



Gable-roof tent hall, width 10 m

Series P33-20DP · models P334020DP · P336020DP · P338020DP

P334020DP

10 × 12.2 × 6.7 m

P336020DP

10 × 18.3 × 6.7 m

P338020DP

10 × 24.4 × 6.7 m

BEFORE ASSEMBLY

TECHNICAL DATA

Model	Width	Length	Height
P334020DP	10 m	12.2 m	6.7 m
P336020DP	10 m	18.3 m	6.7 m
P338020DP	10 m	24.4 m	6.7 m

Arch spacing: 3.05 m (according to the foundation layout drawing).



IMPORTANT - READ THE INSTRUCTIONS BEFORE ASSEMBLY

Incorrect site preparation, assembly or maintenance can cause unnecessary and costly errors. If you have any questions, please contact us. 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 ("pockets") 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 when it gets warmer and must be retightened 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 hall near snowdrifts, on slippery or wet surfaces or in strong wind.
2. Children must be kept away from the work area.
3. Do not overstrain or lean out. Keep a stable stance and balance throughout the assembly.
4. Do not carry out assembly under the influence of alcohol, drugs or medication that may affect judgement or reflexes. If in doubt, do not carry out the assembly.
5. Allow for windy weather. If there is a risk of strong wind, fix the hall foundations in concrete. Remove the cover during a windstorm or very strong wind.
6. Be careful with heat and electrical power 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. Take care not to trap your fingers between the clips and tubes. When using the hall, ensure sufficient ventilation for exhaust gases and other hazardous fumes.



SAFETY TIP

Always use suitable protective equipment such as safety glasses and gloves.

TOOLS AND EQUIPMENT

Measuring tape

Alignment string

Drill

Hammer

Ladder or scissor lift

Spanners

Knife

Lifting device

CHECK THE DELIVERY

PARTS LIST

The original parts list gives only part numbers and quantities. Part names have been added from the drawings – always identify parts by the number in the drawing.

NO.	Part name	P334020DP	P336020DP	P338020DP
● 1	Arch ridge tube	7	5	7
● 1A	Arch ridge tube of front and rear wall	2	2	2
● 2	Upper arch tube	14	10	14
● 2A	Upper arch tube of front and rear wall	4	4	4
● 3	Shoulder tube	18	14	18
● 4	Leg	16	12	16
● 4A	Leg of front and rear wall	2	2	2
● 5	Purlin	72	54	72
● 6	Base plate	14	10	14
● 6L	Corner base plate, left	2	2	2
● 6R	Corner base plate, right	2	2	2
● 7	Ratchet	22	18	22
● 8	Base plate of front and rear wall	4	4	4
● 9	Door frame connecting plate	8	8	8
● 9L	Lower door rail, left	2	2	2
● 9R	Lower door rail, right	2	2	2
● 10L	Upper door rail, left	2	2	2
● 10R	Upper door rail, right	2	2	2
● 11	Door crossbar	2 sets	2 sets	2 sets
● 11A	Vertical tube above door crossbar	2	2	2
● 12	Horizontal tube of front and rear wall	4	4	4
● 13	Horizontal tube for mechanical winch	2	2	2
● 13A	Mechanical winch	2	2	2
● 14	Lower tensioning tube of front and rear wall	4	4	4
● 15	Door cover support tube	14 sets	14 sets	14 sets
● 16	Roof cover tensioning tube	2 sets	2 sets	2 sets
● 17	Anchor stake	80	64	80

NO.	Part name	P334020DP	P336020DP	P338020DP
● 18	Side steel cable	16	12	16
● 18A	Triangular plate for cable attachment	8	6	8
● 19	Roof steel cable	12	12	12
● 19A	Clip	30	30	30
● 20	Ratchet strap	14	14	18
● 21	Arch joint bolt	90	126	162
● 22	Purlin and cable bolt	45	63	81
● 23	Front and rear wall frame bolt	60	60	60
● 24	Plastic end cap	12	12	12
● 25	Rope	1	1	1
● 26	Small ratchet with strap	30	30	30
● 27	PPR tube	16	16	16
● 28	Front and rear wall cover	2	2	2
● 29	Roof cover	1	1	1

CHECK THE DELIVERY

STRUCTURE DRAWING

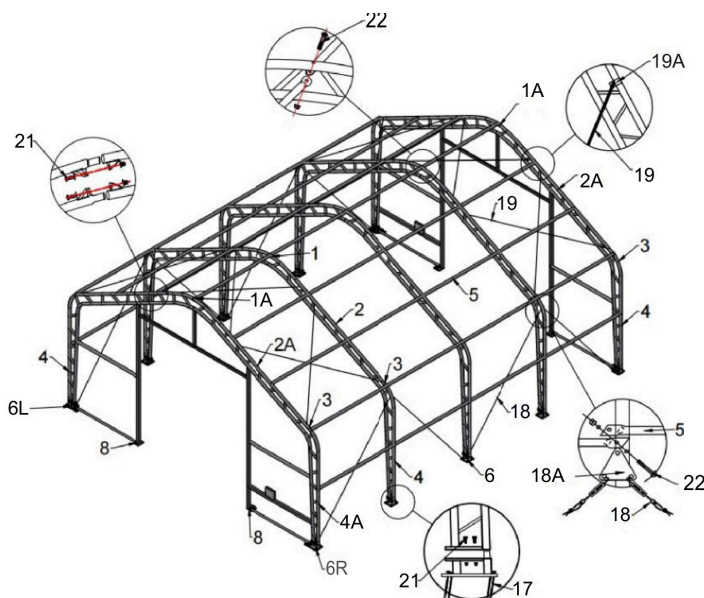


Fig. 1a - Frame drawing P334020DP

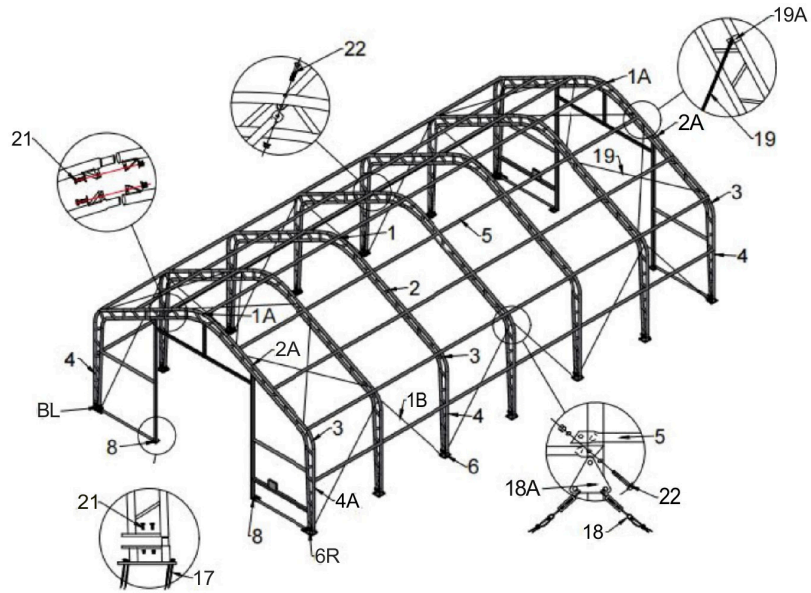


Fig. 1b - Frame drawing P336020DP

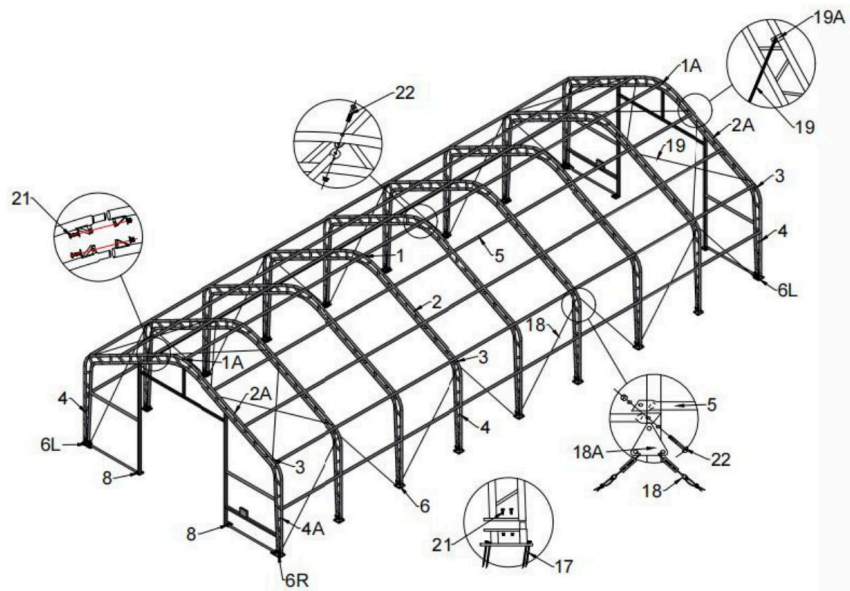


Fig. 1c - Frame drawing P338020DP

INSTALLING THE BASE PLATES

When positioning the base plates, follow Fig. 2 for the length of your hall.

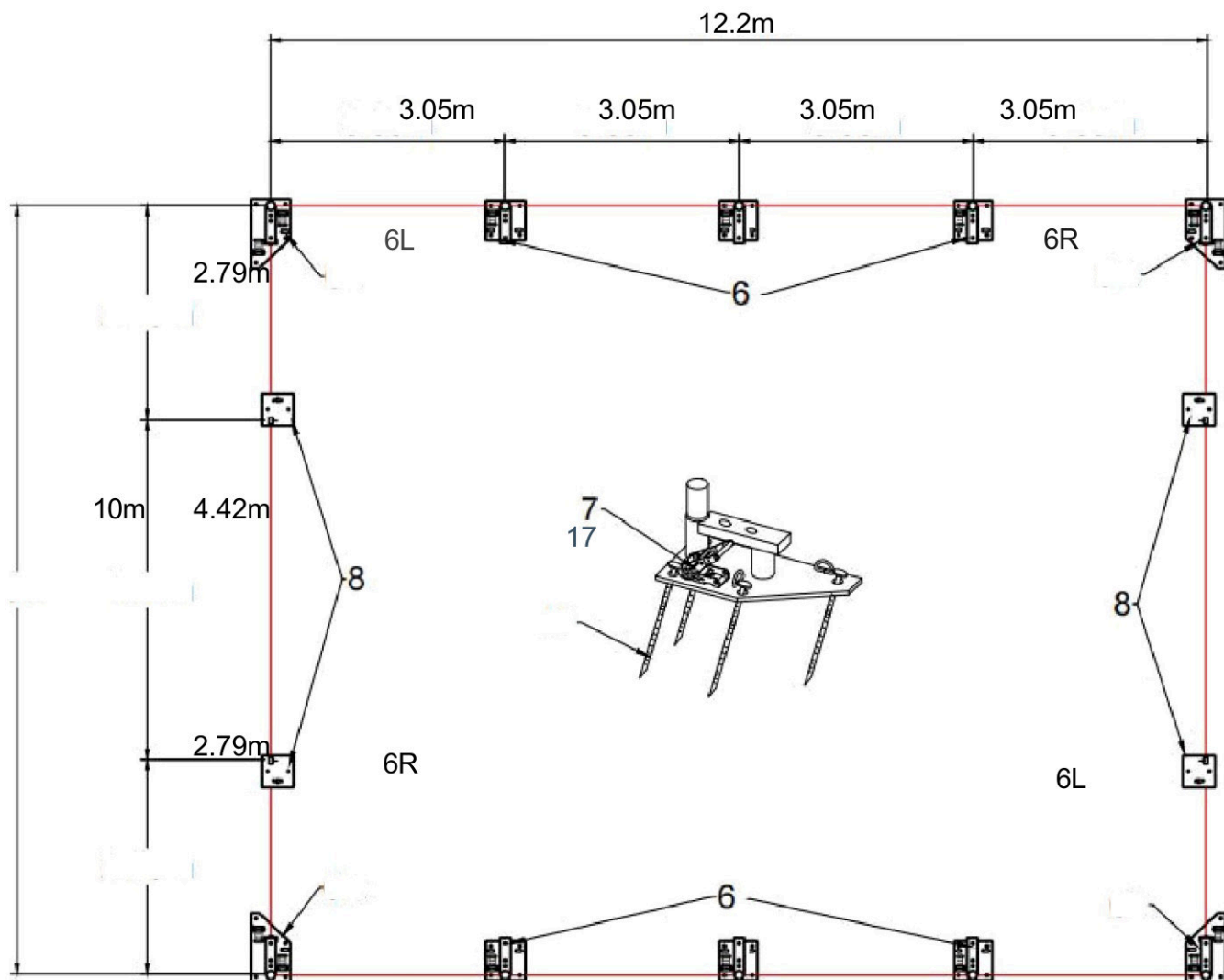


Fig. 2a - Base plate layout, length 12.2 m

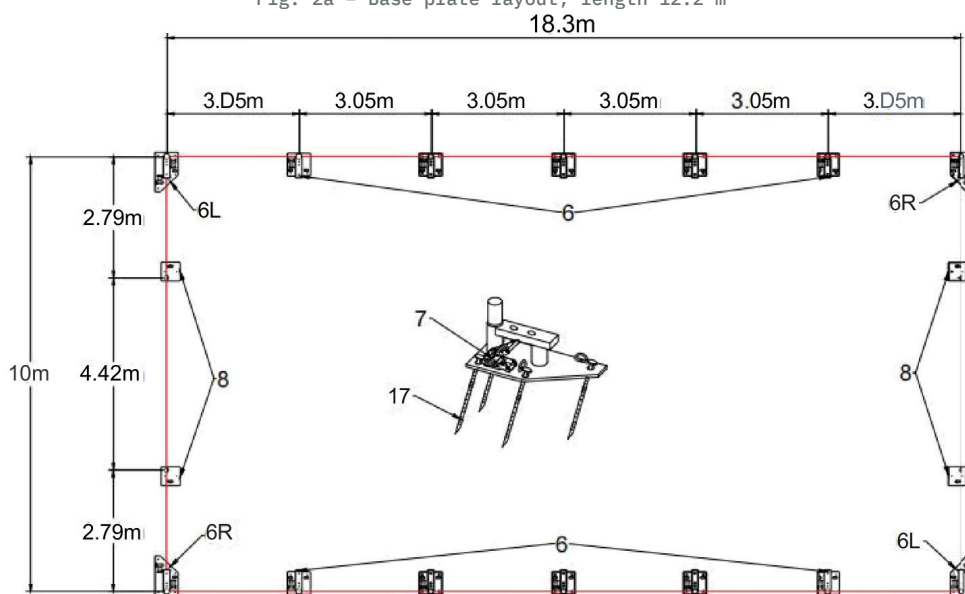


Fig. 2b - Base plate layout, length 18.3 m

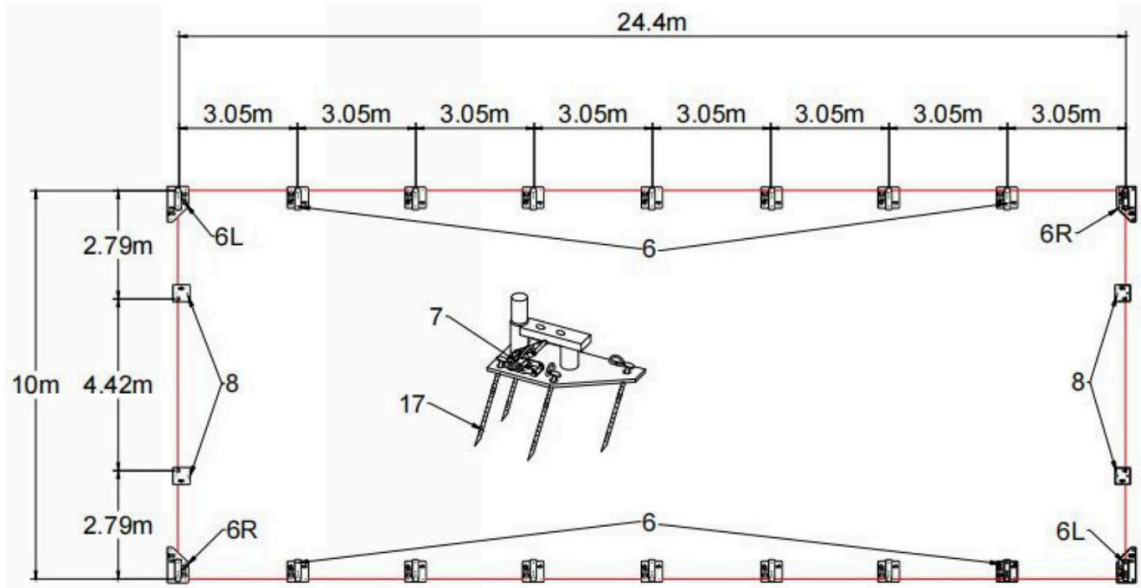


Fig. 2c – Base plate layout, length 24.4 m

1

Dimensions are measured from tube centre to tube centre on the base plates. Check the position of the base plates according to Fig. 2. Each plate has four holes for anchor stakes and comes with 4 anchor stakes No. 17.

2

Mark the stake positions by pushing a stake through the hole in the base plate and marking the point where it is to be driven in. Then set the plate aside – the marked points give the stake positions.

i

NOTE

The anchor stakes are intended for normal conditions – they are not suitable for stony terrain, frozen ground or concrete surfaces.

FRAME ASSEMBLY

The original instructions give only drawings in this section. The steps describe what is evident from the part numbers in the drawings.

1

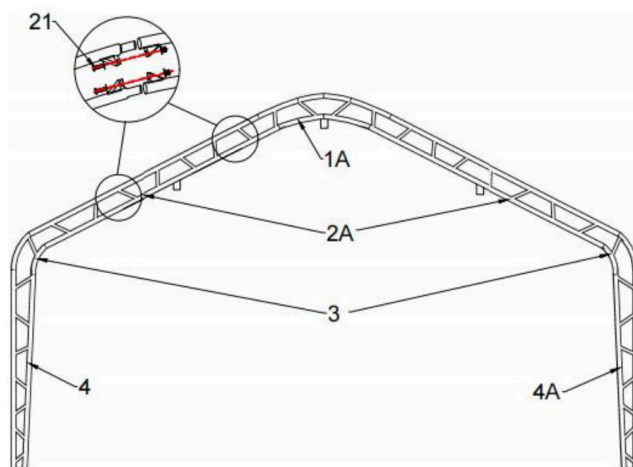


Fig. 3 – Front and rear wall arch

Assemble the front and rear wall arch from parts No. 1A, 2A, 3, 4 and 4A and secure the joints with bolts No. 21 (Fig. 3).

2

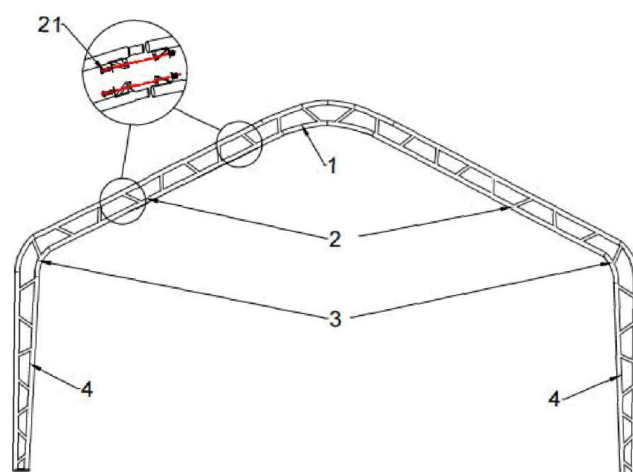


Fig. 4 – Middle arch

Assemble the middle arches in the same way from parts No. 1, 2, 3 and 4 with bolts No. 21 (Fig. 4).

3

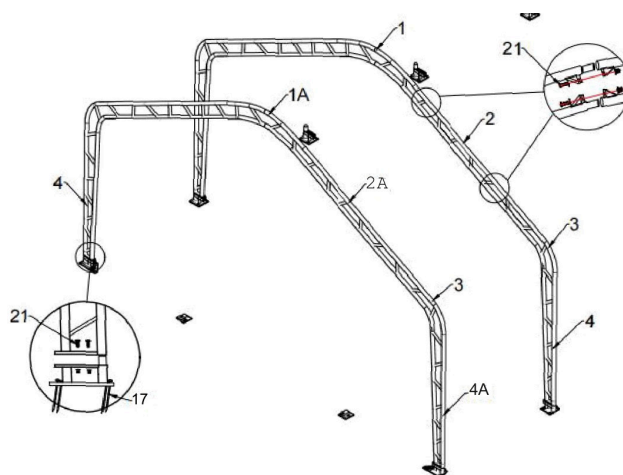


Fig. 5 - Fitting the arches into the base plates

Fit the arches into the base plates and secure them with bolts No. 21. The base plates are anchored with anchor stakes No. 17 (Fig. 5).

4

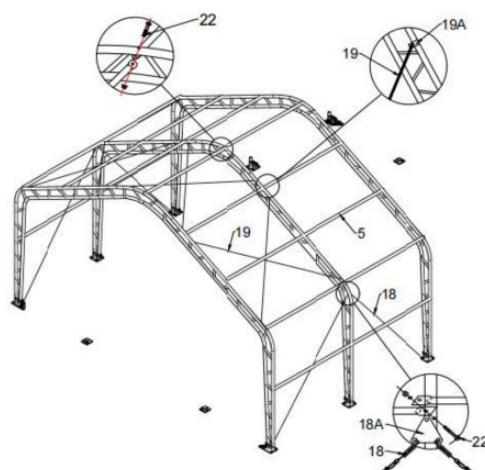


Fig. 6 - Purlins and steel cables

Fit the purlins No. 5 between the arches with bolts No. 22. Connect the side steel cables No. 18 with triangular plates No. 18A and bolts No. 22; fix the roof steel cables No. 19 with clips No. 19A (Fig. 6).



IMPORTANT

Do not fully tighten the nuts until the frame is completely assembled and in place. Assemble the arches and the front and rear walls on the ground first, and only then fit them into the base plates.

FRONT AND REAR WALL WITH DOOR

1

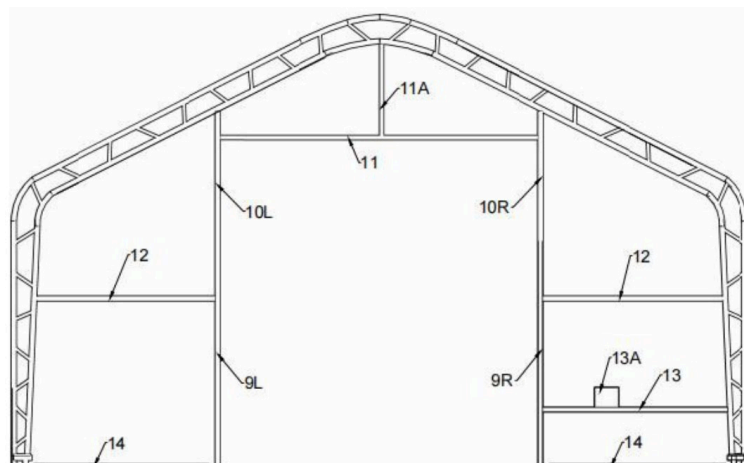


Fig. 7 – Front and rear wall frame parts

Assemble the front wall frame: lower door rails No. 9L/9R, upper door rails No. 10L/10R, door crossbar No. 11 with vertical tube No. 11A, horizontal tubes No. 12, horizontal tube No. 13 with mechanical winch No. 13A and lower tensioning tubes No. 14 (Fig. 7).

2

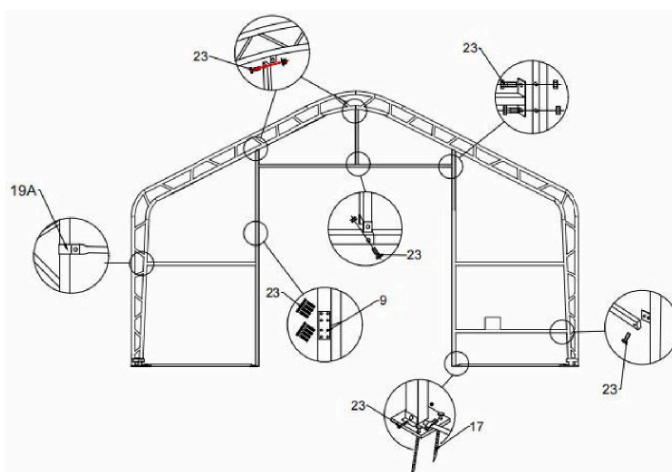


Fig. 8 – Frame joints

Secure the frame joints with bolts No. 23; use connecting plates No. 9 at the rail joints. Fix the horizontal tubes to the arch with clips No. 19A and anchor the base plates with anchor stakes No. 17 (Fig. 8).

3

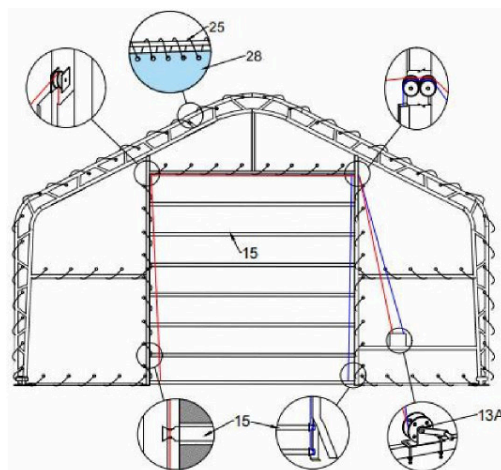


Fig. 9 – Front wall cover and door with winch

Stretch the front and rear wall cover No. 28 and tie it with rope No. 25. Insert the support tubes No. 15 into the door cover. Run the steel cable of the mechanical winch No. 13A over the pulleys at the top of the door frame and through the support tubes of the door cover (Fig. 9). Assemble the rear wall in the same way.

INSTALLING THE ROOF COVER



CAUTION

Do not install the roof cover in strong wind.

1

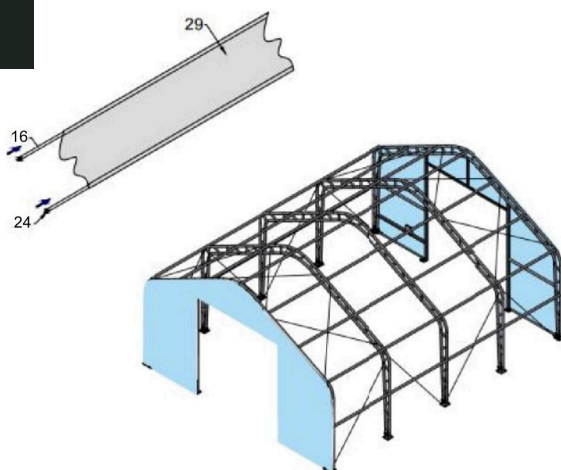


Fig. 10a – Length 12.2 m

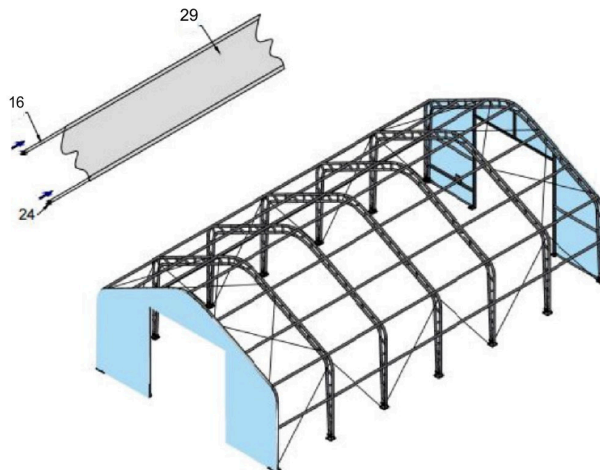


Fig. 10b – Length 18.3 m

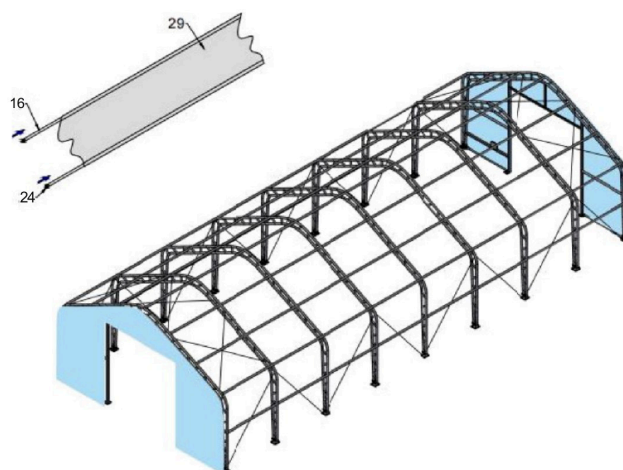


Fig. 10c – Length 24.4 m

Prepare the roof cover No. 29. Insert the roof cover tensioning tubes No. 16 into the pockets on its edges and close the ends with plastic end caps No. 24 (Fig. 10 according to hall length).

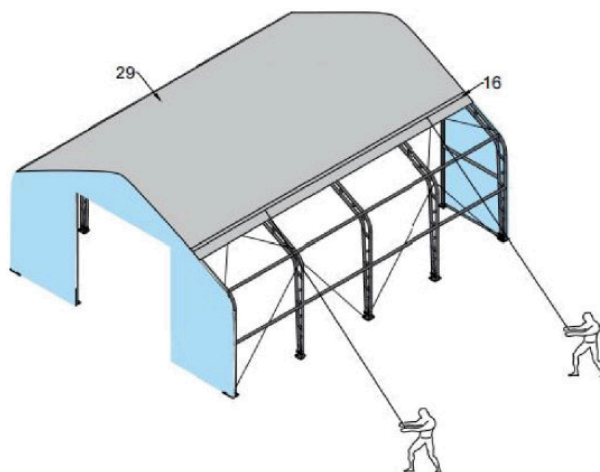


Fig. 11 - Pulling the roof cover over

Pull the roof cover over the frame with ropes evenly, carefully and slowly (Fig. 11).

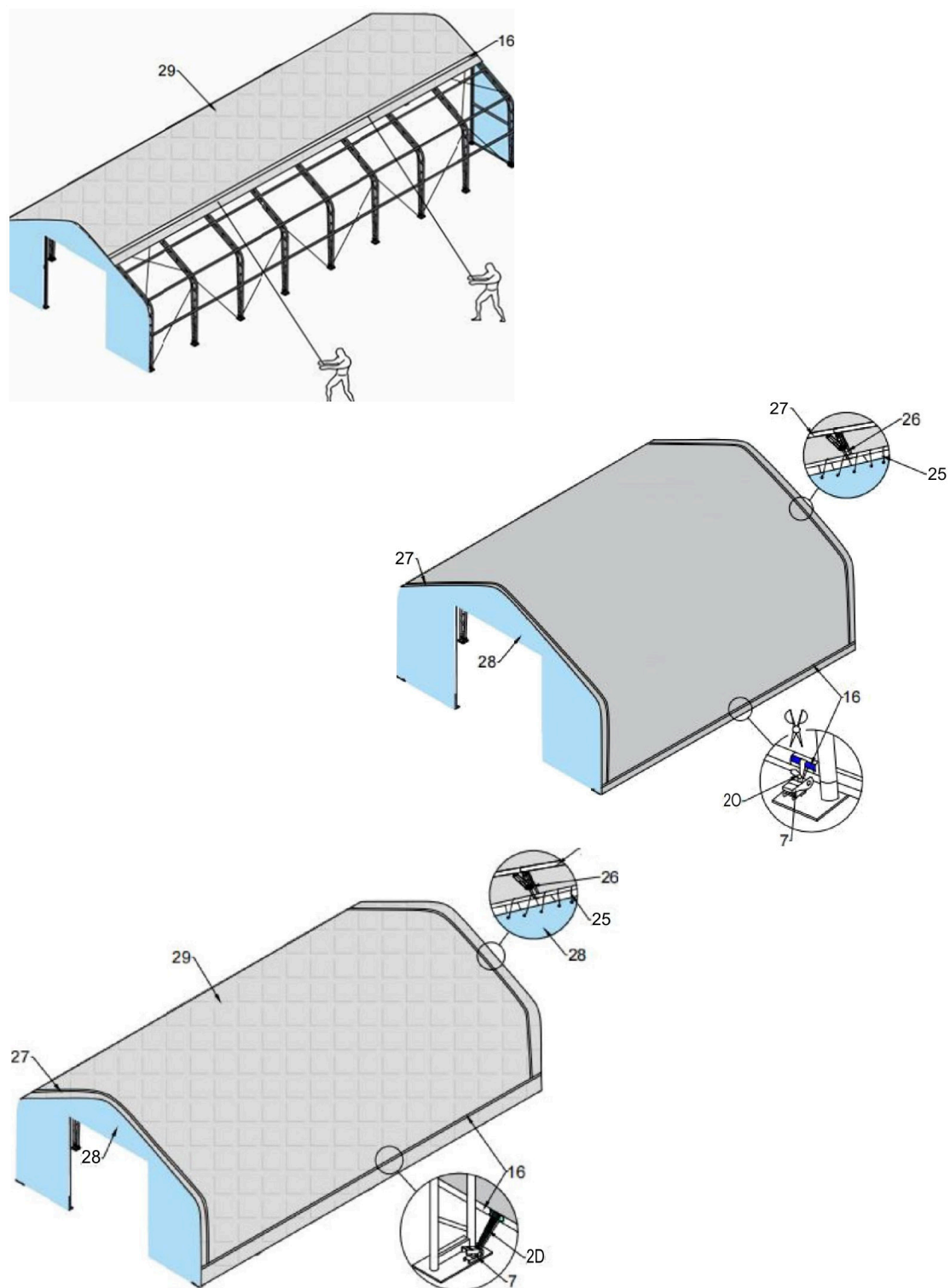


Fig. 12 - Pulling over and finished roof cover: fixing details with PPR tube No. 27, small ratchets No. 26 and strap No. 20 in ratchet No. 7

3

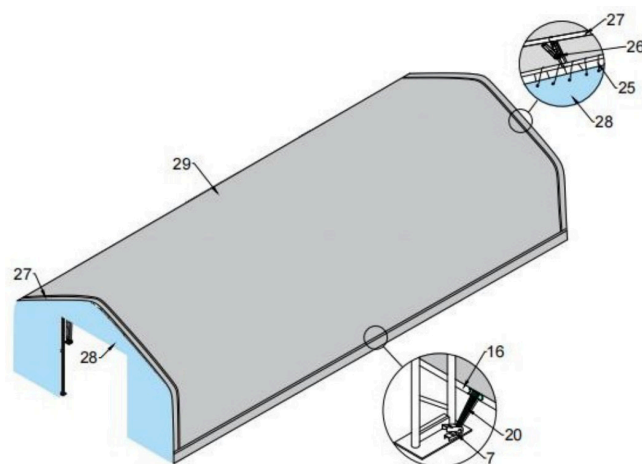


Fig. 13 - Fixing the roof cover

Centre and fix the cover. Secure the roof cover edge at the front and rear arch with PPR tube No. 27 and small ratchets No. 26. Attach the tensioning tubes No. 16 with straps No. 20 to ratchets No. 7 on the base plates (Fig. 12 and 13).

4

Tension the roof cover from front to back by lacing with rope or with straps through the grommets in the main cover flaps at the front and rear arch. Use the supplied rope or straps to lace the grommet flaps around the front and rear arch of the main frame. Start at the top centre of each arch and lace towards both sides. Extend the rope as necessary by tying pieces together, or shorten it by cutting.

MAINTENANCE

MAINTENANCE AND USE

- 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.



KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE.



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Contact us with any questions about assembly.