

IGLOO PLUS

Size L

Quick Installation Guide



We recommend three
people for this operation



6-8 hours needed

IMPORTANT!!! RETAIN FOR FURTHER REFERENCE: READ CAREFULLY!
For domestic outdoor use only! Not for commercial use.

Astræa igloos North America, LLC PO Box 773192
Eagle River Alaska 99577 www.us.astreea.com

Customer service

Email us at: info@us.astreea.com (907) 931-4469

9 AM - 4 PM Alaska Standard Time, USA English Spoken/Please email if you don't speak English



1. Introduction

This booklet includes the rules of use and maintenance for the Astreea® Igloo. This booklet is an integrated part of the product and should be kept within reach to be consulted for the entire time of use. The equipment described in these instructions of use complies with current safety provisions and state-of-the-art technology. However, should the equipment be used in an improper manner, the risk of injury occurring cannot be entirely excluded.



Read before starting!

The equipment has been designed exclusively for outdoor use. Use with care, without affecting the structure or the cover of the igloo. Any other use, different from that described in these instructions, could cause damage to the igloo and represent a serious hazard for the user. Proper functioning depends on the correct use and adequate maintenance of the equipment. Therefore, it is advisable to carefully read the instructions to prevent issues that are incompatible with proper functioning and durability. All information required to ensure the best use of this igloo is provided, together with instructions and useful advice for its correct maintenance. The Manufacturer is relieved of all responsibility in the case of negligence and non-observance of these rules.

2. Safety regulations

- Keep the packaging and small parts out of the reach of children or pets. Risk of suffocation!
- Do not assemble the igloo during a thunderstorm! Always evacuate the igloo during stormy weather and look for suitable refuge!
- Wear protective gloves during assembly and ensure that your fingers do not get stuck between the joints of the frame or the cover.
- Please, follow safety instructions while on the ladder when installing the vertical poles of the frame! There is an increased risk of injury. Follow safety regulations provided with ladder.
- Do not use any gas/coal heaters, open fire or other sources of direct heat inside or in the vicinity of the igloo! It is recommended to only use outdoor-type electric space heaters and electrical equipment.
- Use an outdoor electrical outlet/extension cord to plug in the electrical equipment of the igloo.
- Do not leave candles, oil lamps or other sources of fire unattended in the igloo!
- The temperatures inside the igloo during summer can go up to +66°C (+150°F). Do not leave children or pets unsupervised inside the igloo during summer time! Always make sure to leave a door or window open for a good air flow or remove the cover entirely.
- Do not touch the aluminum frame during high heat or frost! Coming in contact with the very hot or very cold surface of the metal might result in serious injuries.

3. Information regarding assembly and maintenance

- The installation of the igloo should be done by 2-3 people.
- Before installing, make sure the ground is leveled and firm for anchorage! **Secure the igloo to the ground with metal clamps and screws that are suitable for your ground material (not included).**
- In case of soft ground (grass, sand, soil) securing the igloo in place should be done by using the additional Astreea® Weights (not included).
- Set up the igloo in a place sheltered from wind and snow. It is recommended to remove the cover in case of storm or hurricane alerts. In case of strong winds, do not leave the door or window open!!! Use the locking system to close the igloo!
- **Do not leave the Igloo partially assembled! Always make sure to complete the installation right away and check if all elements are secured!**

Wind rating

Fixing method	Max. wind speed applicable
None	11 km/h (7 mph)
Weighted (*Flower Bed or Fabric Weights)	40 km/h (25 mph)
Bolted to surface	61 km/h (38 mph)
secured with spikes to ground	40 km/h (25 mph)

**Fabric and Flower Bed Weights to be filled with sand or similar weighted material.*

- Astreea® Igloo can bear up to 200 kg (450 lbs) of snow. It is recommended to broom off the snow regularly to prevent collapsing.
- It is recommended to regularly check all screws from the frame and tighten them if necessary. Also, check the cover for leaks or other damage.
- Do not use sharp objects on or around the cover, that could damage it.

4. Cleaning, storage and disposal

- Depending on the type of cover, cleaning should be done with a clean cloth, warm water and a mild detergent.
- Do not use any chemical agents, bleach or acetone that could damage the igloo!
- Do not machine wash, tumble dry, dry clean or iron the cover! The Canopy cover can be machine washed following the instructions on the label.
- Do not use any abrasive or caustic cleaning products or hard brushes for cleaning!
- Disassembling the igloo should be done following the assembly instructions in reverse. After disassembly, make sure all parts are clean and dry.
- Keep the cover in a cool, dry, well-ventilated space, protected from frost, direct sunlight and other heat sources.
- Exposing the cover to sunlight for a long time might result in change of color and an early aging of the materials.
- Disposal of the igloo should not be done by throwing it (or parts of it) in the trash. Please, take it to a specialized recycling center.

WIND WARNING

The astreea® Igloo must be secured to the ground using the aluminum fixing clamps, included in the package, and screws that are suitable for your ground material. If you are not sure which screws are suitable, seek the help of qualified personnel from your local hardware store.

If the Igloo is installed on soft ground or surfaces where the clamps cannot be secured to the ground, then other means must be used to keep the Igloo secured during windy conditions.

The Igloo is designed to withstand windy conditions ONLY when fully assembled. Do not leave the Igloo partially assembled or damage may occur.

DO NOT ATTEMPT TO ASSEMBLE THE IGLOO IN WINDY CONDITIONS!

PRIOR TO INSTALLING THE COVER MAKE SURE THAT THE IGLOO IS SECURED TO THE GROUND USING THE FIXING CLAMPS, OR WEIGHED DOWN USING THE astreea® WEIGHTS AVAILABLE AT ASTREEA.COM.

FOR astreea® IGLOO PLUS MODEL, LEAVING THE IGLOO IN WINDY CONDITIONS WITH MISSING POLYCARBONATE PANELS OR THE SLIDING DOOR OPEN, MAY RESULT IN DAMAGE TO THE IGLOO. THE SAME APPLIES TO OTHER COVERS, IF THERE'S AN OPENING THAT ALLOWS THE WIND TO INFLATE THE IGLOO.

IF THE IGLOO IS PROPERLY SECURED TO THE GROUND AND THE COVER AND DOOR CLOSED COMPLETELY, IT IS PROVEN TO HANDLE STRONG WINDS (see Wind rating).

Frame and cover components



5 x base rails



10 x upper poles



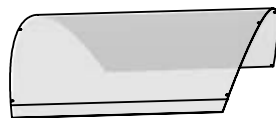
10 x lower poles



9 x upper panels



1 x gutter panel



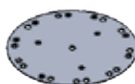
8 lower panel



1 x left lower door panel



1 x crown plate



1 x support plate



1 x locking plate



1 x stop plate



1 x central bolt assembly



8 x lower strips



8 x upper strips



2 x left and right door strip



46 x frame rings + 2 spares



strips of protective sealing

Components (continued)



2 x clothing
racks



5 x fixing
clamps



66 x M6x8
7380 screws



24 x M6x10
7380 screws



13 x M6x35
7991 screws



19 x M6x12
7991 screws



2 x M4x10
screws



19 x M6x16
7991 screws



24 x M6x30
7380 screws



11 x M8x25
7380 screws



23 x M8x20
7991 screws



16 x M8x50
912 screws



16 x M8
locknut



22 x M8
nuts



11 x
M4x15x6
eye screw



24 x
washer D6



11 x rubber
spacer D6



24 x rubber
washer D6



10 x M6x8
7381 screws



10 x M6 nuts

Tools included



Wrench no.13



Allen key no. 2.5,
3, 4, 5 and 6



5 x spikes*
for securing
to ground

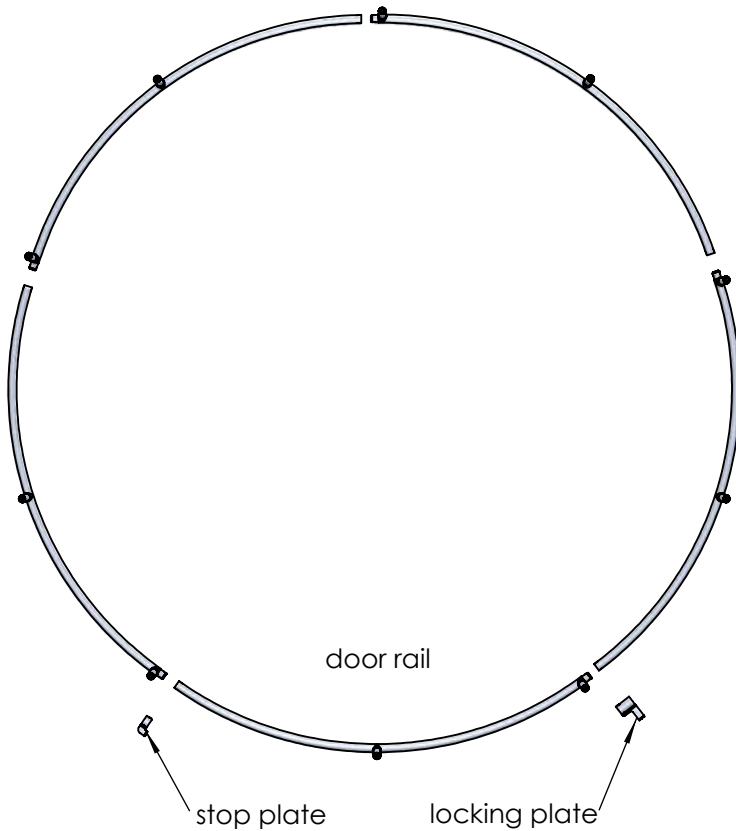
*optional

You can purchase these additionally on www.astreea.com/igloo

1. The frame

1.1 Mounting the base rails, stop plate and locking plate

Place the base rails on the floor. Consider one base rail as *door rail*. Place the stop plate on the left side of the door rail and the locking plate on the right side.



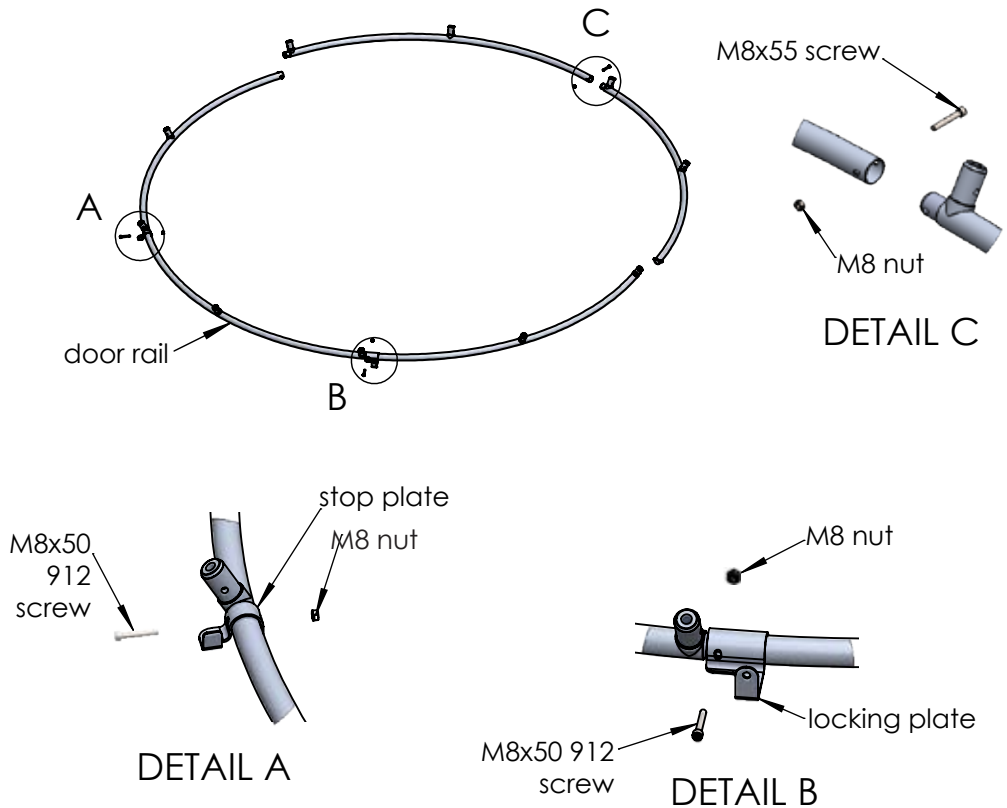
1. The frame

1.1 Mounting the base rails, stop plate and locking plate

Join the base rails on the left side and on the right side of the door rail. Place the stop plate on the left side of the door rail and fix it with the same screw that fixes the rails (detail A).

Place the locking plate on the right side of the door rail and fix it with the same screw that fixes the rails (detail B).

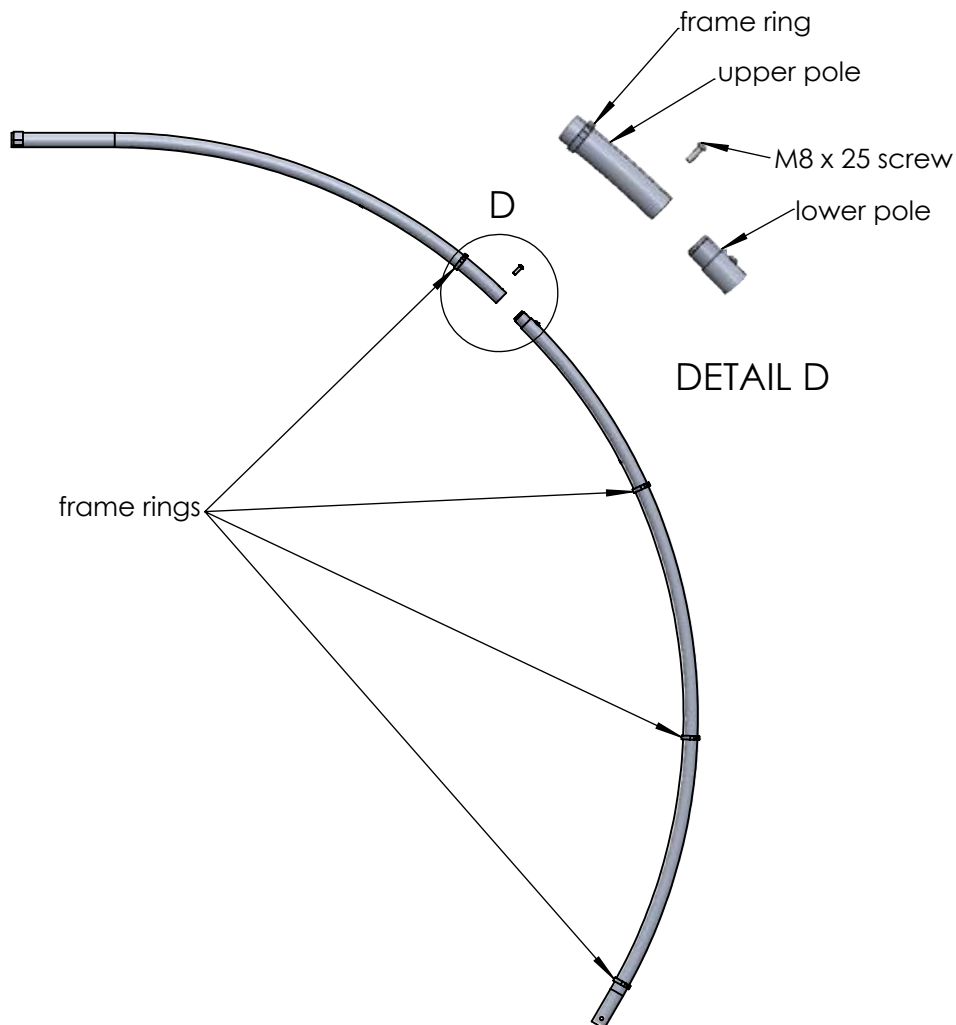
Join the other rails and fix them as shown in the detail C.



1. The frame

1.2 Mounting the vertical poles

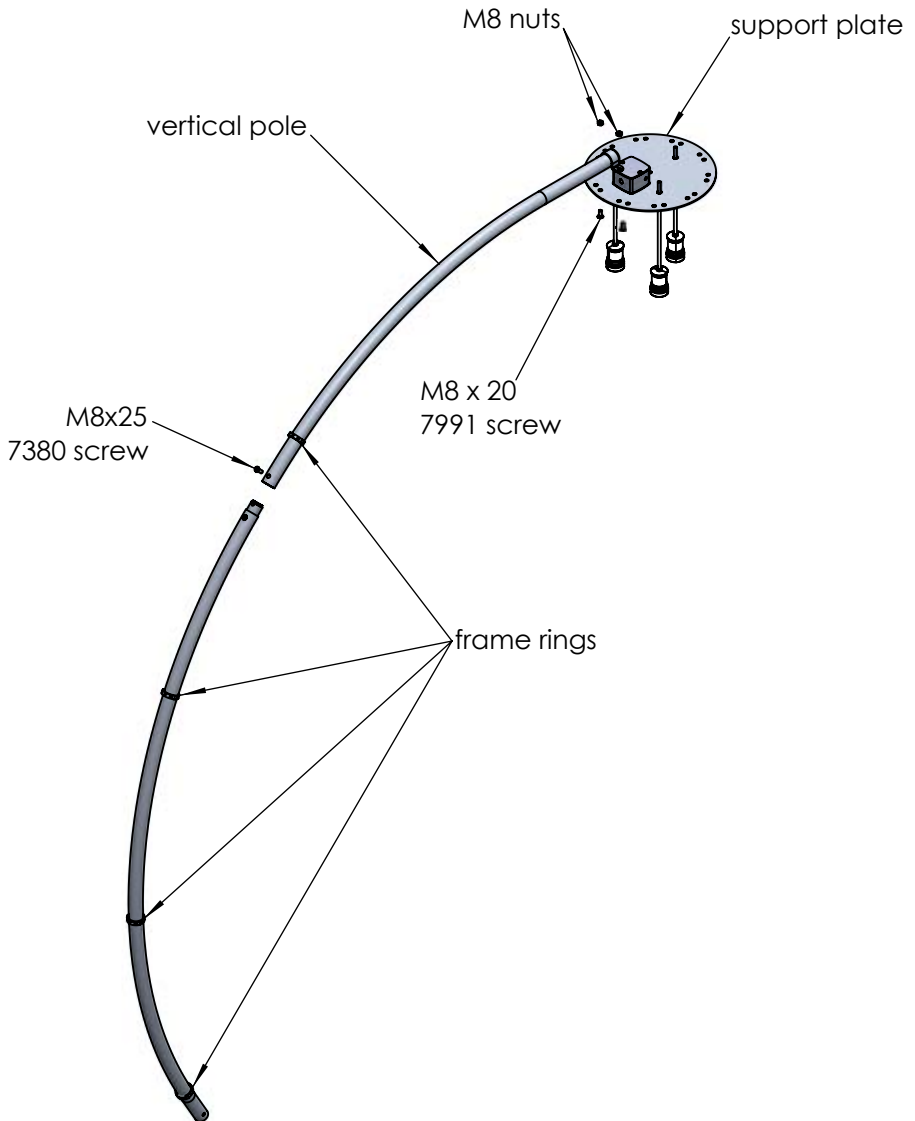
Insert 1 pc. of frame ring on the upper pole and 3 pcs. on the lower pole.
Join the upper pole with the lower pole and fix it using the
M8x25 7380 screw. Proceed in the same way for all 7/9/11 poles.



1. The frame

1.3 Mounting the support plate on the vertical pole

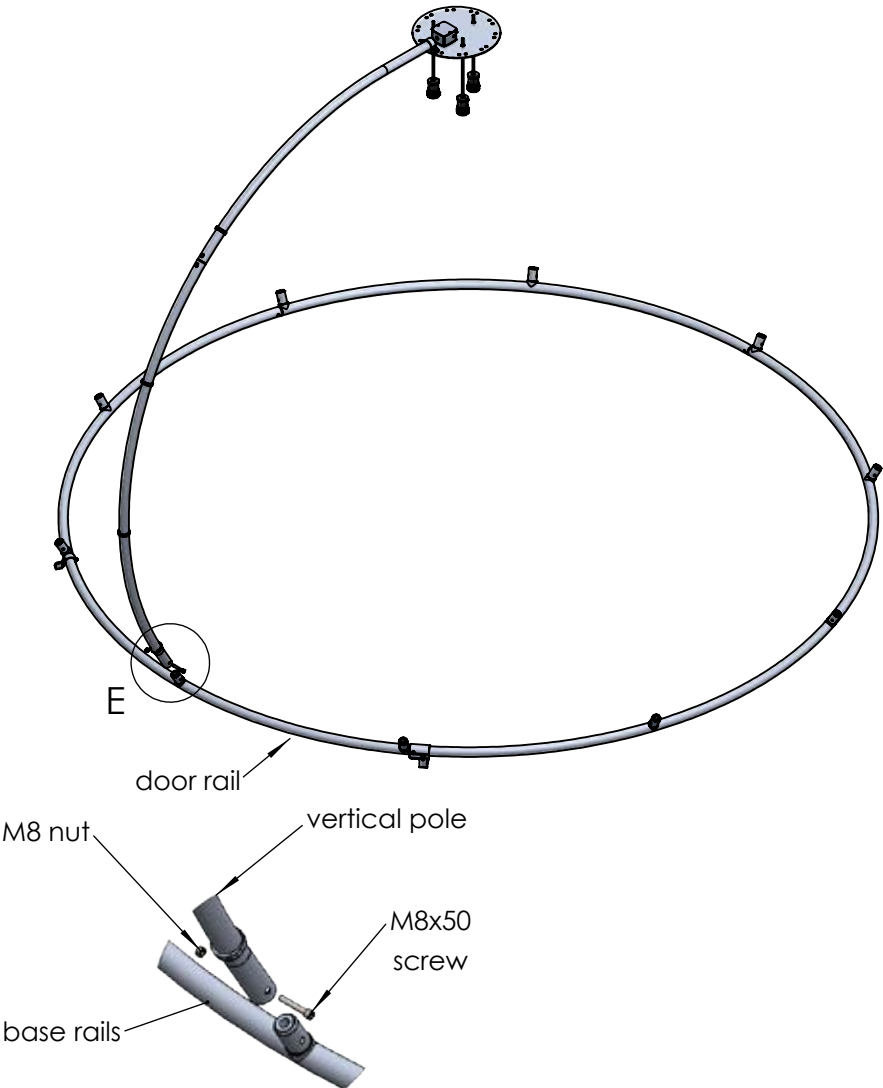
Insert 1 pc. of electric frame ring on the upper electric pole and 3 pcs. on the lower electric pole. Join the upper pole with the lower pole and fix it using the M8x25 screw.



1. The frame

1.4 Mounting the first vertical pole on the base rail

Mount the vertical pole with the support plate on the base rail and fix it with M8x50 912 screws and M8 nuts, as shown in detail E. Make sure to hold on to it until the opposed pole is mounted.

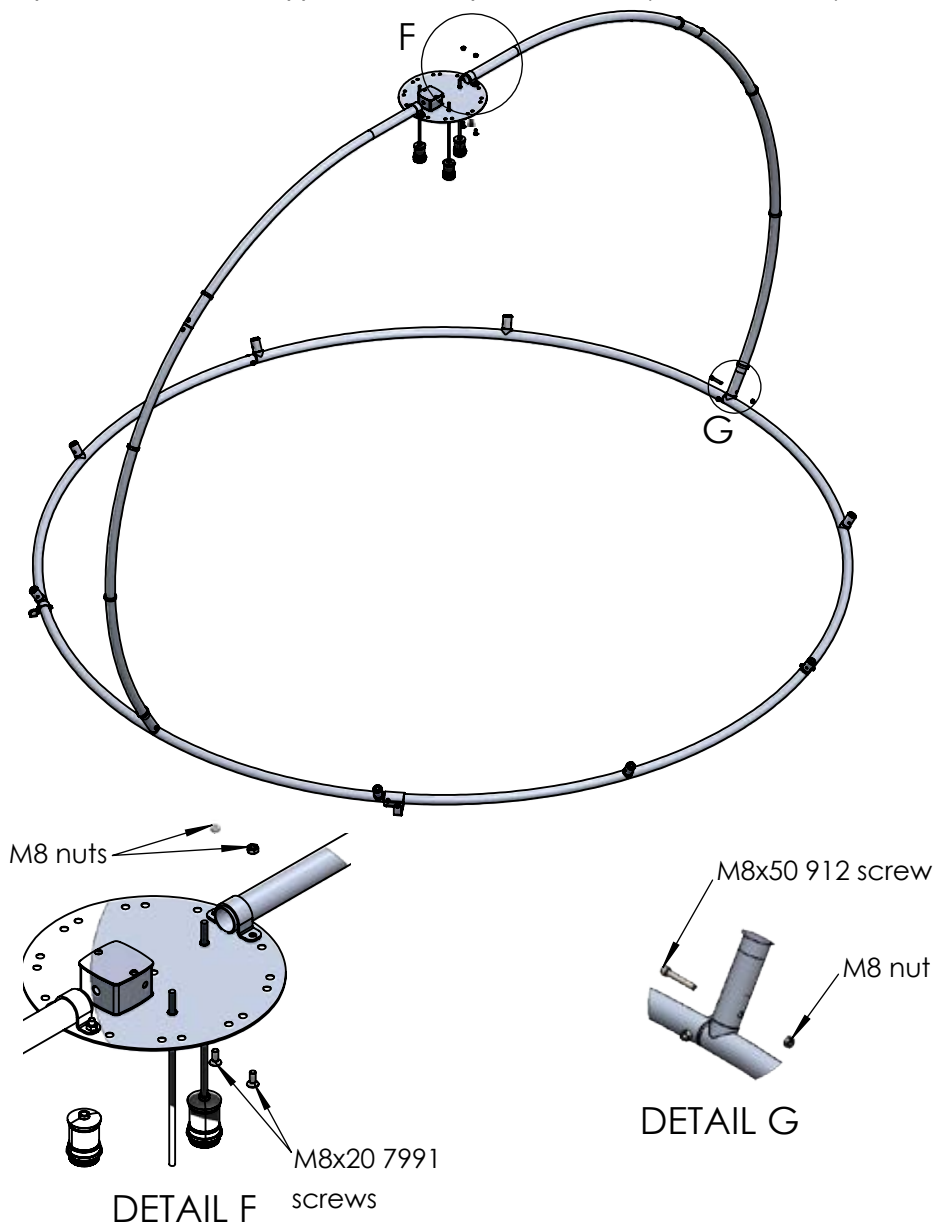


DETAIL E

1. The frame

1.5 Mounting the second vertical pole

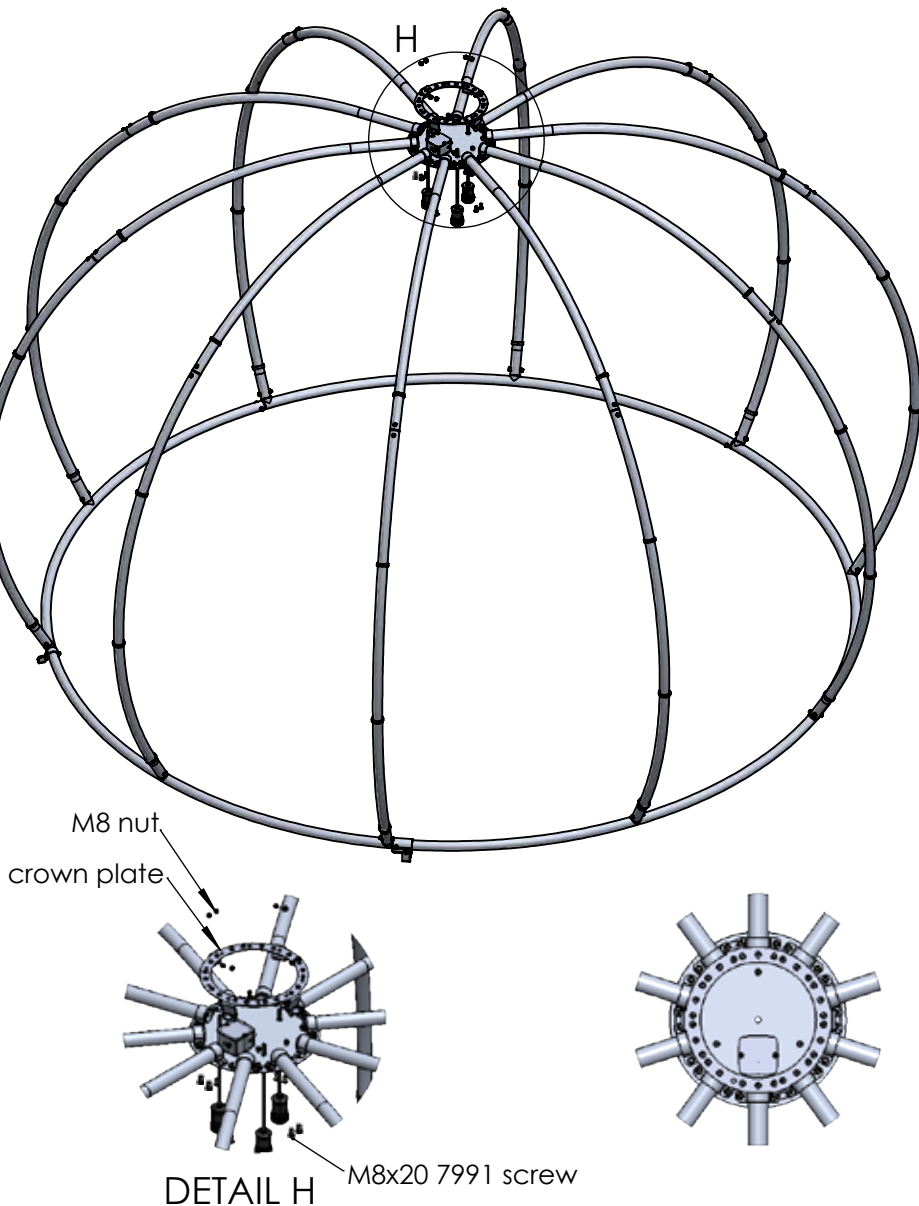
Mount the second vertical pole on the opposite side from the first pole and fix it in the upper and lower part as shown (details F and G).



1. The frame

1.6 Mounting the other lateral poles and the crown plate

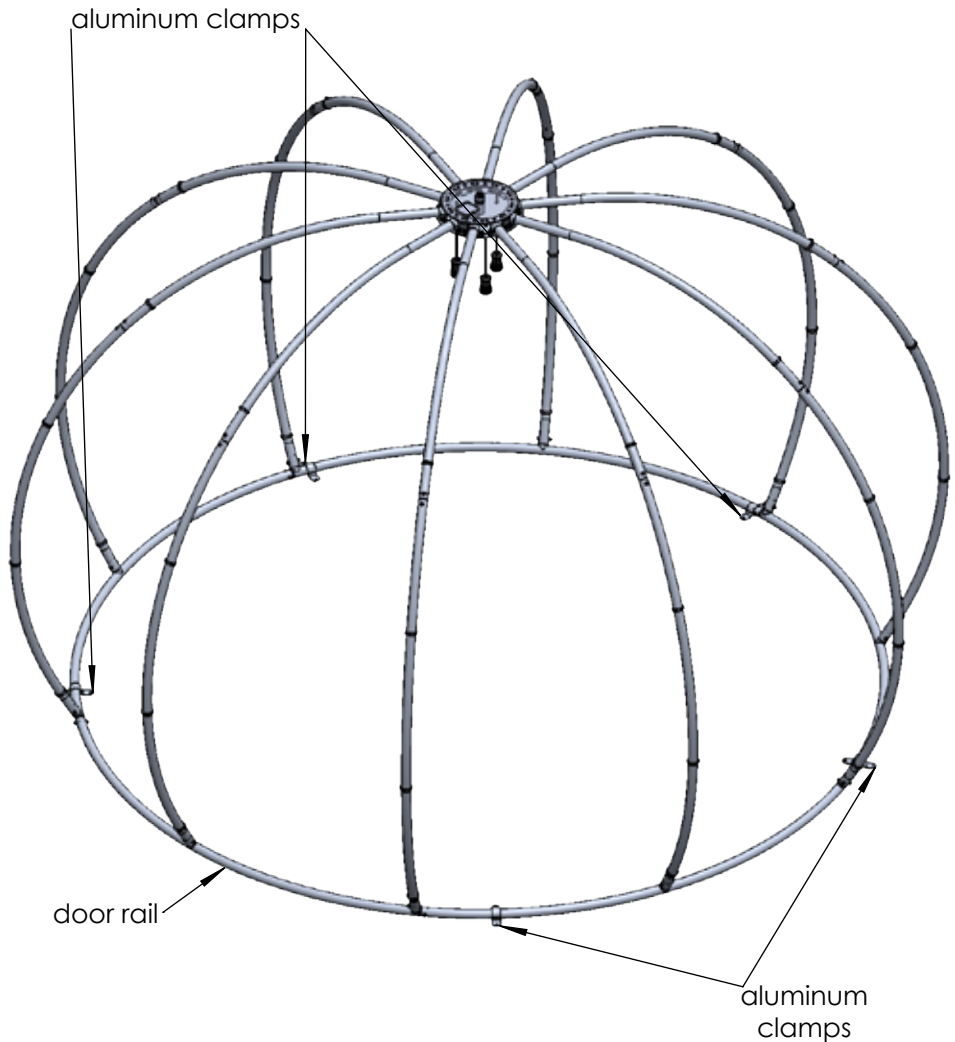
Mount all of the other poles while also fixing the crown plate using the same screws (detail H).



1. The frame

1.7 Fix the frame on the floor

Place the aluminum clamps on the base rails. Fix them using M8 anchors (not included). Do not mount them on the door rail!



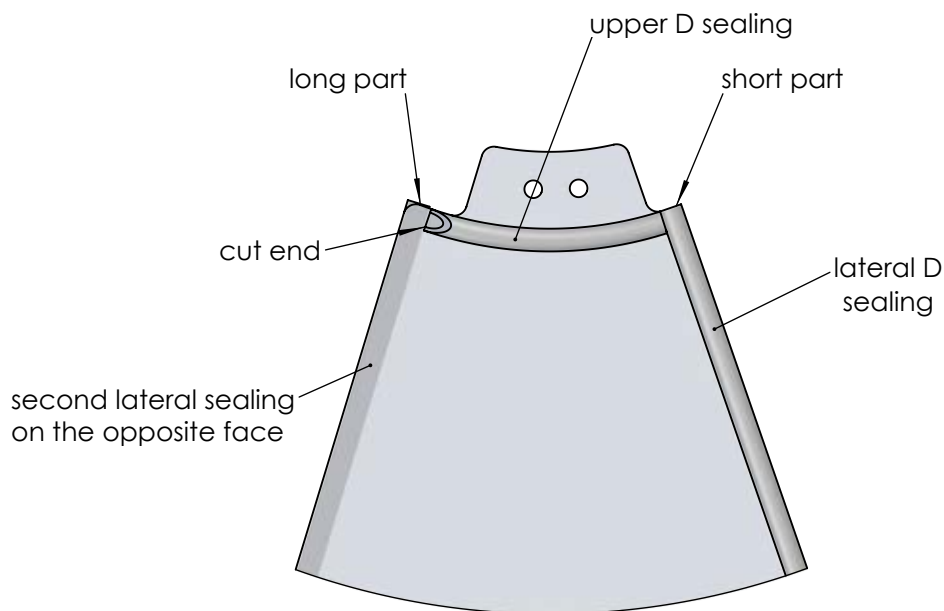
2. Installing the PLUS cover

2.1 Mounting the first upper panel

Detach the protection film* from the polycarbonate panel. Stick the lateral and the upper D sealing as follow:

1. Identify the short and the long part of the panel
2. Stick the first lateral D sealing on the short part from the top of the panel
3. Stick the upper D sealing , on the same face of the panel, having the cut end on the left
4. Stick the second lateral D sealing on the opposite face starting from the top of the panel

***Caution! This operation may cause static electricity discharge!**



D sealing - correct application (photo)

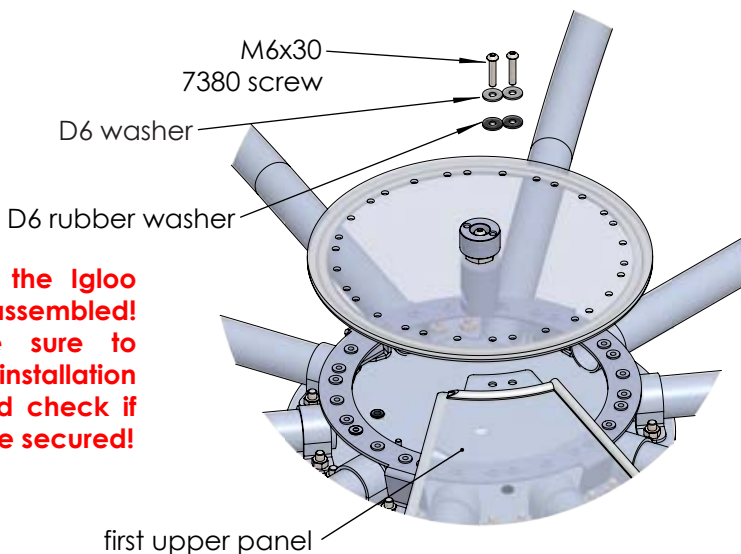
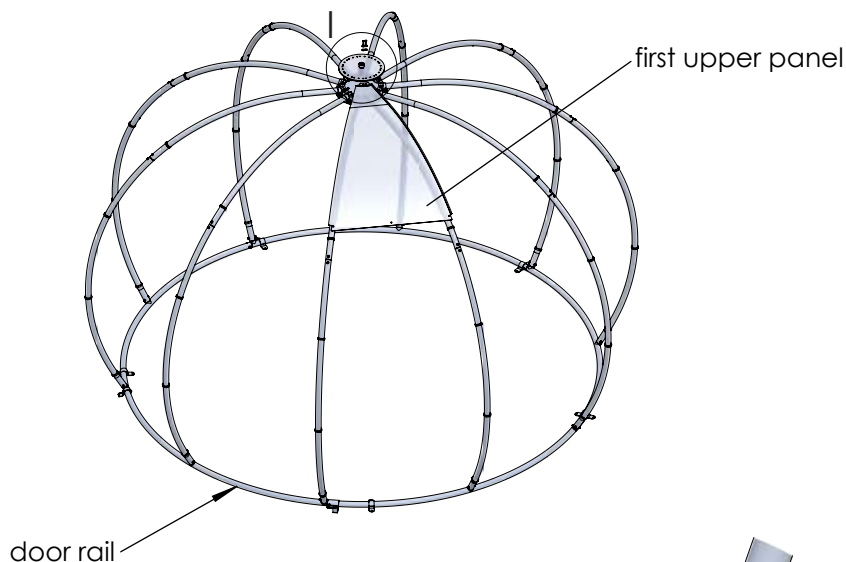
2. Installing the PLUS cover

2.1 Mounting the first upper panel

Mount the first upper panel on the right side of the door rail. Place the panel with the long part on the left.

Fix it together with the central bolt assembly on the crown plate using 2x M6x30 7380 screws, 2x D6 washer and 2x D6 rubber washer.

Do not tighten the screws until all the panels are installed!



**Do not leave the Igloo partially assembled!
Always make sure to complete the installation right away and check if all elements are secured!**

DETAIL I

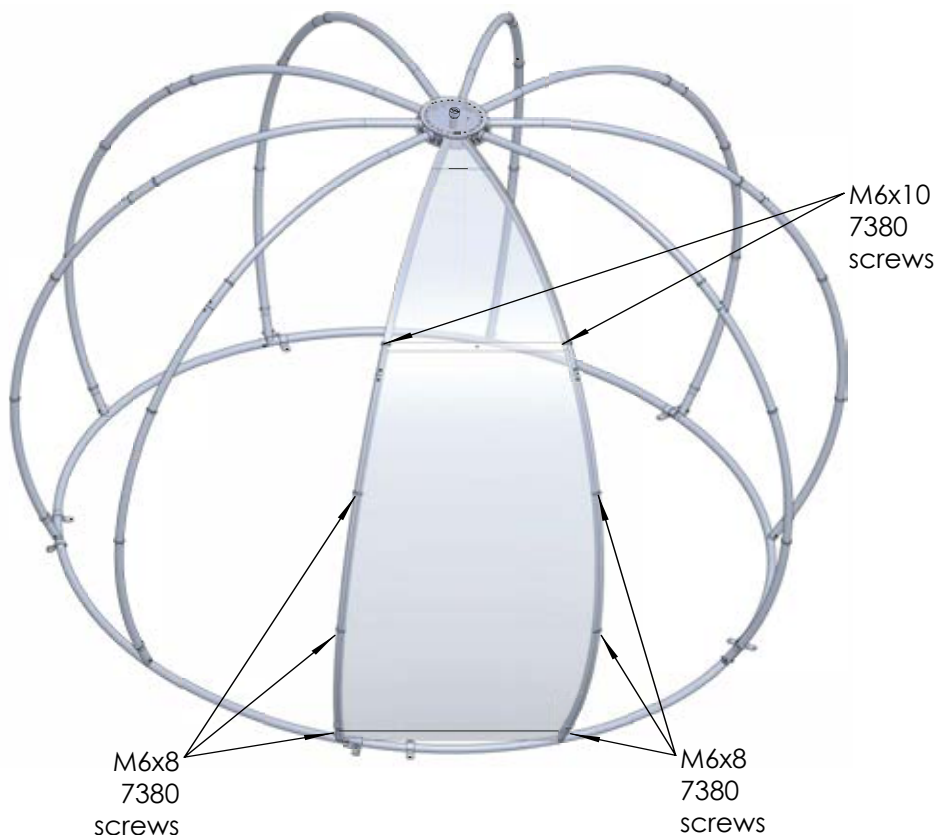
2. Installing the PLUS cover

2.2 Mount the first lower panel

Mount the first lower panel on the right side of the door, under the upper panel, and align the lower holes of the upper panel with the upper holes of the lower panel. Use 2 pcs. of M6x10 7380 screws and fix it on the upper frame rings, then another 6 pcs. of M6x8 7380 screws and fix it on the lower frame rings. Make sure that the frame rings are aligned with the vertical pole.



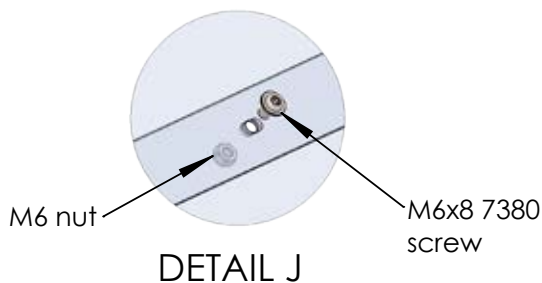
All the screws that are going to be fixed on the frame rings need to be tightened using the Allen key, not an automated tool that could damage the thread of the frame rings!



2. Installing the PLUS cover

2.3 Connecting the upper and lower panel

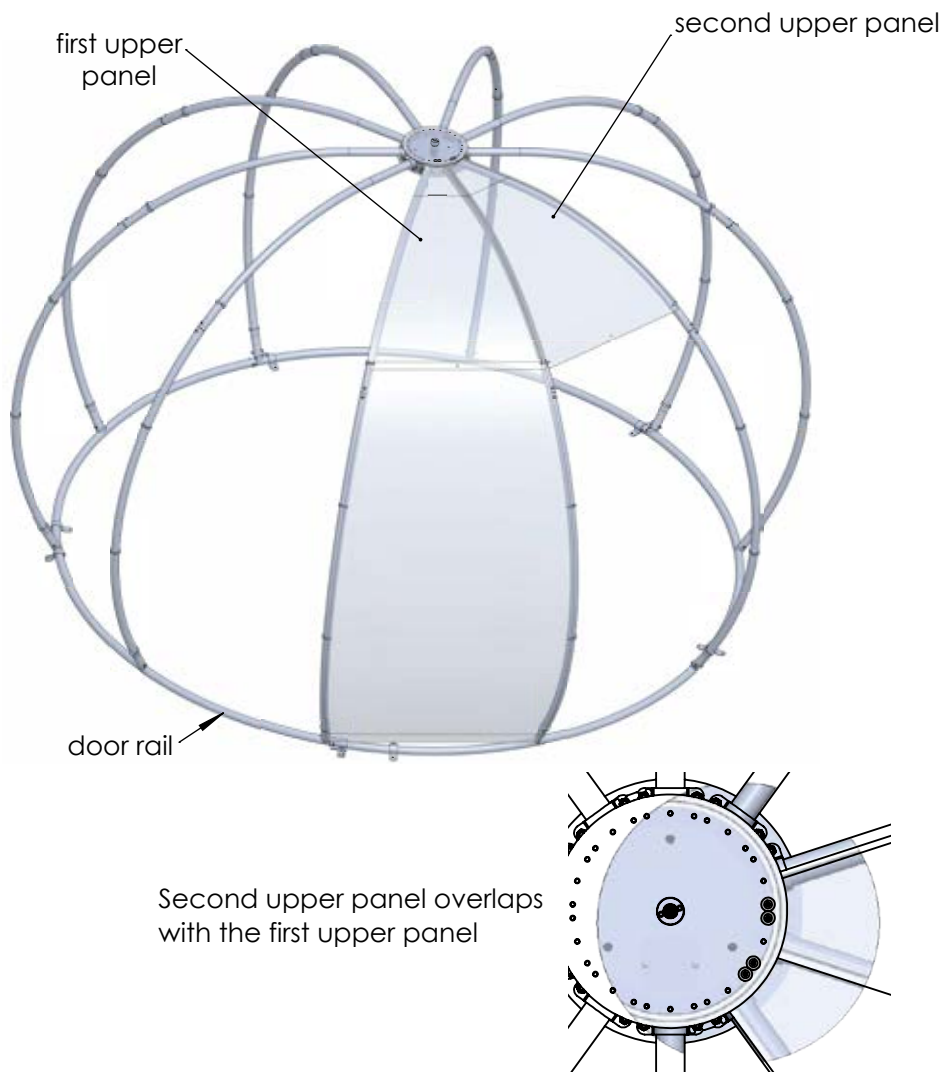
After both, the upper and lower panels, are mounted, connect them by putting a M6 7380 screw through the holes at the bottom of the upper panel, respectively the top of the lower panel from the outside of the igloo, and secure it with the M6 nut on the inside.



2. Installing the PLUS cover

2.4 Mounting the second upper panel

Install the second upper panel under the polycarbonate disc of the central bolt assembly. Make sure that the left part overlaps with the right part of the previous panel. Fix it to the crown plate in the same way as the previous one was fixed.



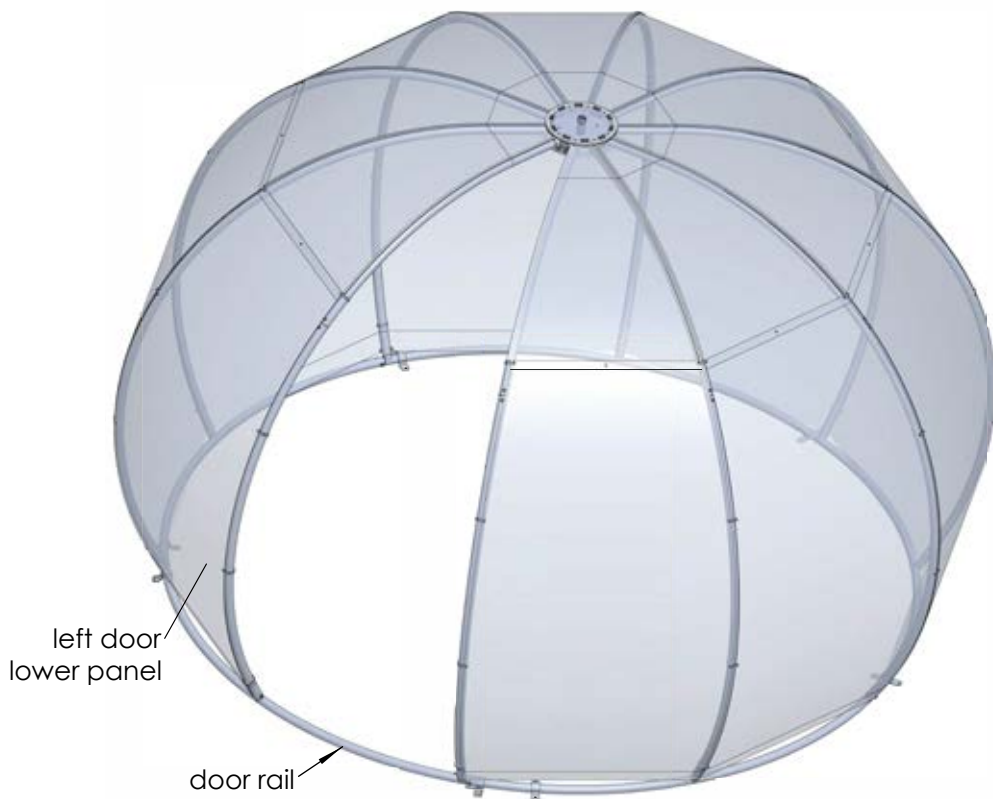
2. Installing the PLUS cover

2.5 Mounting the rest of the polycarbonate panels.

Mount the rest of the polycarbonate panels just as the previous ones were mounted, going in a counterclockwise direction.



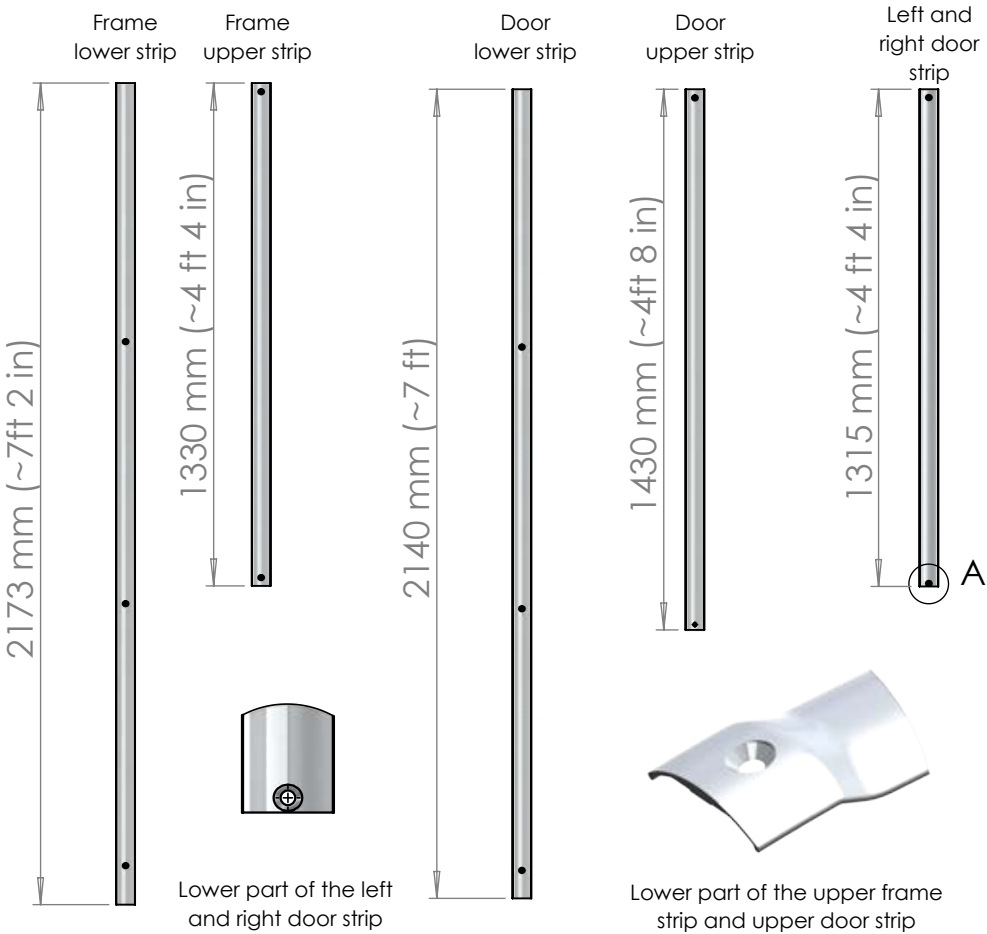
The last lower panel to be mounted will be the (labeled) left door lower panel! This panel is shorter because the door needs to slide underneath it.



Do not leave the Igloo partially assembled! Always make sure to complete the installation right away and check if all elements are secured!

2. Installing the PLUS cover

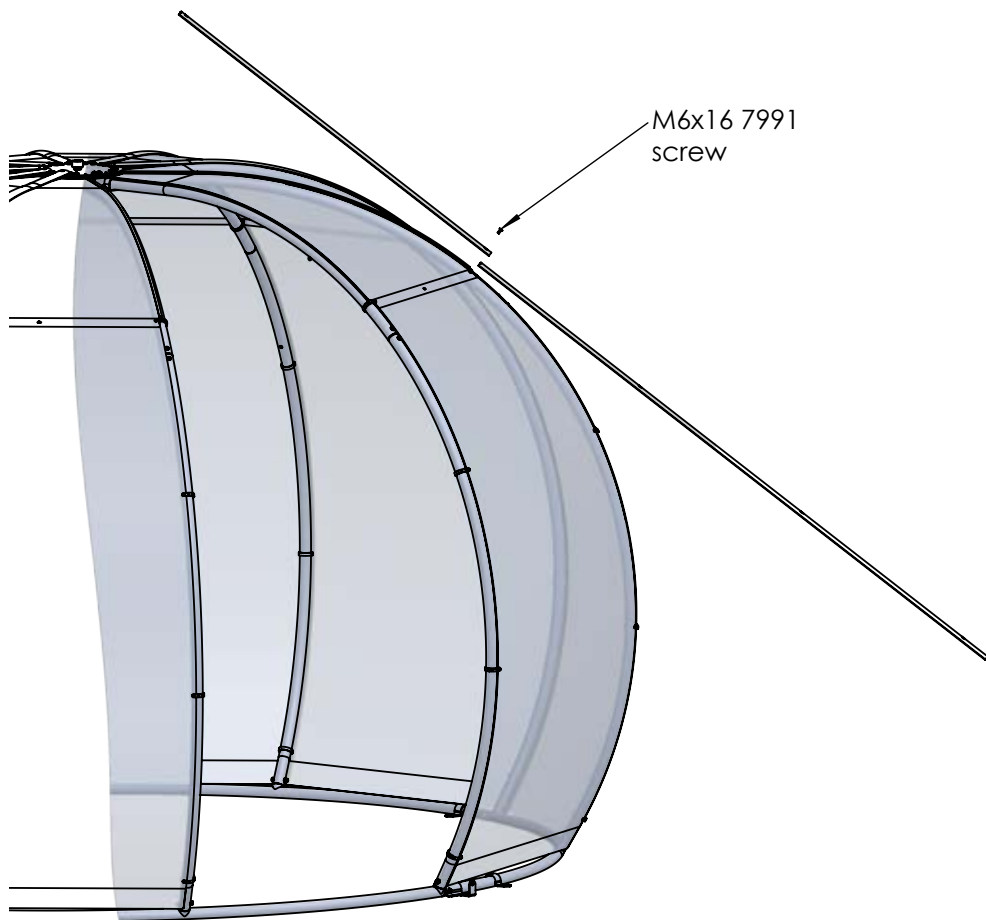
2.6 Identifying the strips



2. Installing the PLUS cover

2.7 Mounting the strips

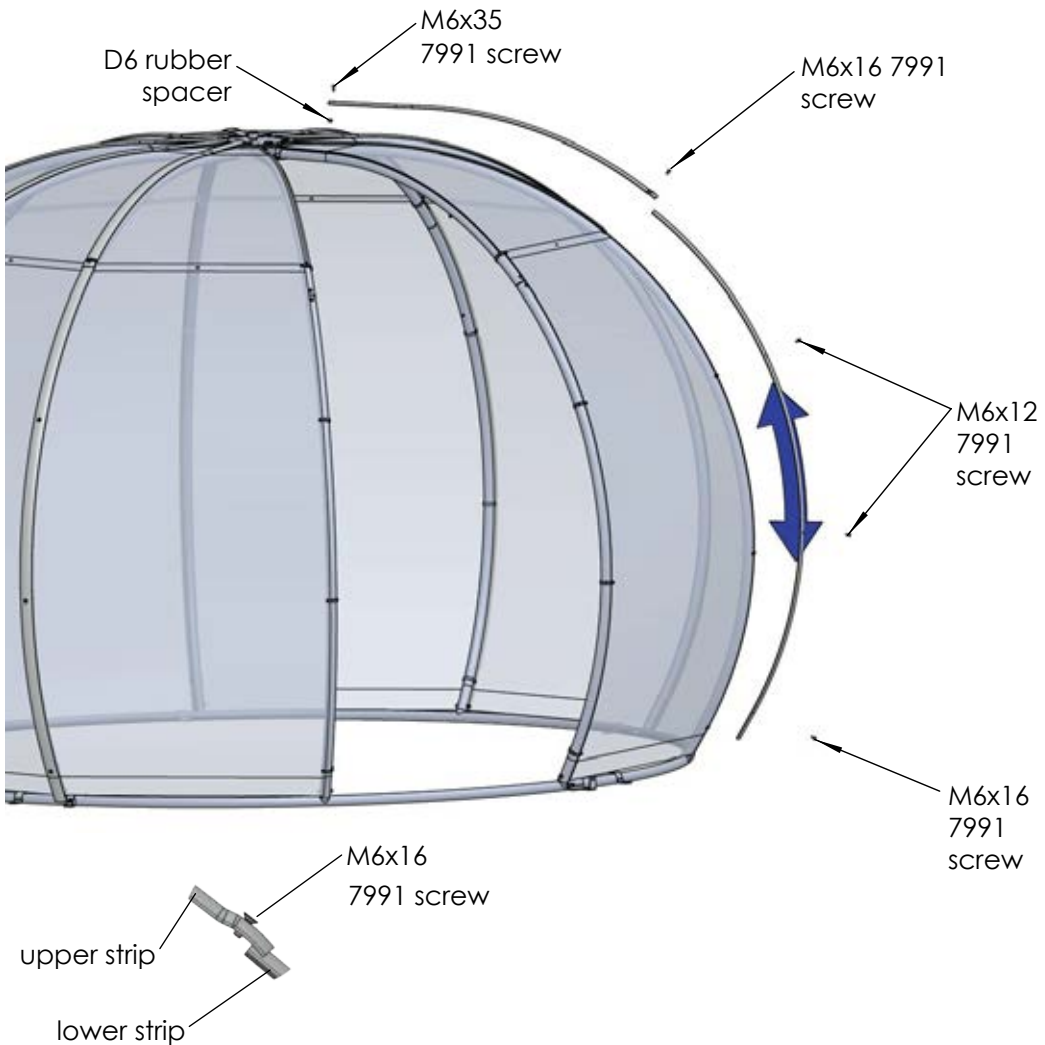
Start with the pole right next to the door pole. Fix the upper strip together with the lower strip by placing the lower one under the upper one. Use one M6x16 7991 screw and fix the strips on the upper frame ring. Do not tighten the screw!



2. Installing the PLUS cover

2.7 Mounting the strips

Adjust the position of the lower strip by aligning the holes with the holes of the lower frame rings. Use 2 pcs. M6x12 and 1 pc. M16x16 to fix the lower strip. Tighten the M6x16 screw connecting the upper and lower strips. Fix the upper part of the upper strip on the crown plate using M6x35 7991 screws. Pass the screw through the rubber spacer that will be between the strip and the crown plate.



2. Installing the PLUS cover

2.8 Mounting the gutter panel

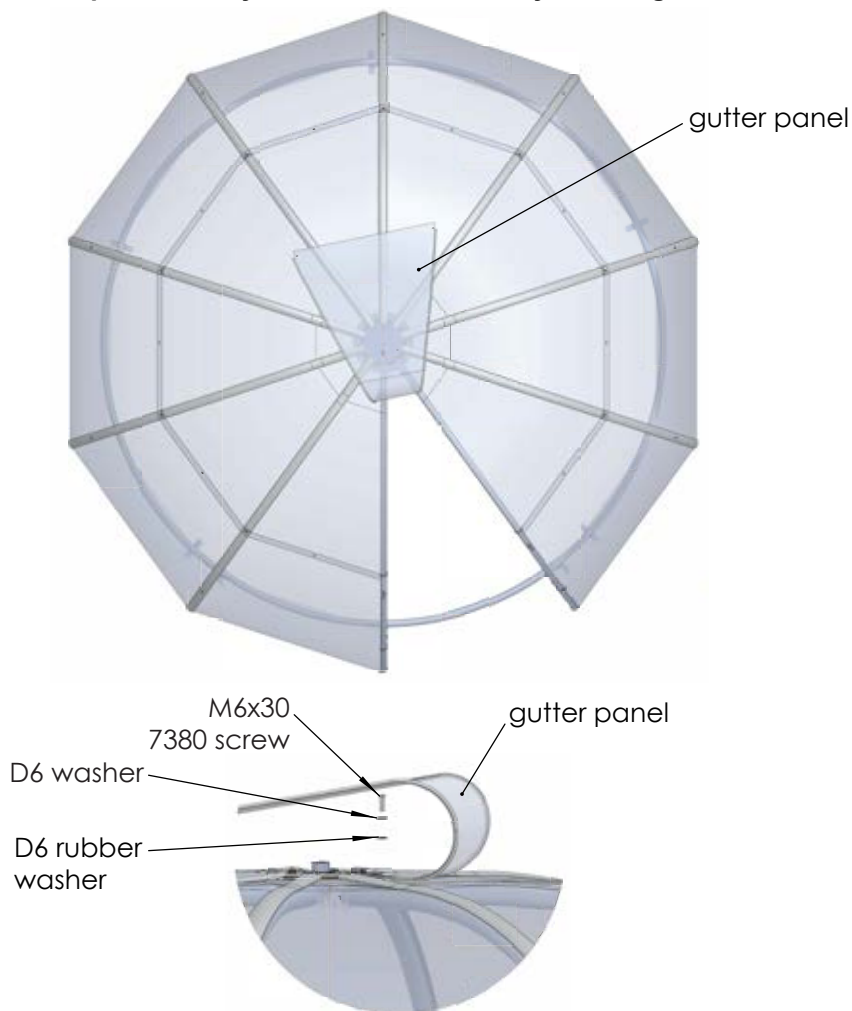
Detach the protection film*.

Stick the D sealing on, the same way its been stuck on the upper panels.

Bend the panel over as shown.

Mount the gutter panel under the polycarbonate disc. Make sure that the left part will overlap the enclosed panel and the right part will be under the the enclosed panel. Use M6x30 7380 screws, D6 washers and D6 rubber washers to fix the panel on the crown plate.

***Caution! This operation may cause static electricity discharge!**

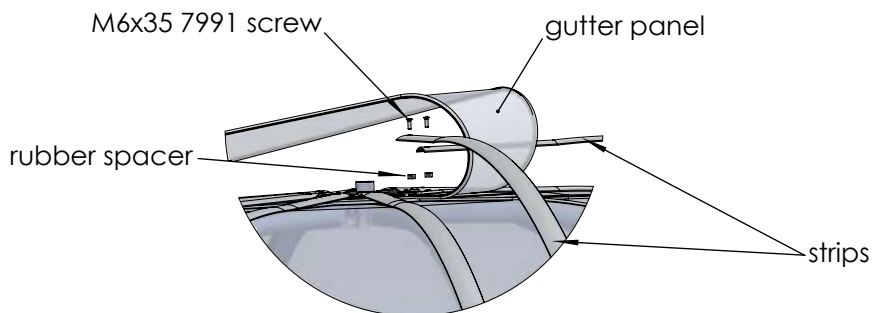
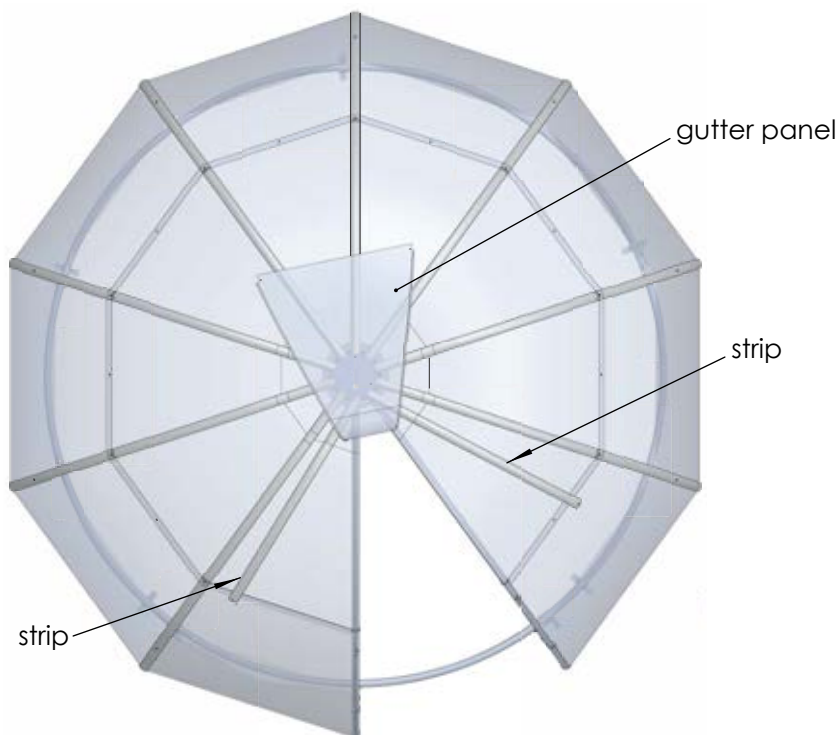


2. Installing the PLUS cover

2.9 Mounting the left/right side of the door strips

Keep the gutter panel bent over and align the upper holes of the strips with the holes of the crown plate having the strips rotated, as shown.

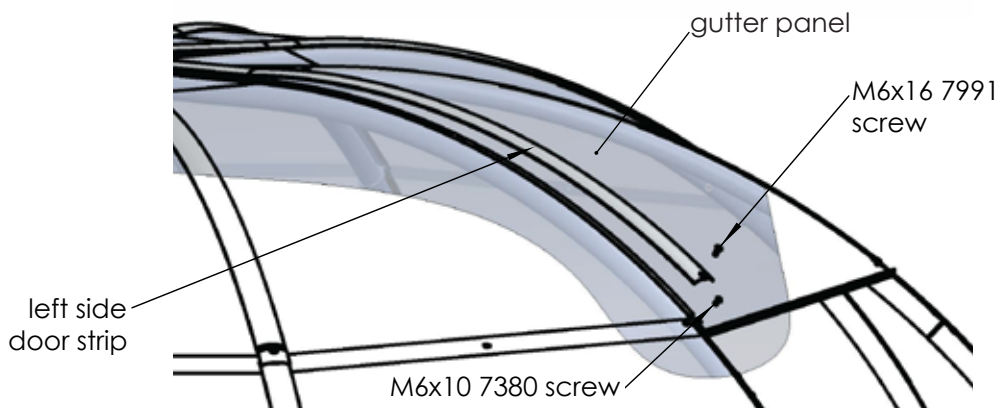
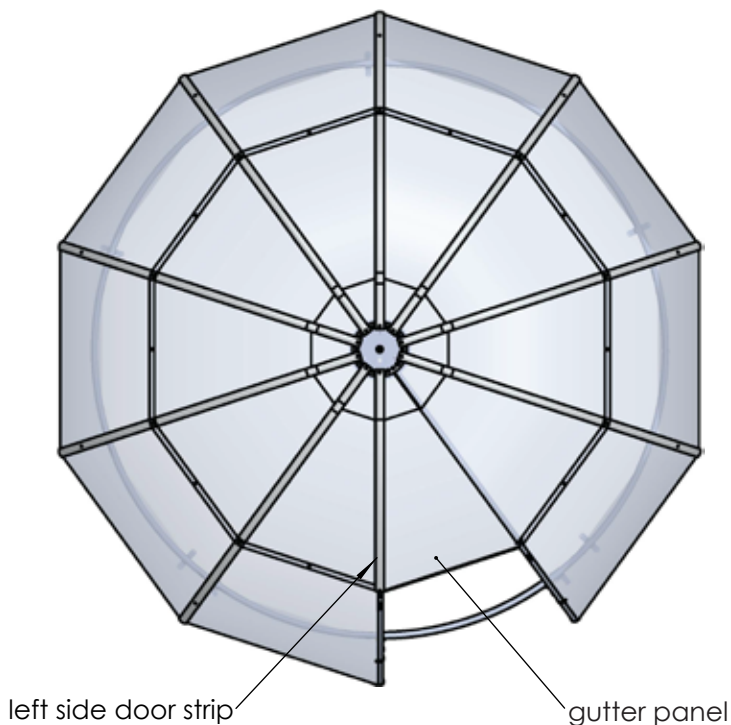
Fix only the upper part of the strips on the crown plate using M6x35 7991 screws. Pass the screw through the rubber spacer that will be between the strip and the crown plate.



2. Installing the PLUS cover

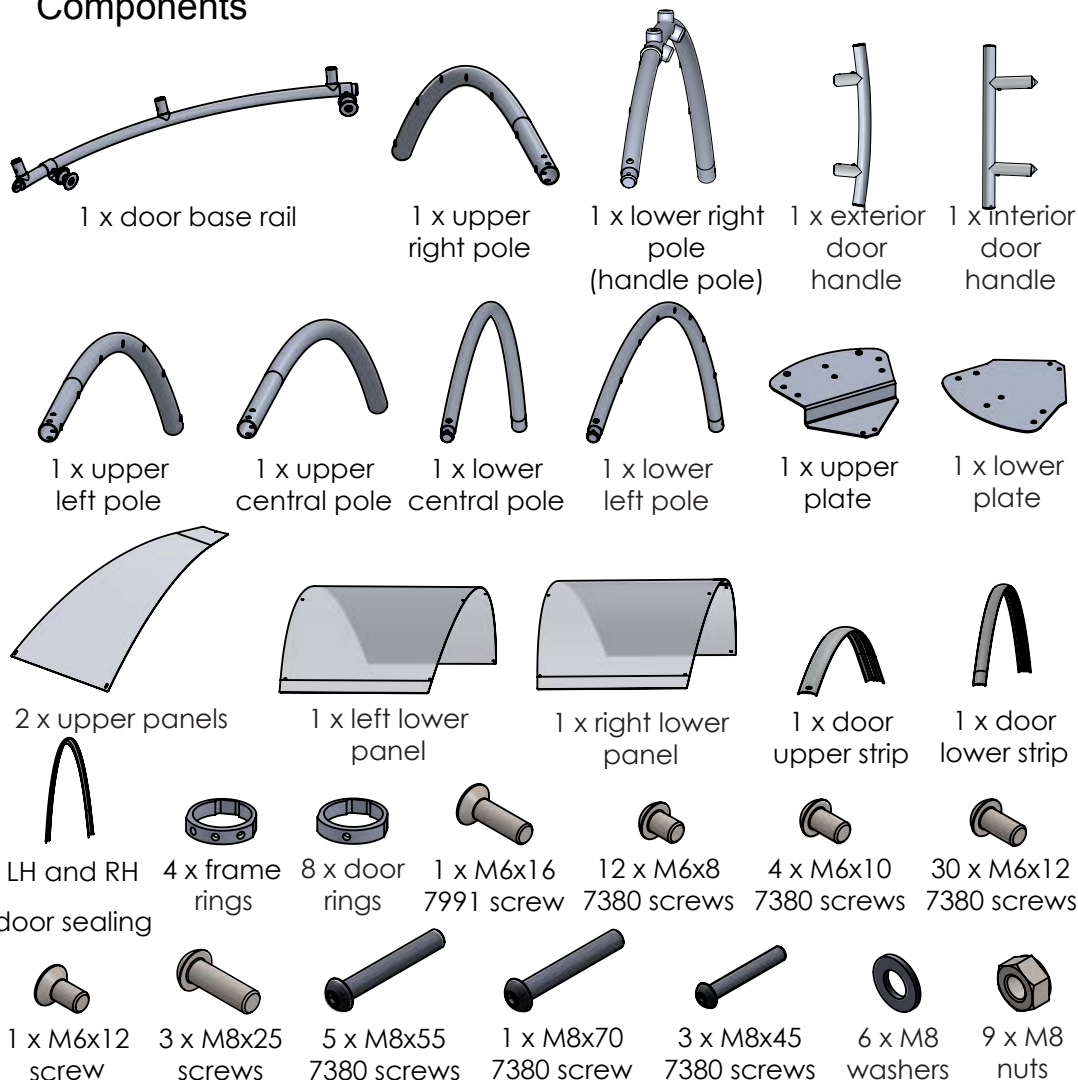
2.10 Fixing the gutter panel

Place the gutter panel in position and fix it in the left lower part using a M6x10 7380 screw. Also fix the lower part of the left side door strip using a M6x16 7991 screw. Tighten the M8x20 7991 screw from the inside of the igloo.



3. The door

Components



Tools included



strips of
protective
sealing



Wrench no.13

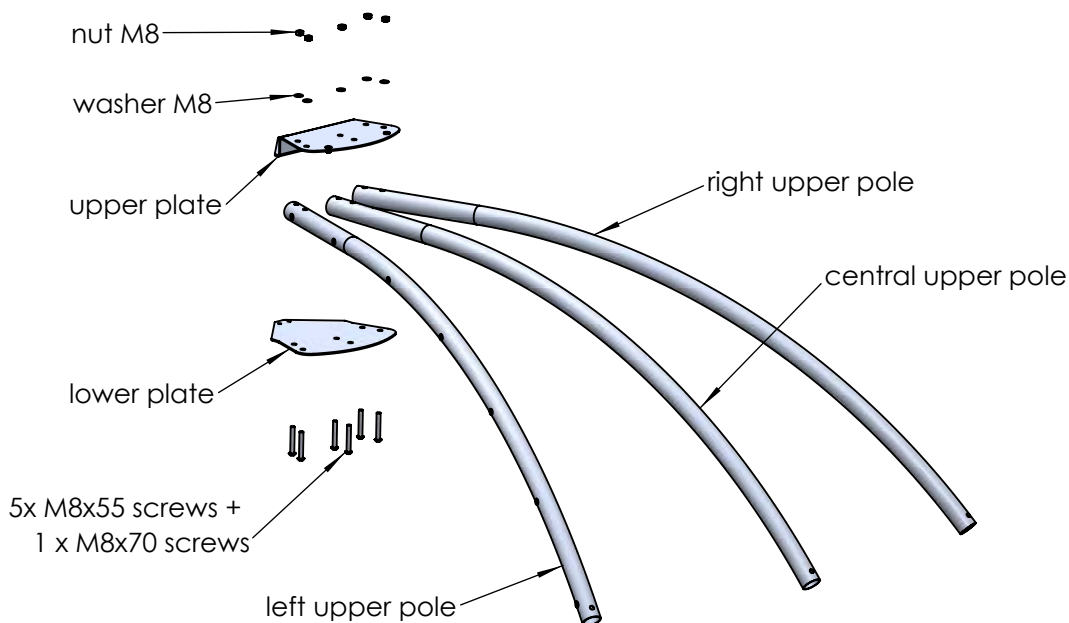


Allen key no.4, 5 and 6

3. The door

3.1 Mount the upper poles

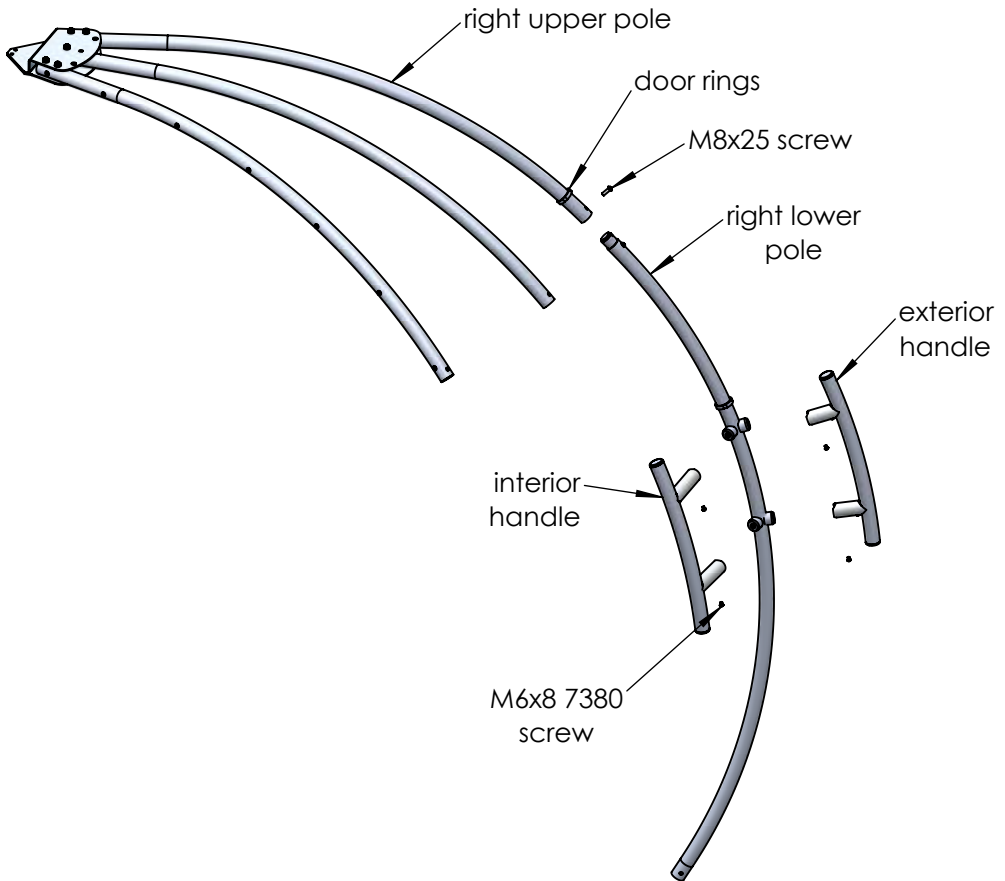
Mount the upper poles between the upper and lower plate and fix them using 5 pcs. of M8x55 screws, M8 washers and M8 nuts. The M8x70 screw will be mounted only together with the upper strip.



3. The door

3.2 Mount the right lower pole

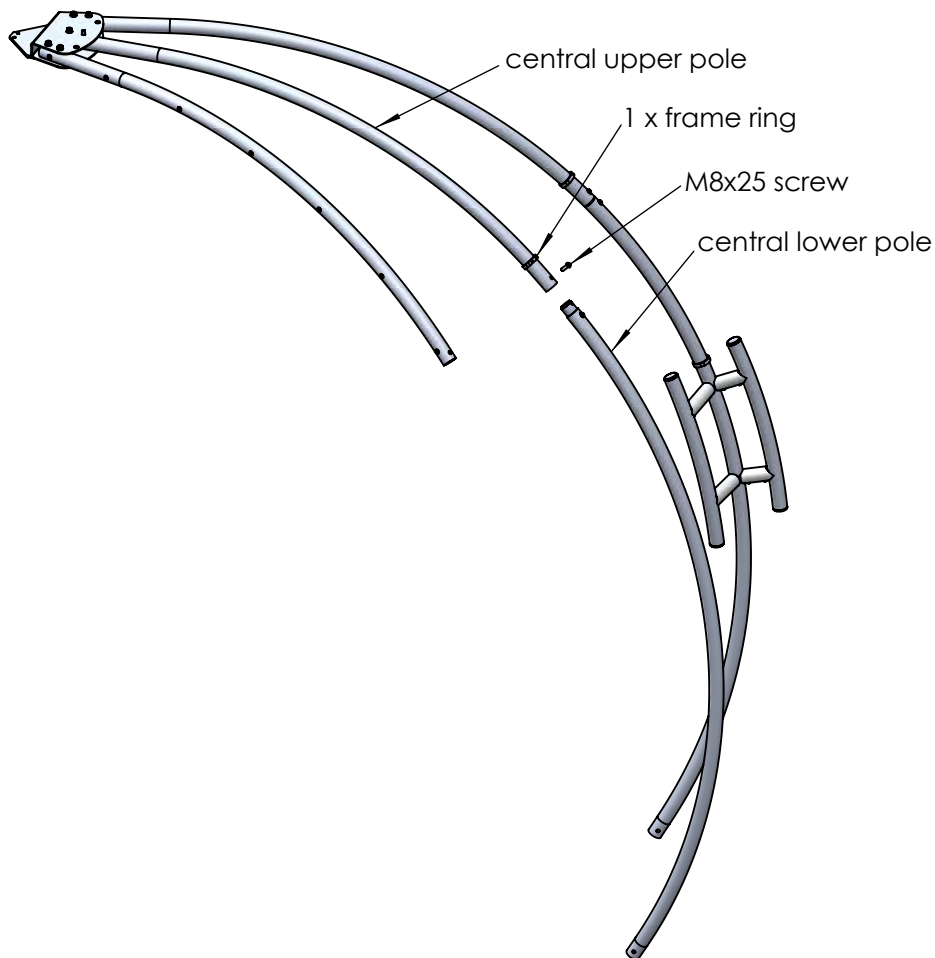
Insert on the right upper pole 1 pc. of door ring then join the upper assembly with the right lower pole. Fix them using M8x25 screw. Mount the interior handle (the one with the longer spacer) and the exterior handle (the one with the shorter spacer), using M6x8 screws.



3. The door

3.3 Mount the central lower pole

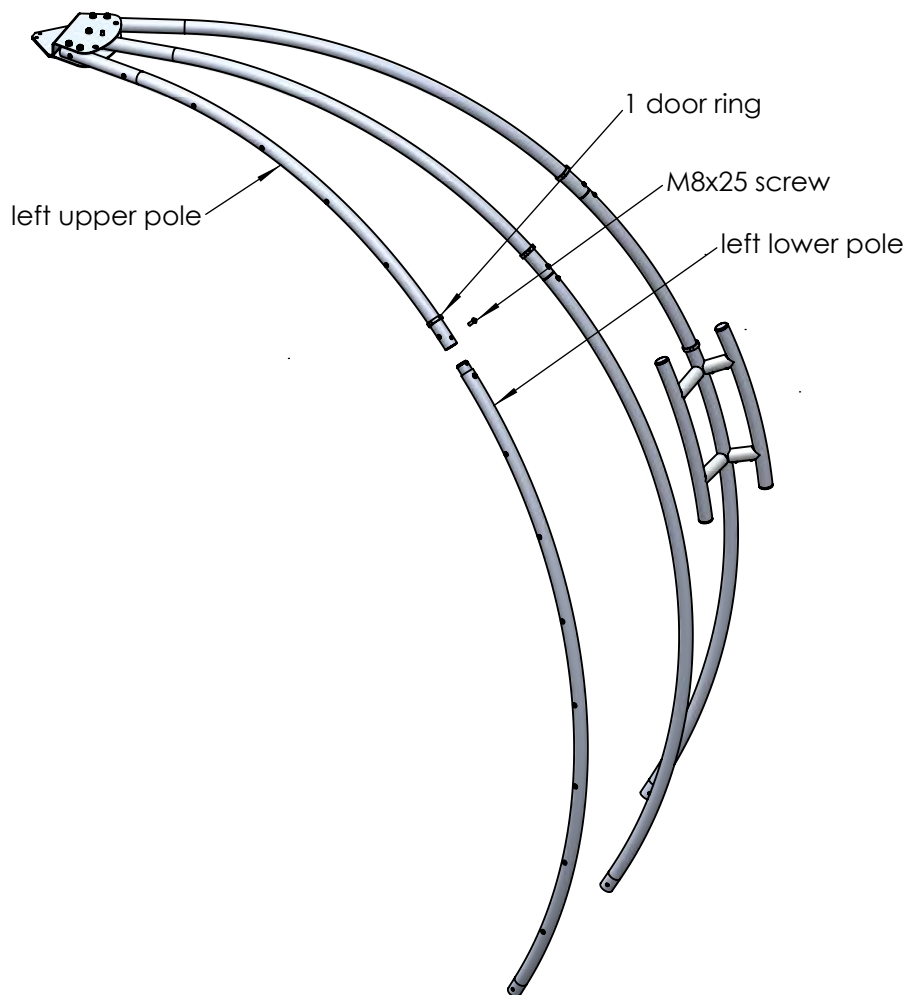
Insert on the central upper pole 1 pc. of frame ring, then join the upper assembly with the central lower pole. Fix them together using 8x25 screw.



3. The door

3.4 Mount the left lower pole

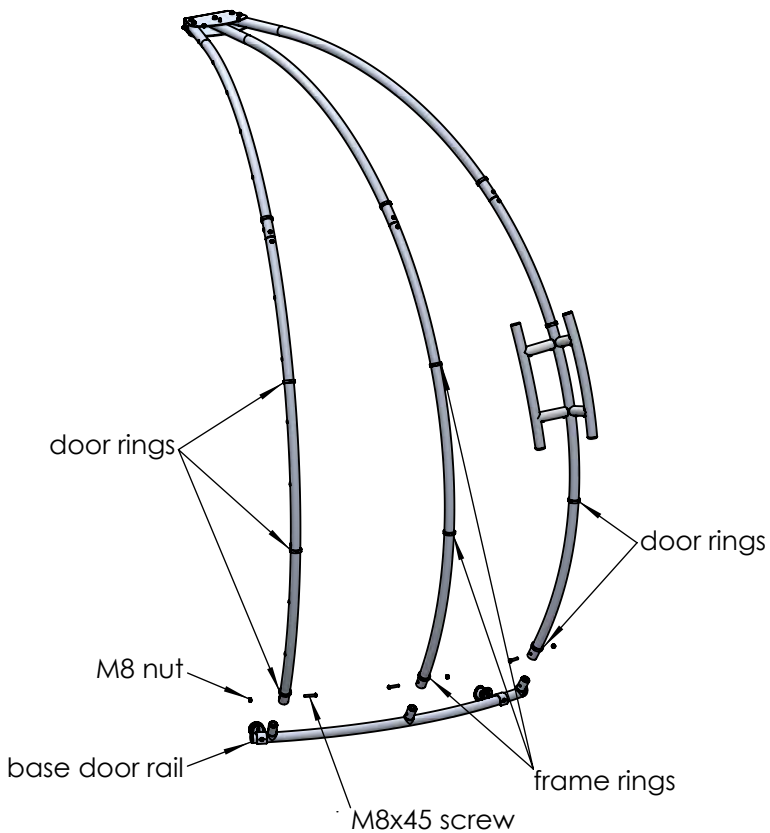
Insert on the left upper pole 1 pc. of door ring, then join the upper assembly with the left lower pole. Fix them together using M8x25 screw.



3. The door

3.5 Mount the base door rail

Insert on the right lower pole 2 pcs. of door ring, on the central lower pole 3 pcs. of frame ring and on the left lower pole 3 pcs. of door ring. Join the base door rail with the upper assembly and fix them using 3 pcs. of M8x45 screws and 3 pcs. of M8 nuts.

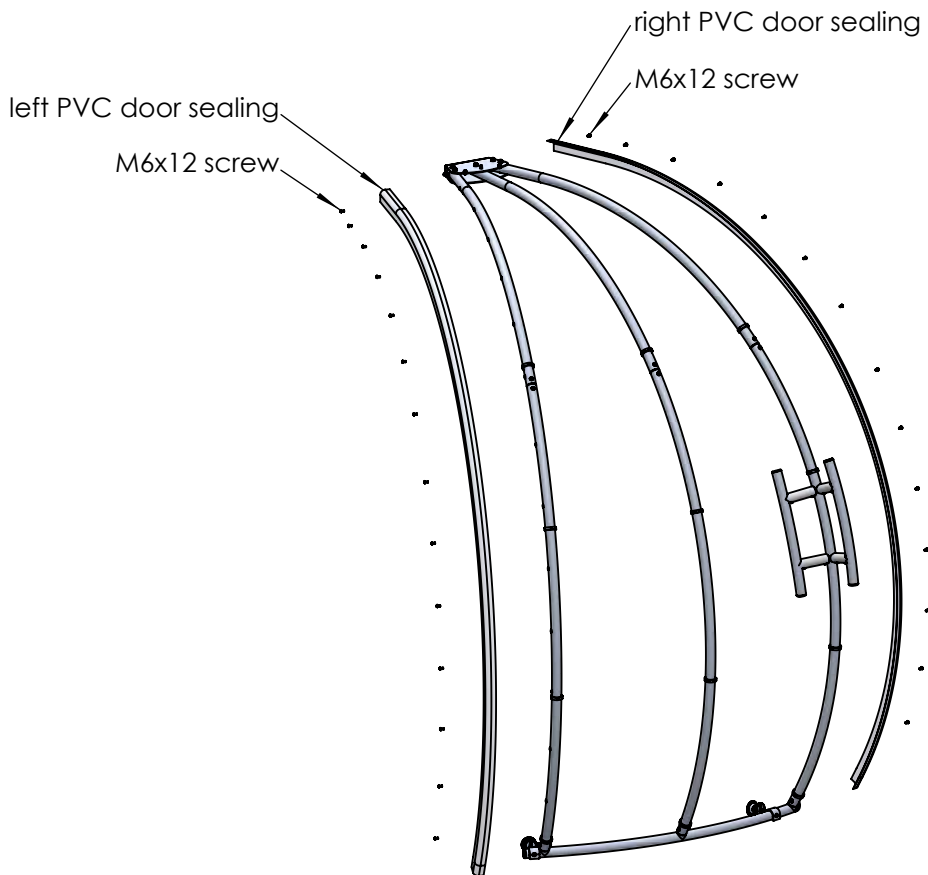


3. The door

3.6 Mount the PVC door sealing

Mount the right and left door sealing on the door frame and fix each one with M6x12 screws.

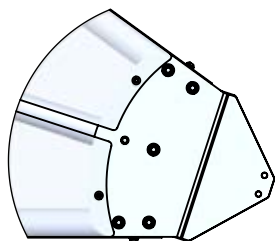
Pay attention to the position of the door sealing. Each one has its own place. The right one has a cut section for the handle and the left one does not.



3. The door

3.7 Mount the upper panels

Mount the upper panels and fix them in the upper part using M6x12 screws.



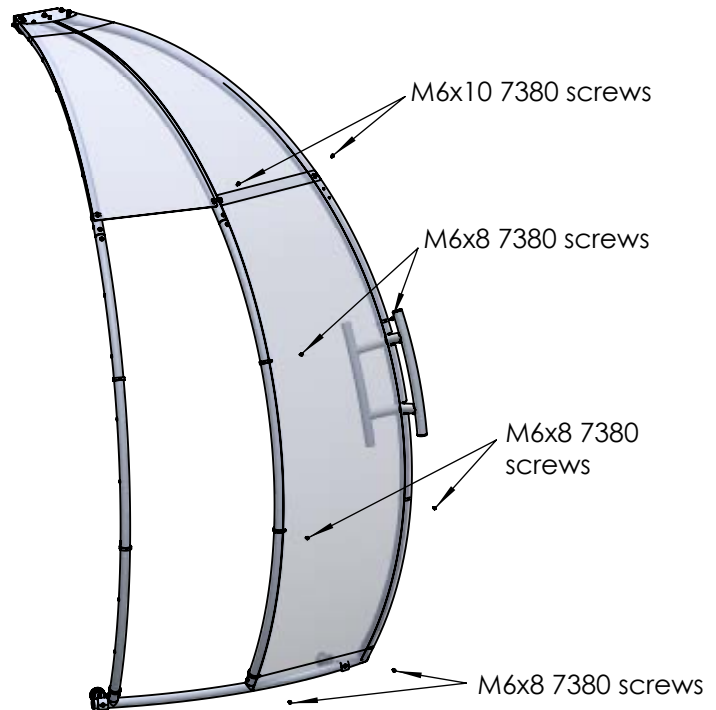
Top view of the door with the upper panels installed



3. The door

3.8 Mount the right lower panels

Place the upper part of the right lower panel under the right upper panel. Align the lower holes of the upper panel with the upper holes of the lower panel and fix them on the upper rings using 2 pcs. of M6x10 7980 screws. Also fix them in the lower part using 6 pcs. of M6x8 7380 screws.



3. The door

3.9 Mount the left lower panels

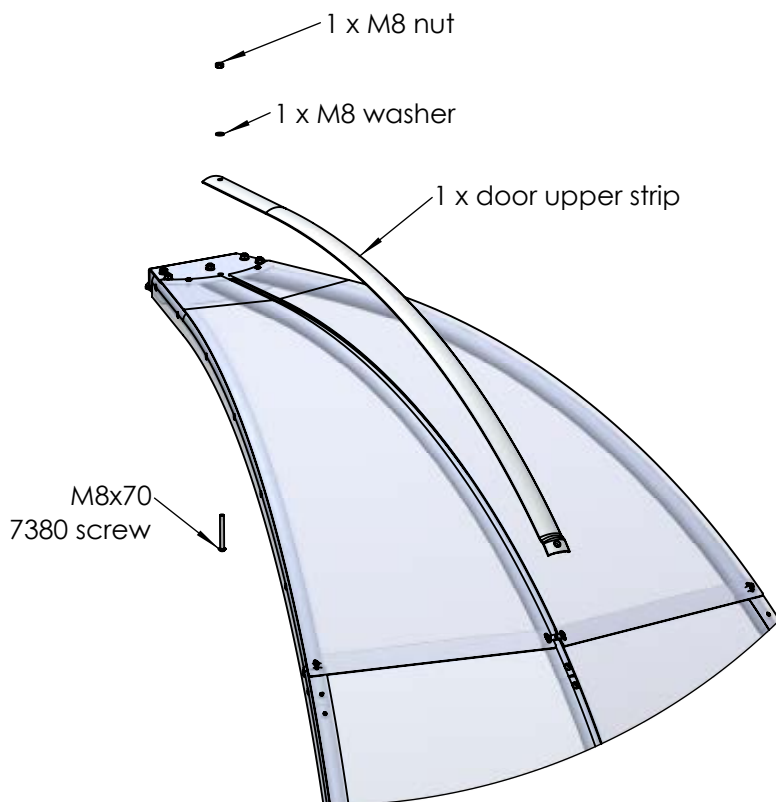
Place the upper part of the left lower panel under the left upper panel. Align the lower holes of the upper panel with the upper holes of the lower panel and fix them on the upper rings using 2 pcs. of M6x10 7380 screws. Also fix them in the lower part using 6 pcs. of M6x8 7380 screws.



3. The door

3.10 Mount the door upper strip

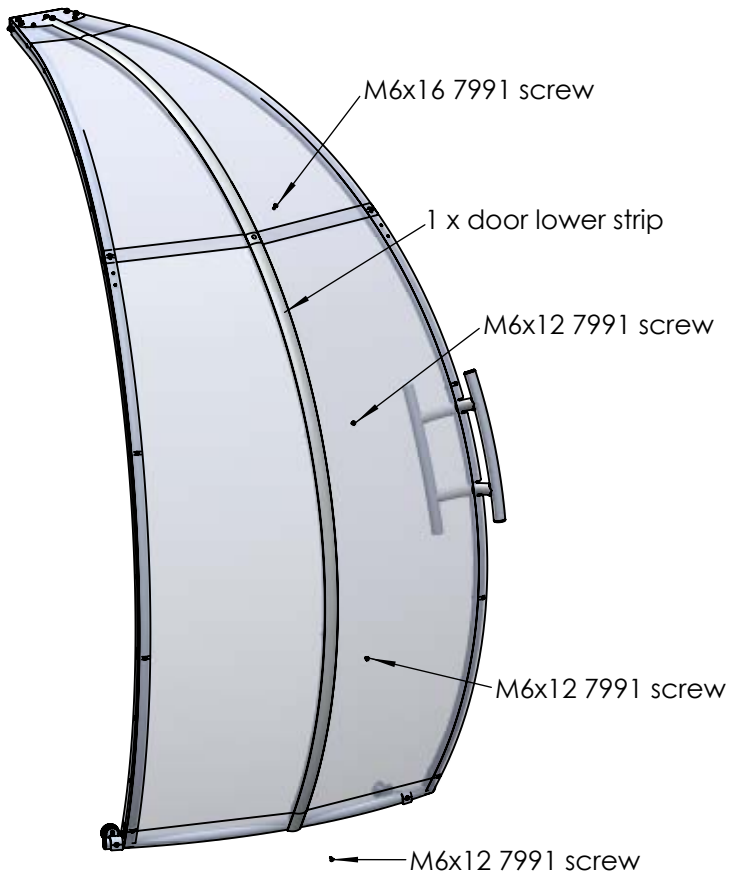
Mount the upper strip on the central upper pole and fix it using M8 washer and M8 nut as shown.



3. The door

3.11 Mount the door lower strip

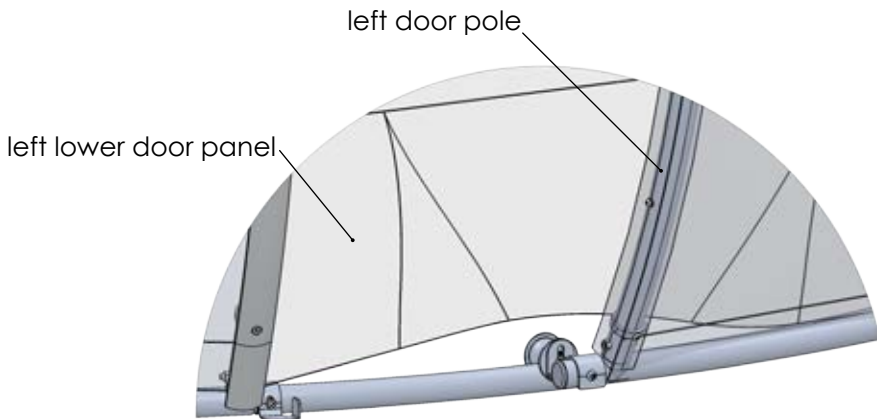
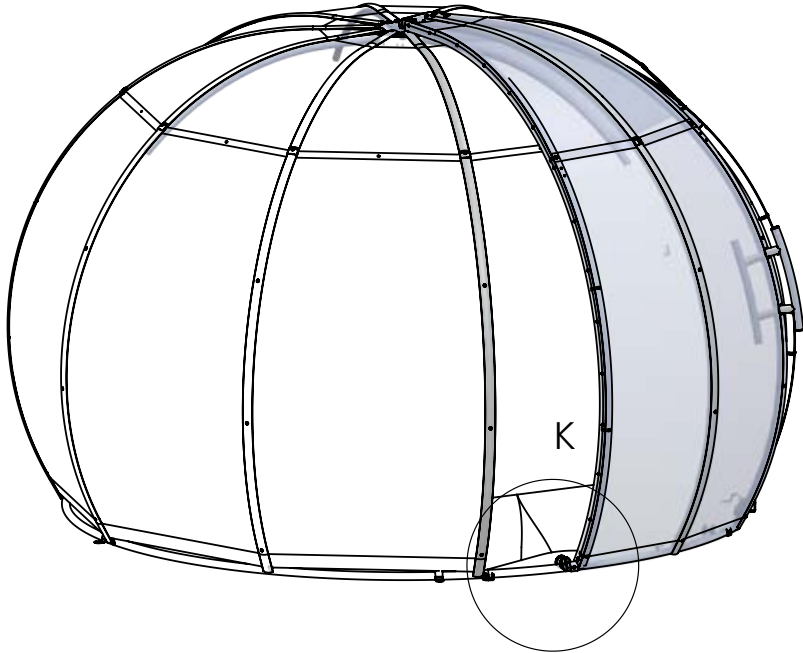
Place the upper part of the lower strip under the lower part of the upper strip. Use M6x16 7991 screw to fix them together on the upper frame ring. Use 3 pcs. of M6x12 7991 screws to fix it in the lower part on the lower frame rings.



4. Install the door onto the igloo

4.1 Place the door on the igloo

Place the wheels on the base rail, one wheel in the left side of the left door pole and one wheel on the right side of the pole. Bend the left lower panel (which is shorter in order to help install the door more easily), allowing the wheel to get behind it.

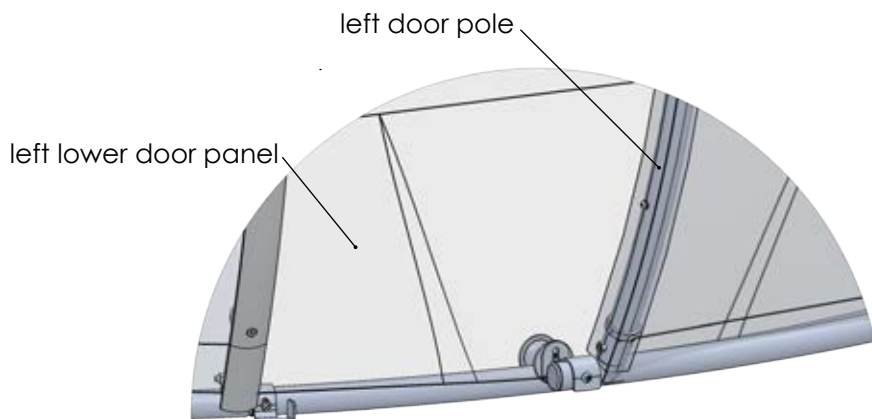


DETAIL K

4. Install the door onto the igloo

4.1 Place the door on the igloo

Make sure that the panel is back to its initial position and that the wheel is on the rail.

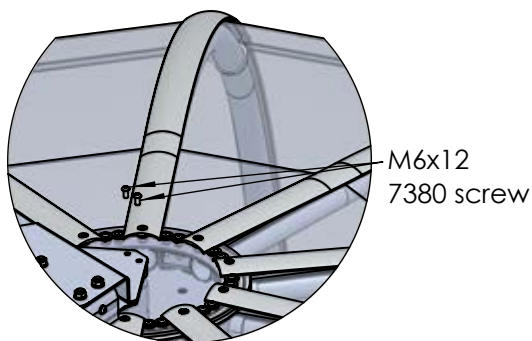
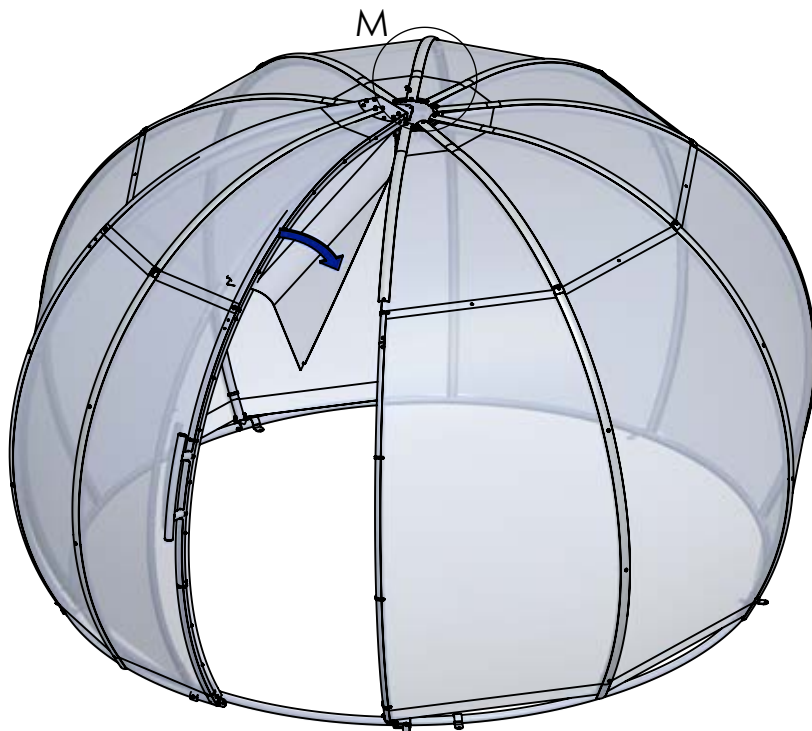


DETAIL L

4. Install the door onto the igloo

4.2 Fixing the door to the central bolt assembly

Put the door in open position. Bend the right part of the gutter panel towards the inside of the igloo, to gain a better position for fixing the door in the upper part. Fix the door in the upper part, to the central bolt, using 2 pcs. M6x12 7380 screw.

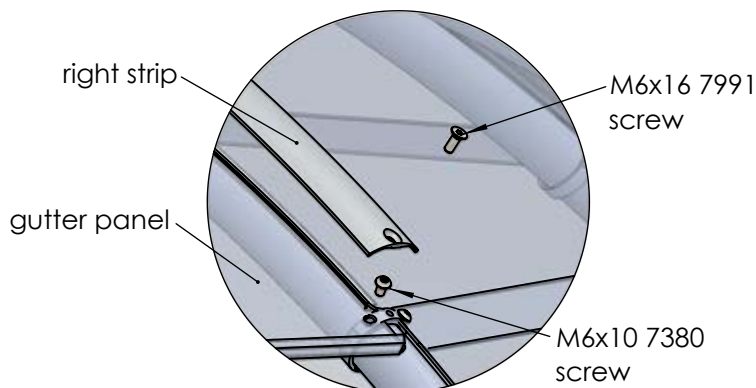


DETAIL M

4. Install the door onto the igloo

4.3 Fix the gutter panel

After the door is in place, bend the gutter panel back to its initial position and secure it in place with a M6x10 7380 screw. Then also fix the right door strip using a M6x16 7991 screw.

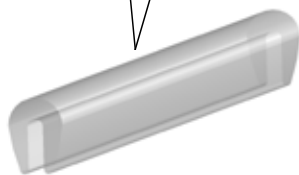


DETAIL N

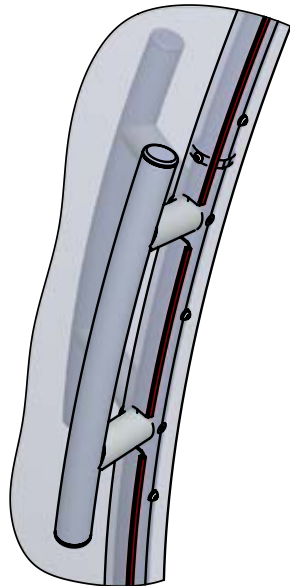
4. Install the door onto the igloo

4.4 Applying the protective strips

Apply the protective strip on the edge of the polycarbonate panels which are the lower panel on right side of the door and right lower door panel. The protective strips are pre-cut to size. Place the trimmed strips on the areas of the panels where they fit.



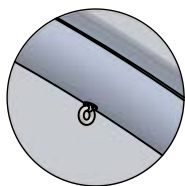
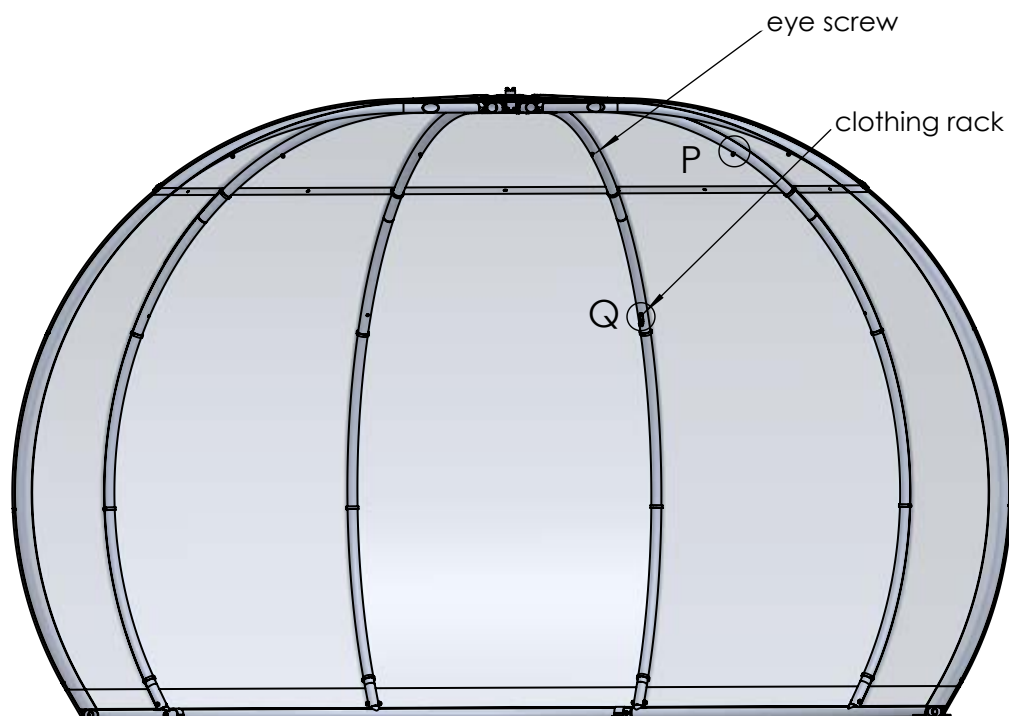
protective strip



DETAIL O

5. Mount the accessories

Install the 2 clothing racks on the desired poles using the M4x10 7991 screws. Install the eye screws on the upper poles and fix the SKY VIEW PRIVACY accessory (not included in PLUS COVER) or the desired accessory/ornament.



DETAIL P



DETAIL Q

Do not leave the Igloo partially assembled! Always make sure to complete the installation right away and check if all elements are secured!

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Investment Co., Ltd.
Room 1003, Block 2,
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Pudong New Area,
Shanghai China 201315
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Costco Wholesale Japan
Ltd.
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