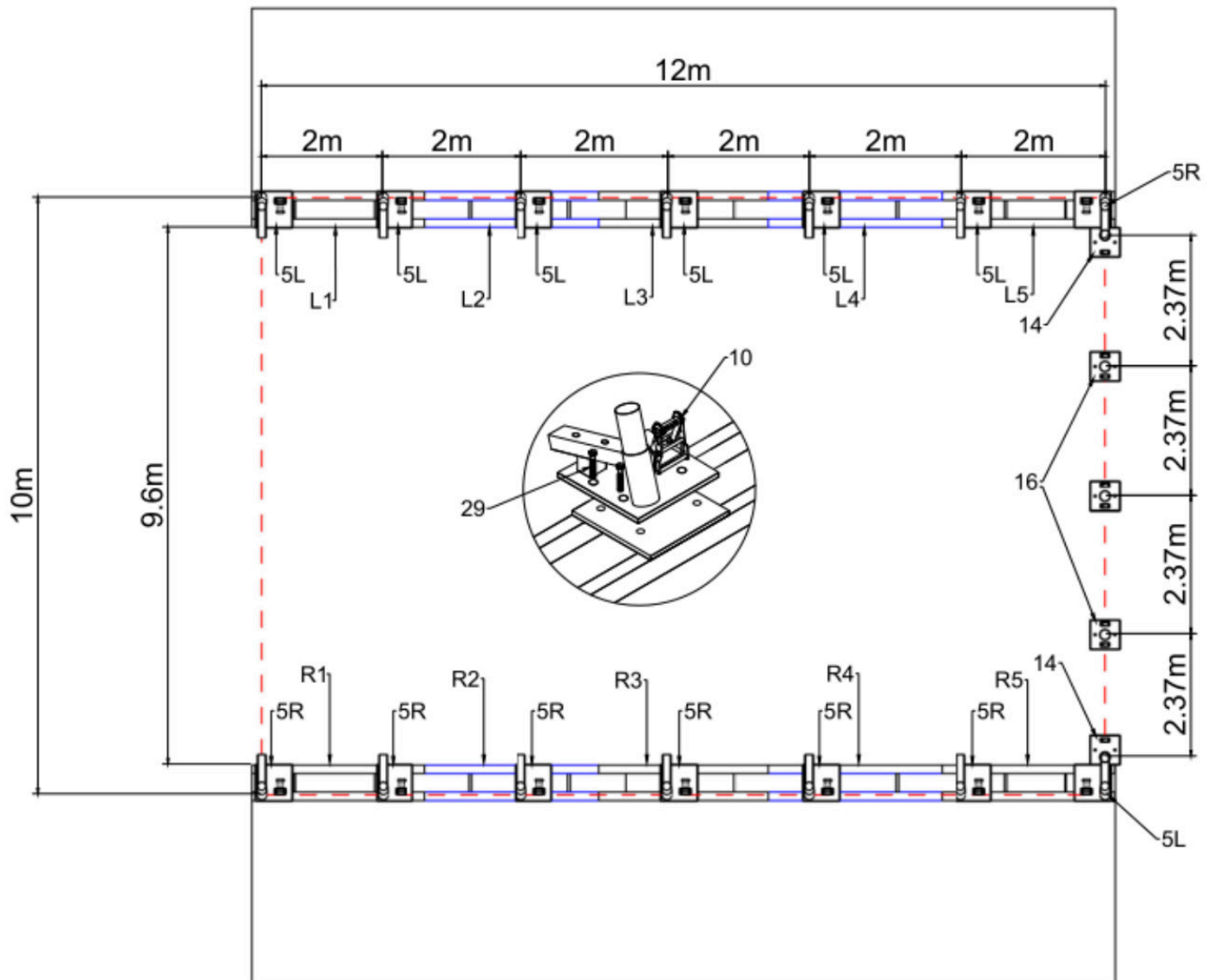


Fig. 2 - Base plate layout (dimensions in m), base plate detail with ratchet No. 10 and bolts No. 29

1

Dimensions are measured from tube centre to tube centre. Check the position of the base plates according to Fig. 2. Make sure the foundations are at right angles.

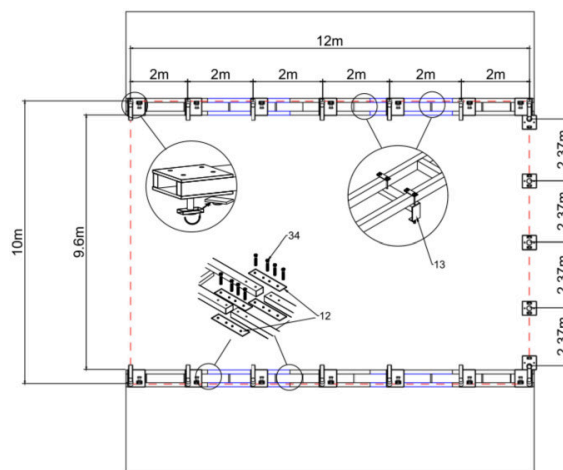
2

Fig. 3 - Connecting the square tubes with plates No. 12 and hangers No. 13

Connect the lower square tubes L1-L5 and R1-R5 with iron connecting plates No. 12 and bolts No. 34. Fix the tubes to the containers with hangers No. 13 according to Fig. 3.

3

All base plates must be welded to the container.

ROOF FRAME ASSEMBLY

1

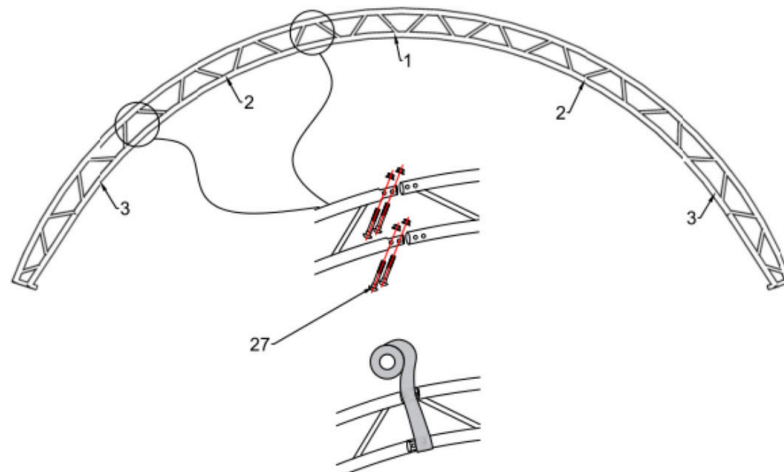


Fig. 4 – Arch assembly from tubes No. 1, 2 and 3

According to Fig. 4, prepare the first frame arch (at the front entrance): one upper arch tube No. 1, two side arch tubes No. 2 and two lower arch tubes No. 3. Connect them with bolts No. 27 (M8 × 70 mm). Mind the bolt direction – do not place bolts on the top side of the arch where the cover will rest.

2

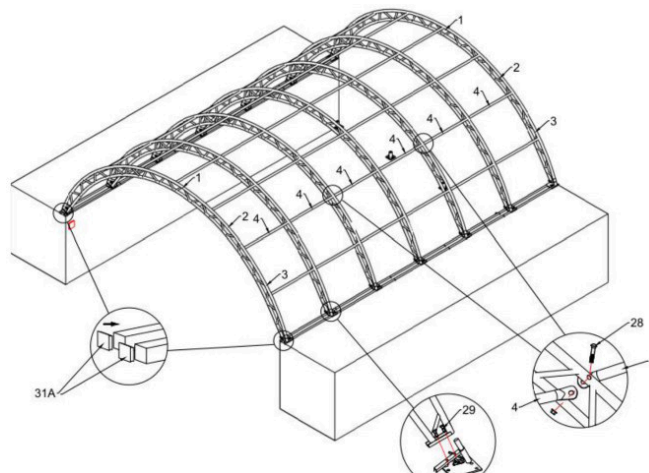


Fig. 5 – Fitting the arches and longitudinal purlins No. 4

Insert the first arch into the base plates according to Fig. 5 and secure it with bolts No. 29 (M12 × 40 mm).

3

Fit and fix the second arch in the same way. Then connect the longitudinal purlins No. 4 between the two arches with bolts No. 28 (M10 × 90 mm) according to Fig. 5. Insert square plugs No. 31A into the ends of the square tubes. Install all further frame arches one by one.

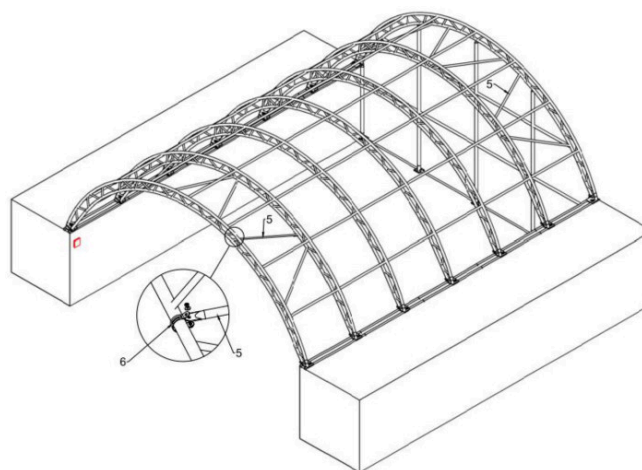


Fig. 6 – Diagonal support tubes No. 5 and clips No. 6

Finally, install the diagonal support tubes No. 5 using bolts and clips No. 6 according to Fig. 6. Assemble the frame step by step following this procedure.

**NOTE**

The frame arch will be slightly wider than the base plate spacing.

REAR FRAME AND REAR COVER

1

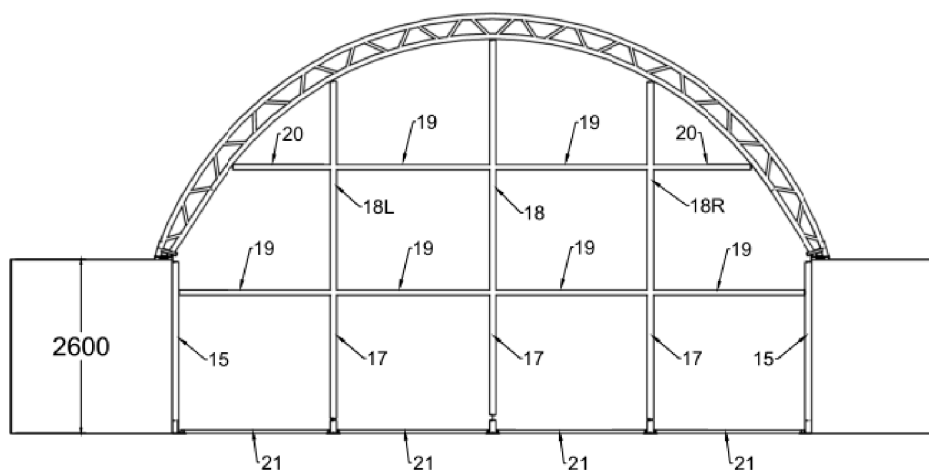


Fig. 7 – Rear frame for container height 2 600 mm

Assemble the rear frame according to Fig. 7 (container height 2 600 mm): side posts No. 15, lower posts No. 17, upper post No. 18, side upper posts No. 18L and 18R, horizontal tubes No. 19, side upper horizontal tubes No. 20 and lower tensioning tubes No. 21.

2

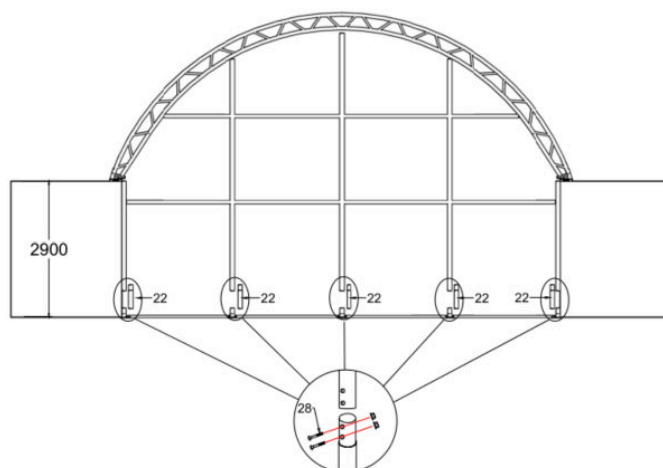


Fig. 8 – Rear frame for container height 2 900 mm (extension tubes No. 22)

For mounting on a 40' HQ container (height 2 900 mm), extend the posts with extension tubes No. 22 and secure them with bolts No. 28 according to Fig. 8.

3

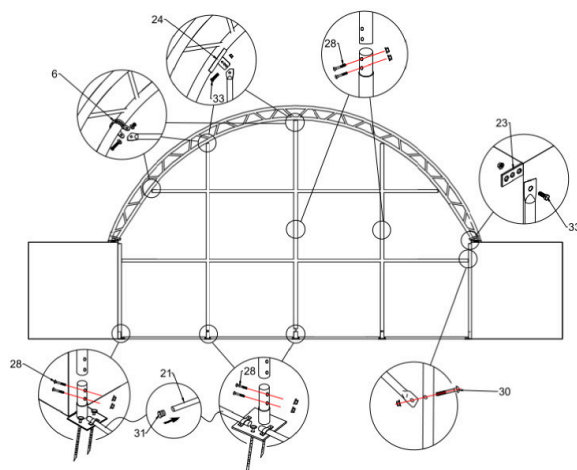


Fig. 9 - Rear frame joint details

Fix the rear frame joints according to Fig. 9: secure the posts in the base plates anchored with stakes using bolts No. 28, close the lower tensioning tubes No. 21 with plugs No. 31, and at the top connect the posts to the arch with iron plates No. 23 and welded plates No. 24 with bolts No. 33 and clips No. 6. Fix the side horizontal tubes with bolts No. 30.

4

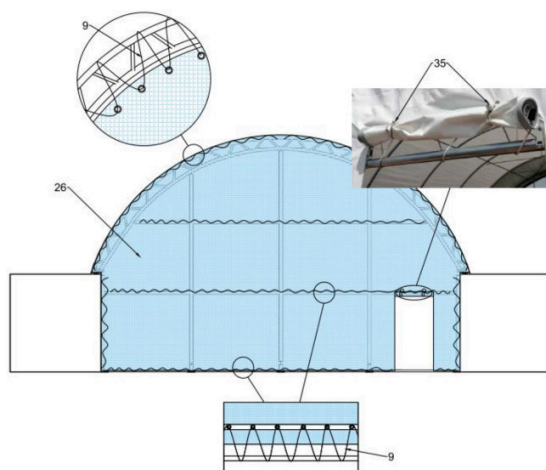


Fig. 10 - Rear cover No. 26 fixed with rope No. 9

Fit the rear cover No. 26 and fix it with rope No. 9 to the arch and the lower tensioning tubes according to Fig. 10. Secure the rolled-up entrance cover with ball bungees No. 35.

INSTALLING THE ROOF COVER



CAUTION

Install the cover on the frame only in light wind. A light breeze is best for installing the cover: pull the cover over the arches so that the wind blows into it, filling it like a sail.

1

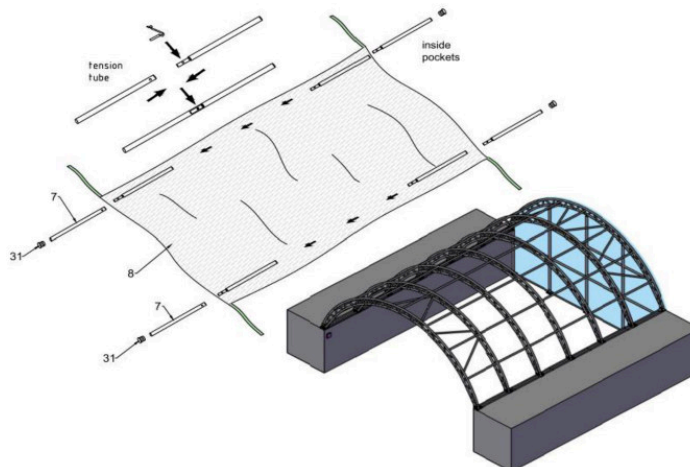


Fig. 11 – Tensioning tubes No. 7 in the roof cover pockets

Insert the tensioning tubes No. 7 into the pockets at both side ends of roof cover No. 8 and close their ends with plastic plugs No. 31.

2

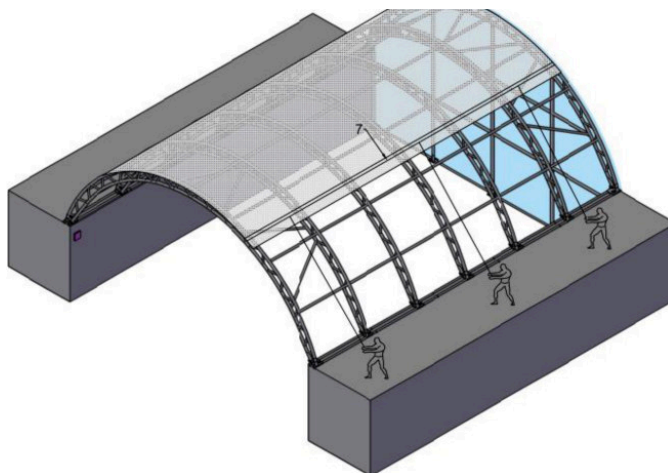


Fig. 12 – Pulling the roof cover over the frame

Lay the roof cover No. 8 on the frame evenly, carefully and slowly. Align the cover so that it is straight and centred on the frame.

3

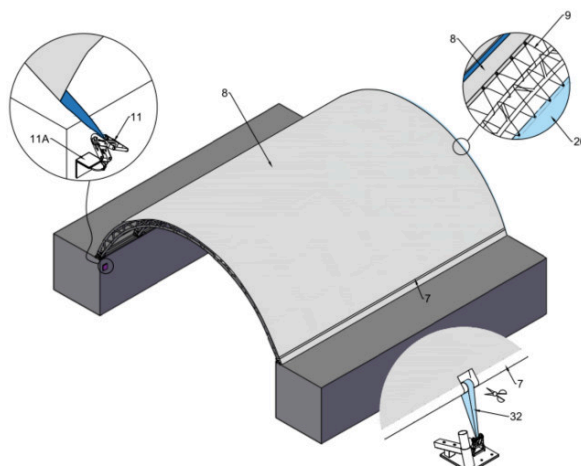


Fig. 13 – Fixing and tensioning the roof cover

Fix the angle brackets No. 11A on each container and tie the cover to both end arches with rope No. 9. Finally, attach the roof cover to the angle brackets with ratchets with hook No. 11 (Fig. 13).

4

Cut openings (pockets) in the cover above the ratchets No. 10 on the base plates and attach the tensioning tubes No. 7 with tensioning straps No. 32 according to Fig. 13. Fit plastic plugs No. 31 on both ends of the tensioning tubes. Finally, tie the cover with rope according to Fig. 13.

**IMPORTANT**

Under no circumstances leave the roof cover unsecured until the final assembly and tightening are completed. The procedure is fairly simple, but several tension adjustments will be needed to get a smooth, taut roof cover.

MAINTENANCE**MAINTENANCE AND USE**

- Check and retighten the roof cover every month – it must be smooth and taut.
- Retighten the cover after a few months of use and before winter.
- Remove snow from the roof immediately if it does not slide off by itself.

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Contact us with any questions about assembly.