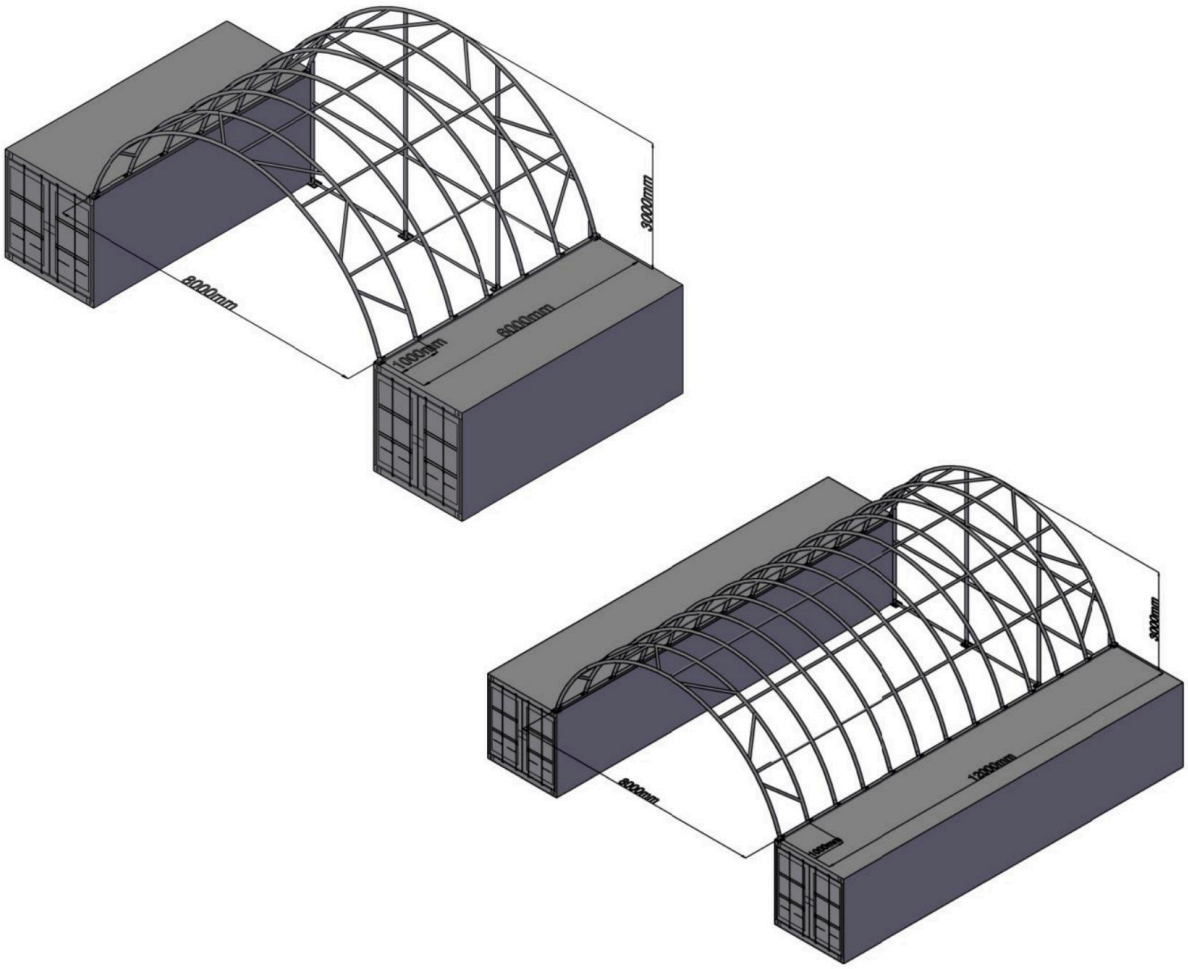
HAGRO
PLACHTOVÉ HALY



Container shelter, width 8 m

Models C2620E · C2640E · no welding

C2620E
8 × 6 × 3 m

C2640E
8 × 12 × 3 m

BEFORE ASSEMBLY

TECHNICAL DATA

Model	Width	Length	Height
C2620E	8 m	6 m	3 m
C2640E	8 m	12 m	3 m

IMPORTANT – READ THE INSTRUCTIONS BEFORE ASSEMBLY

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

- Tension the roof cover sufficiently so that no sagging ("hammocks") 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 and winter), when the cover is stiff. When the sun and warm weather arrive, it slackens and must be retightened before the following winter.
- The owner is responsible for removing snow immediately if it does not slide off by itself.

SAFETY DURING ASSEMBLY

1. Keep the work area clean. Clutter leads to injuries. Do not build near snowdrifts, in slippery or damp places or in strong wind.
2. Children must be kept away from the work area.
3. Do not overestimate your strength. Maintain proper stability and balance at all times.
4. Do not assemble under the influence of alcohol or drugs. Read the warnings on medication to see whether it affects your judgement or reflexes. If in doubt, do not assemble.
5. Allow for possible windy weather – if it is likely, fix the bases in concrete. Remove the cover during a windstorm.
6. Be careful when using 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, mind your fingers at the clamps and tubes. During use, ensure sufficient ventilation for exhaust gases and other hazardous fumes.

TOOLS AND EQUIPMENT

Measuring tape · Alignment string · Ladder · Welder · Hammer · Spanner · Scissors

CHECK THE DELIVERY

PARTS LIST

NO.	Part name	6 m	12 m
L1–L6	Left lower square tube	3/1 set	6/1 set
R1–R6	Right lower square tube	3/1 set	6/1 set
1	Roof arch tube	7	13
2	Upper arch tube	14	26
3	Lower arch tube	14	26
4	Connecting purlin	30	60
5	Wind-brace support tube	12	12
6	Clamp	30 sets	30 sets
7	Connector for fixing the square tube	8 sets	20 sets
7A	Bolt M10 × 110	16 sets	40 sets
7B	Iron plate for connecting the square tube base	8	20
8	Ratchet	14	26
9	Ratchet strap	14	26
10A	Lower roof cover tensioning tube	4	10
10B	Lower roof cover tensioning tube	2	2
11	Carriage bolt M8 × 80	108 sets	180 sets
12	Carriage bolt M10 × 90	41 sets	71 sets
13	Bolt M10 × 30	6 sets	6 sets
14	Square plastic plug	4	4
15	Plastic plug 32 for base rail	10	10
16	Roof cover	1	1
17	Ropes	1 bundle	1 bundle
18	Rear wall base plate	2	2
19	Rear wall side base plate	2	2
20	Rear wall side vertical leg	2	2
21	Brackets for the four container corners	4 sets	4 sets
22	Ratchet for four corners	4	4
23	Welded-on iron plate (for No. 20)	2	2
24	Rear wall lower vertical leg	2	2

NO.	Part name	6 m	12 m
25	Rear wall middle vertical leg	2	2
25L	Rear wall upper left vertical leg	1	1
25R	Rear wall upper right vertical leg	1	1
26	Additional tube for mounting on a 40' HQ container	4	4
27	Iron plate	4	4
28	Rear wall lower tensioning tube	3	3
29	Rear wall horizontal tube	4	4
29A	Rear wall side horizontal tube	2	2
30	Anchor stake	8	8
31	Rear cover	1	1

ASSEMBLY · PART A

BASE ASSEMBLY

1

Lay out the base plates according to Fig. 1 (length 6 m) or Fig. 2 (length 12 m). Dimensions are measured from tube centre to tube centre. Check the position of the base plates and make sure the bases are at right angles (equal diagonals).

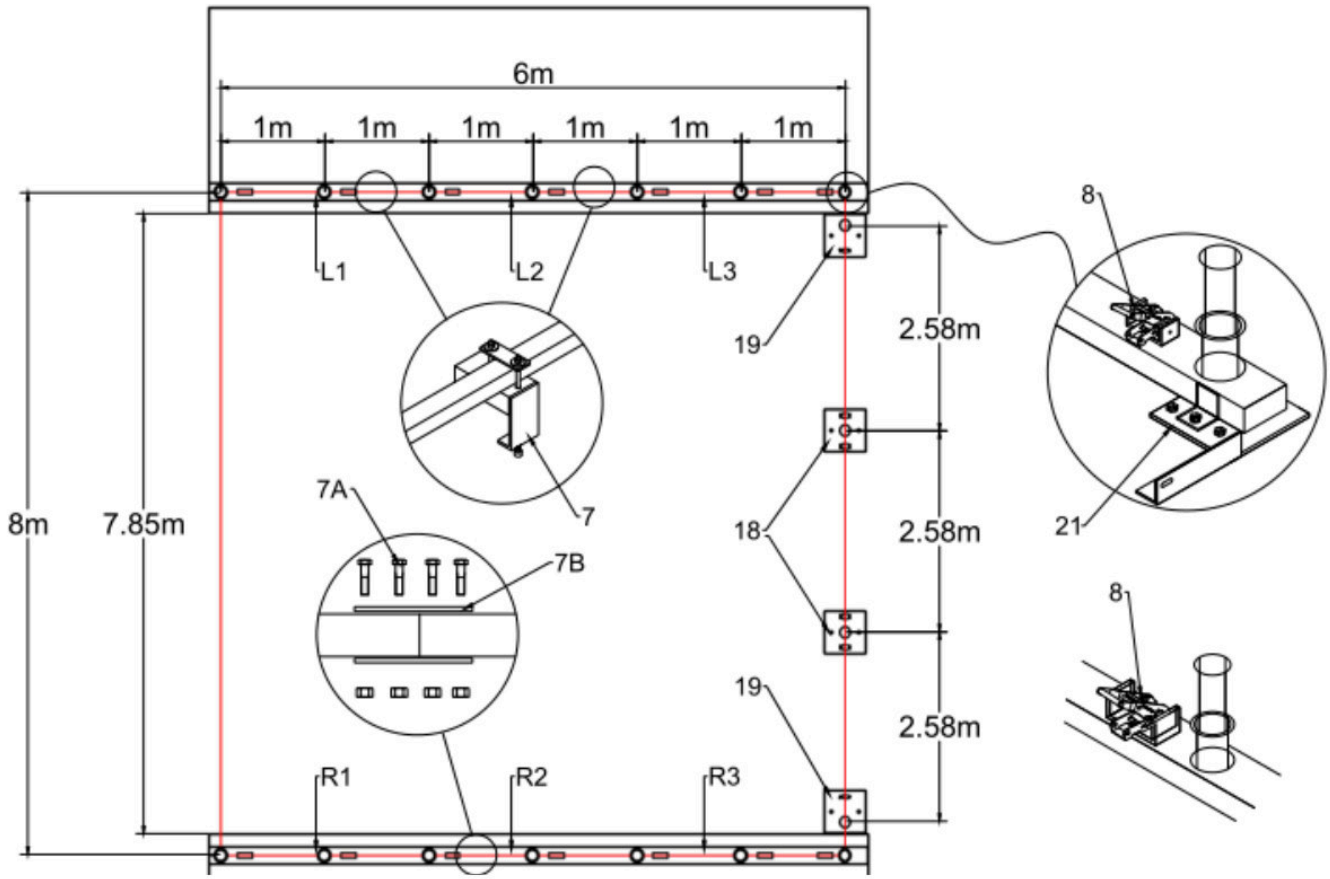


Fig. 1 – Base, length 6 m

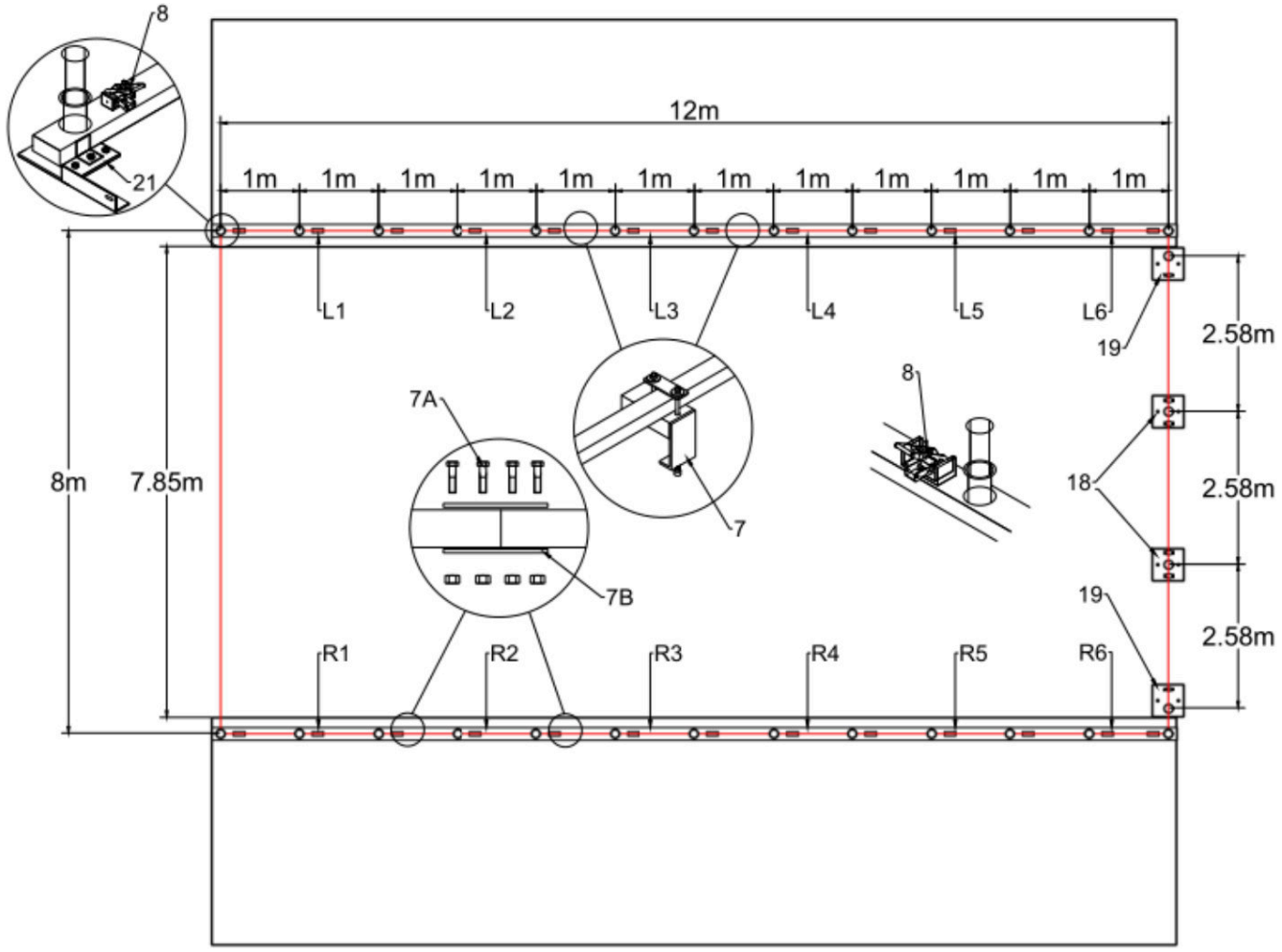


Fig. 2 – Base, length 12 m

2 The drawings show the lower square tubes L1–L6 and R1–R6 with base plates, their connection by connector No. 7 with bolts No. 7A and plate No. 7B, the corner brackets No. 21 with ratchet No. 8, and the rear wall base plates No. 18 and No. 19.

ASSEMBLY · PART B

FRAME ASSEMBLY

Assemble the frame as per the sketch (Fig. 3).

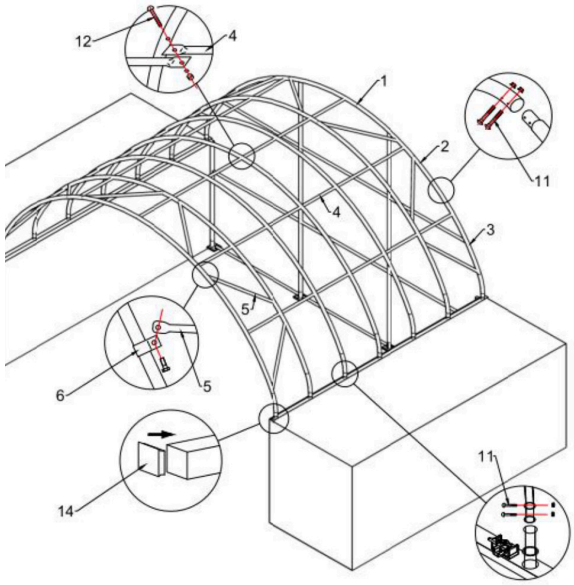


Fig. 3 – Frame sketch

1

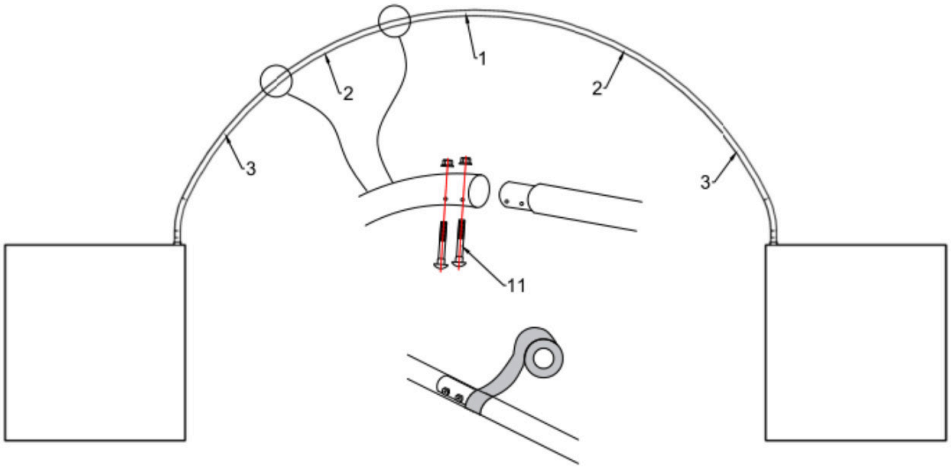


Fig. 4 – Arch assembly

According to Fig. 4, prepare the roof arch tube (No. 1), the upper arch tube (No. 2) and the lower arch tube (No. 3) and connect them with M8 × 80 bolts (No. 11) – this forms one arch. Mind the bolt direction: do not leave them on top of the frame where the cover will rest.

2

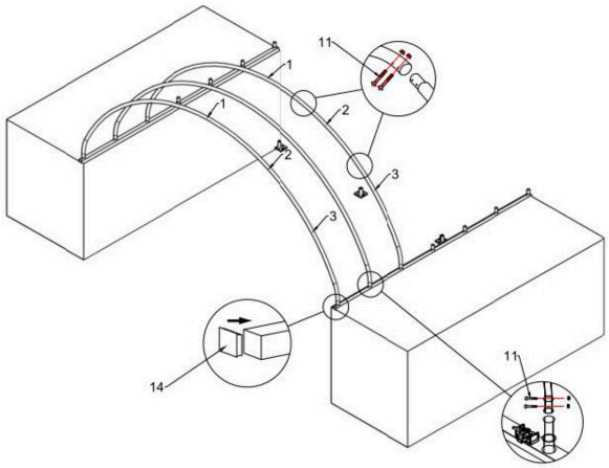


Fig. 5 – Fitting the arches into the base plates (No. 11, 14)

Insert one end of the assembled arch into the lower base plate and push the other end of the arch into the opposite base plate (Fig. 5).

3

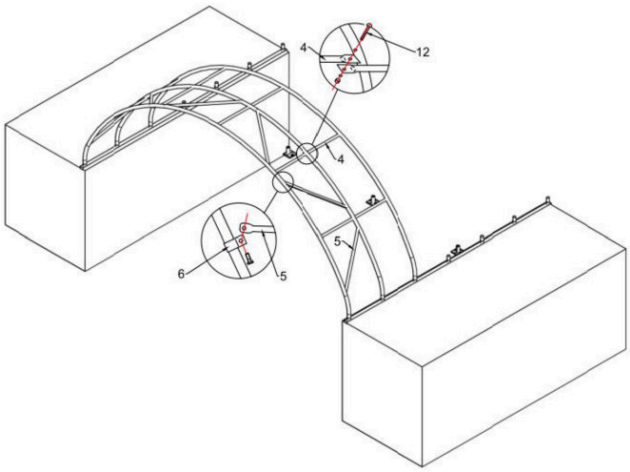


Fig. 6 – Purlins and wind-brace tubes (No. 4, 5, 6, 12)

After fitting the first two arches, connect them with connecting purlins (No. 4) and bolts (No. 12). 5 purlins (No. 4) are connected between every two arches. Then fit further arches into the base plates and connect the purlins.

4

Finally, fit the wind-brace support tubes (No. 5) using bolts and clamps (No. 6). Assemble the frame arch by arch in this way.

ASSEMBLY · PART C

REAR FRAME AND REAR COVER

1

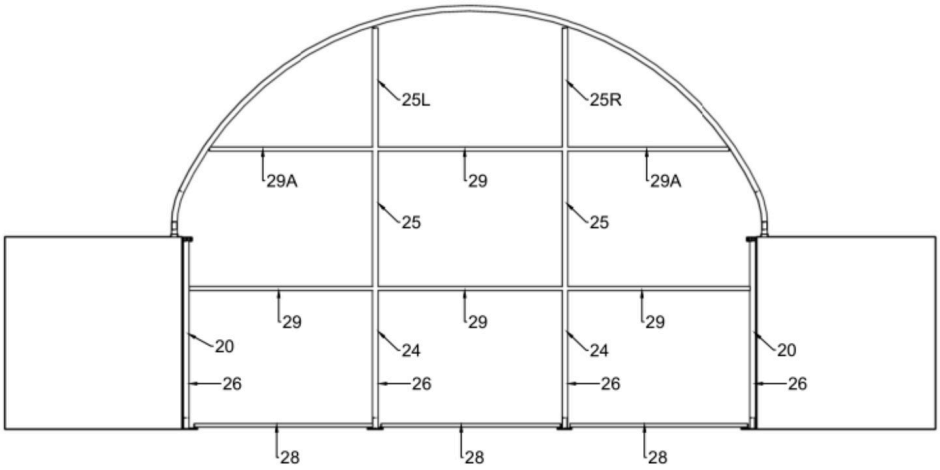


Fig. 7 – Rear frame, part numbers

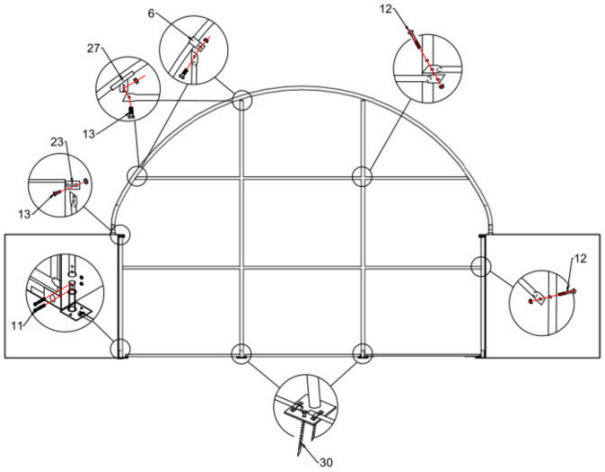


Fig. 8 – Rear frame, joint details

Fit the rear frame according to Fig. 7 and 8: side vertical legs (No. 20), lower (No. 24), middle (No. 25) and upper vertical legs (No. 25L, 25R), additional tubes (No. 26), lower tensioning tubes (No. 28) and horizontal tubes (No. 29, 29A). Joints as shown in the details in Fig. 8: clamps No. 6, bolts No. 11, 12 and 13, plates No. 23 and 27 and anchor stakes No. 30.

2

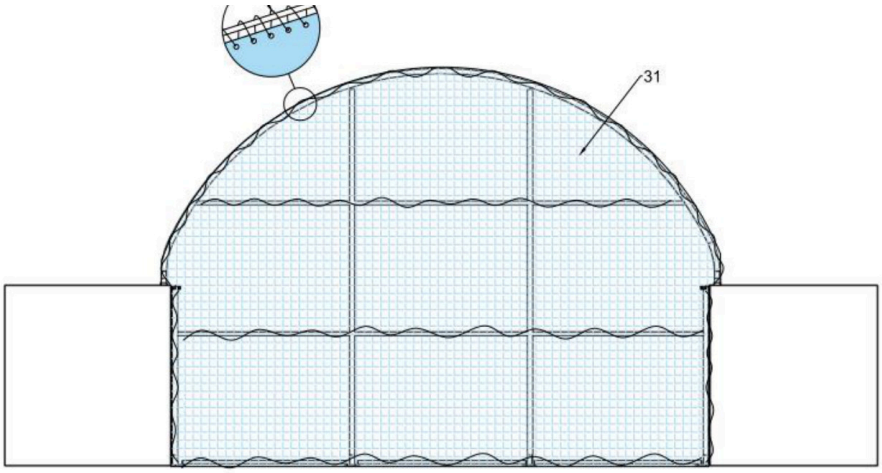


Fig. 9 – Rear cover

After fitting the rear frame, attach the rear cover (No. 31) with rope (No. 17) and fix it firmly.

ASSEMBLY · PART D

FITTING THE ROOF COVER

CAUTION

Do not fit the cover on the frame in strong wind. A light breeze gives the best conditions – the wind helps when pulling the cover over. To make use of the wind, pull the cover over the arches so that the wind fills it like a sail.

1

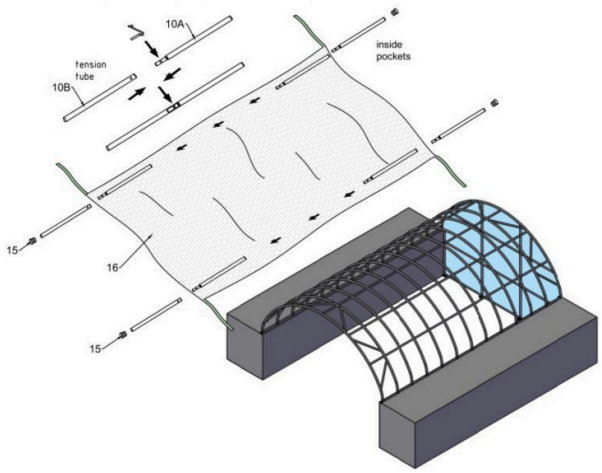


Fig. 10 – Tensioning tubes in the cover pockets

Before fitting the roof cover, insert the lower tensioning tubes (No. 10A + 10B) into the pockets on the edges of the roof cover and fit plastic plugs (No. 15) on the ends – Fig. 10.

2

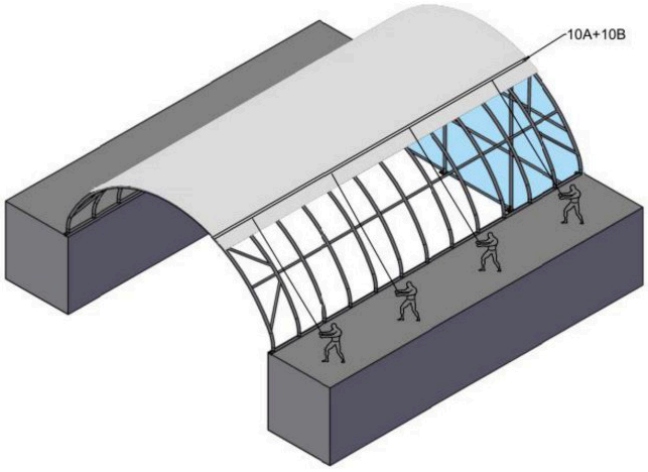


Fig. 11 – Pulling the cover over the frame

Lay the roof cover (No. 16) on the frame evenly, carefully and slowly and adjust it so that it is evenly centred on the frame (Fig. 11).

3

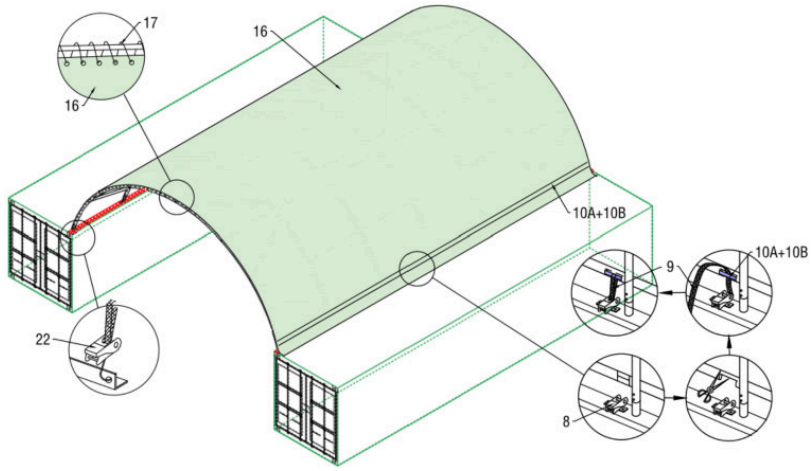


Fig. 12 – Fixing the cover (No. 8, 9, 10A + 10B, 16, 17, 22)

Cut the pockets according to the base plate positions and insert the lower tensioning tubes (No. 10A + 10B) into them. Then fix the lower tensioning tubes with straps (No. 9) according to Fig. 12. Finally, fit plastic plugs (No. 15) on both ends of the lower tensioning tubes.

4

When the cover is stretched and centred: there is a gold-coloured ratchet on each base plate – vertically above it, cut an opening as wide as the white strap in the cover hem (behind the inserted tube).

CAUTION

Do not leave the roof cover unattended until it is finally fixed and tightened.

MAINTENANCE

The cover tension will need adjusting several times to get a smooth, taut roof cover. Check and adjust the cover every month. Keep these instructions for future reference.

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