

DANCOVER[®]

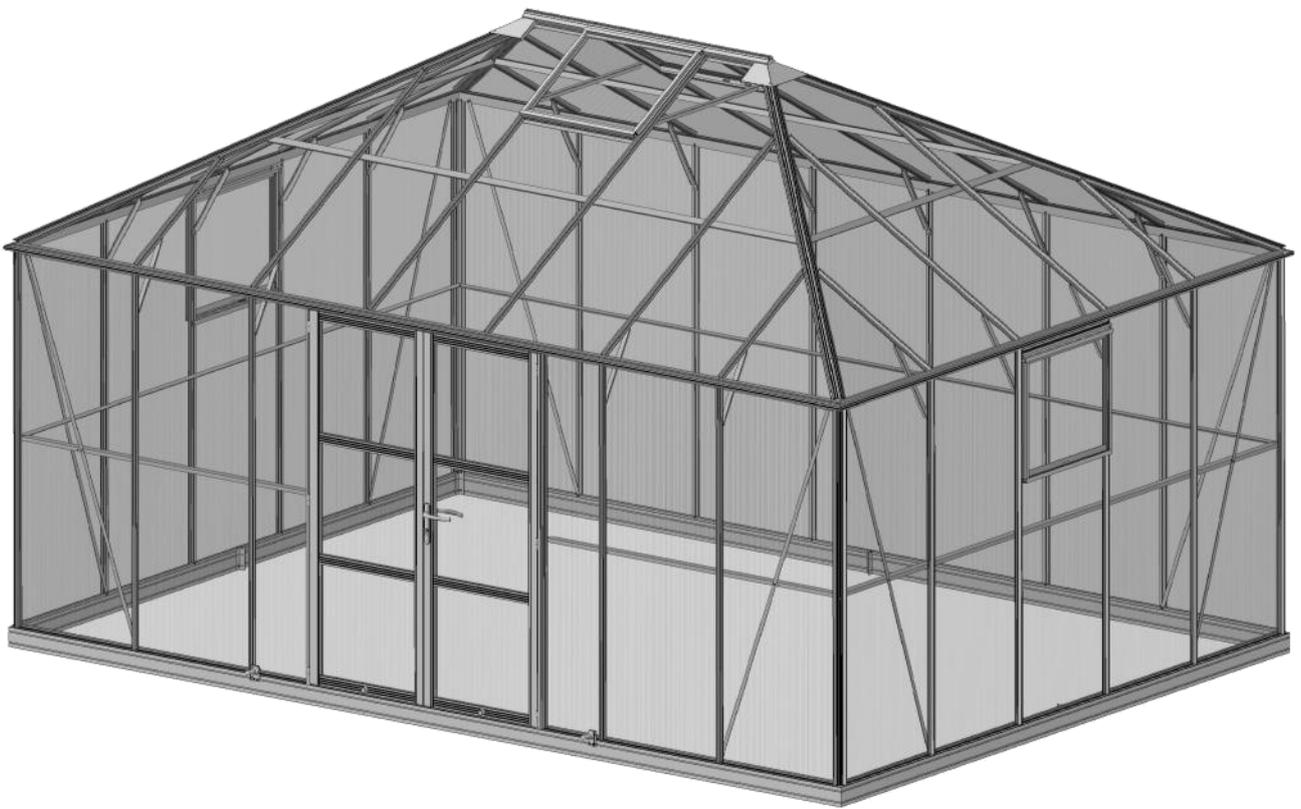
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Manual
for
Greenhouse
5,14x3,71x3,15m

Greenhouse

Assembly Instructions

— For Hinged Door



Walk-in Greenhouse

Thank you for purchasing your new greenhouse. We recommend you familiarize yourself with the instructions and read all safety information before you commence assembly.

These instructions are divided into sections: Base, Part lists, Preparation, Side wall, Rear wall, Front wall, Roof, Vent, Door, PVC capping bar, Glass, Down pipes, Optional Turbine Vent, Anchoring greenhouse to slab or base etc.

Shelving and Staging inside greenhouse are optional also, not including in this instructions.

Package 1(x2) mainly for side wall parts, Package 2 for rear wall parts, Package 3 for front wall parts, Package 4 for roof frames and parts, Package 5 for side vent parts, Package 6 for door parts, Package 7 for PVC bars and fixing clips parts, Package 8 for down pipes parts, Package 9 for roof vent parts, and etc.

Safety Warning

1. Aluminum profiles, glass can potentially cause injury. Please ensure you wear protective goggles, gloves, headgear and suitable footwear when assembling and glazing the building.
2. Please remember that glass is fragile and should be handled with extreme care. Always clear up and dispose of any breakages immediately.
3. Do not assemble the greenhouse in high winds.
4. For safety reasons and ease of assembly, we recommend that this greenhouse is assembled by a minimum of two people.
5. The product you have purchased is intended only for the growing of plants and should only be used for this purpose. When used for other purposes we will take no responsibility.
6. When using a step ladder one person should steady it at all times whilst the other works.
7. Should you encounter difficulties constructing this house, or in positioning the glass, please contact your retailer– do not use force!
8. The greenhouse must always be anchored.
9. Please clear all lying snow from the greenhouse roof as it can cause the roof to buckle or collapse.

Site Preparation

1. When selecting a site for your greenhouse, Always try to select a sunny location, it is vital that you choose as flat and level an area as possible.
2. Supplier's original chamber box section Alu. base or a concrete or slab base will provide the most solid foundation for your greenhouse.
3. Do **not** fix your building down until the building is fully assembled, including glazing.
4. Avoid placing your greenhouse under trees or in other vulnerable locations.
5. To minimize the risk of wind damage, try to select as sheltered a site as possible, e.g. beside a hedgerow or garden fence.

Important

Before assembling your new greenhouse, please check that all parts in the provided list are included. Please take each bundle out of the packaging in order to identify the parts better. Most parts are numbered and can be identified by a stamped number or removable label. Alternatively, the components can be identified by lengths detailed in the packing list (see diagram below). Please also note that **NOT** all parts for a specific area will be packed together, i.e. door related components are packed together and some are used in main frame construction. And for GH170090 model, some extra long parts like gutter, sill bar (base) and rear horizontal bracing bar were packed in specific package.

It is important that the opened bundles do not get mixed with one another. If something is missing please contact your retailer.

Additional Considerations

1. Please bear in mind that assembling your greenhouse can be time consuming. You may need to spread the construction over two or more days. We recommend that you avoid leaving the building partially glazed. If you ever have to leave your greenhouse half assembled and not anchored down, weigh it down with slabs or bags of sand to stop the wind moving it.
2. You will find it helpful to prepare a large, clean and clear area in which to work in. A garage floor or flat lawn area is ideal.
3. Anchoring down your greenhouse should be the final stage of construction just after glazing.

Necessary Tools

Screw drivers (Normal and Crosshead PH2), 10 mm socket spanner or wrench, 10 mm combination spanner, knife, measuring stick, spirit level, Accu-drill with adjustable torque, Step ladder.

Maintenance

The greenhouse should be thoroughly washed with a gentle detergent occasionally. Please check that the detergent used does not react aggressively with aluminium or plastic.

Ensure that the door tracks are cleaned regularly to avoid a buildup of debris. If hinged door, the hinge should be lubricated usually.

Guarantee

Your new greenhouse is guaranteed for 10 years against faulty manufacture of the framework. This does not include glazing, moving parts, accidental damage or wind damage etc..

Base

We cannot emphasize how important it is to have a proper base for your Greenhouse to be erected upon.

It is essential that the **BASE IS FLAT, LEVEL AND SUBSTANTIAL** enough to take the weight of the greenhouse including its heavy glass.

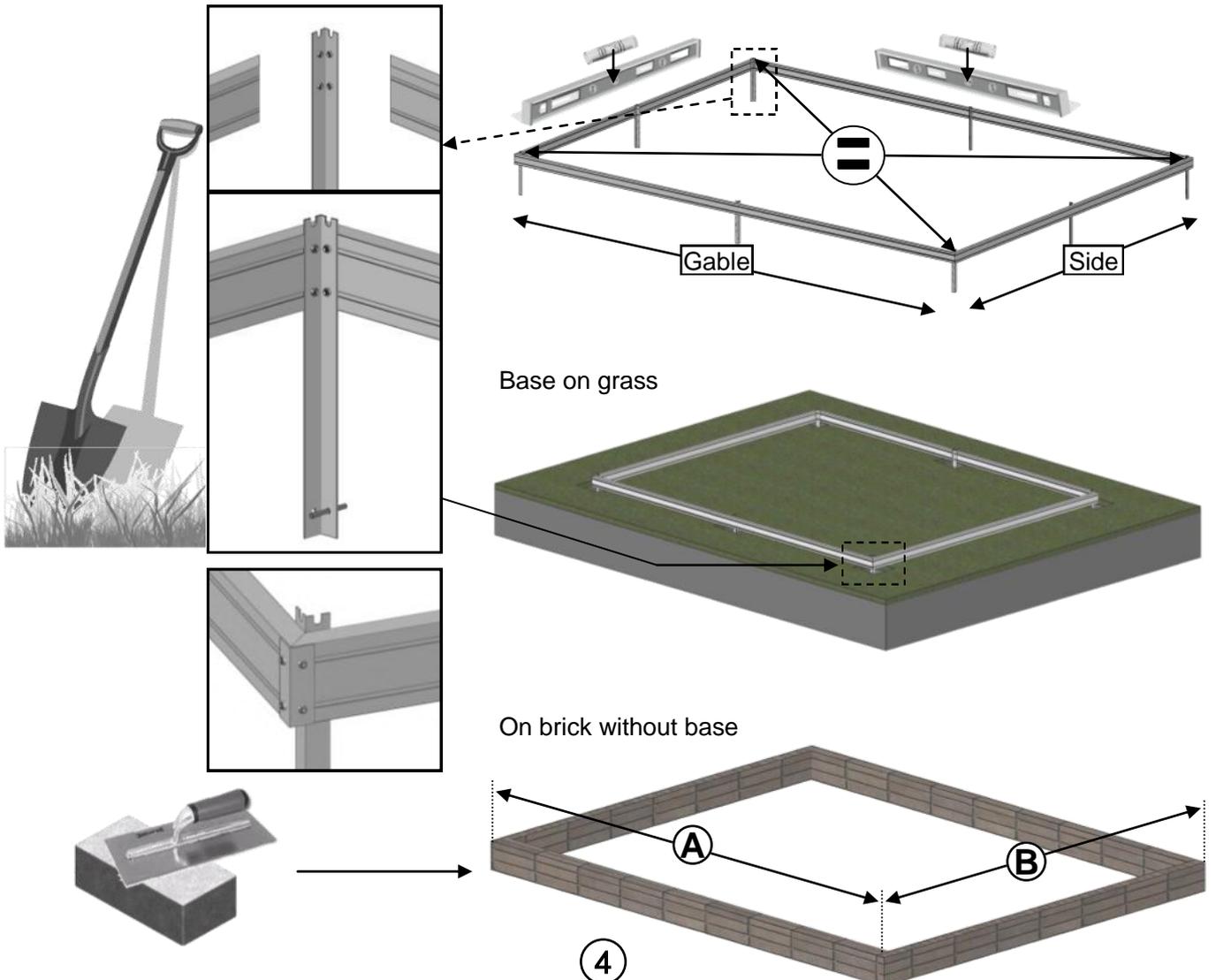
Give yourself enough room around your base to allow for fitting the glass and any ongoing maintenance / cleaning. A slab base which is larger than the greenhouse is the ideal solution and is our preferred foundation.

A brick perimeter base is equally suitable providing there is a concrete foundation beneath it. We suggest using a solid brick with no frogs or holes (quality stock bricks or semi-engineering bricks).

IMPORTANT: Do not anchor your greenhouse down until it is fully assembled including glazing unless you are 100% sure your base is flat and level. and the diagonal measurements equal. If not your glass will not fit properly.

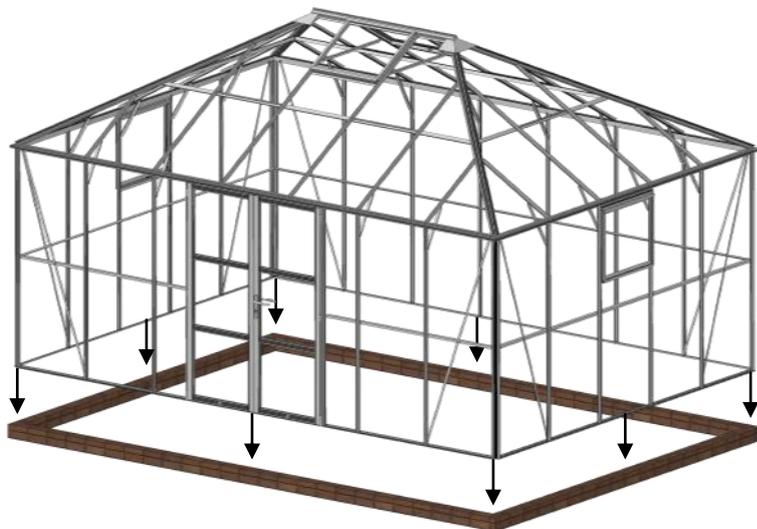
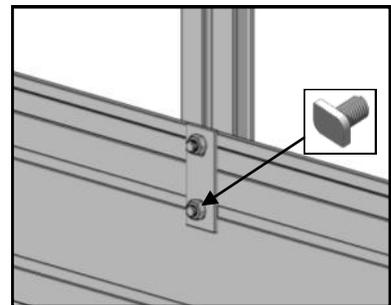
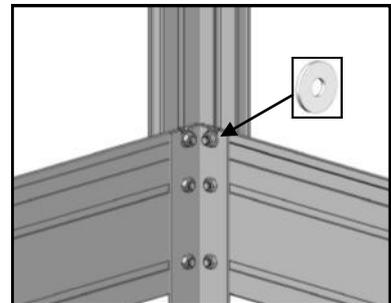
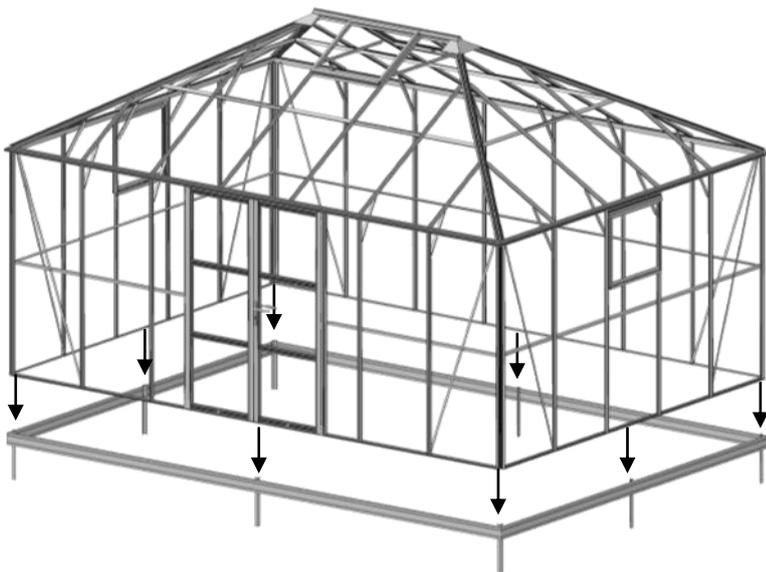
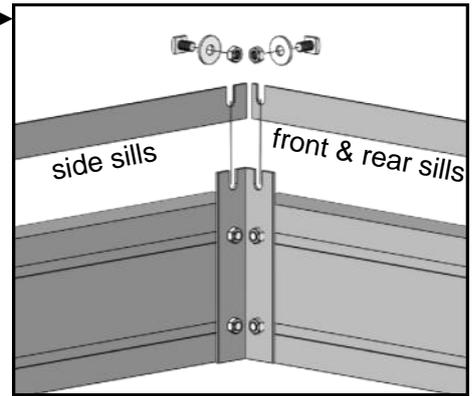
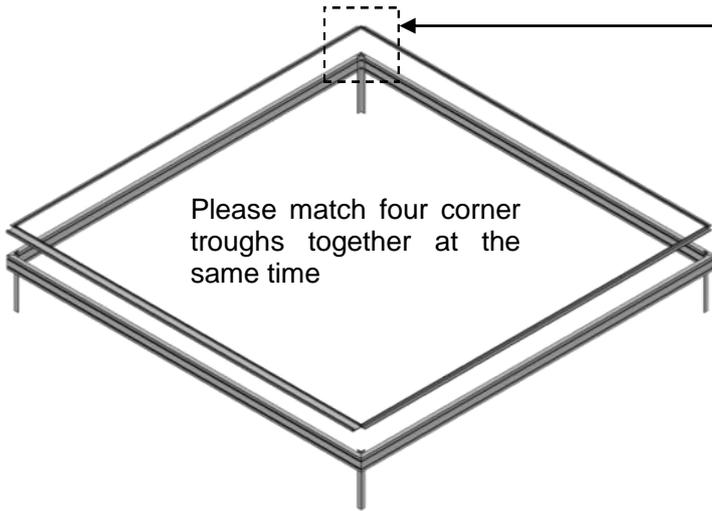
If you use supplier's original chamber box section alu. base, also recommended.

| | | | | | | | | | |
|-----------------|---|---|---|---|---|--|---|---|---|
| |  |  |  |  |  |  |  |  |  |
| | Gable profiles (mm) | Side profiles (mm) | Anchor legs | Cornerite | Fixing tabs | M6x10 | M6 | M6x10 Crop | Washer |
| GH170090 | 2x5109 | 2x3675 | 8 | 4 | 20 | 40 | 60 | 20 | 12 |



Base

IMPORTANT Before assembling aluminium base, the end trough centers of four legs should match both end trough centers of side sills and front & rear sills at the same time.



| | |
|----------|---|
| |  |
| # | m5 |
| GH170090 | 24 |

Parts List

Package 1 Side wall

| | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|-------|----|-------|-----|
| | | | | | | | | | | | |
| # | 7601 | 7025 | 9307 | 7607 | 9317 | 7910 | 7037 | a1 | a2 | a3 | a20 |
| Size | 1922 | 3613 | 3707 | 1922 | 3601 | 2033 | 464 | M6x10 | M6 | M6x15 | - |
| QTY | 2 | 1 | 1 | 4 | 1 | 2 | 4 | 20 | 26 | 6 | 26 |

Package 2 Rear wall

| | | | | | | | | | | |
|------|------|------|------|------|------|------|-------|----|-------|-----|
| | | | | | | | | | | |
| # | 9311 | 9310 | 7607 | 9319 | 7910 | 7037 | a1 | a2 | a3 | a20 |
| Size | 5047 | 5141 | 1922 | 5035 | 2033 | 464 | M6x10 | M6 | M6x15 | - |
| QTY | 1 | 1 | 6 | 1 | 2 | 6 | 26 | 34 | 8 | 34 |

Package 3 Front wall

| | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|-------|----|-------|------|-----|----|----|--------|
| | | | | | | | | | | | | | | | |
| # | 9314 | 9309 | 7607 | 7530 | 9323 | 7910 | 7037 | a1 | a2 | a3 | a19 | a20 | h1 | h3 | Rubber |
| Size | 5047 | 5141 | 1922 | 1922 | 1809 | 2033 | 464 | M6x10 | M6 | M6x15 | M6x8 | - | 30 | 62 | - |
| QTY | 1 | 1 | 4 | 2 | 2 | 2 | 4 | 24 | 44 | 8 | 12 | 32 | 4 | 2 | 4M |

Package 4 Roof

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | | | | |
| # | 9333 | 9334 | 9335 | 9338 | 9339 | 7344 | 9342 | 9347 | 9326 | 7351 | 9363 | 9364 |
| Size | 2684 | 813 | 813 | 1642 | 1642 | 2070 | 1890 | 3324 | 1496 | 920 | - | - |
| QTY | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 2 | 1 | 2 | 2 | 2 |

| | | | | | | | | | |
|------|------|------|----|-------|-----|-----|---------|---------|-----|
| | | | | | | | | | |
| # | 9365 | 9366 | m3 | a1 | a2 | a20 | a5 | a18 | p14 |
| Size | - | - | - | M6x10 | M6 | - | Φ3.5x19 | Φ3.5x13 | - |
| QTY | 2 | 2 | 16 | 150 | 150 | 150 | 2 | 4 | 4 |

Package 5 Side Vent

| | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|----|-------|----|--------|------|-----|----|-----|-----|
| | | | | | | | | | | | | | | | |
| # | 7870 | 7053 | 7874 | 7055 | 7056 | 7057 | m3 | a1 | a2 | a4 | a7 | a10 | p3 | a20 | p11 |
| Size | 730 | 739 | 718 | 701 | 592 | 300 | - | M6x10 | M6 | Φ3.9x8 | M4x8 | M4 | - | - | - |
| QTY | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 10 | 10 | 2 | 2 | 2 | 2 | 10 | 4 |

Parts List

Package 6 Door

| | | | | | | | | | | | |
|------|---|---|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |  |  |  |
| # | 7523 | 7524 | 7525 | 7526 | 7527 | 7961 | 7529 | a9 | a2 | a5 | a11 |
| Size | 687 | 687 | 687 | 1909 | 1909 | 1909 | 569 | M6x10 | M6 | Φ3.5x19 | M6x25 |
| QTY | 2 | 2 | 4 | 1 | 2 | 1 | 12 | 4 | 39 | 32 | 4 |

| | | | | | | | | | | | |
|------|---|---|---|---|---|---|---|-------|---|---|---|
| |  |  |  |  |  |  |  | |  |  |  |
| # | a17 | a19 | h1 | h7 | m12 | S1/S2 | S3 | LOCK | Rubber | Fluff | |
| Size | Φ3.5x13 | M6x8 | 30 | - | - | - | - | - | - | - | |
| QTY | 4 | 33 | 6 | 6 | 2 | 2 SETS | 2 | 1 SET | 2M | 1.4M | |

Package 8 Downpipe

| | | | | | | | | |
|-----|---|---|---|---|---|---|---|--|
| |  |  |  |  |  |  |  |  |
| # | P11 | P12 | P13 | P14 | P16 | P17 | a18 | - |
| mm | | | 1400 | 200 | | | Φ3.5x13 | 100 |
| QTY | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 4 |

Package 9 Roof Vent

| | | | | | | | | | | | | | |
|------|---|---|---|---|---|---|---|--|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |  |  |  |  |  |
| # | 7053 | 7054 | 7055 | 7056 | 7057 | a1 | a2 | a4 | a7 | a10 | p3 | a20 | p11 |
| Size | 739 | 718 | 701 | 592 | 300 | M6x10 | M6 | Φ3.9x8 | M4x8 | M4 | - | - | - |
| QTY | 1 | 1 | 1 | 2 | 1 | 6 | 6 | 2 | 2 | 2 | 2 | 6 | 4 |

ASSEMBLY SYNOPSIS: IMPORTANT INFORMATION / CONSIDERATIONS

BASE

Base dimensions and recommendations. Ensure that your base is level as this will make assembly of the building, especially the glazing of the roof much more straight forward.

PARTS LIST Most components should have a code punched into their metal surface. Identify and separate all like for like components prior to assembly. The parts lists also separates parts into the various sections Package 1 - Package 8 shown above. Parts can also be identified by their profile pictures and stated lengths etc..

PREPARATION The frame is assembled by feeding square headed bolts, either 10mm or 15mm in length into the slots on glazing bars and then locating those bolts through holes in purlings and cills, etc... Twist in (rectangular) crop headed bolts are also used towards the end of construction to attach components to the frame when the glazing bar slots are no longer exposed at the ends. On the door frame posts #7530 and door horizontals #7523 & #7524 & #7525, nuts are slid into the channel rather than bolts to ensure minimum protrusion. Tools required / recommended.

SIDE WALL

Use 10mm or 15mm bolts to join the components (note how the head of the bolt slides into each glazing bar during construction). The correct choice of bolt is highlighted with a number #a1/#a3 in each of the diagrams.

At this stage you need to decide where your roof vent are positioned so that you could insert two extra bolts into #7607 glazing bar either side of a vent opening.

Do the same for Rear wall & Front wall later.

JOINING TWO SIDE WALL SECTIONS TOGETHER 1

-----REAR WALL

Use the gutter #9310 and sill #9311 and side horizontal bracing bar # 9319 to join two side wall together on rear wall, It is a good idea to tie some step ladders to the sides to support them if you do not have anyone to hold them for you.

JOINING TWO SIDE WALL SECTIONS TOGETHER 2

----- FRONT WALL

Use the gutter #9309 and sill #9314 to joining two side wall together on front wall.

IMPORTANT: The front wall contain two door posts #7530, Please also ensure that the door rubbers are inserted into door frame posts # 7530.

#7530 houses the door hinges #h1 /#h3 which are fitted in a similar way to the strike using the low protrusion #a19 round headed bolts.

The hinge components are packed with the other door components Package 6. Ensure that the strike is in the correct orientation with the catch hole uppermost. The height the hinges are set at is not important at this stage, they will be set in section of door assembly later.

ROOF

Use ridge connector #9363 to connect half tetragonal roof bracket #9364 and ridge #9326 on both ends.

Use roof glazing bar #7344 to connect ridge #9326 at both sides.

Then lift the assembly onto the roof, Herein you should use step ladders. Connect the roof glazing bars #7344 to the eaves at both sides.

Please Note: You need to insert 4 or 3 extra bolts into each side of roof glazing bar, one(1x1) for roof cantilever use and two(1x2) for roof bracing bar use and one(1x1) for eave cantilever(no eave cantilever above door).

Assemble 4 roof corner bars #9333 on half roof bracket #9364. Please note #9333 overlap bracket at the top angle. And connect the roof corner bars to the eaves at all 4 corners. tighten all bolts.

Please note: You need to insert 4 extra bolts into each side of roof corner bar, two(1x2)for roof bracing bar use and two(2x1) for glazing bar use.

Connect roof glazing bar to roof corner bar with joining plate #m3.

Join 8 short roof glazing bar #9334 & #9335 between roof corner bar and eave.

Join 8 long roof glazing bar #9338 & #9339 between roof corner bar and eave.

Note: ---Please remember to insert an extra bolt in roof short glazing bar(#9334,#9335) in advance for cantilever #7037 use.

---Please remember to insert three extra bolts in roof long glazing bar(#9338,#9339) in advance for cantilever #7037 and roof bracing bar #9342 use.

Assemble the outer tetragonal ridge cone #9366 over the assembled profiles on half tetragonal bracket, using self-drilling screw #a18.

Using tapping screw #a5 to fix ridge cover #9365 on ridge.

DOOR IMPORTANT:

Ensure that you get the three door horizontals#7523 & #7524 & #7525 in the correct orientation. Each horizontal needs two NUTS slid into it which need to line up with the corresponding holes in the door stiles.

TIP: Once you have checked that the handle assembly (L5 / L6 / L7) fits properly you may wish to remove them until the end of the door construction so that the door lies flat on your workbench.

DOOR ATTACHMENT

Though it is possible to build the rest of the greenhouse single-handed, fitting the door is much easier with an extra pair of hands to support the door in its open position when you are moving the h1/h3 into their preferred positions. The height of the door hinges will need to be adjusted by sliding them up and down, h3 sitting down towards the cill at the bottom. Getting the door to swing perfectly without dropping or rubbing on the cill may require some small but vital adjustments. You may also need to insert a packer underneath the door aperture cill #9314 towards the door hinges to avoid interference.

IMPORTANT: Please do NOT let the door slam open or closed as it is likely to cause damage to the door and the frame. Please twist the handle to open and close. Please also be aware that your door KEYS (3 provided) are unique to the building so they should not be stored together.

GLAZING

For glass roof glazing, please start from glass panel #EL4 & EN4. Then extend to both sides. The last one is panel #P4 below roof vent.

For roof glazing, when glazing panels under tetragonal ridge cone (assembled already), PVC capping could be started to push in from middle upper area, then slid to the top area of panels.

VERY IMPORTANT: When you are capping the PVC bars of center panel or glass, one person should hold the step ladder steady at all times for safety sake.

For glass glazing, on the side walls, the single sided adhesive foam goes longitudinally over the greenhouse frame, the glass just sits directly onto the aluminium cills. Two glass fixing clip holding the glass on top in order not to let glass fall down. Remove the white paper on the foam before it gets wet as it is difficult to remove, i.e. it comes off in small pieces.

Layout the bar capping around the building like a sundial checking that all is present and correct. You can also place the roof capping in the gutters so they are closer to hand. It is a good idea to glaze two roof sections first to ensure the building is square followed by two side sections to ensure the building isn't leaning. Make sure the building is square and level before you undertake the glazing and make sure that you do not leave the building part glazed to prevent wind damage.

FINISHING TOUCHES

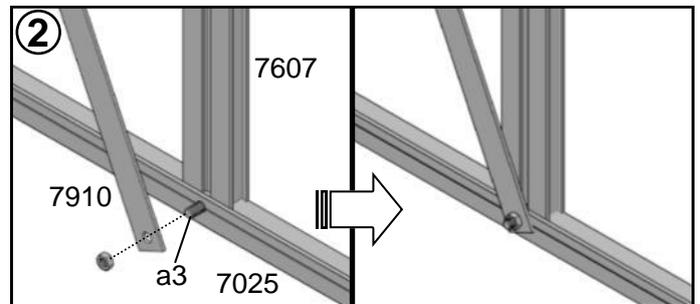
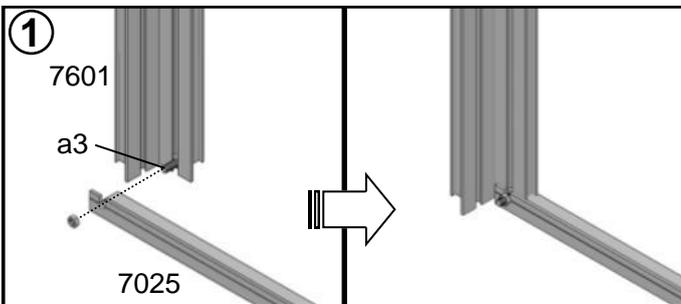
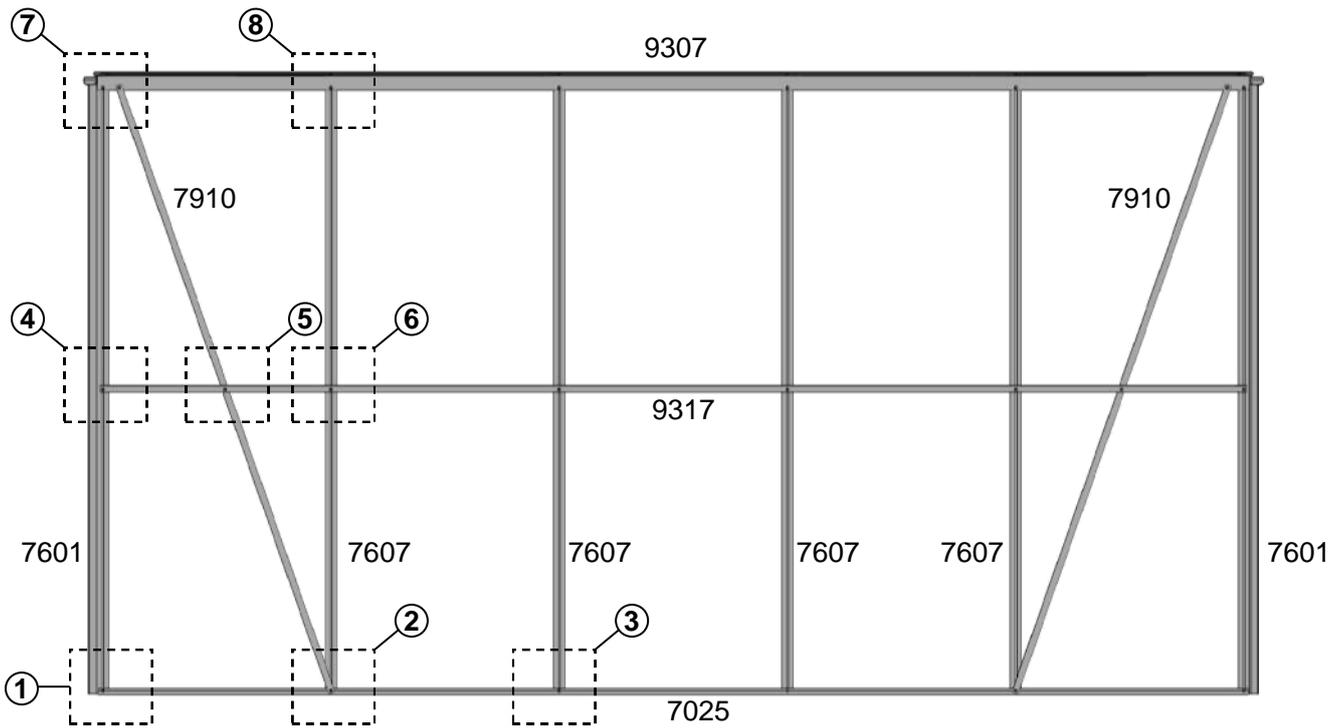
Now that the main body of the structure is complete you can add: downpipe fittings and roof corner bar end cover #p14. Use the silicone to seal between the gutter sections. The downpipe bracket #p16 are attached by carefully using #a18 self-drilling tapping screws which will bore into aluminium. The water outlet jointer #p11 edge should be trimmed firstly to match the gutter hole better.

ANCHORING DOWN

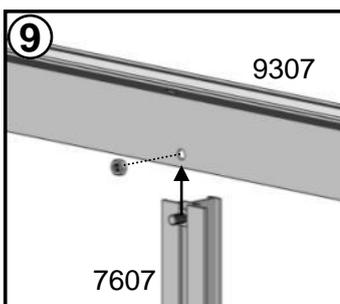
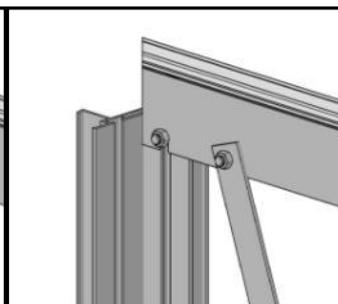
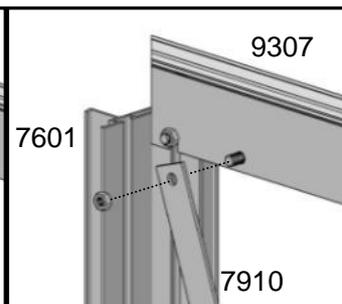
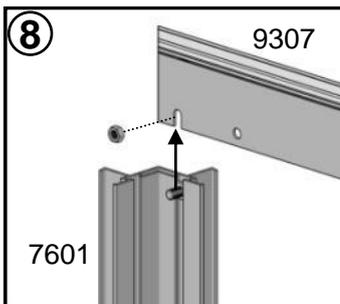
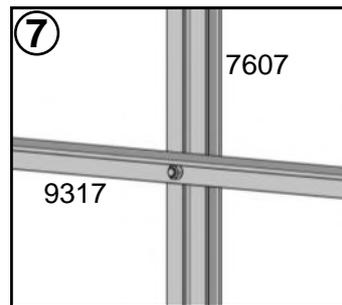
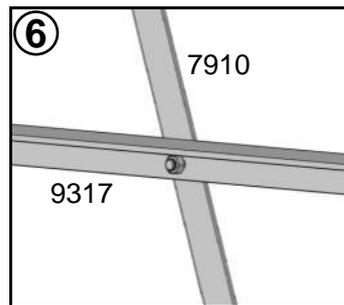
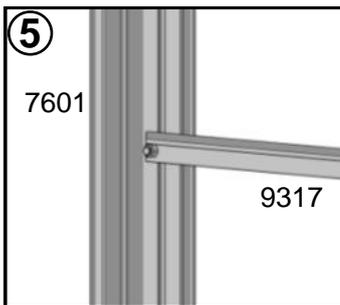
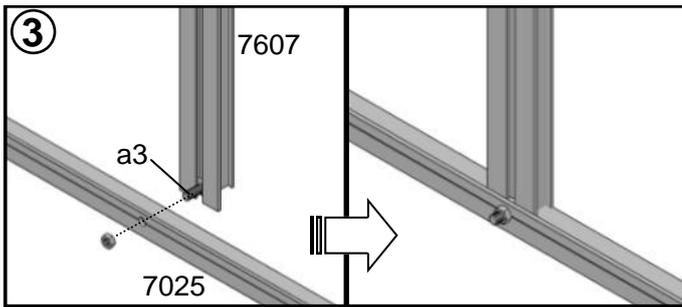
Now that the greenhouse is finished and the door is operating without interference you need to anchor the building down using 2" rawl plugs and screws. Use a 8mm masonry bit in a hammer drill to create the holes through the M5 base brackets.

Side wall

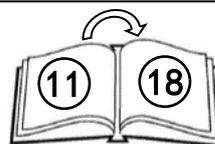
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| # | 7601 | 7025 | 9307 | 7607 | 9317 | 7910 | 7037 | a1 | a2 | a3 | a20 |
| Size | 1922 | 3613 | 3707 | 1922 | 3601 | 2033 | 464 | M6x10 | M6 | M6x15 | - |
| QTY | 2 | 1 | 1 | 4 | 1 | 2 | 4 | 20 | 26 | 6 | 26 |



Side wall



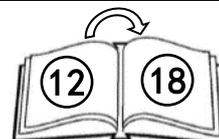
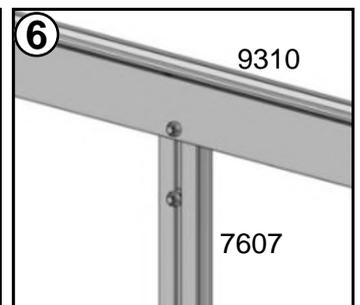
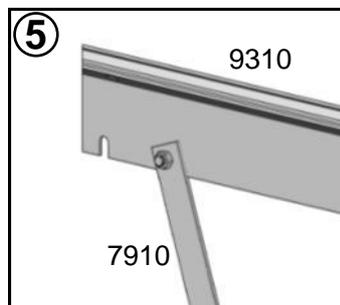
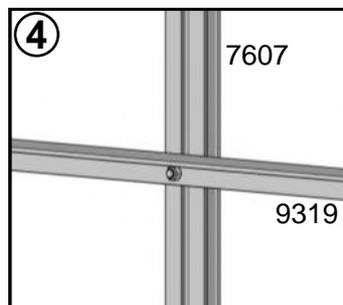
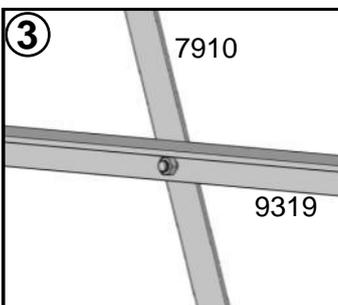
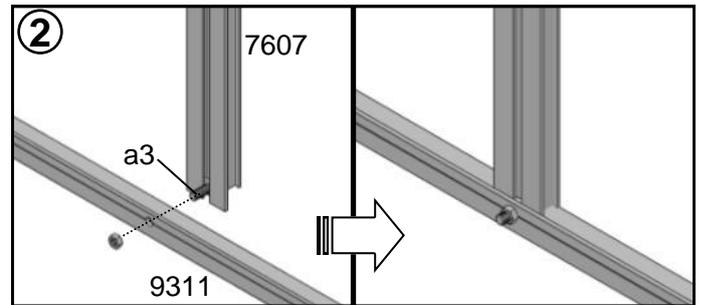
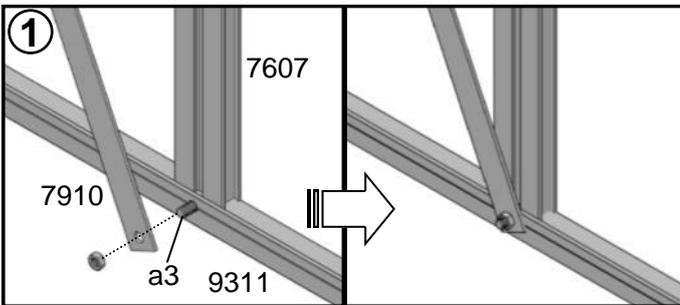
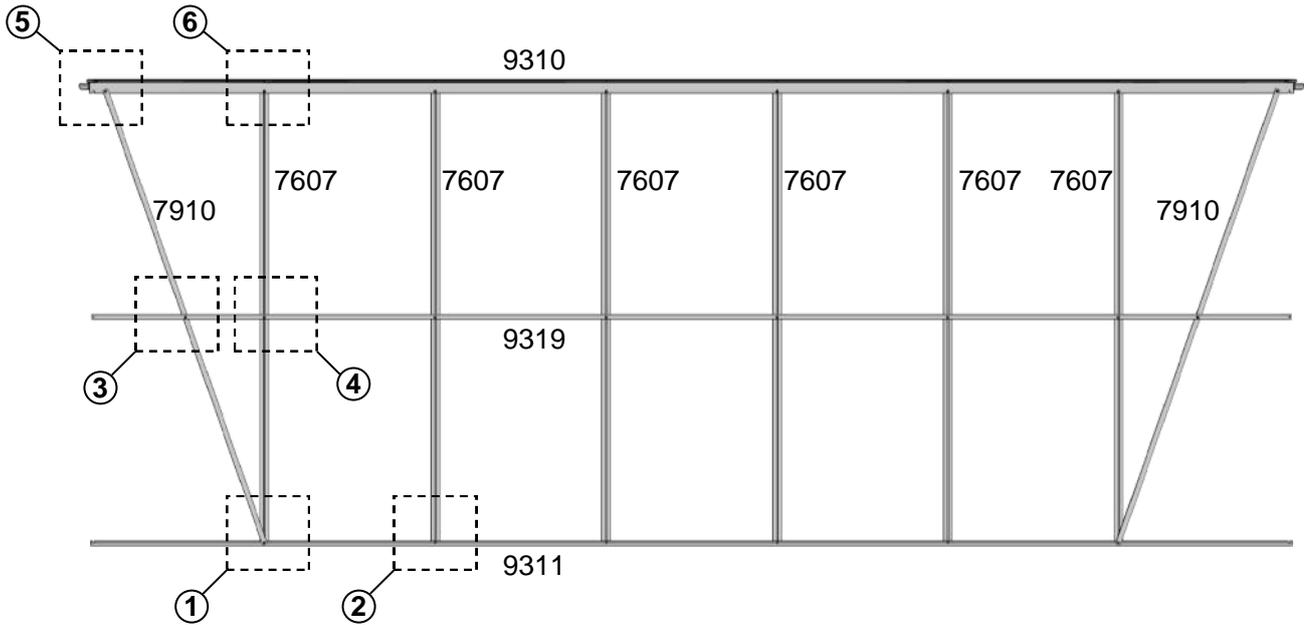
Note: Please add extra bolt into channel for cantilever use in advance.



Note: At this stage, if you already decide where your side vent are positioned, please insert two extra bolts into each side bar (#7607) either side of a vent opening.

Rear wall

| | | | | | | | | | | |
|------|------|------|------|------|------|------|-------|----|-------|-----|
| | | | | | | | | | | |
| # | 9311 | 9310 | 7607 | 9319 | 7910 | 7037 | a1 | a2 | a3 | a20 |
| Size | 5047 | 5141 | 1922 | 5035 | 2033 | 464 | M6x10 | M6 | M6x15 | - |
| QTY | 1 | 1 | 6 | 1 | 2 | 6 | 26 | 34 | 8 | 34 |

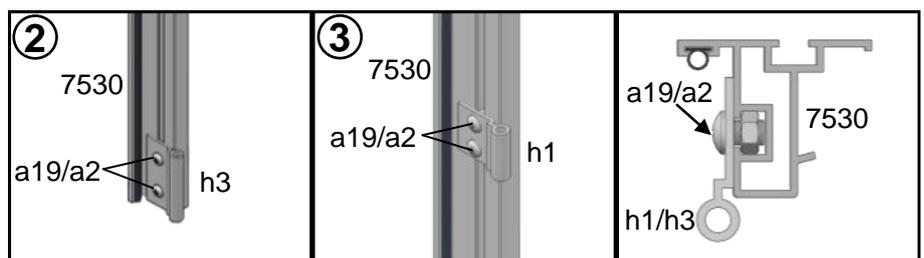
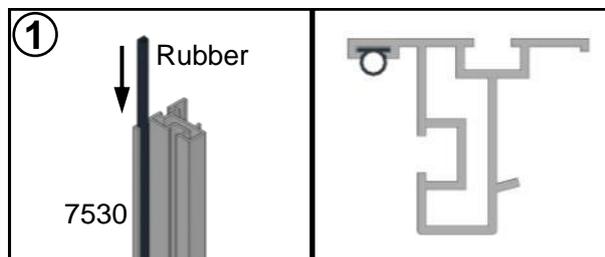
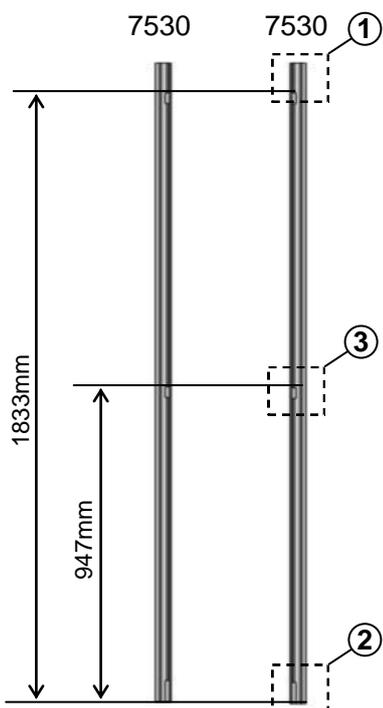
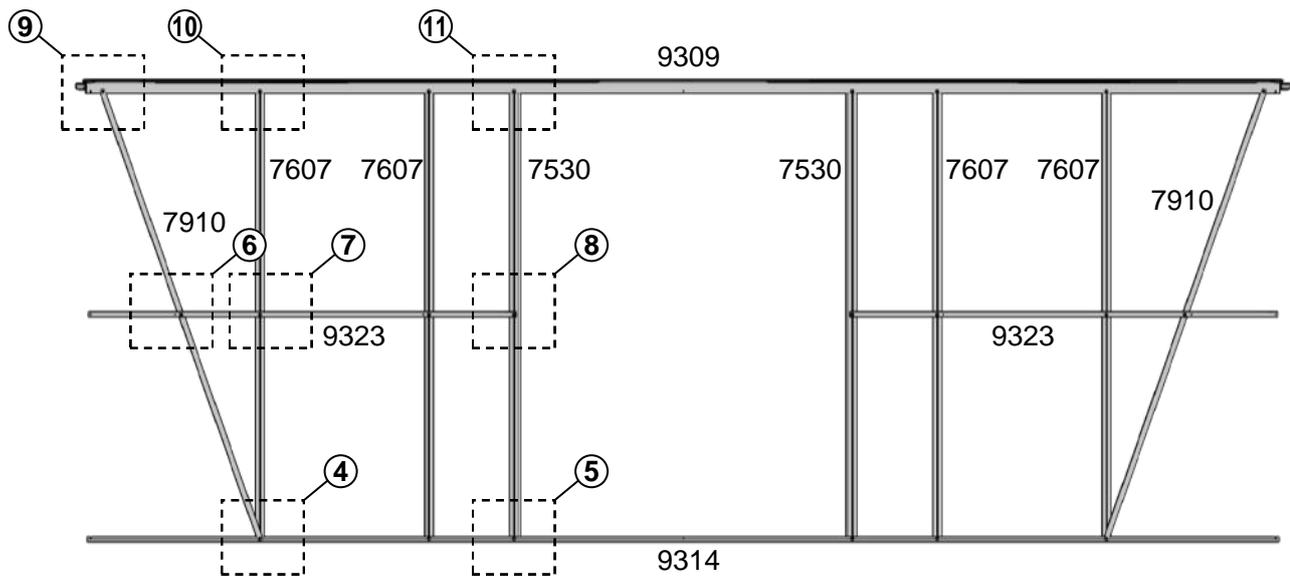


Note: Please add extra bolt into channel for cantilever use in advance.

Front wall

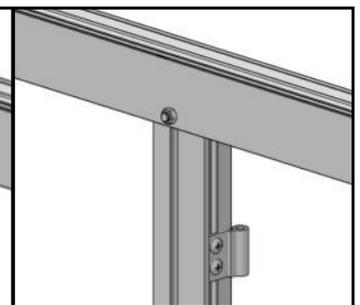
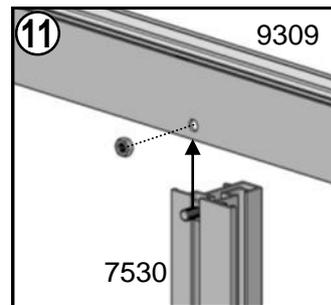
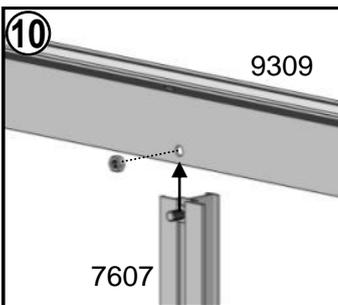
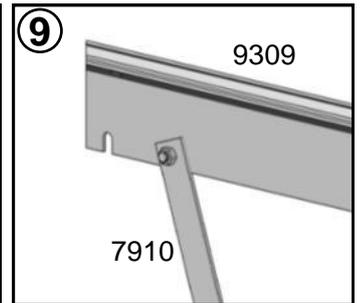
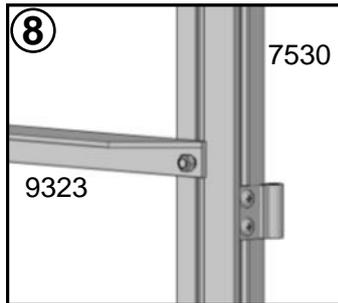
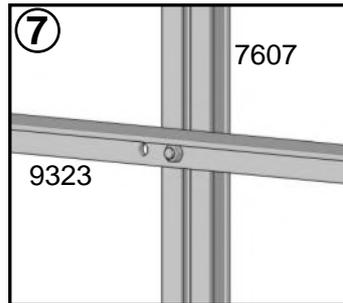
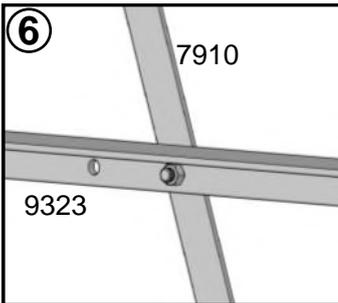
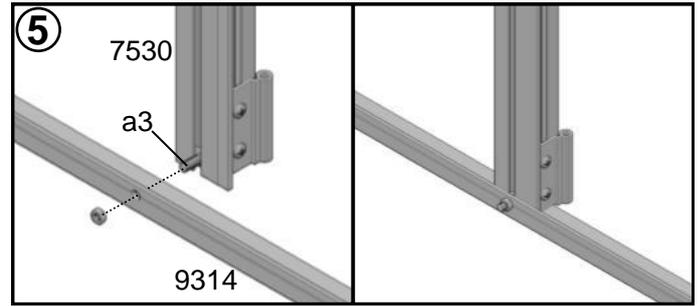
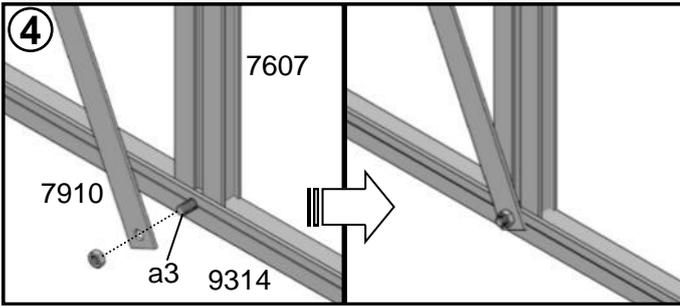
Package 3

| | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|-------|----|-------|------|-----|----|----|--------|
| | | | | | | | | | | | | | | | |
| # | 9314 | 9309 | 7607 | 7530 | 9323 | 7910 | 7037 | a1 | a2 | a3 | a19 | a20 | h1 | h3 | Rubber |
| Size | 5047 | 5141 | 1922 | 1922 | 1809 | 2033 | 464 | M6x10 | M6 | M6x15 | M6x8 | - | 30 | 62 | - |
| QTY | 1 | 1 | 4 | 2 | 2 | 2 | 4 | 24 | 44 | 8 | 12 | 32 | 4 | 2 | 4M |



13

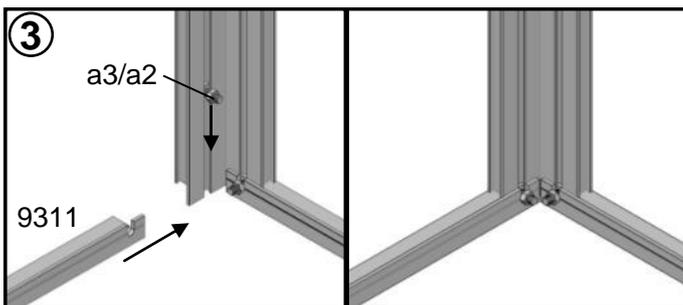
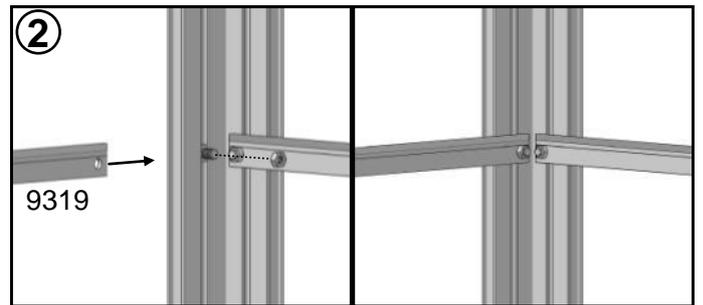
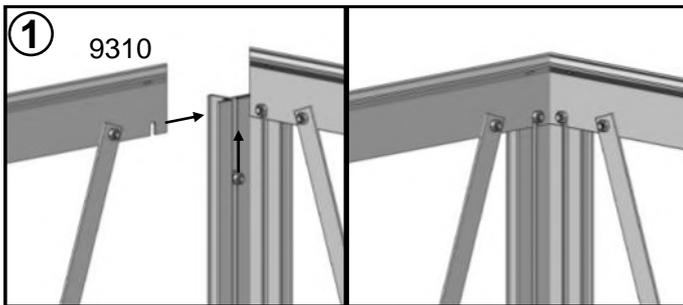
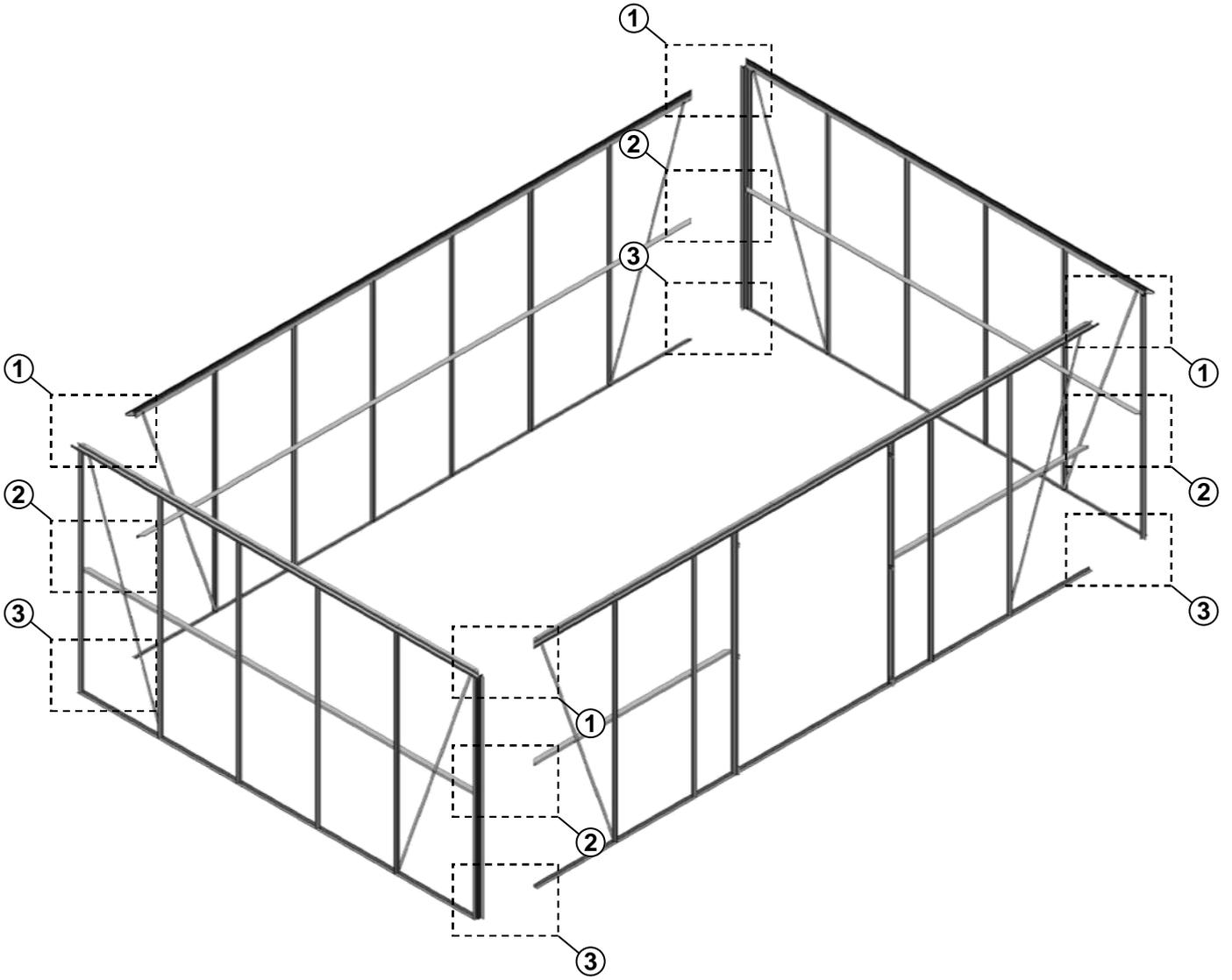
Front wall



Note: Please add extra bolt into channel for cantilever use in advance.



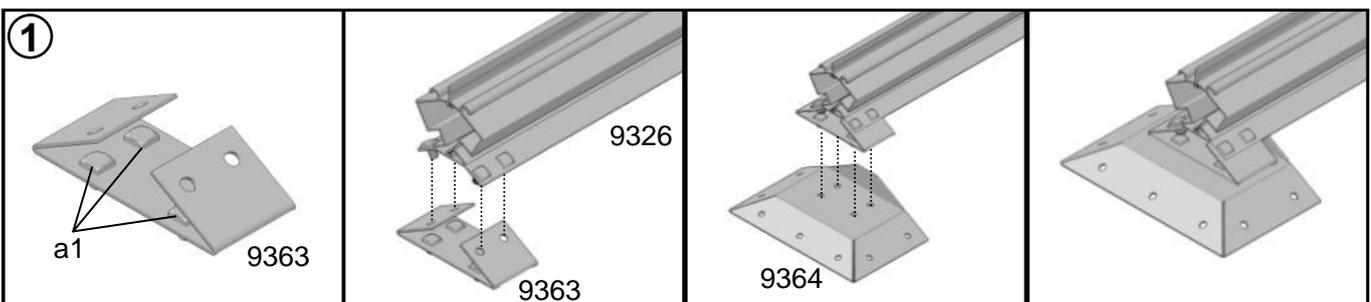
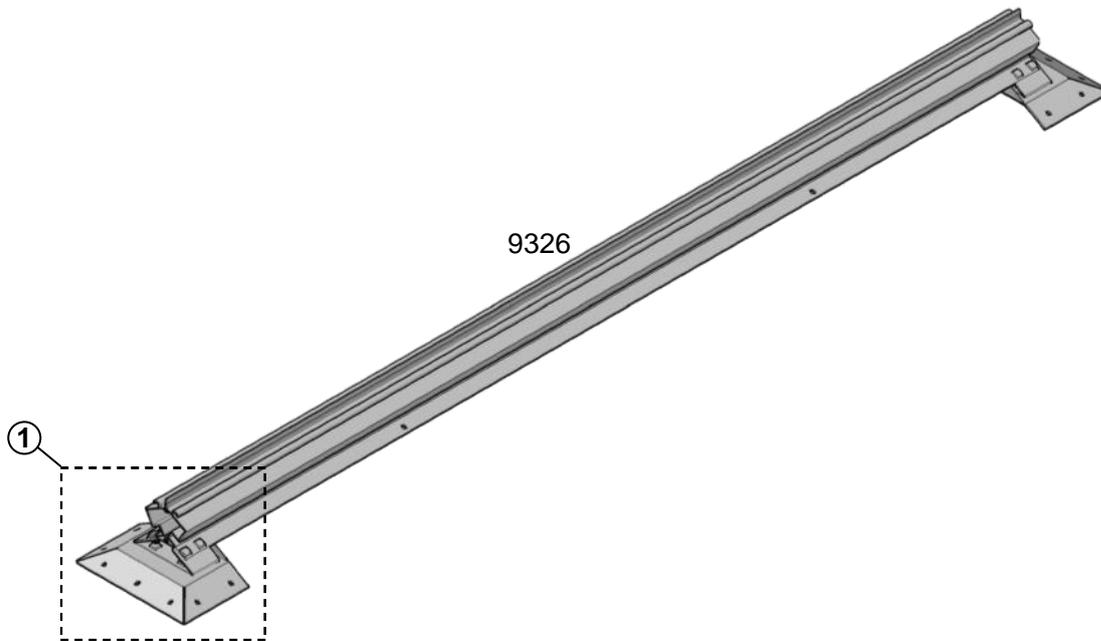
Connect side wall with front wall and rear wall



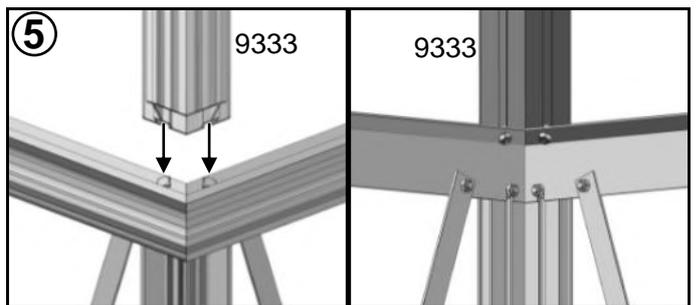
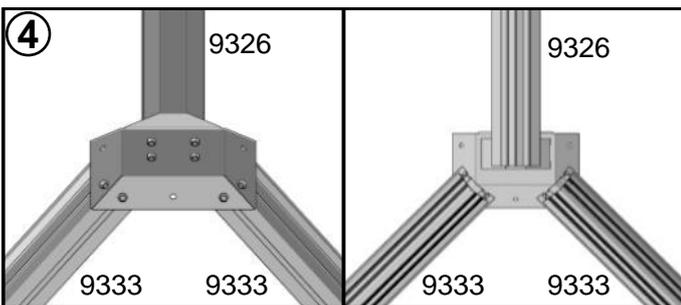
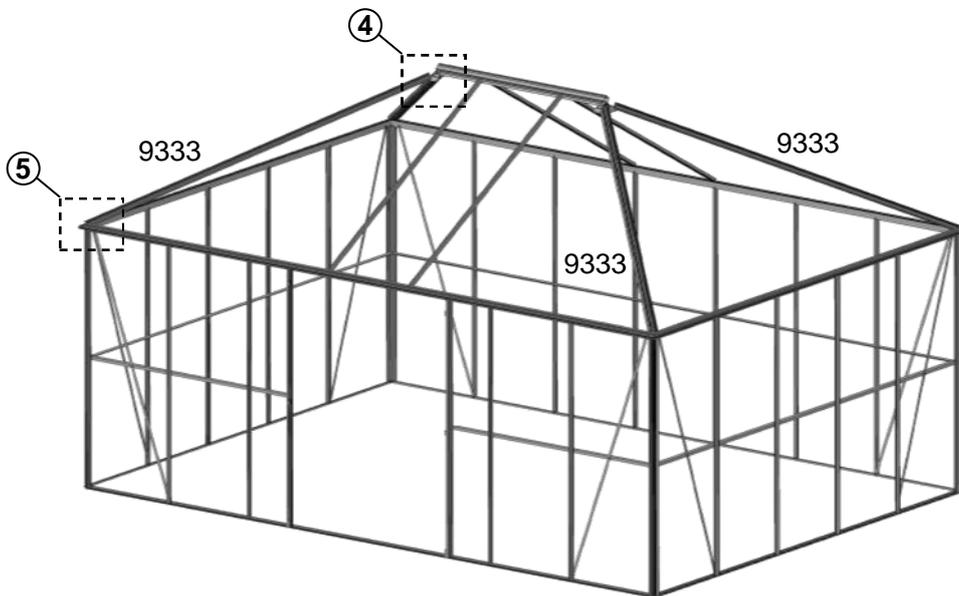
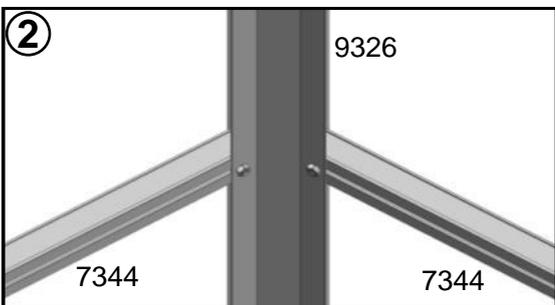
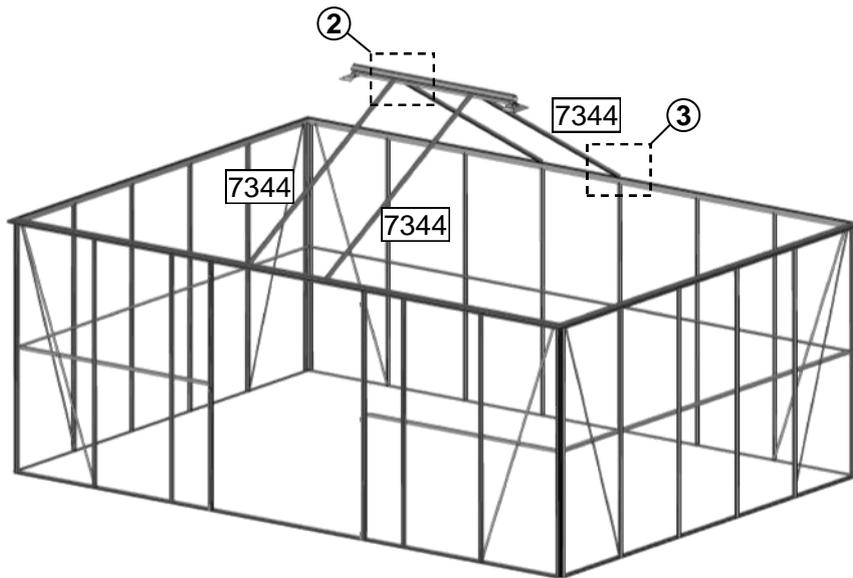
Roof

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | | | | |
| # | 9333 | 9334 | 9335 | 9338 | 9339 | 7344 | 9342 | 9347 | 9326 | 7351 | 9363 | 9364 |
| Size | 2684 | 813 | 813 | 1642 | 1642 | 2070 | 1890 | 3324 | 1496 | 920 | - | - |
| QTY | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 2 | 1 | 2 | 2 | 2 |

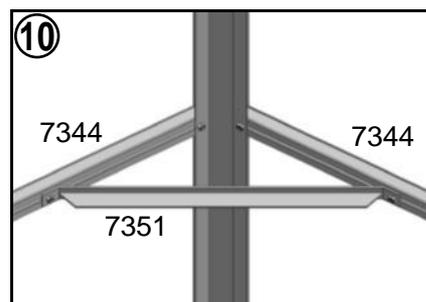
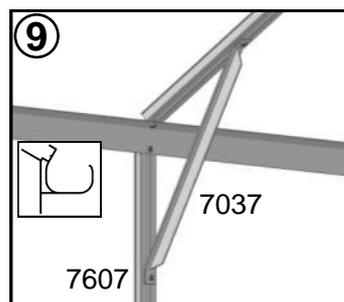
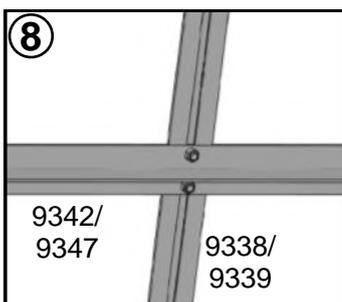
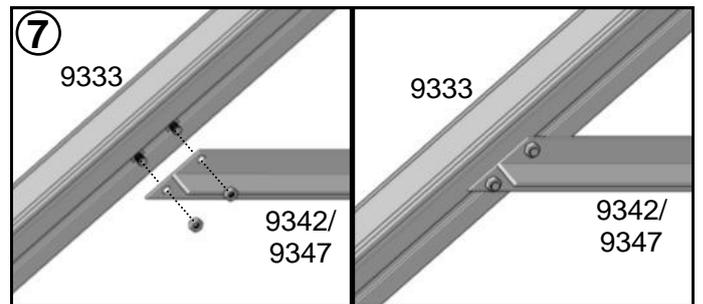
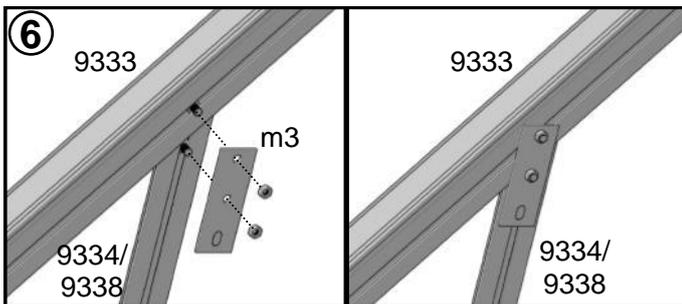
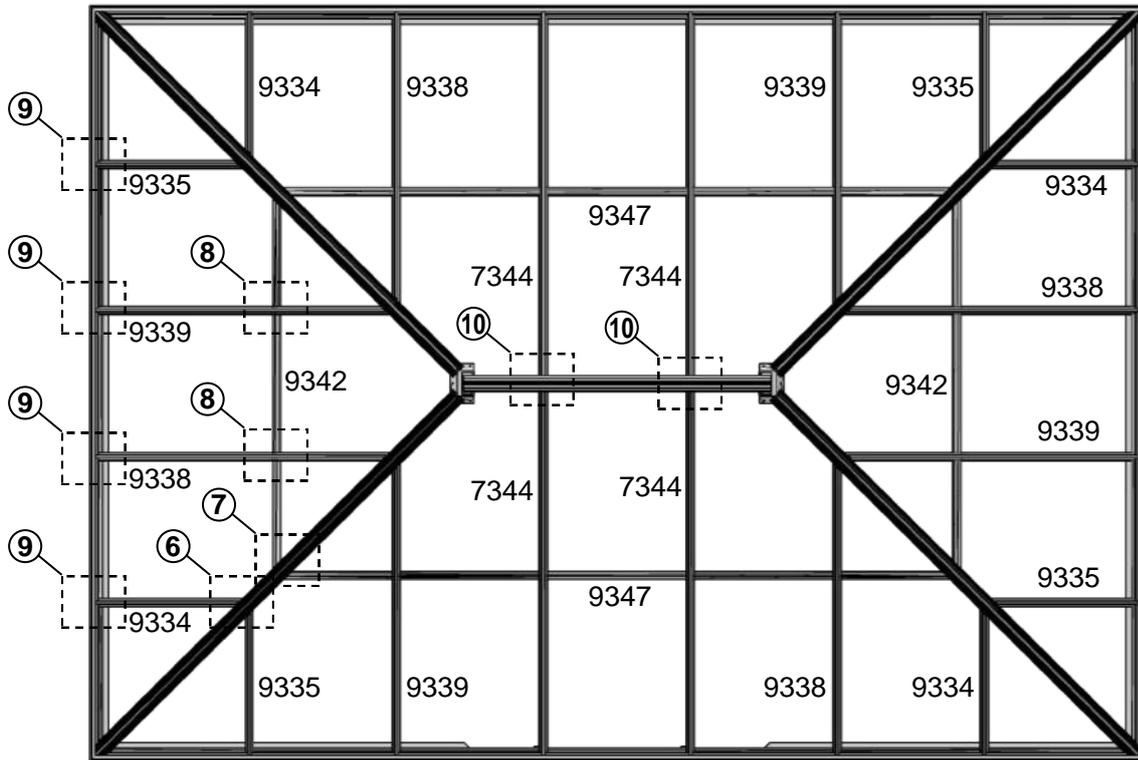
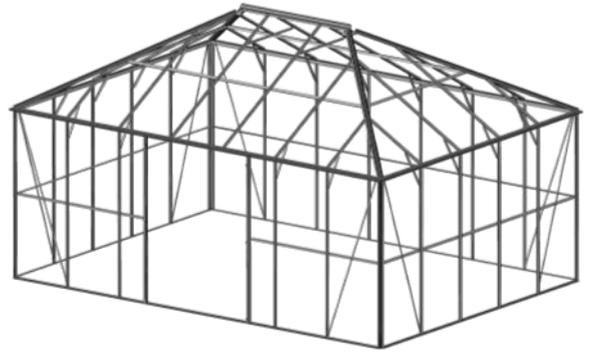
| | | | | | | | | | |
|------|------|------|----|-------|-----|-----|---------|---------|-----|
| | | | | | | | | | |
| # | 9365 | 9366 | m3 | a1 | a2 | a20 | a5 | a18 | p14 |
| Size | - | - | - | M6x10 | M6 | - | Φ3.5x19 | Φ3.5x13 | - |
| QTY | 2 | 2 | 16 | 150 | 150 | 150 | 2 | 4 | 4 |



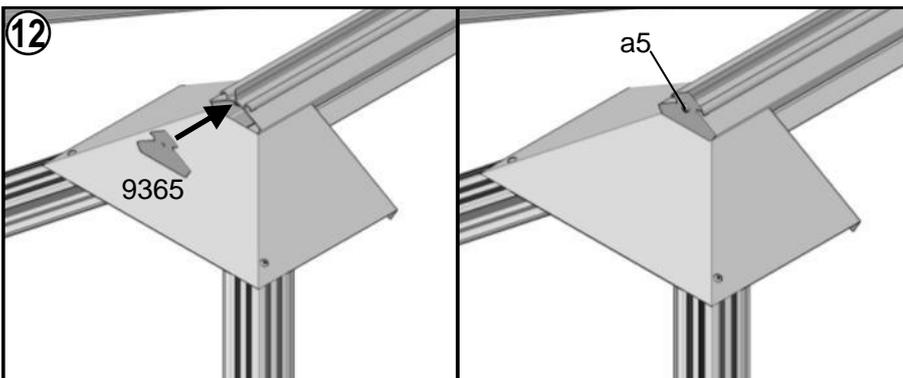
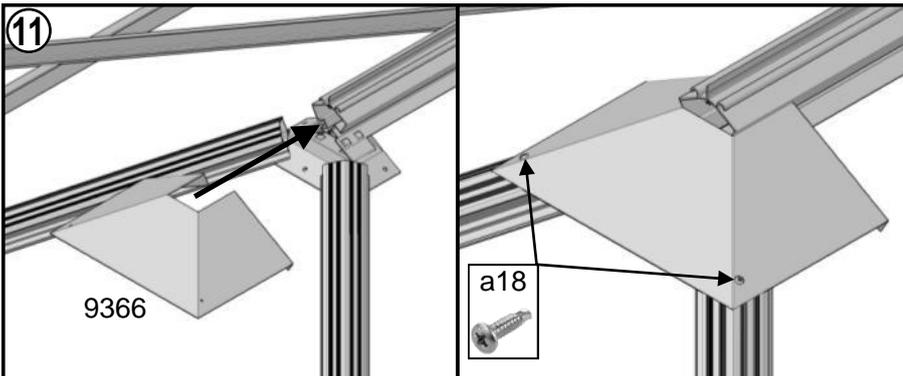
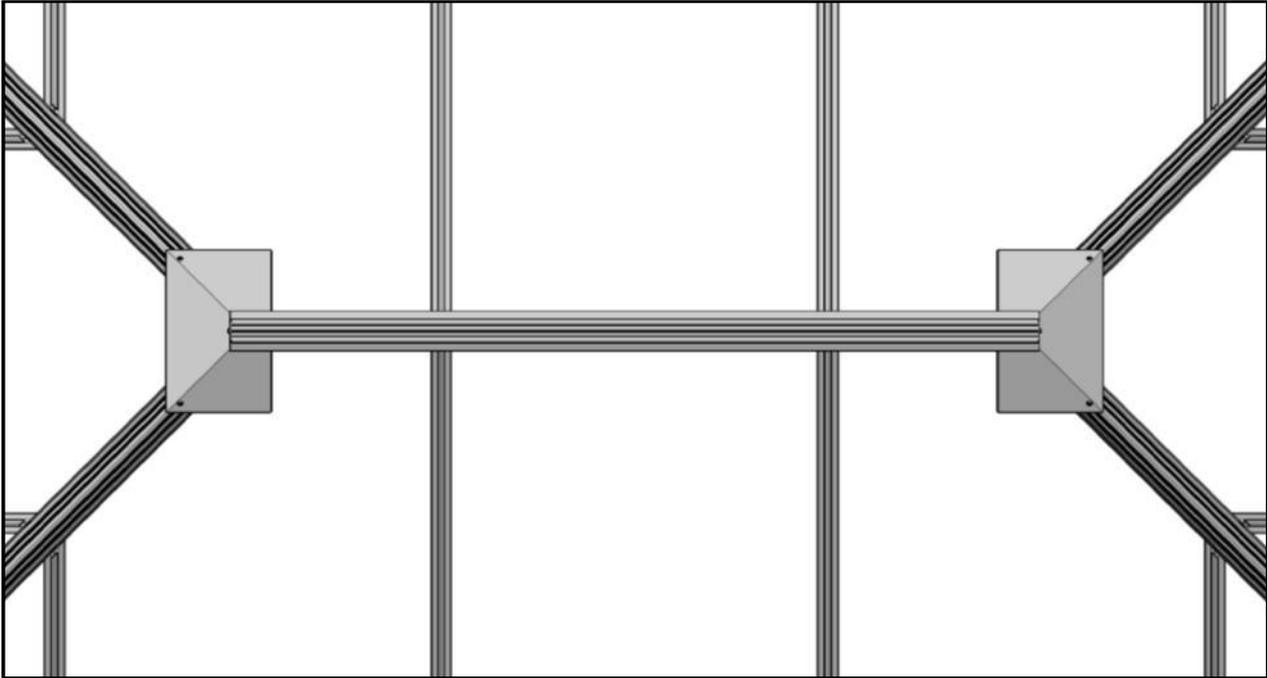
Roof



Roof

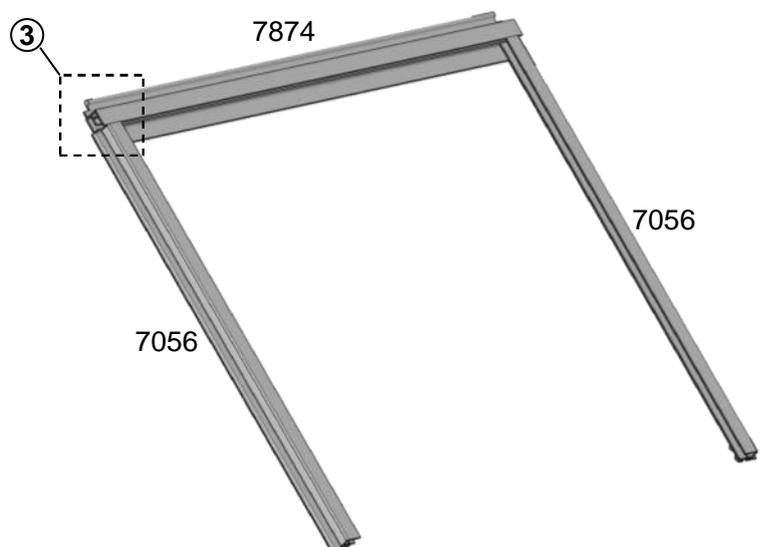
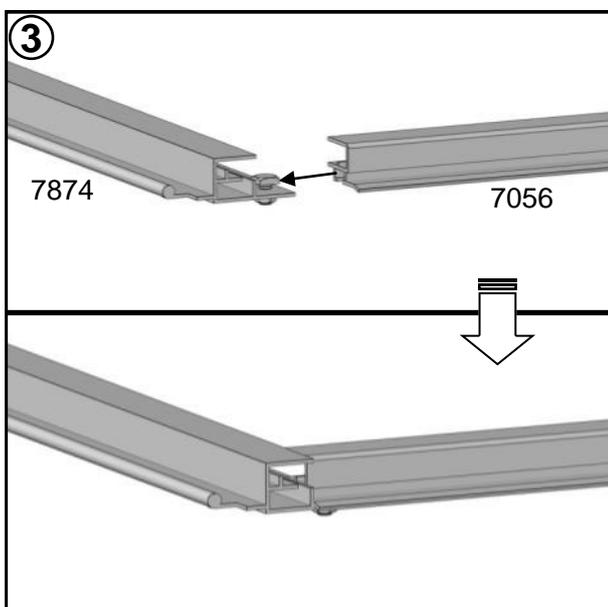
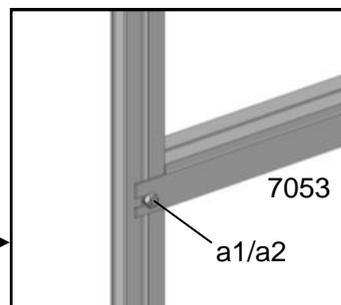
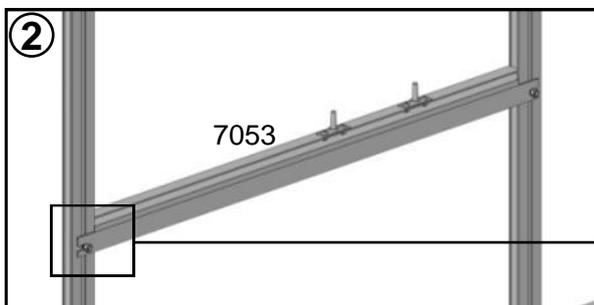
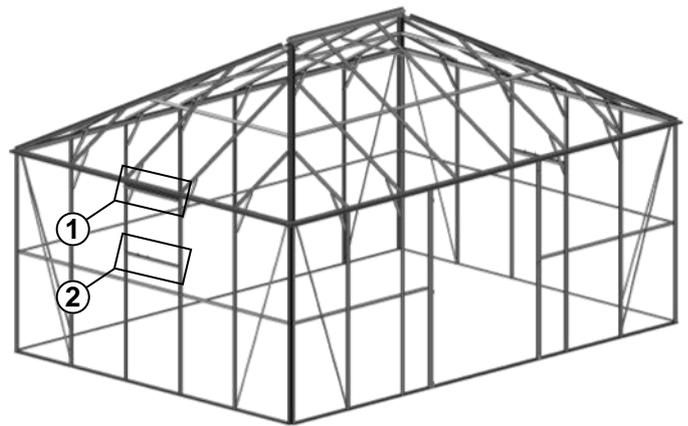
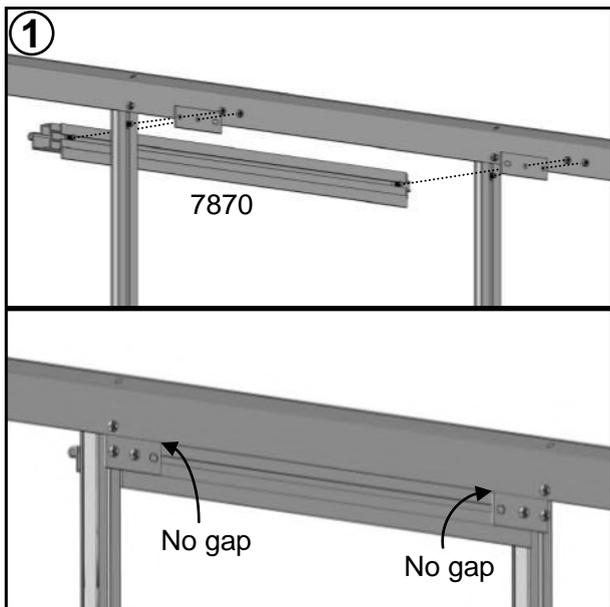


Roof

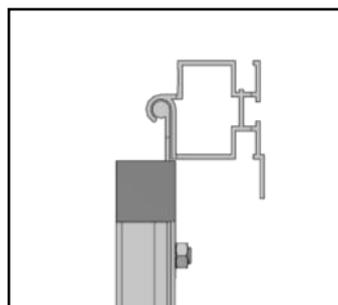
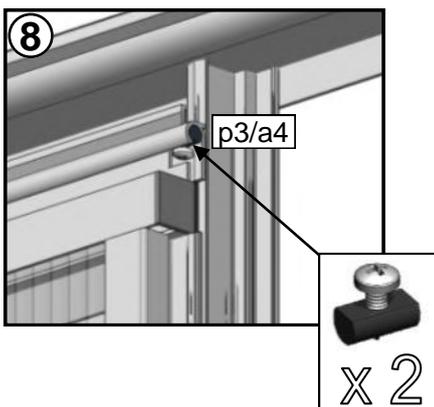
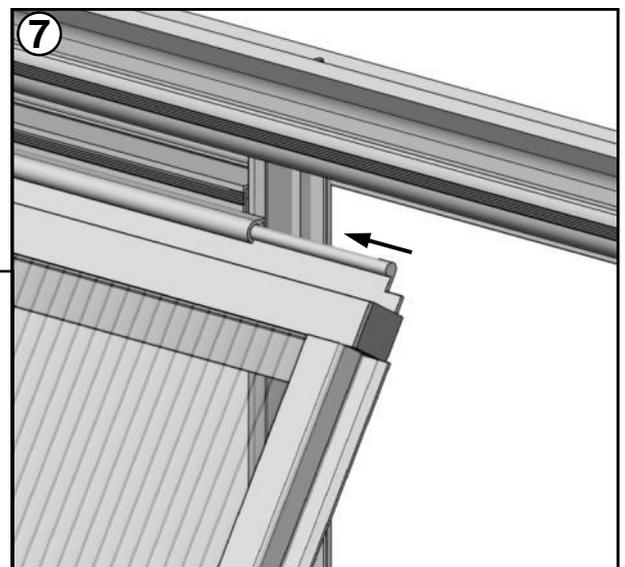
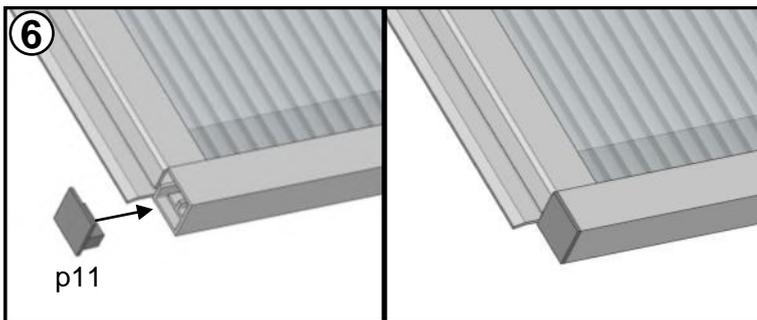
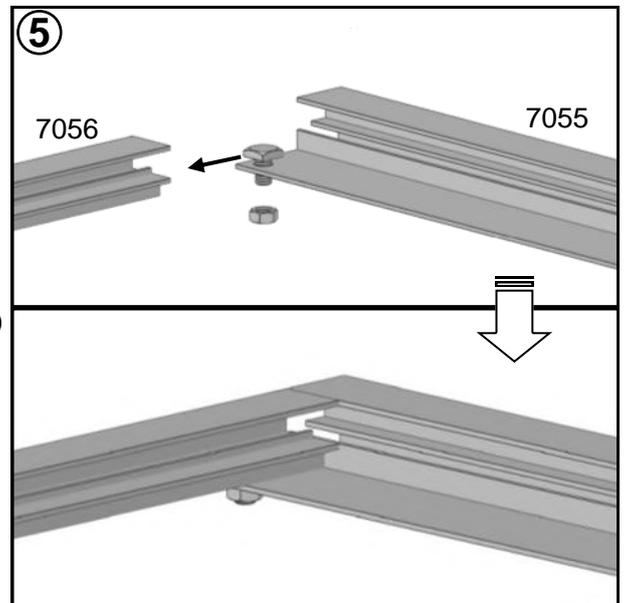
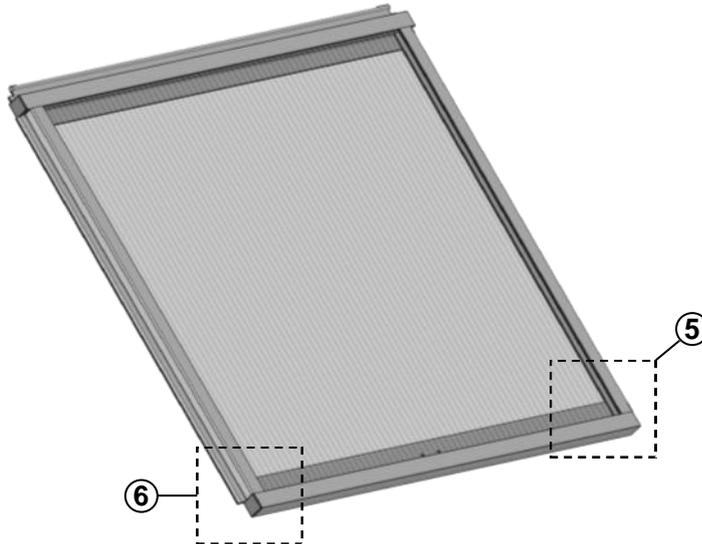
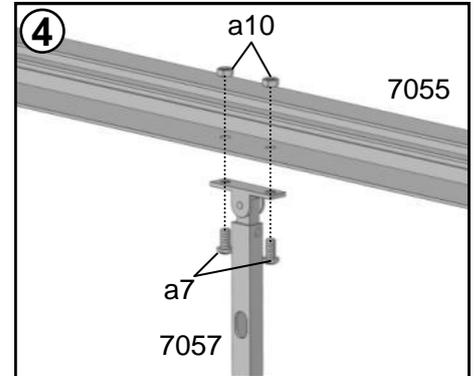
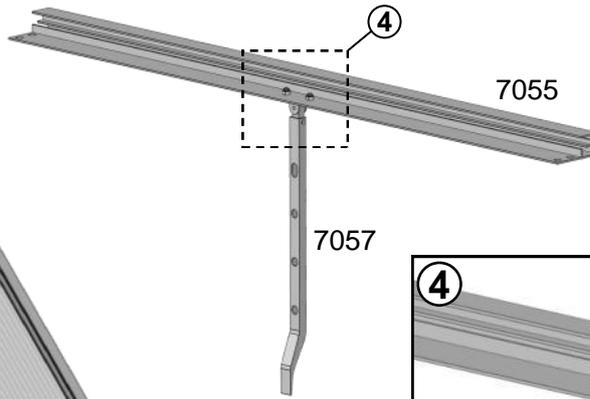
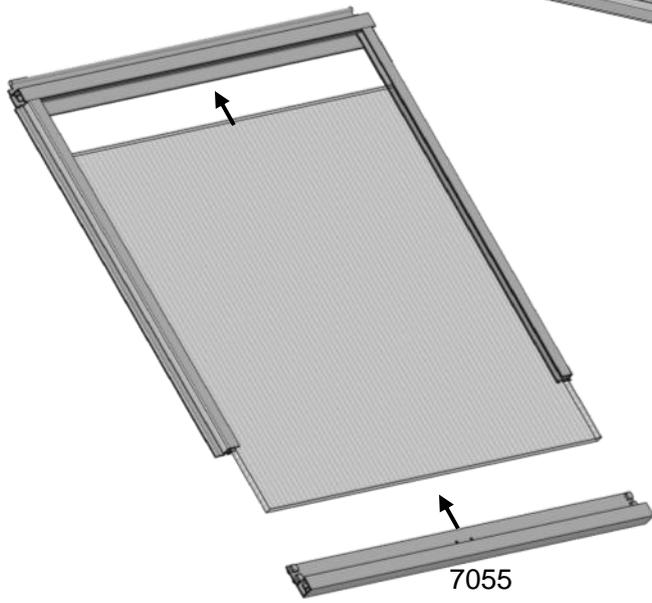


Side Vent

| | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|----|-------|----|--------|------|-----|----|-----|-----|
| | | | | | | | | | | | | | | | |
| # | 7870 | 7053 | 7874 | 7055 | 7056 | 7057 | m3 | a1 | a2 | a4 | a7 | a10 | p3 | a20 | p11 |
| Size | 730 | 739 | 718 | 701 | 592 | 300 | - | M6x10 | M6 | Φ3.9x8 | M4x8 | M4 | - | - | - |
| QTY | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 10 | 10 | 2 | 2 | 2 | 2 | 10 | 4 |

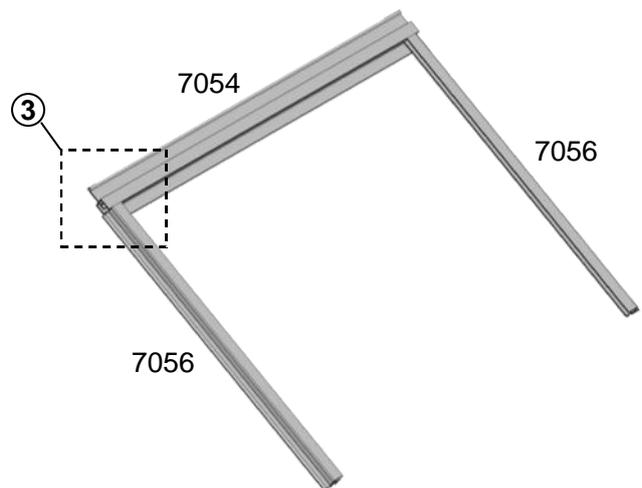
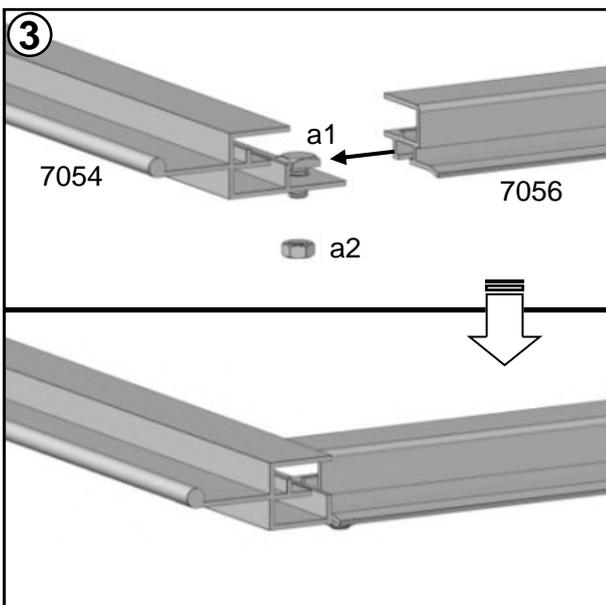
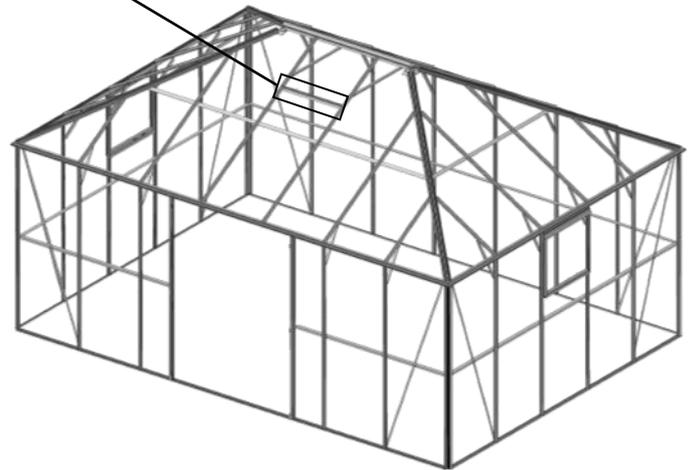
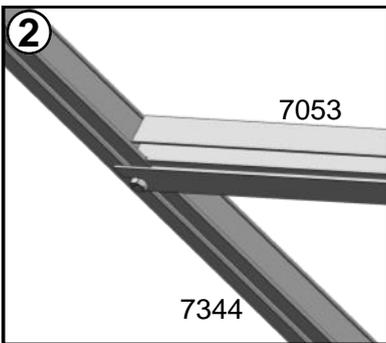
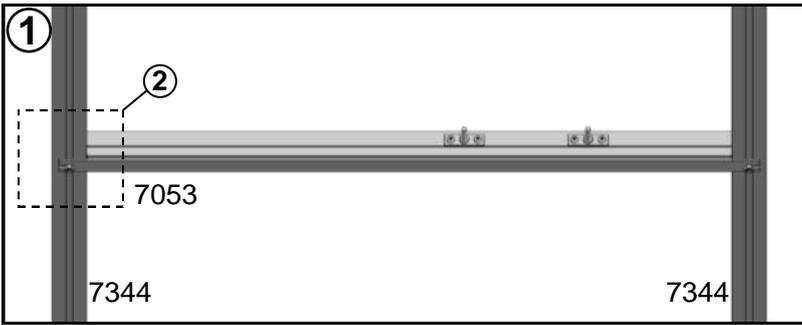


Side Vent

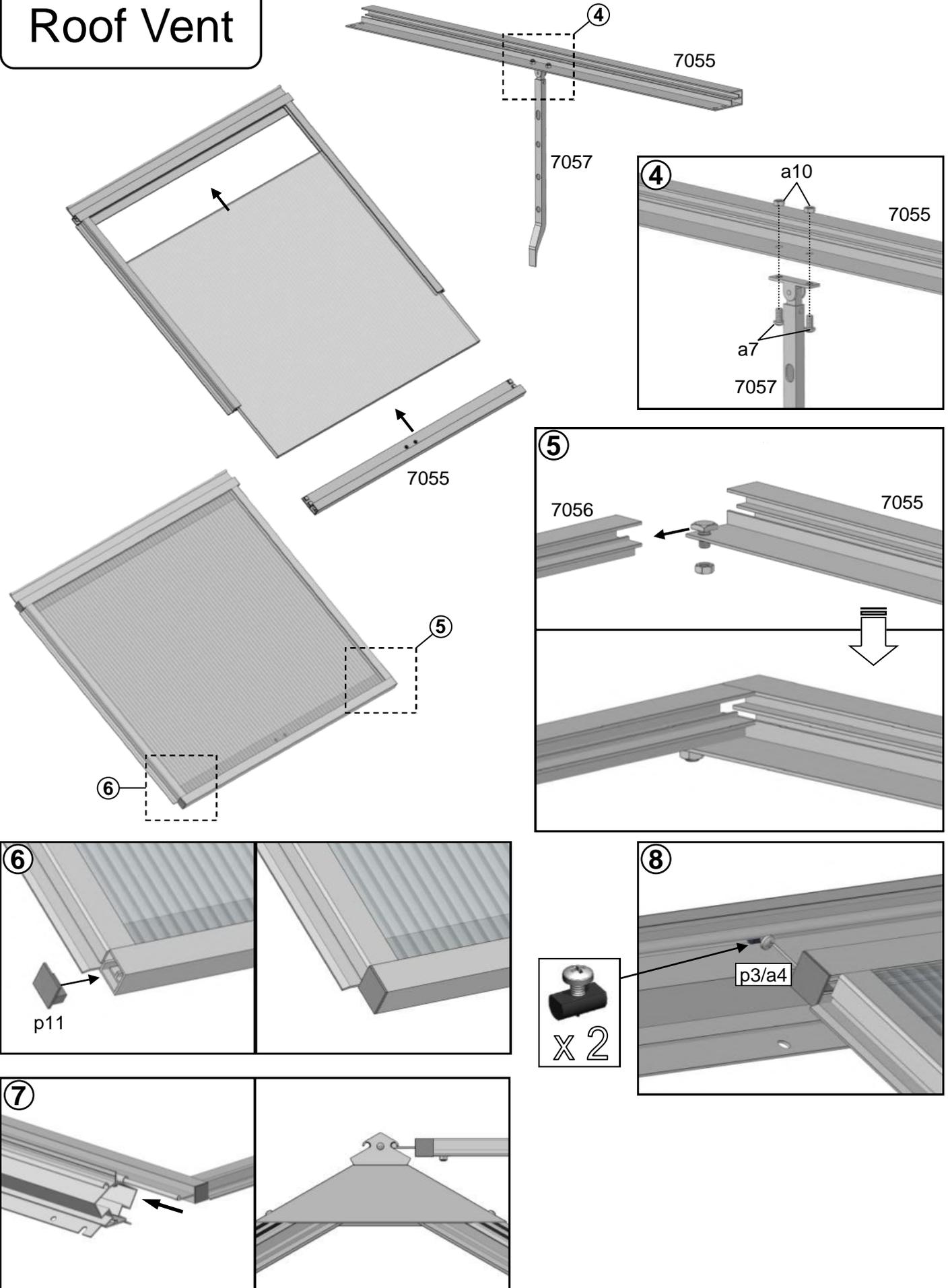


Roof Vent

| | | | | | | | | | | | | | |
|------|------|------|------|------|------|-------|----|--------|------|-----|----|-----|-----|
| | | | | | | | | | | | | | |
| # | 7053 | 7054 | 7055 | 7056 | 7057 | a1 | a2 | a4 | a7 | a10 | p3 | a20 | p11 |
| Size | 739 | 718 | 701 | 592 | 300 | M6x10 | M6 | Φ3.9x8 | M4x8 | M4 | - | - | - |
| QTY | 1 | 1 | 1 | 2 | 1 | 6 | 6 | 2 | 2 | 2 | 2 | 6 | 4 |



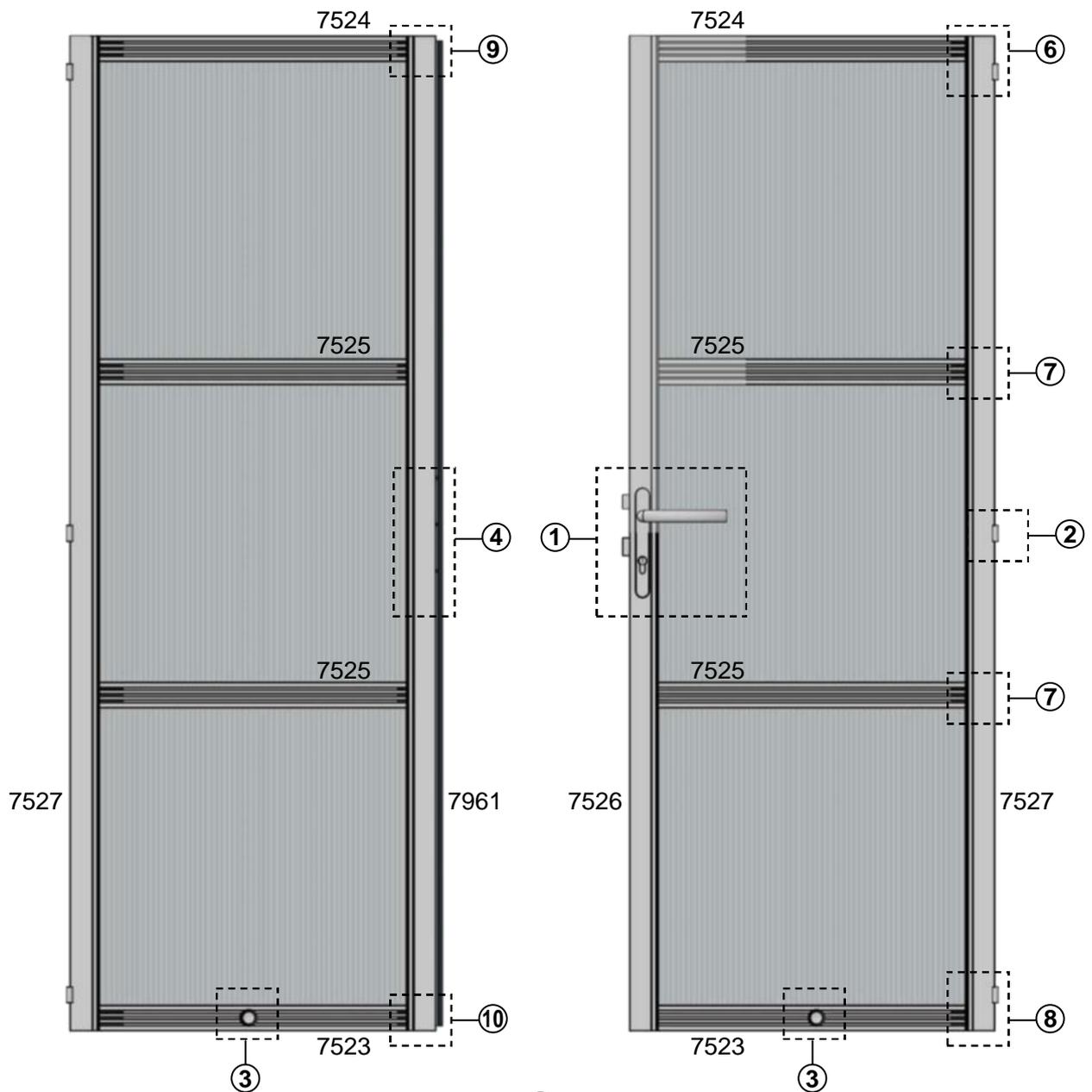
Roof Vent



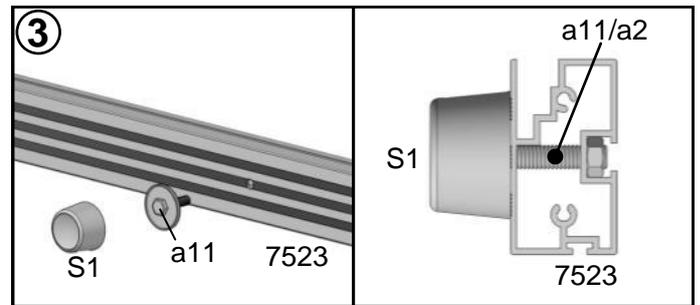
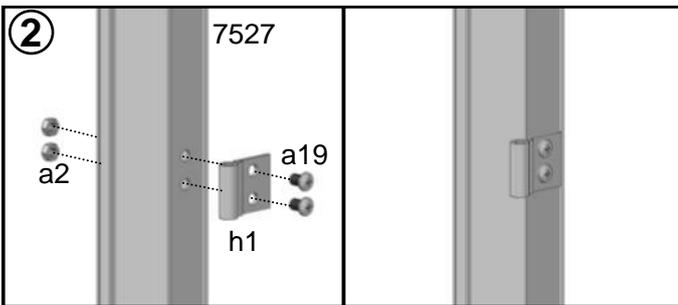
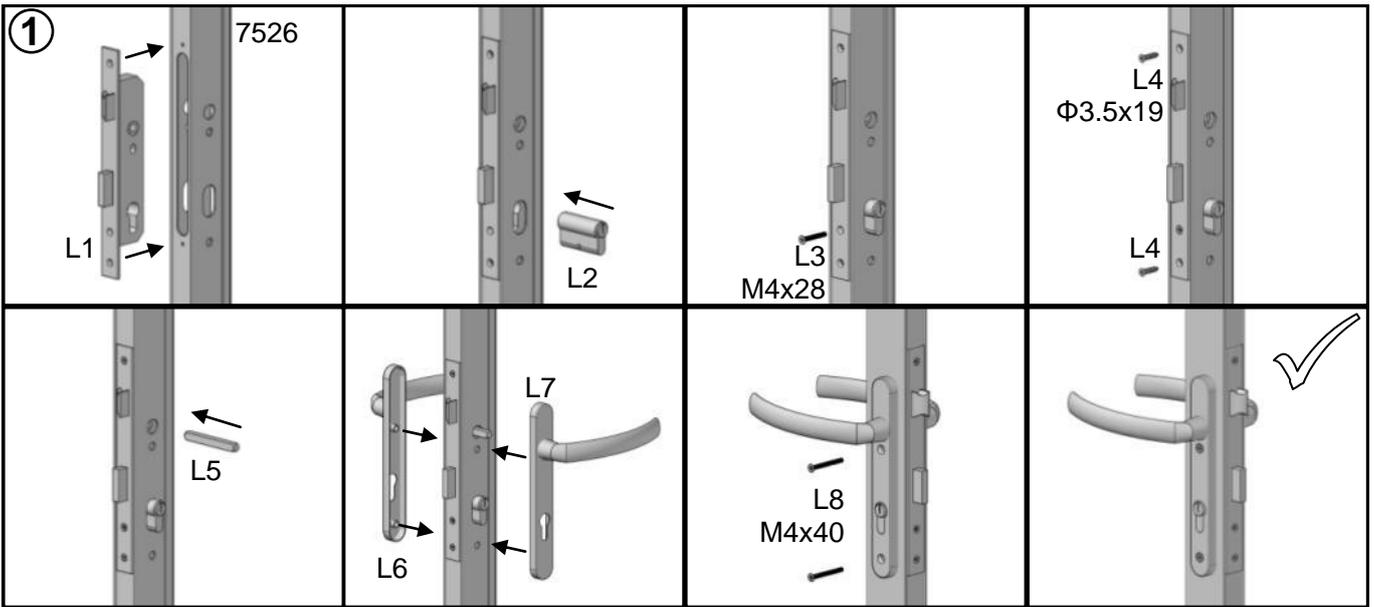
Door

| | | | | | | | | | | | |
|------|---|---|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |  |  |  |
| # | 7523 | 7524 | 7525 | 7526 | 7527 | 7961 | 7529 | a9 | a2 | a5 | a11 |
| Size | 687 | 687 | 687 | 1909 | 1909 | 1909 | 569 | M6x10 | M6 | Φ3.5x19 | M6x25 |
| QTY | 2 | 2 | 4 | 1 | 2 | 1 | 12 | 4 | 39 | 32 | 4 |

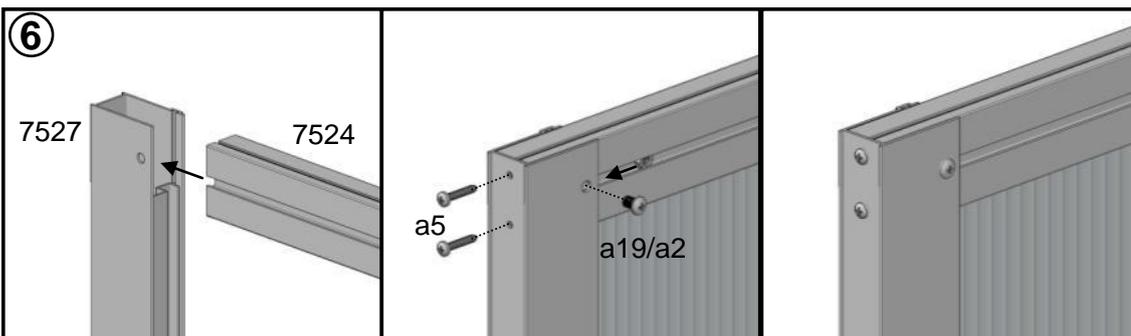
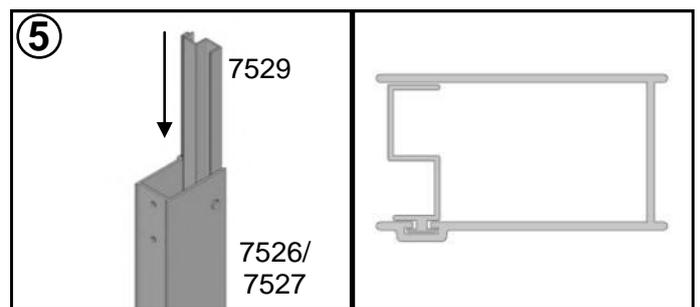
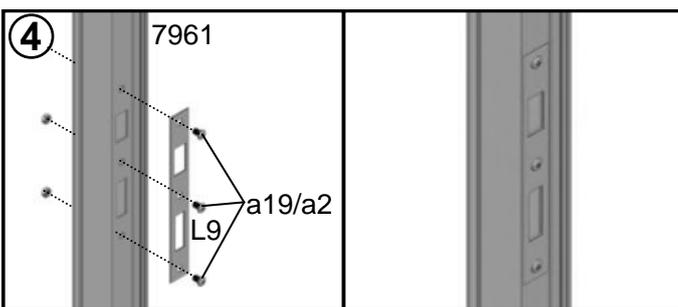
| | | | | | | | | | | | |
|------|---|---|---|---|---|---|---|-------|---|---|---|
| |  |  |  |  |  |  |  | |  |  |  |
| # | a17 | a19 | h1 | h7 | m12 | S1/S2 | S3 | LOCK | Rubber | Fluff | |
| Size | Φ3.5x13 | M6x8 | 30 | - | - | - | - | - | - | - | |
| QTY | 4 | 33 | 6 | 6 | 2 | 2 SETS | 2 | 1 SET | 2M | 1.4M | |



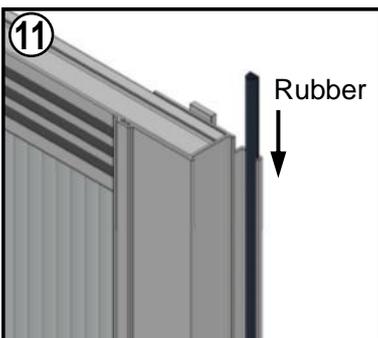
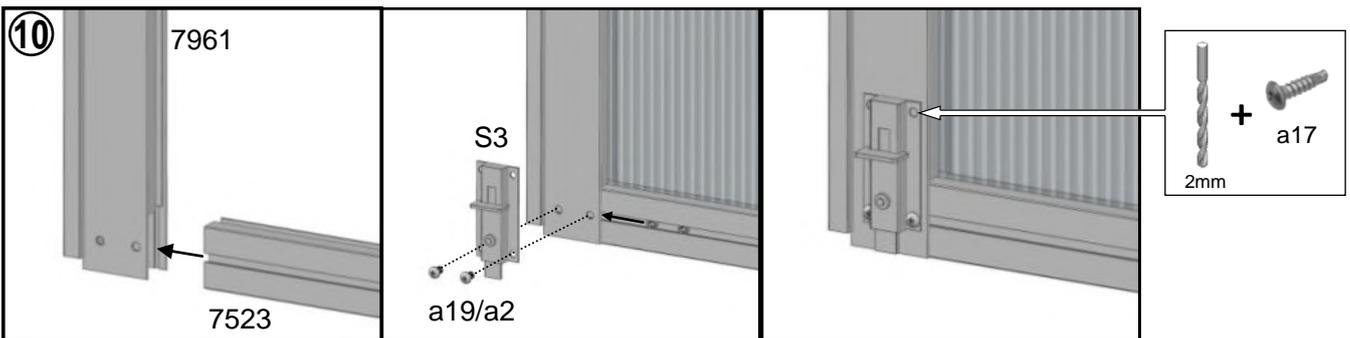
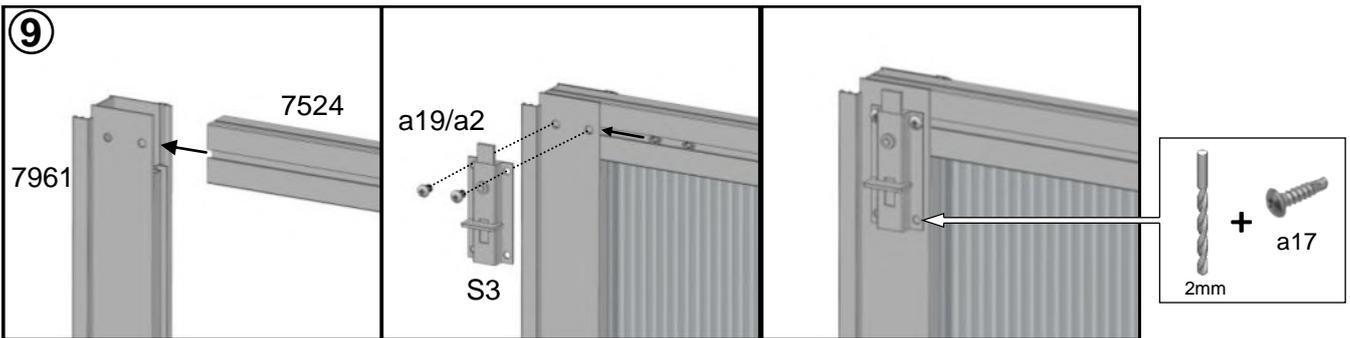
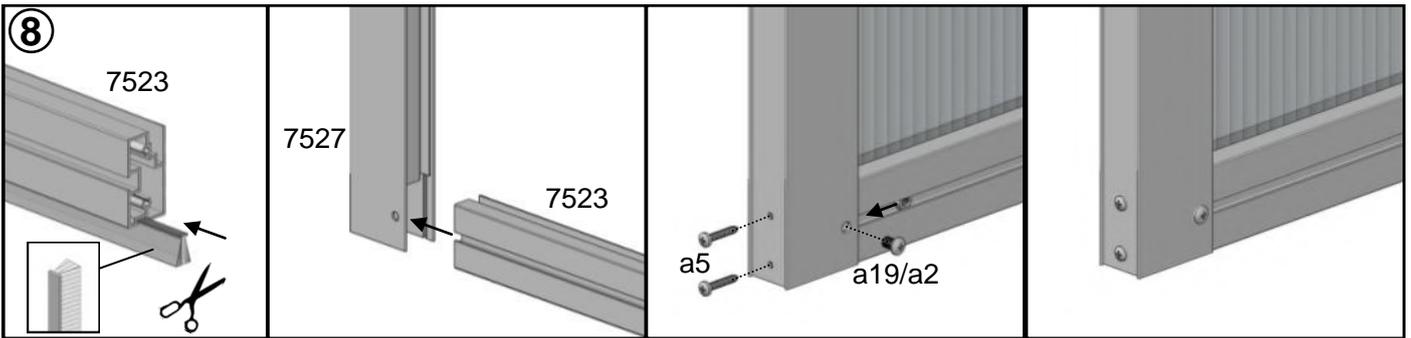
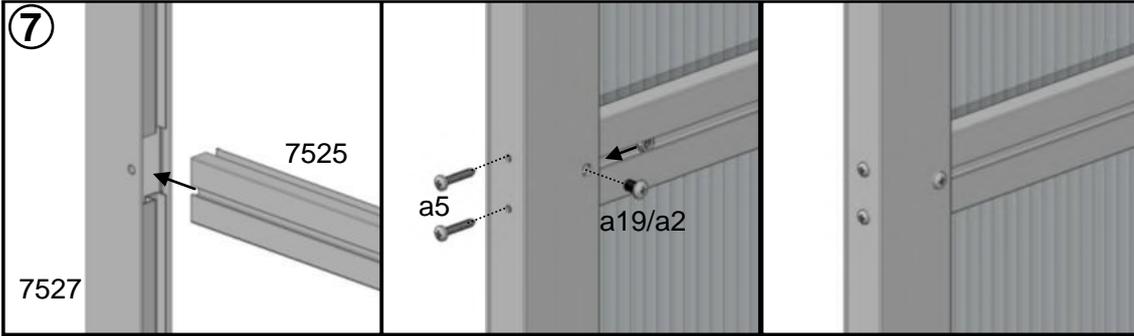
Door



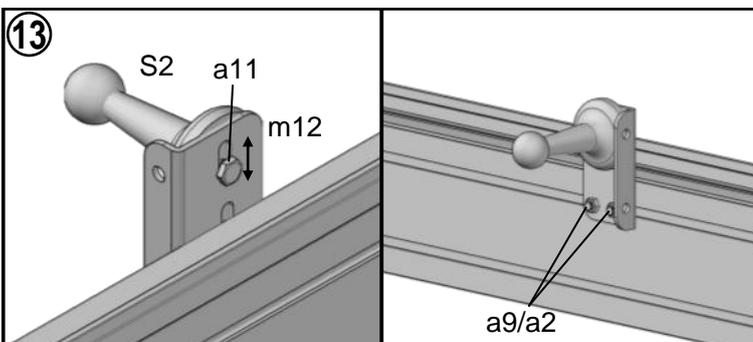
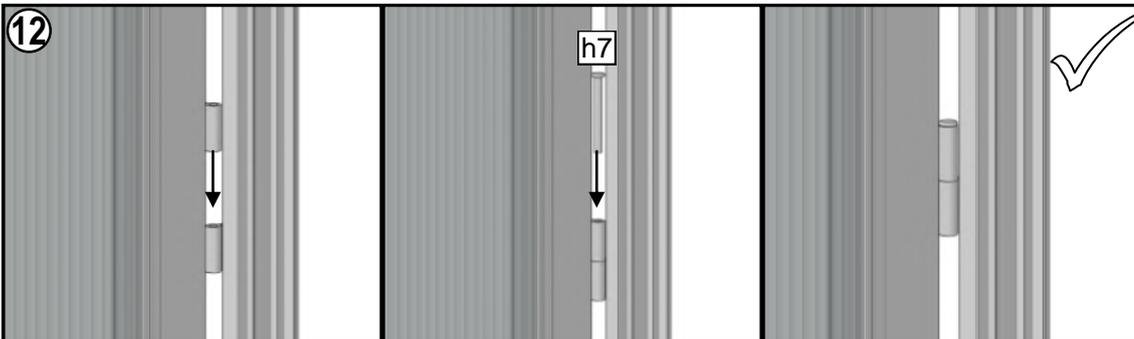
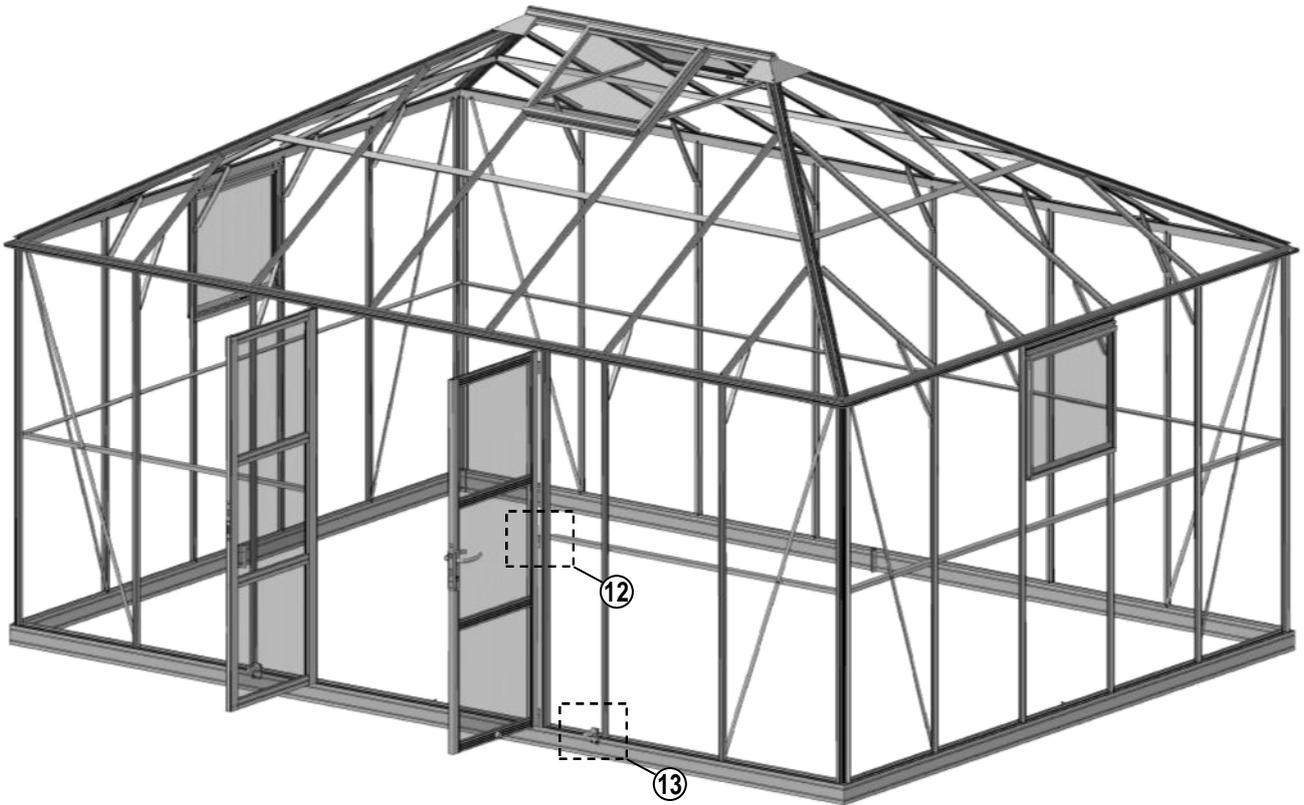
First take off the cap of S1 by rotating the cap anticlockwise, then fix the cap with a11 to #7520, finally rotate S1 back to the cap.



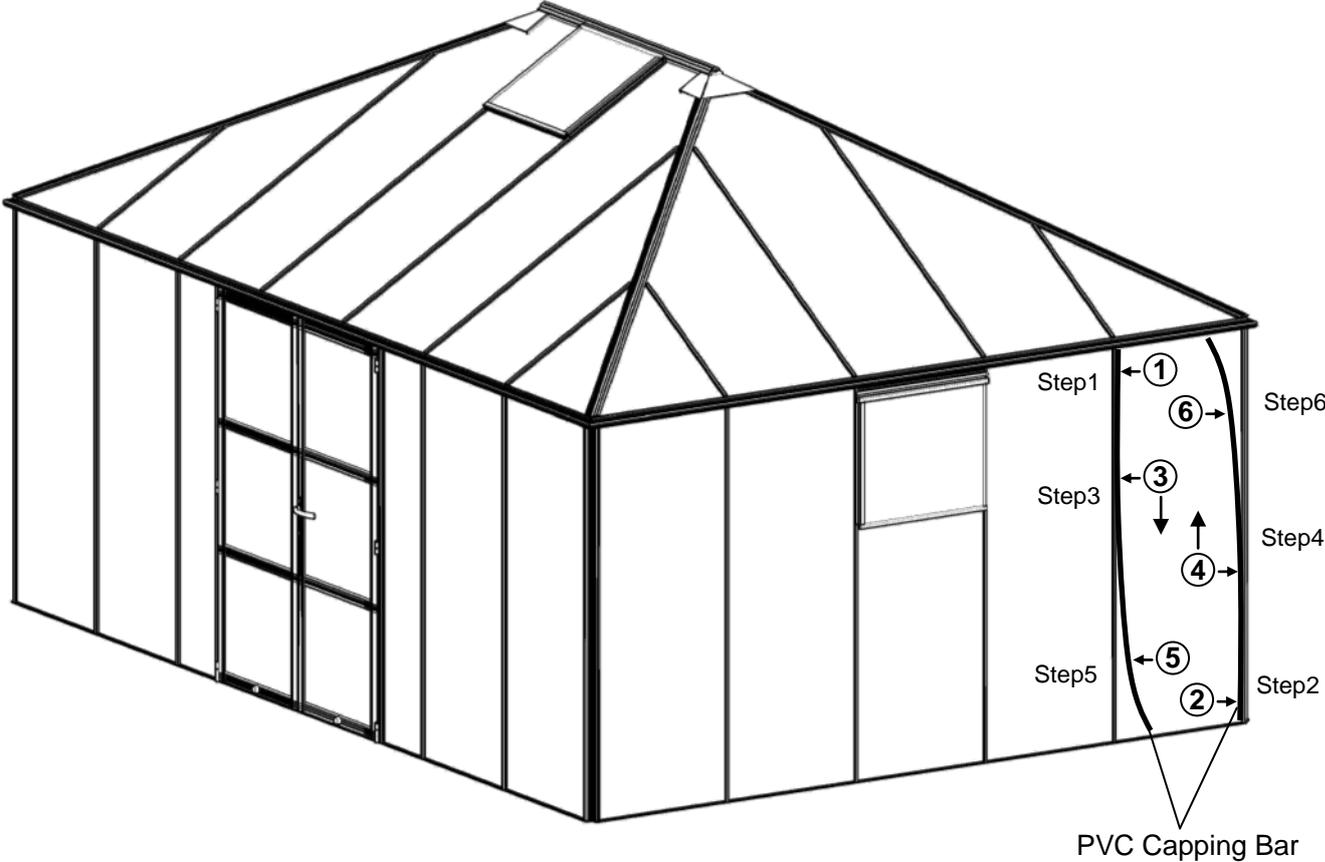
Door



Door

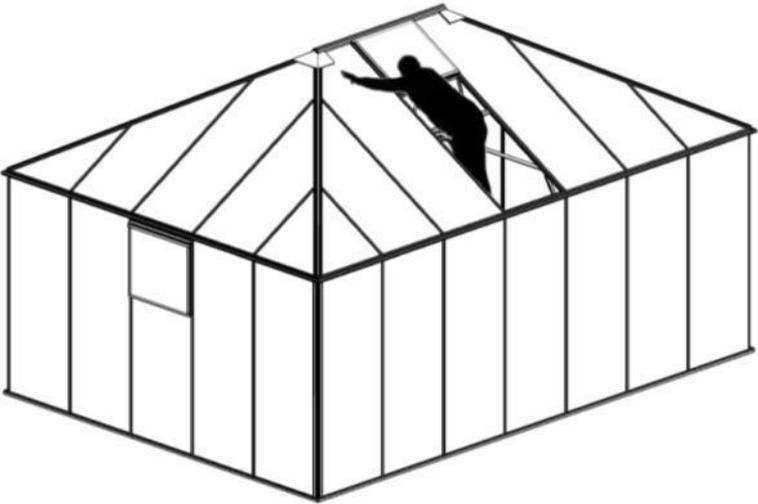


PVC Capping Bar



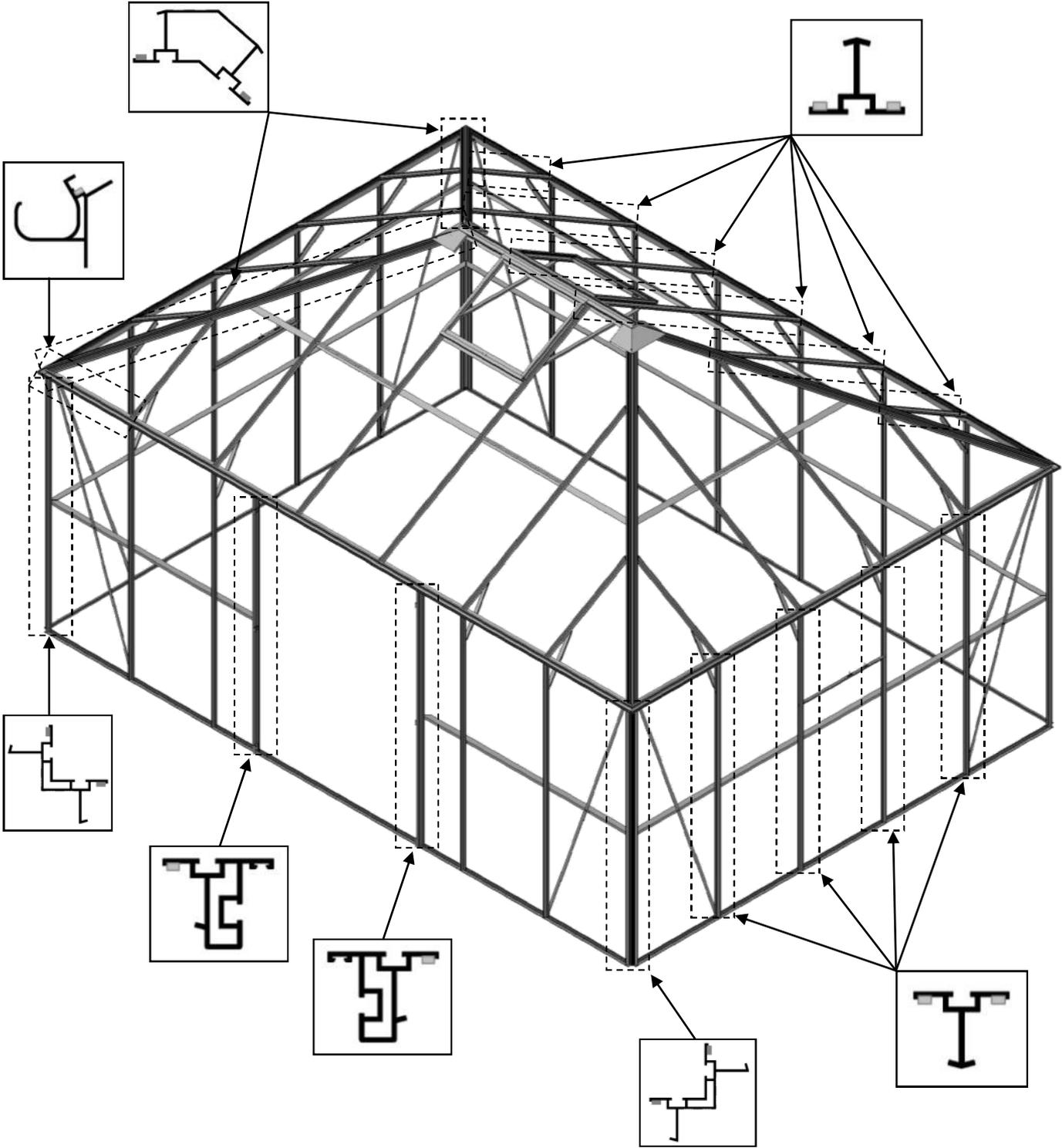
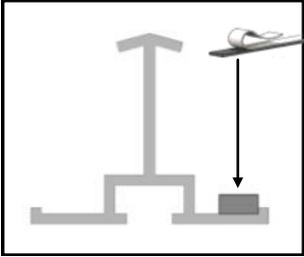
Note:

PVC capping bars were pushed in place from both top and bottom in diagonal direction together. If you assemble it from one side by one side, you will fell space is too tight to assemble another PVC capping bar.

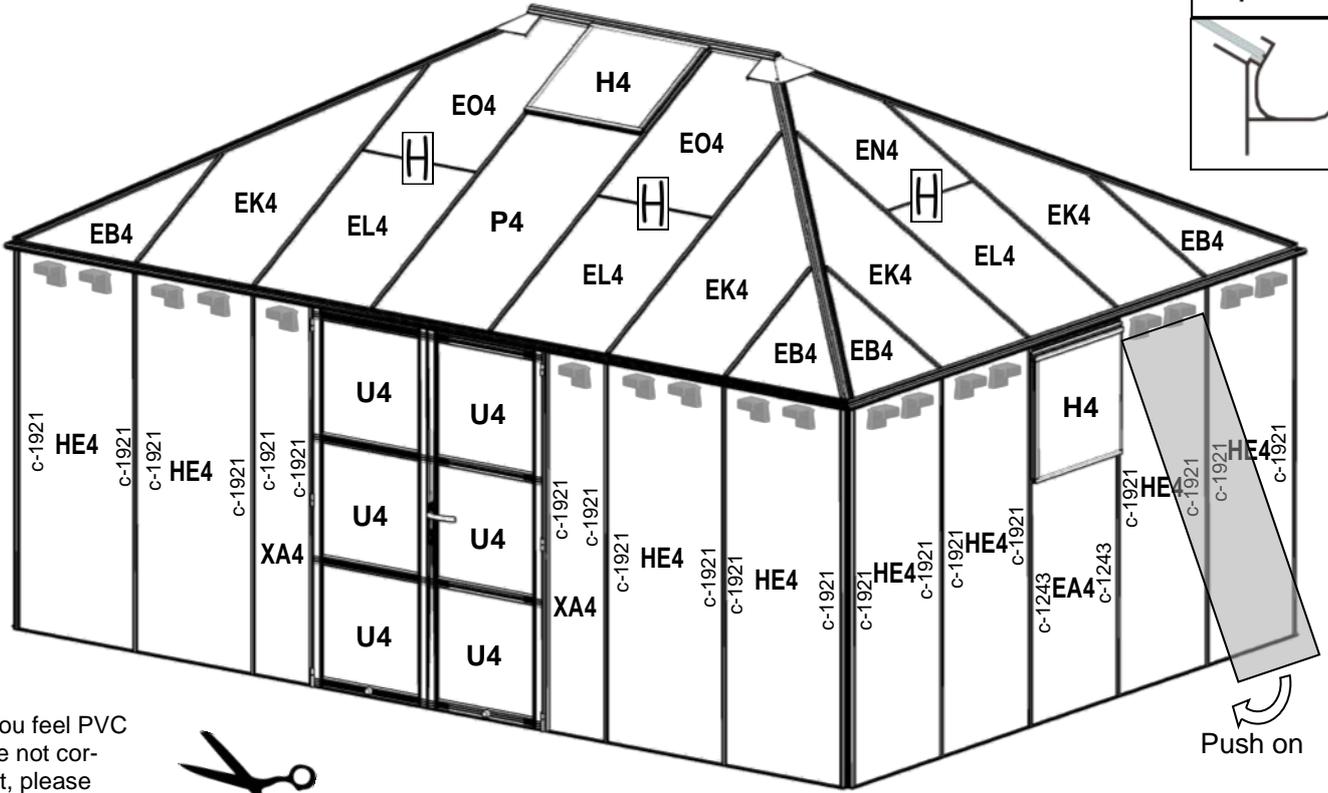
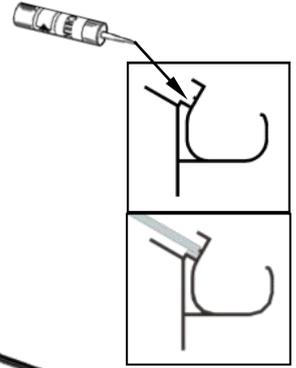


VERY IMPORTANT: When you are capping the PVC bars of center panel or glass, one person should hold the step ladder steady at all times for safety sake.

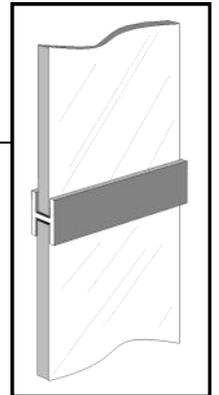
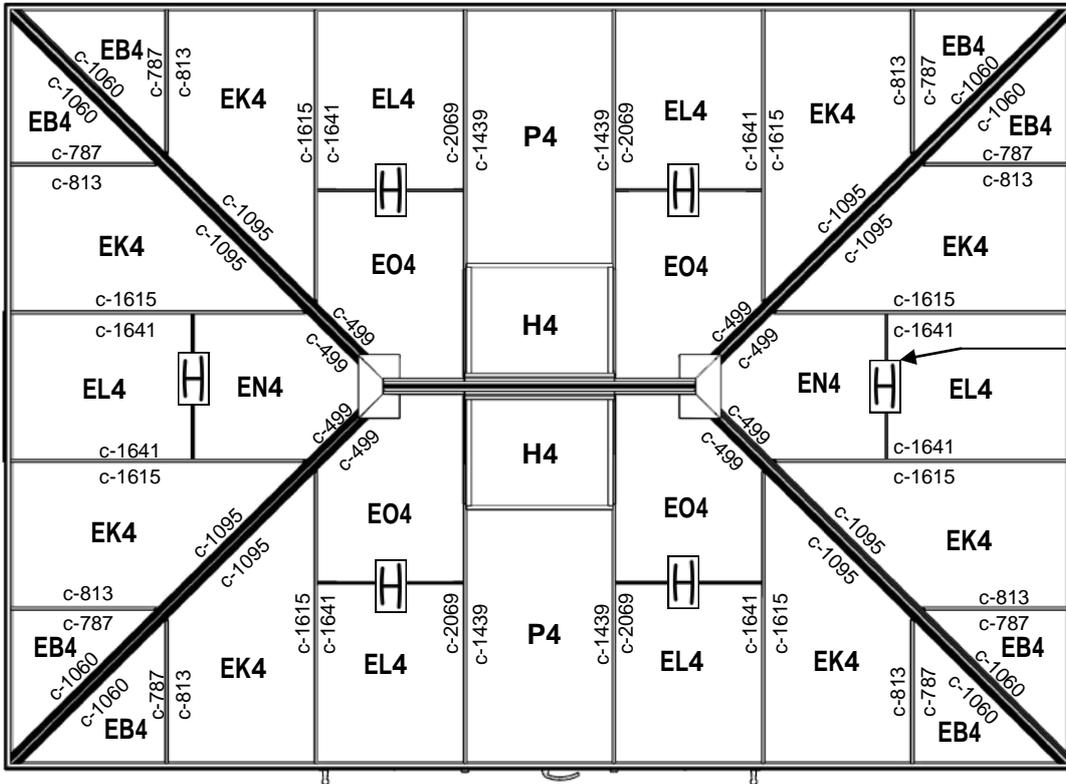
4mm Glass



4mm Glass



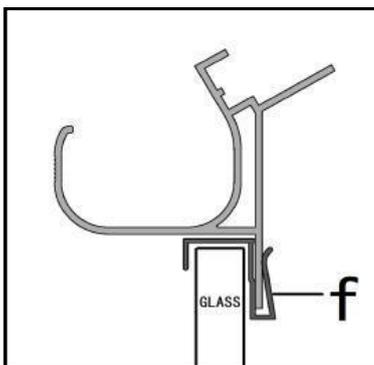
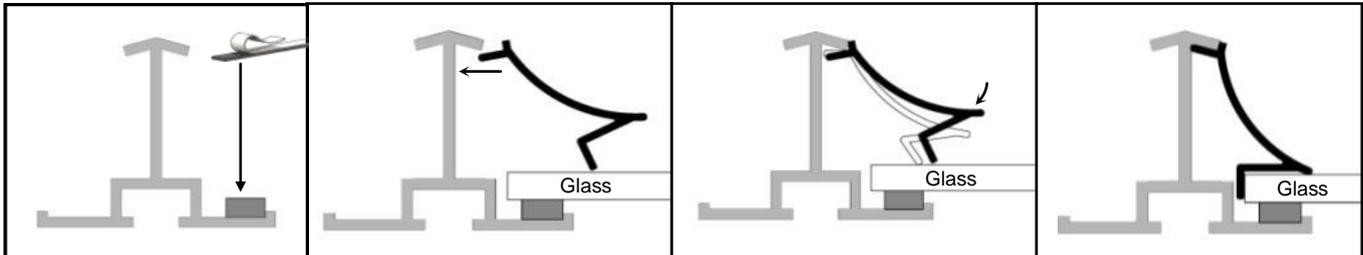
If you feel PVC size not correct, please use scissors to cut it.



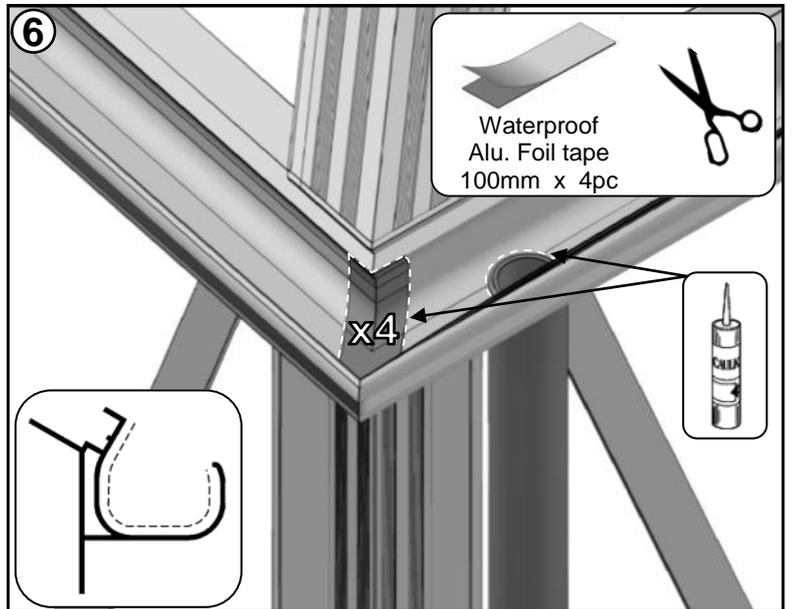
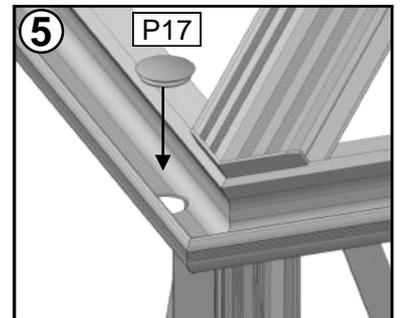
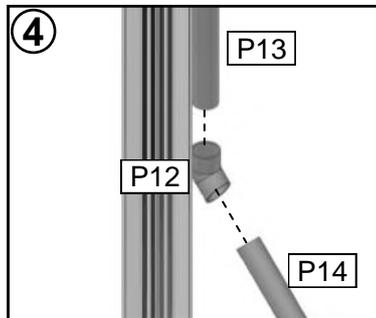
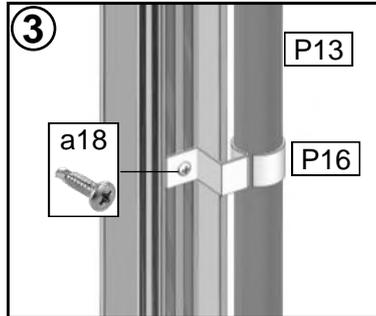
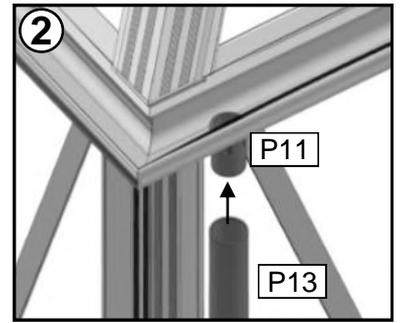
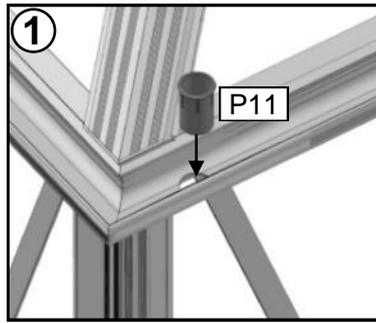
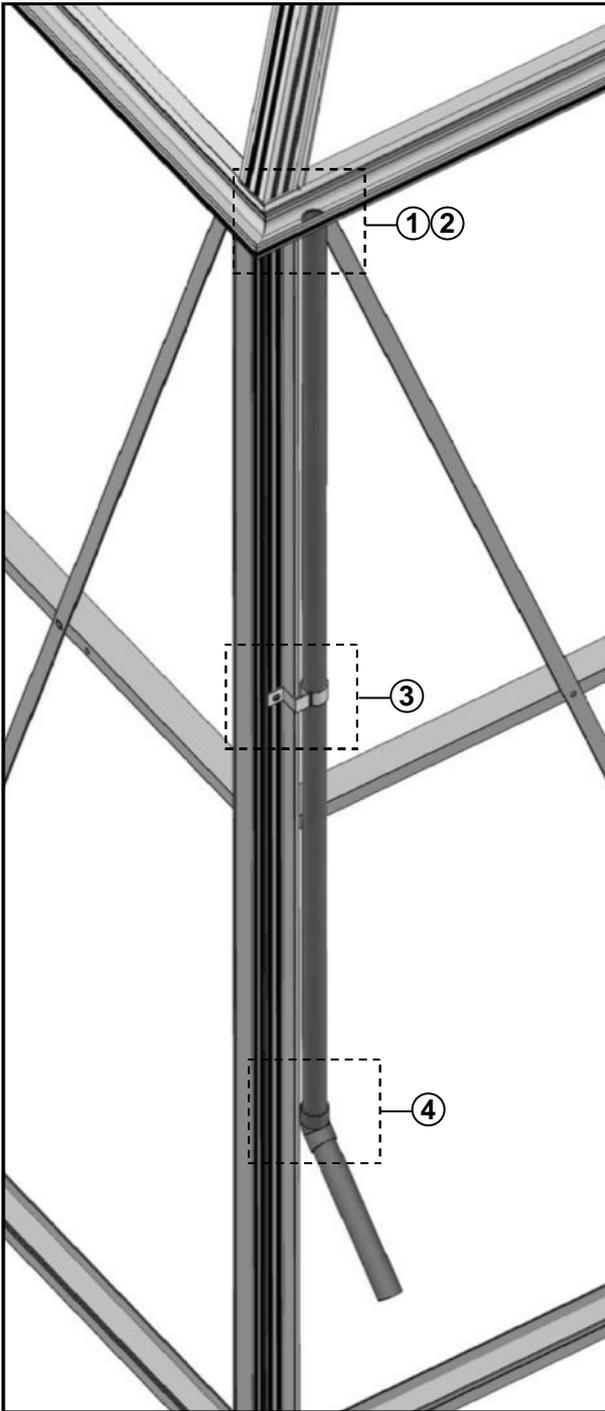
4mm Glass

| # | Size | QTY |
|---|---------------------|---------|
| HE4 | 700x1919 | 19 |
| U4 | 603x609 | 6 |
| H4 | 700x631 | 4 |
| XA4 | 341x1919 | 2 |
| EA4 | 700x1248 | 2 |
| EB4 | 695x0/802 | 8 |
| EK4 | 700x822/1630 | 8 |
| EL4 | 700x1007 | 6 |
| EN4 | 700x642/1017/642x50 | 2 |
| EO4 | 700x642/1072x327 | 4 |
| P4 | 700x1451 | 2 |
| H | 678 | 6 |
|  | 5 meter | 34 roll |
|  | Silicone | 1 |

| | DWG | Length | QTY |
|------|--|--------|-----|
| Side | c  | 1921 | 42 |
| | | 1243 | 4 |
| | f  | 16 | 40 |
| Roof | c  | 499 | 8 |
| | | 787 | 8 |
| | | 813 | 8 |
| | | 1060 | 8 |
| | | 1095 | 8 |
| | | 1615 | 8 |
| | | 1641 | 8 |
| | | 2069 | 4 |
| | | 1439 | 4 |

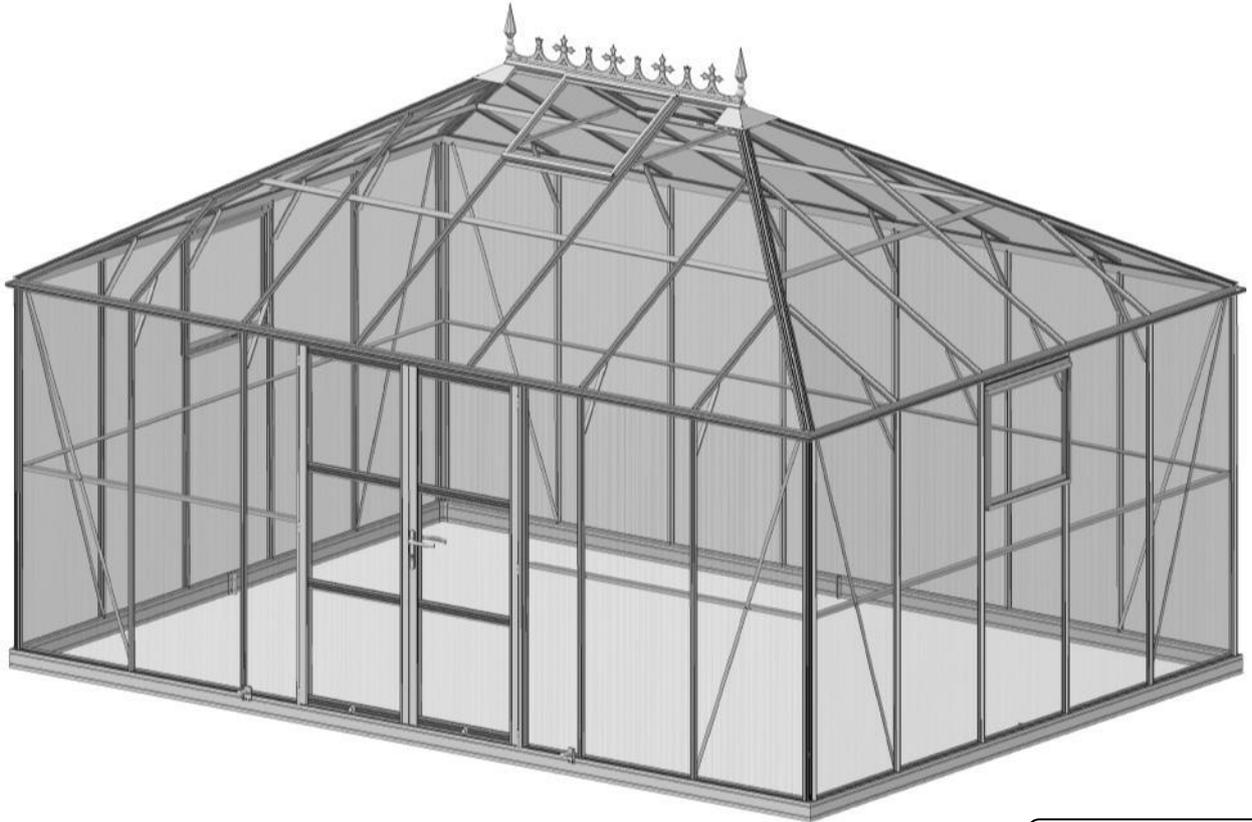


Downpipe



| | | | | | | | | |
|-----|-----|-----|------|-----|-----|-----|---------|-----|
| | | | | | | | | |
| # | P11 | P12 | P13 | P14 | P16 | P17 | a18 | - |
| mm | | | 1400 | 200 | | | Φ3.5x13 | 100 |
| QTY | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 4 |

Optional Cresting and Finials

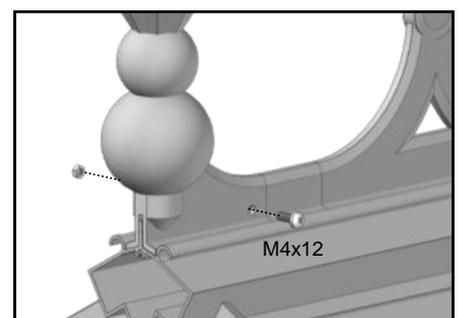
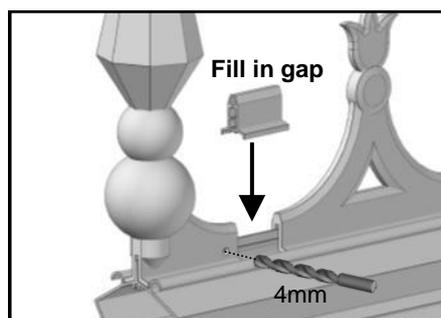
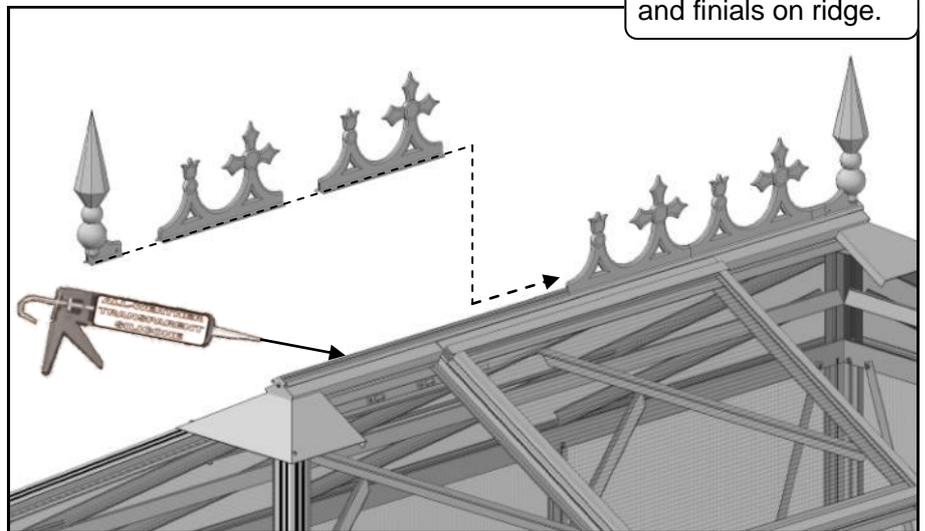


Please use silicone to fix the crestings and finials on ridge.

CAUTION:



Once finial in position, please immediately drill a 4mm hole on ridge and **fix** finial with M4x12 bolt and nut to avoid finial falling off to injure people.



The list of parts

| | Description | GH170090 |
|----|----------------------|-----------------|
| 1 | Side wall | 2 |
| 2 | Rear wall | 1 |
| 3 | Front wall | 1 |
| 4 | Roof | 1 |
| 5 | Side Vent | 2 |
| 6 | Door | 1 |
| 7 | PVC capping bar | 1 |
| 8 | Downpipe | 1 |
| 9 | Roof Vent | 2 |
| 10 | Glass | 1 |
| 11 | Tools | 1 |
| 12 | Assembly Instruction | 1 |

Contact information

Austria



Belgium



Croatia



Denmark



Estonia



Finland



France



Germany



Ireland



Italy



Latvia



Lithuania



Nederland



Norway



Poland



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