



Tent hall, width 6 m

Models 203012R · 204212R · 206012R

203012R

6.1 × 9.15 × 3.66 m

204212R

6.1 × 12.81 × 3.66 m

206012R

6.1 × 18.3 × 3.66 m

BEFORE ASSEMBLY

TECHNICAL DATA

Model	Width	Length	Height
203012R	6.1 m	9.15 m	3.66 m
204212R	6.1 m	12.81 m	3.66 m
206012R	6.1 m	18.3 m	3.66 m

Door size: width 4.3 m × height 3.2 m.

**IMPORTANT!**

- Incorrect site preparation, incorrect assembly and maintenance may void the warranty and cause unnecessary and costly repairs. If you have any questions, please contact us.
- In these instructions each part is marked separately with a number that matches the parts list.
- Before starting assembly, check that the delivery is complete against the enclosed parts list.
- Snow must be removed from the cover if it does not slide off by itself.

READ ALL INSTRUCTIONS BEFORE ASSEMBLY

- Keep the work area clean. Untidy areas can cause injury. Do not erect the hall near snowdrifts, in slippery or wet places or in places with strong wind.
- Consider the possible wind conditions and, if possible, anchor the foundations in concrete. If you expect wind gusts above the cover's resistance (100 km/h), remove all covers.
- Do not use energy or heat sources that could damage the cover.
- Pay attention to personal safety during assembly and use of the hall. Be careful when assembling. Ensure sufficient ventilation for exhaust gases and other hazardous fumes.

BEFORE ASSEMBLY

SITE PREPARATION AND ANCHORING

The maximum deviation of the anchoring surface is a 2 % slope.

**BASE PLATE LEVEL**

The ground must be levelled precisely where the edges of the hall will be – all base plates must be on one level!

- In locations with strong wind gusts, the anchoring must be adapted to the conditions (e.g. concrete footings).
- Orient the hall so that wind gusts do not blow into the end walls of the hall.
- Anchoring into asphalt is only possible if the asphalt surface is at least 18 cm thick.
- Anchoring into concrete is only possible if the concrete surface is at least 20 cm thick.
- Anchoring into the ground is only possible if the soil profile consists of homogeneous soil. We do not recommend anchoring directly into sandy, gravel or other non-homogeneous soil profiles; it is, however, possible after building concrete footings.
- Anchoring with rebar ground anchors (included) is at the buyer's own risk and the seller provides no warranty for this anchoring.

EQUIPMENT AND TOOLS REQUIRED FOR ASSEMBLY

Measuring tape

Alignment string

Marking stakes

Step ladder or mobile scaffold

Mallet

Drill

Spanners

Scissors

Auxiliary rope for pulling the cover over

CHECK THE DELIVERY

PARTS LIST

NO.	Part name	203012R	204212R	206012R
● 1	Upper arch tube	6	8	11
● 2	Middle arch tube	12	16	22
● 3	Lower arch tube	12	16	22
● 4	Purlin	25	35	50
● 5	Cover tensioning tube	2 sets	2 sets	2 sets
● 6	Diagonal wind-brace tube	4	4	4
● 7	Corner base plate	4	4	4
● 8	Inner base plate	8	12	18
● 8A	Ratchet	12	16	22
● 9	Clamp for the diagonal wind-brace tube	8	8	8
● 10	Rebar ground anchor	36	48	66
● 11	Main cover	1	1	1
● 12	Front and rear cover	2	2	2
● 13	Bolt M8 × 60 mm	72	96	132
● 14	Bolt M10 × 100 mm	30	40	55
● 16	Lacing rope	1 bundle	1 bundle	1 bundle
● 17	Nylon ratchet strap	12	16	22
● 18	Plastic end cap	4	4	4
● 19	Tensioning elements	4	4	4

CHECK THE DELIVERY

STRUCTURE DRAWING

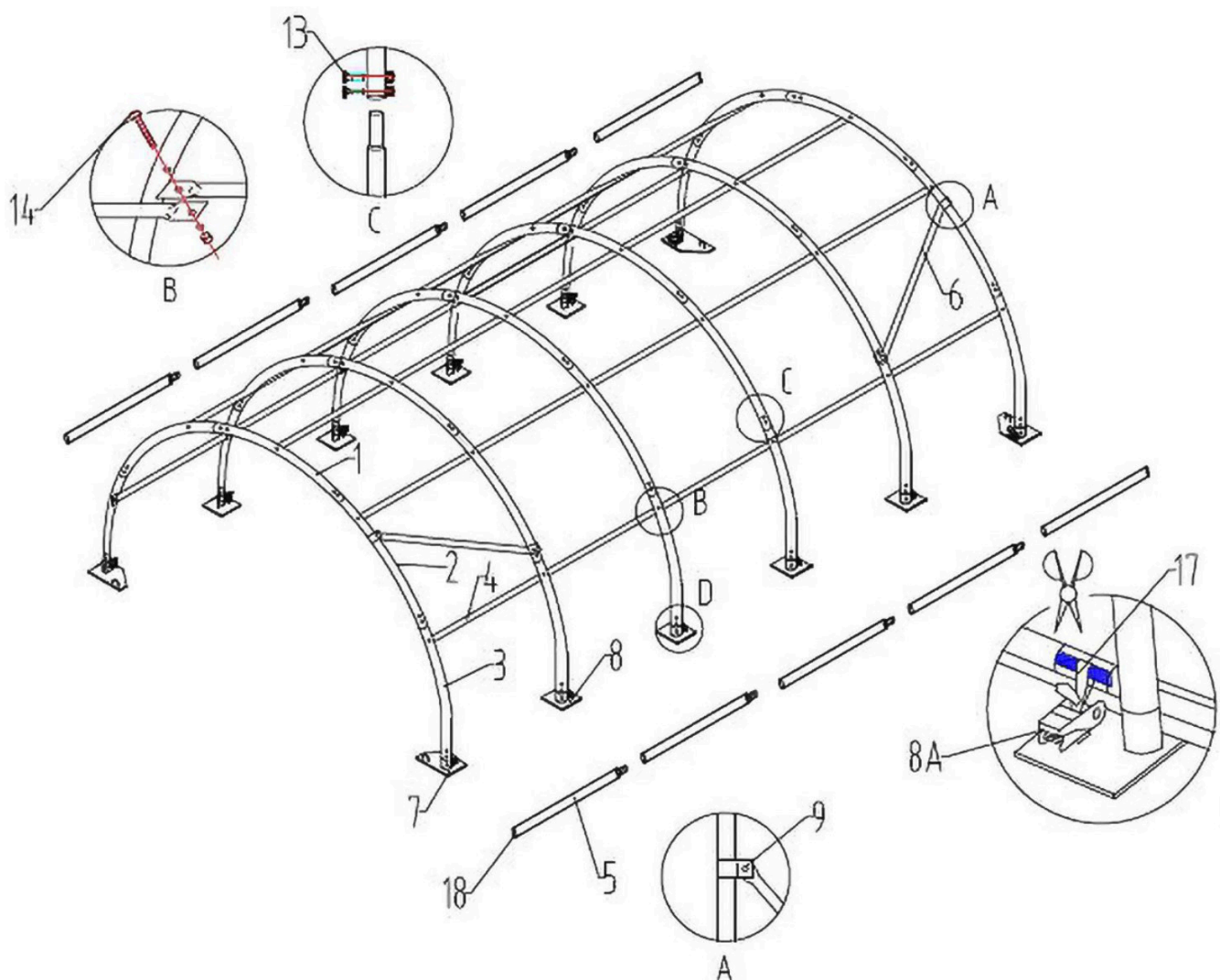


Fig. 1 - Structure drawing



From left: model 203012R • 204212R • 206012R

INSTALLING THE BASE PLATES

Position the base plates according to Fig. 3 for your hall type. If several values separated by a slash are given for one dimension in the drawing, always use the one that matches the length of your hall (9.15 m / 12.81 m / 18.3 m).

1

We recommend measuring the distances between the centres of the tubes on the base plates onto which the arches are fitted (see Fig. 3 – dimensions without brackets). After measuring and anchoring, make sure that both diagonal dimensions match the drawing.

2

Anchoring into unpaved ground: Anchor the steel base plates into the ground using the rebar ground anchors (No. 10 – included) or ground screws (not included). Each base plate has three holes for rebar anchors. Note: Install the rebar anchors in unpaved ground; they are not suitable for concrete, frozen ground, etc. (see Site preparation and anchoring).

3

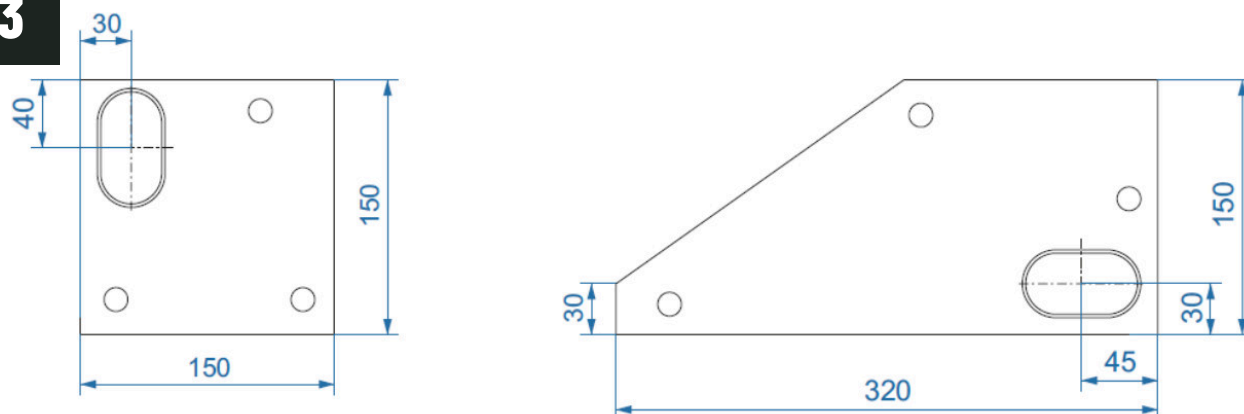


Fig. 2 – Base plate detail: left inner plate (all identical), right corner plate (2 types supplied, oriented for opposite corners – see Fig. 3)

Anchoring into concrete/asphalt: To anchor the base plates into a solid surface (asphalt, concrete, paving, etc.), use chemical or mechanical anchors (recommended size 12 × 140 mm). Chemical or steel anchors for solid surfaces such as asphalt, concrete, etc. may only be used in accordance with the anchor manufacturer's recommendations.

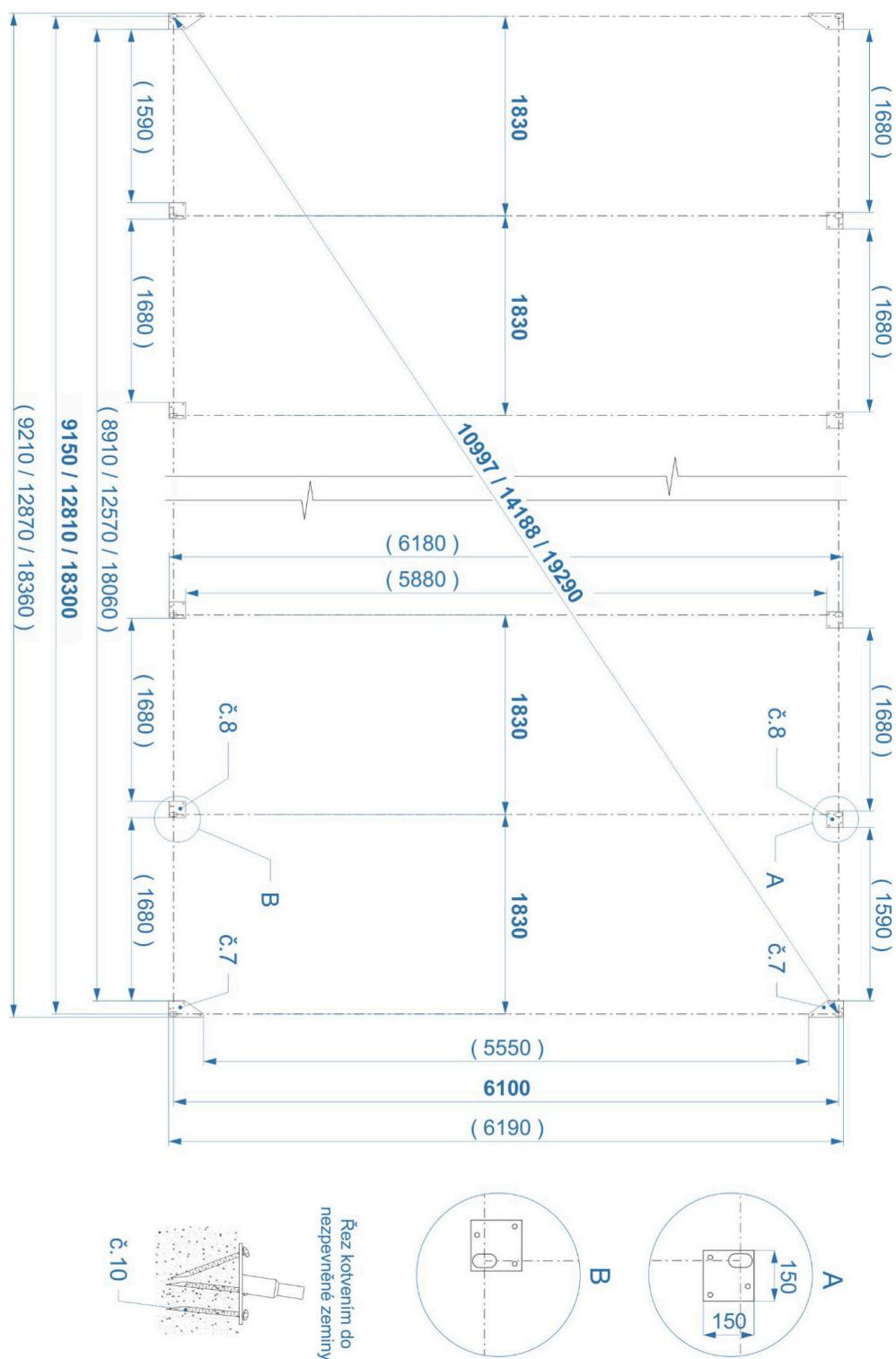


Fig. 3 - Base plate layout (dimensions in mm; values separated by a slash apply to lengths 9.15 / 12.81 / 18.3 m)

FRAME ASSEMBLY

Before starting assembly, look at the captioned photos at the end of this section (Fig. 10 and Fig. 11).

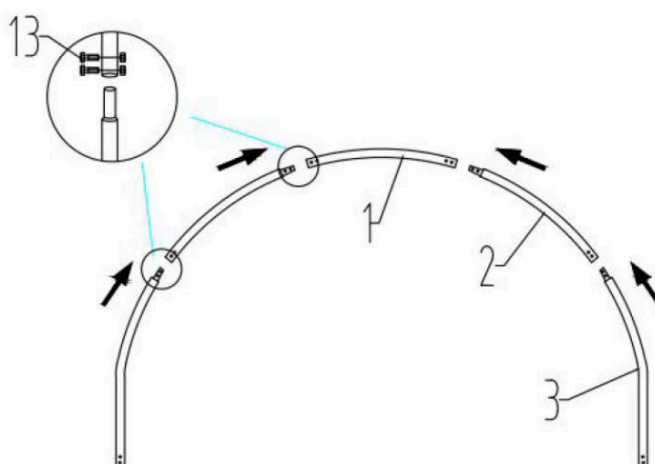
1


Fig. 4



Fig. 5

Assemble the arch according to Fig. 4 from the upper tube (No. 1), two middle tubes (No. 2) and the lower tube (No. 3) using M8 × 60 bolts (No. 13). After assembling the arch, wrap the joints with tape (included) so that they do not rub against the cover surface (Fig. 5).

2

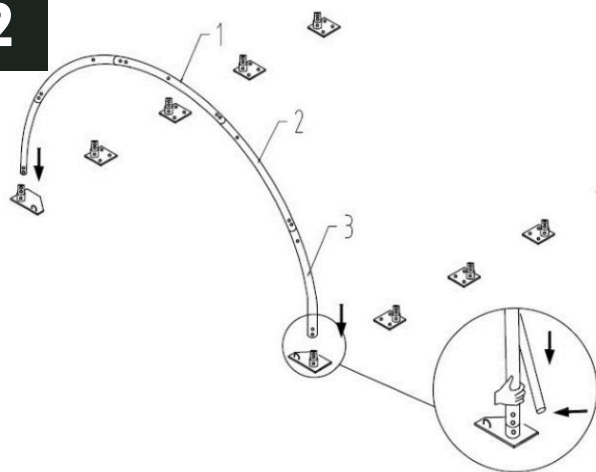


Fig. 6

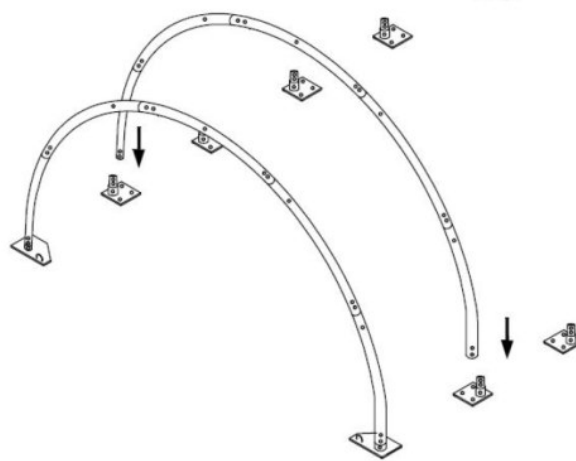


Fig. 7

Place the first arch on the corresponding base plates and bolt it. The arch will be wider than the distance between the base plates, so you must bend it with force when fitting it onto the second plate (Fig. 6). Continue with the other arches according to Fig. 7.

3

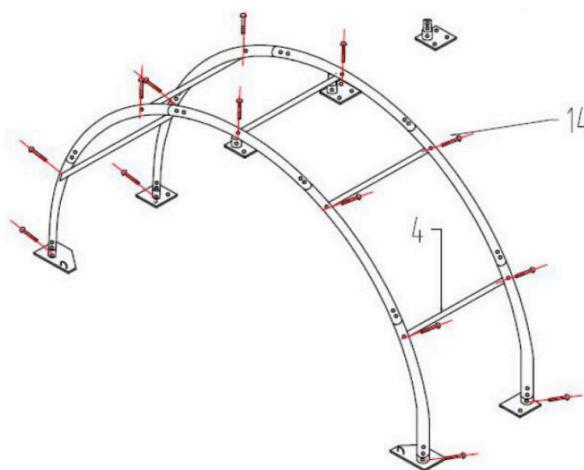


Fig. 8

When you have finished installing the first two arches in the base plates, connect the purlins (No. 4) using M10 bolts (No. 14) according to Fig. 8.

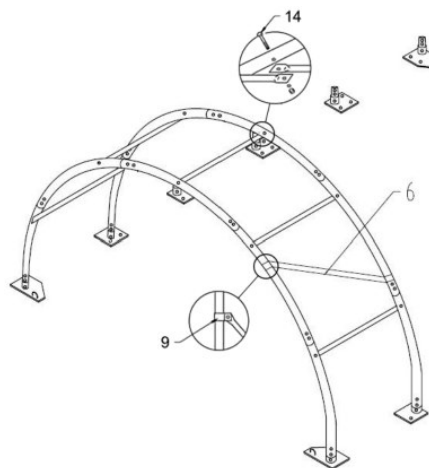
4

Fig. 9

Using the clamps (No. 9), connect the diagonal wind-brace tubes (No. 6) according to Fig. 9 and adjust their angle so that they stiffen and align the arches.

5

Install the third arch in the base plates in the same way and connect the purlins. On the inner arches, two purlins (No. 4) are always connected at one joint on one bolt.

6

Fix the remaining arches and purlins one by one in this way.

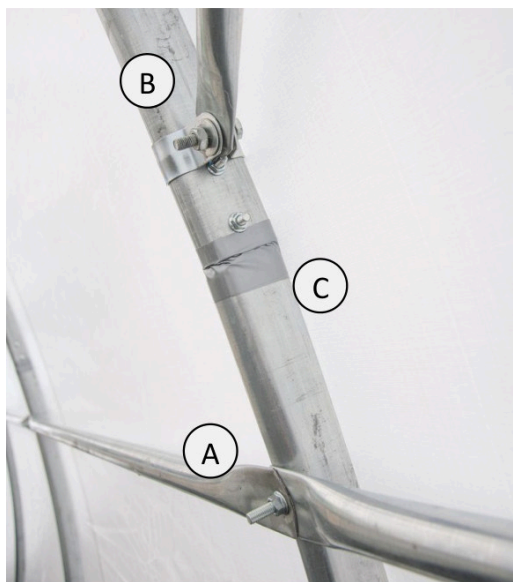


Fig. 10



Fig. 11

- A – two purlins connected on one bolt on the inner arches
- B – sliding clamp (No. 9) for connecting and adjusting the angle of the wind-brace tubes (No. 6)
- C – joints wrapped with tape

FITTING THE END-WALL COVERS

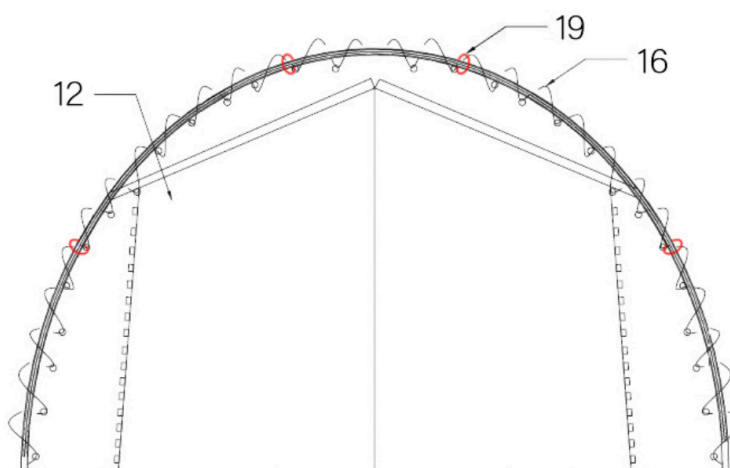
1


Fig. 12

To hold the end-wall cover (No. 12) temporarily, use the tensioning elements (No. 19 – 4 pcs ball bungees)(Fig. 12).

2

Cut the lacing rope (No. 16) to the required length. Then attach the cover with the rope at the top centre and lace towards the right and left sides of the structure at the same time. Pass the rope through the eyelets in the cover and tighten as you go. Tie the rope ends to the eyelets on the corner base plates.

3

Remove the tensioning elements (No. 19).

4

Fix the second end-wall cover in the same way.

FITTING THE MAIN COVER



CAUTION

- Observe the inner and outer side of the cover.
- Do not leave the hall until the cover is fully secured.
- Do not fit the hall cladding in windy weather.
- A light breeze can make assembly easier – pull the cover over the arches so that the breeze blows into it and lifts it.

1

Spread out the cover (No. 11) and lay it parallel to one side of the frame.

2

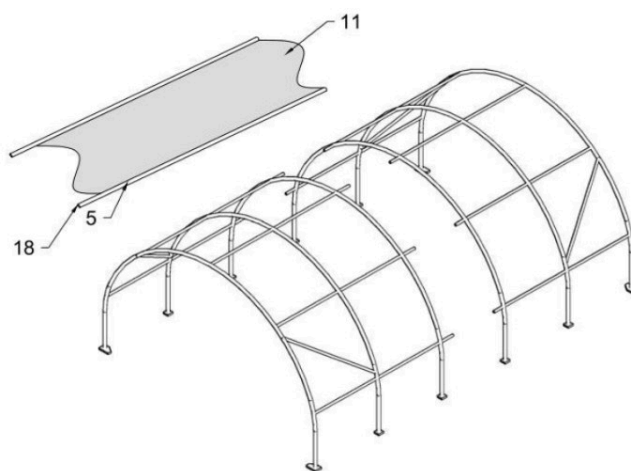


Fig. 13

Insert the tensioning tube (No. 5) into one side of the cover only. Cut several openings in the cover at the tube to attach the pulling rope (rope not included). Cover the tube ends with plastic end caps (No. 18)(Fig. 13).

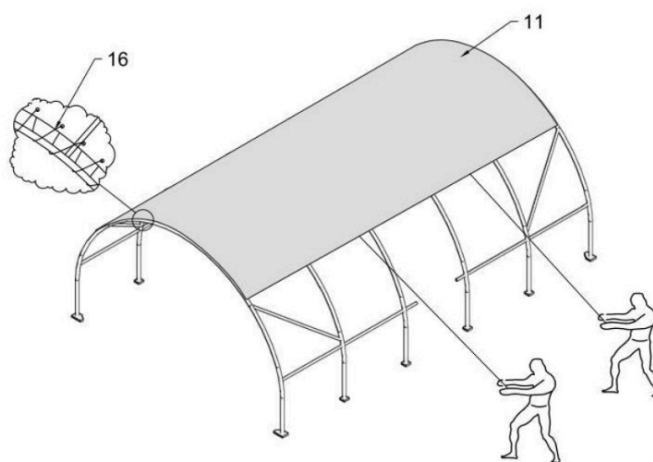
3

Fig. 14

Tie the ropes around the tensioning tube (No. 5) through the cut openings and throw the rope ends over the frame. Then pull the cover over evenly, carefully and slowly (Fig. 14).

4

Adjust the cover so that it is evenly centred on the frame. Insert the lower tensioning tube (No. 5) into the other side of the cover. Note: The cover must overhang evenly at both ends and on the sides of the hall.

5

We recommend dividing the remaining length of the lacing rope (No. 16) in half. Use the two pieces of rope to attach the cladding to each end arch. On both arches, lace the cover from the top centre down to the bottom edge towards the right and left sides at the same time, but do not tighten the rope! If necessary, you can extend the rope.

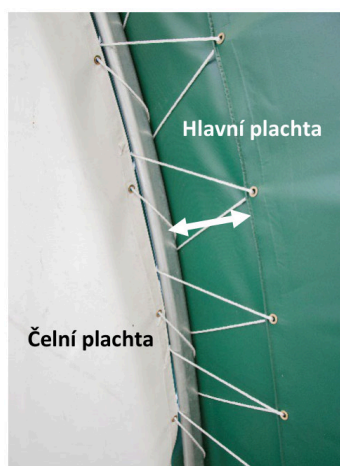
6

Fig. 15 – Top: main cover, bottom: end-wall cover

After lacing both edges of the cover, start tensioning both edges symmetrically from the top centre, tightening the rope on the right and left sides at the same time. Throughout tensioning, check that the cover is centred on the frame so that the overhangs are equal on all sides. After tensioning, secure the ropes at the bottom (e.g. by tying them to the frame). Note: After tensioning, the approximate distance of the cover eyelets from the end arches should be the same at both ends of the hall, approx. 15 to 20 cm (see Fig. 15).

7

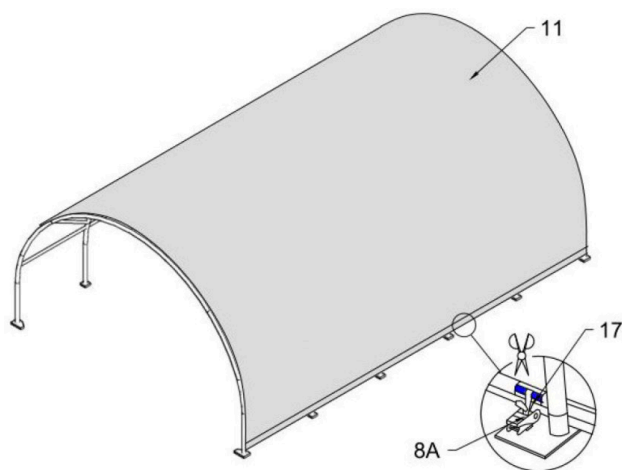


Fig. 16

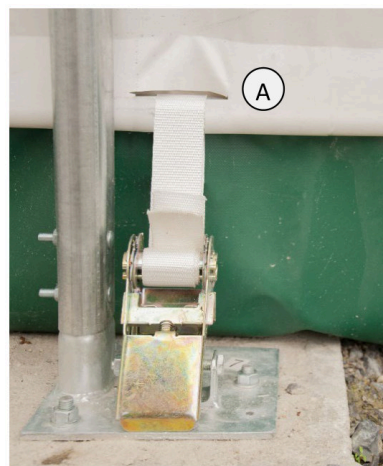


Fig. 17

Cut open the sleeves around the tensioning tubes (No. 5) where the ratchets are. Pass the nylon strap (No. 17) through the openings in the sleeves around the tube and secure it in the ratchets (No. 8A) (Fig. 16 and Fig. 17). Tension the cover by moving the ratchets back and forth, checking continuously that the cover overhangs evenly on both sides.

8



Fig. 18 - We recommend not inserting tensioning tube No. 5 into the last sleeve (alternatively, you can cut the tubes to the required length)

Align the cover flap at both ends of the cover and tension it on both sides at the same time by pulling the protruding strap ends at the lower corners of the flap. After tightening, tie the straps to the eyelets in the corner base plates.

MAINTENANCE

HALL MAINTENANCE



Congratulations on completing the assembly!

- Check the cover tension regularly and retension it if necessary using the same procedure as during assembly. We recommend checking 2× a year – always before winter and in spring after the frosts. Cold, heat and sunlight cause the fabric (cover) to slacken, so it is important to prevent it from sagging and "flapping".
- Snow must be removed from the cover if it does not slide off by itself.
- Excessive humidity can cause mould. We recommend ventilating the hall regularly and using any ventilation openings in the end wall. The cover can be treated with standard anti-mould products.
- We do not recommend using acid-based cleaning agents to clean the cover.



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Contact us with any questions about assembly.