



GH4064

IMPORTANT SAFETY INFORMATION

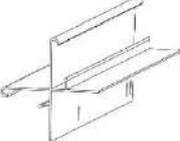
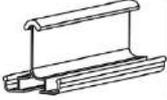
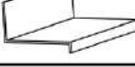
The warnings, precautions, and instructions discussed in this manual cannot cover all possible conditions and situations that may occur. The operator must understand that common sense and caution are factors, which can't be built into this product, but must be supplied by the operator.

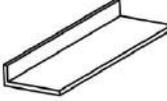
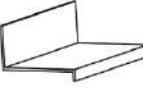
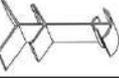
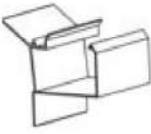
Assembly / Installation Precaution

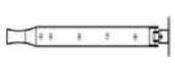
1. Assemble only according to these instructions. Improper assembly can create hazards.
2. Wear ANSI-approved safety goggles and heavy-duty work gloves during assembly.
3. This unit contains pieces with sharp edges. The machined edges of the aluminium parts and the ends of the panel clips may be sharp. Handle all parts carefully.
4. Keep assembly area clean and well lit.
5. Keep bystanders out of the area during assembly.
6. Do not assemble when tired or when under the influence of alcohol, drugs or medication.
7. Product capabilities apply to properly and completely assembled product only.
8. Locate the Greenhouse on a flat, level, surface. A concrete foundation is recommended for a high-quality installation.
9. **WARNING:** The brass bushings inside the rollers of this product contain lead, a chemical known to cause birth defects (or other reproductive harm).

Use / Service Precautions

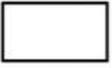
1. This is not a toy. Do not allow children to play in or climb on this product. Although this greenhouse does include some caps, there are still some exposed sharp edges. In addition, protective covers may fall off in time. Children must be supervised if allowed near the greenhouse.
2. **Show / Debris Accumulation Hazard.** The heavy weight of accumulated snow or other debris can cause parts of this greenhouse to buckle suddenly. Do not allow debris to accumulate on top of the greenhouse. If snowfall is expected, place additional supports (not provided) underneath the Crow. Never enter a greenhouse with accumulated debris on top.
3. Use as intended only.
4. Inspect periodically, replace damaged parts immediately and do not enter greenhouse if parts are loose or damaged,
5. For your safety, service and maintenance should be performed regularly by a qualified technician.

Part no.	Part & Hardware	Description(m m)	Qty.
1		1215	4
2		1134	1
3		1134	1
4		1134	1
5		1134	1
6		1645	1
7		1645	1
8		1669	1
9		1669	1
10		1215	2
11		1114	2
12		610	1
13			4
14		1255	1
15		621	1
16		1822	1
17		1822	1
18			1
19		375	1
20		1610	2
21		1806	1

Part no.	Part & Hardware	Description(m m)	Qty.
22		1298	2
23		586	2
24		610	1
25		1298	2
26		610	2
27		610	1
28		520	2
29		608	1
30		595	1
31		595	1
32A		1214	1
32B		1214	1
33		1214	1
34A		1220	1
34B		1220	1
35		603	5
36			2
37			1
38			1
39			2
40			93

Part no.	Part & Hardware	Qty.
41		14
42		4
43		2
44A		2
44B		2
45A		1
45B		1
46		1

Part no.	Part & Hardware	Qty.
47		96
48		94
49		2
50		2
51		4
52		14
53		8
54		28

Part no.	Part & Hardware	Qty.	Description(mm)
1		9	605*1212
2		3	605*1130
3A		2	605*455
3B		2	605*455
4		1	605*585
5		1	595*550
6		1	605*675
7		1	605*252
8		1	610*241
9		2	605*602

Read the ENTIRE IMPORTANT SAFETY INFORMATION

section at the beginning of this document including all text under subheadings therein before set up or use of this product.

IMPOTANT - READ THE FOLLOWING CAREFULLY BEFORE PROCEEDING

- Unless noted otherwise, attach all frame parts using the Bolts 40 and Nuts 48 provided. Tighten nuts by hands. After installing all the PC panels, continue tightening nuts by tools about 1/4 turn .be careful not to over tighten
- Lay out all parts by number prior to assembly.
- Use an assistant or an appropriate support (not included) to keep the partially assembled parts upright during assembly. Use two assistants to assemble the Crown pieces to the rest of the frame.
- Assemble on a clear, calm day. Wind will damage the Greenhouse and make assembly difficult.

Assembling the Foundation

Prior to assembly, a proper foundation must be laid. The greenhouse must be properly supported to help prevent property damage and injury in the event of strong winds or inclement weather. Wind and ground conditions may vary from site to site, and may affect the practicality and effectiveness of anchoring methods substantially. If you have any doubt regarding the stability of the foundation you are to use, consult a professional.

It is always your responsibility to ensure that the greenhouse is properly anchored. Our company cannot be held responsible for personal injury, damage to the greenhouse, or other property damage that occurs as result of improperly anchoring the greenhouse.

Be certain to check with local authorities to obtain all required building permits and familiarize yourself with any building codes that may apply.

Decide on a location for the greenhouse. The location should optimally be a level, well-lit area that is sheltered from the wind. The door of the greenhouse should not open towards the prevailing wind, if possible.

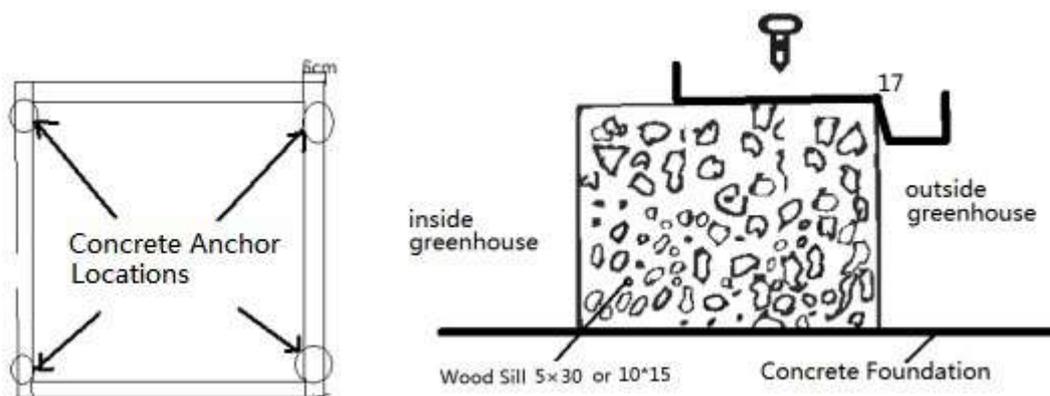
Concrete Anchor Foundation

This foundation will be assembled out of 6x6cm treated wood, hardware and prefabricated concrete anchors (none provided).

Assemble the 6x6cm treated wood into a frame according to the dimensions shown in the diagram below.

The wood needs to be trimmed to fit. Make certain that the assembly is square and level.

Securely assemble the frame together using proper hardware.



Dig a hole for each of the concrete anchors in the positions shown. The hole should be slightly oversized and should be deep enough so that the frame will rest almost on the ground when installed.

Place the anchors in the holes carefully, then place the 6x6cm treated wood frame on the anchors. Use a level on the frame to make sure that the anchors are sunk to the proper depth. If any anchors need to be raised, partially fill the hole with sand or gravel under the anchor.

Once the frame is level, secure it to the anchors. Fill up the holes with the earth you removed previously.

Treated wood base foundation

The wood base will be assembled out of 10x15 and 5x30 treated wood, hardware (galvanized lag bolts / deck screws), and filling material (such as gravel, none provided)

Assemble the 5x30 treated wood into a frame according to the dimensions shown in the diagram below.

The wood needs to be trimmed to fit. Make certain that the assembly is square and level. Also use a level to ensure that the base is even.

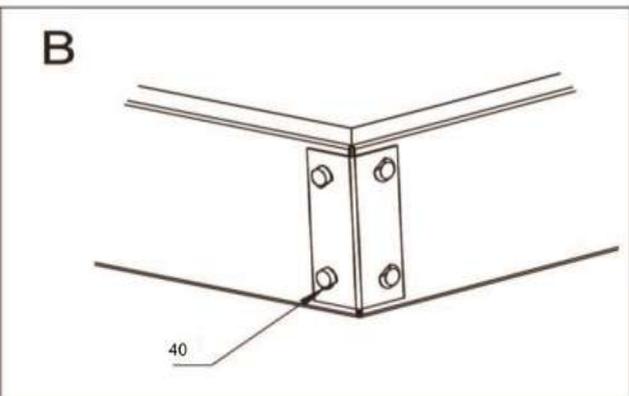
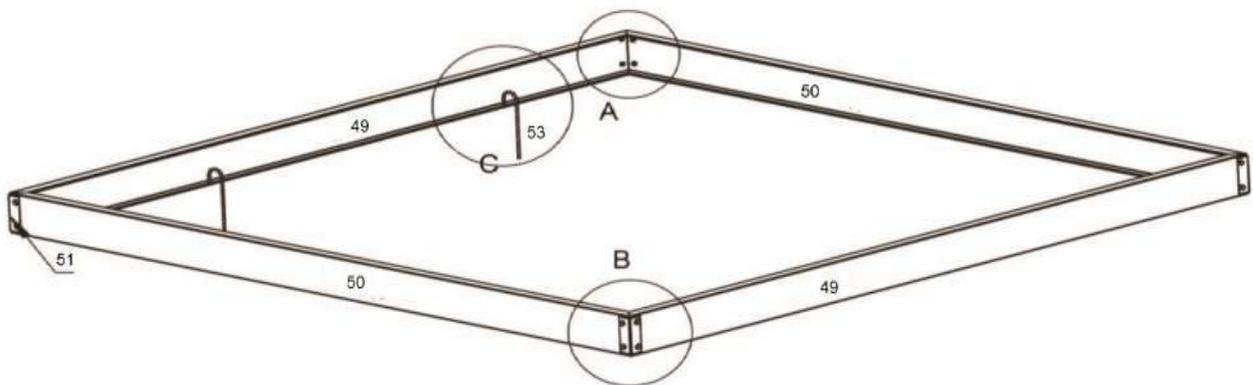
Assemble the 10x15 treated wood on top of the 5x30 treated wood base you just assembled, as shown in the cross section below. Fill with filling material (such as gravel) up to the top of 4x6 wood's inside of the base.

Note: No matter which foundation you choose, position the four greenhouse's bottom frames with their outer edges overhanging the outer edges of the base, as shown in the diagrams. Secure four bottom frames to the base after finishing assembling the greenhouse.

Assembling the Base

Put the foundation parts in orders according to the below diagram. Then use the fasteners, bolts and nuts to connect all the foundation parts.

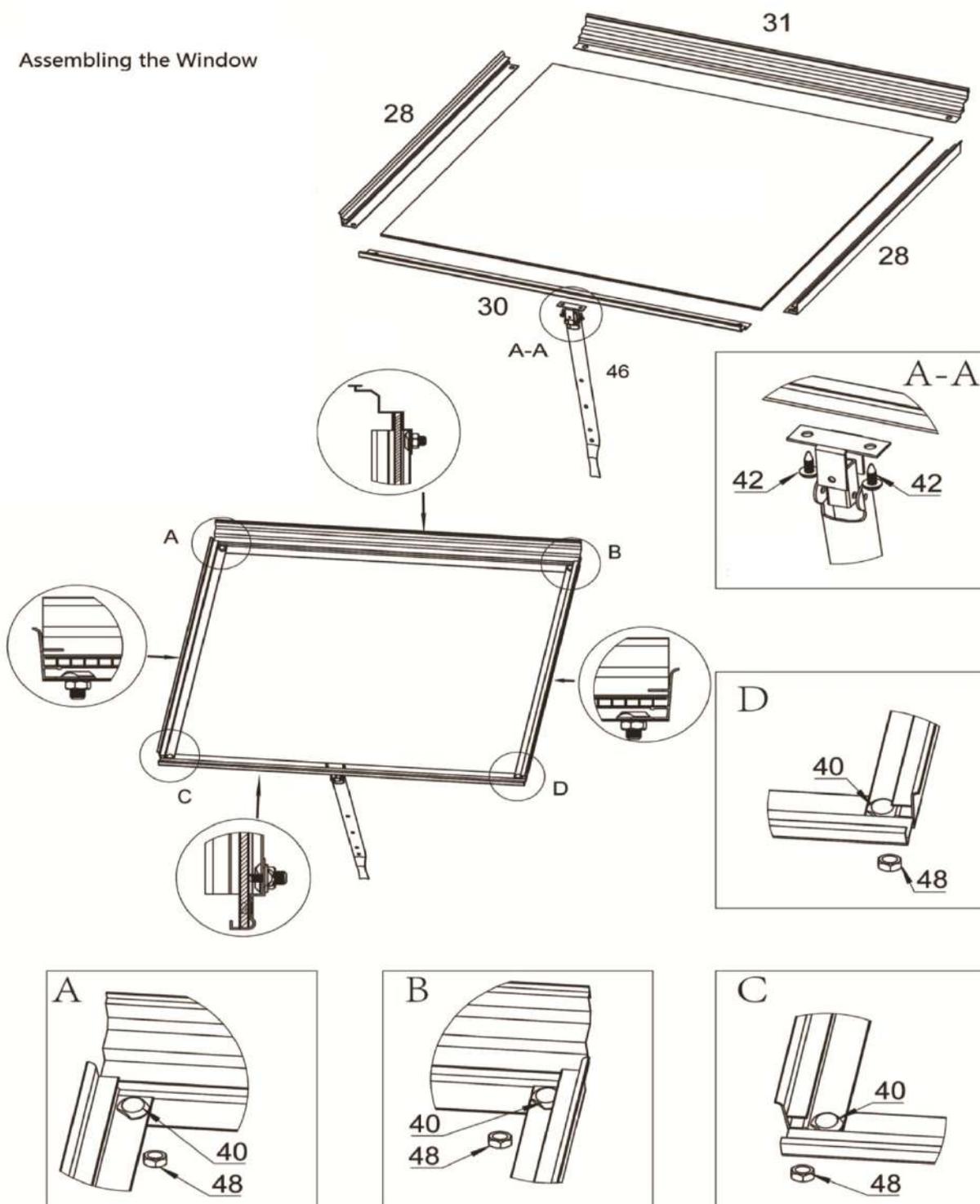
Fix the base plate into the ground with screw, and hook the base plate frame with clasps



Assembling the window

Follow the steps below for the window.

1. Attach the side window frame 28 to the top window frame 31, as shown in below picture.
2. Insert the bolts 40 into the holes at the bottom of the side window frames 28, so that the threads stick out the bottom of the window.
3. Remove the protective film from the window pane 5. Slide the window pane 5 into the three sided frame.
4. Slide the bottom window frame 30 onto the bolts 40 which are on the frames 28. Secure it in place with nuts 48.
5. Attach the window brace 46 to the bottom window frame 30 with two window screws 42, the holes on the window brace 46 should face away from the window.

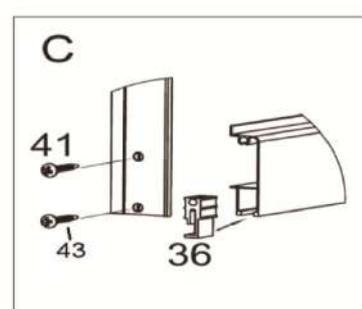
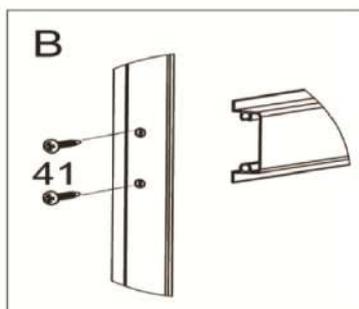
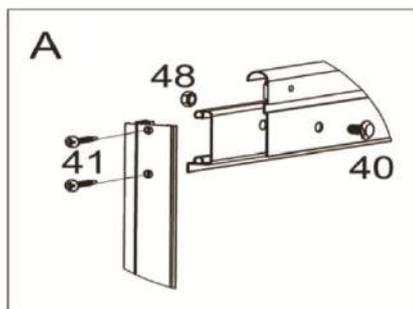
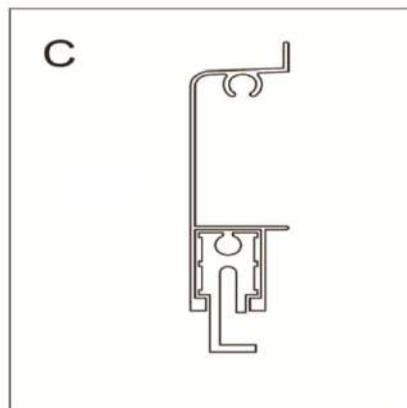
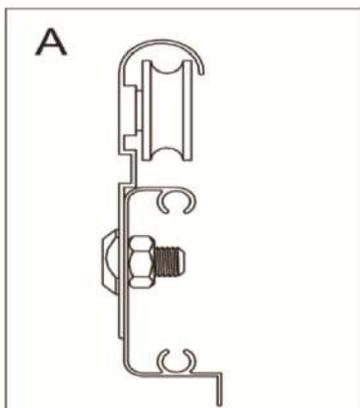
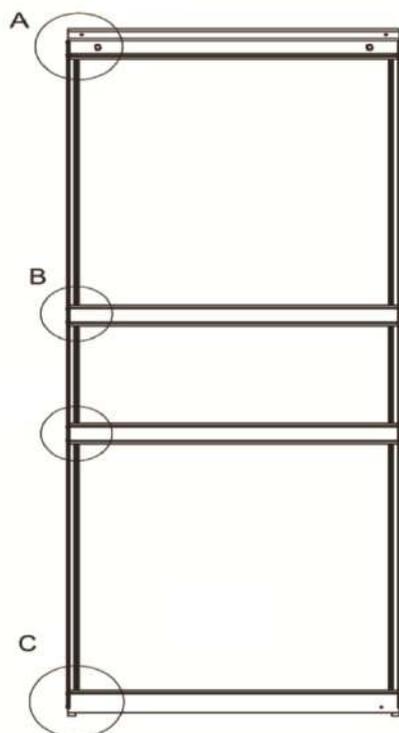
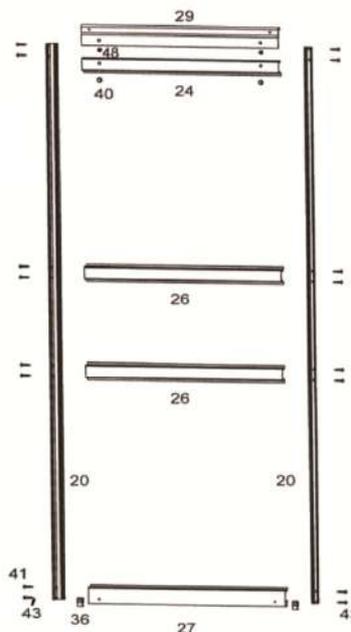


Assembling the Door

The door is assembled using the door screws 41.

The screws thread directly into the rounded portions of the parts in the center of the door.

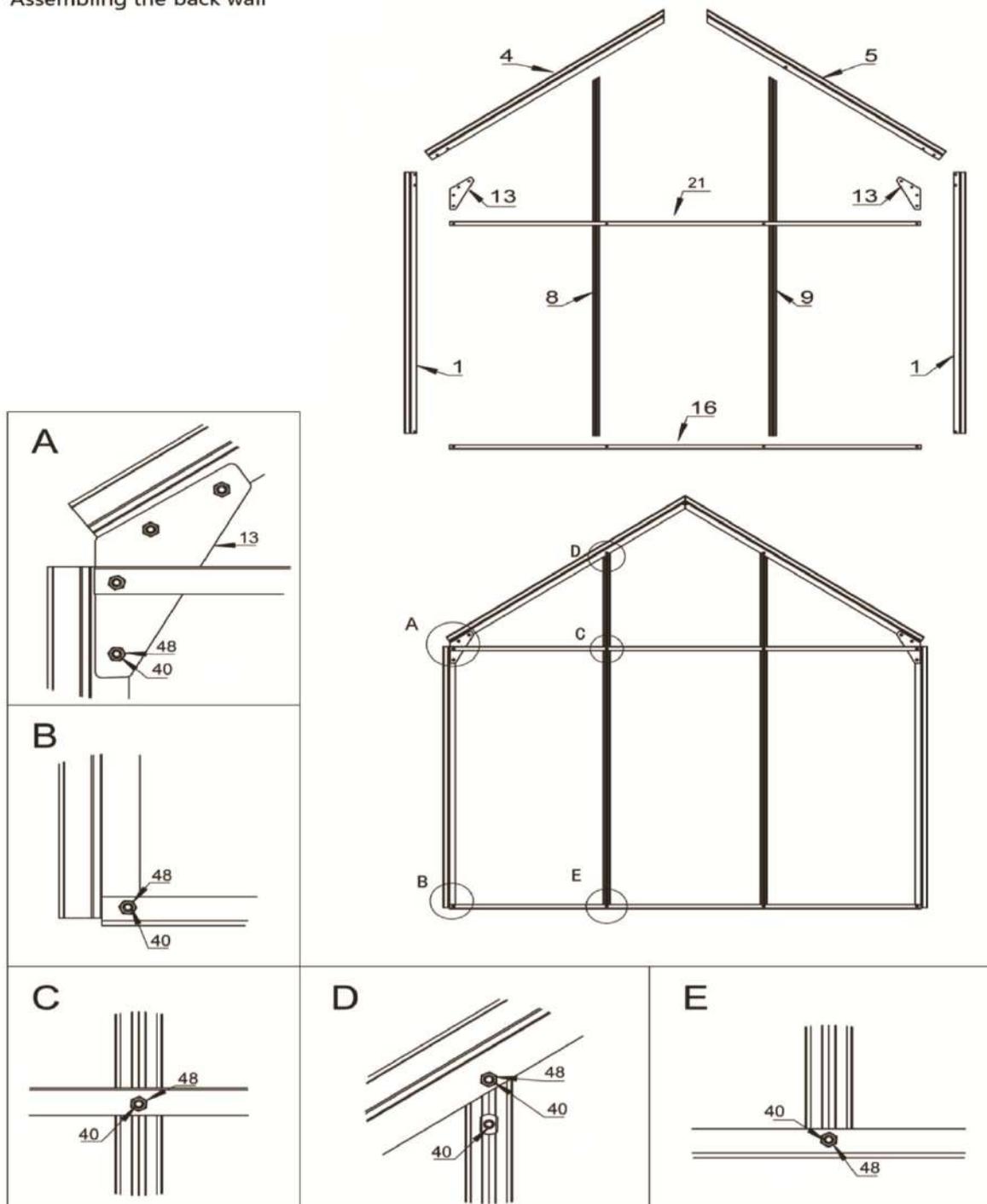
1. Attach the center door frames 26 to the side door frames 20.
2. Attach the top door frame 24 to the side door frames 20 with the rounded portion facing the front as shown in the picture.
3. Attach the door slider frame 29 to the top door frame 24 using two bolts 40 and two nuts 48 with the roller on the top of the door.
4. Insert a door bottom slider 36 into each end of the bottom door frame 27. Install the slider correctly, with the gap facing the back of the door, see the picture below. Attach the bottom door frame 27 to the side door frames 20 with screws 41 and 43, using two screws on each side - the top screw 41 into the bottom door frame 27 and the bottom screw 43 into the door bottom slider 36.



Assembling the back wall

Place 1,4,5,8,9,13,16 and 21 as shown in the picture, insert the screws 40 from bottom to top and tighten by nuts 48.

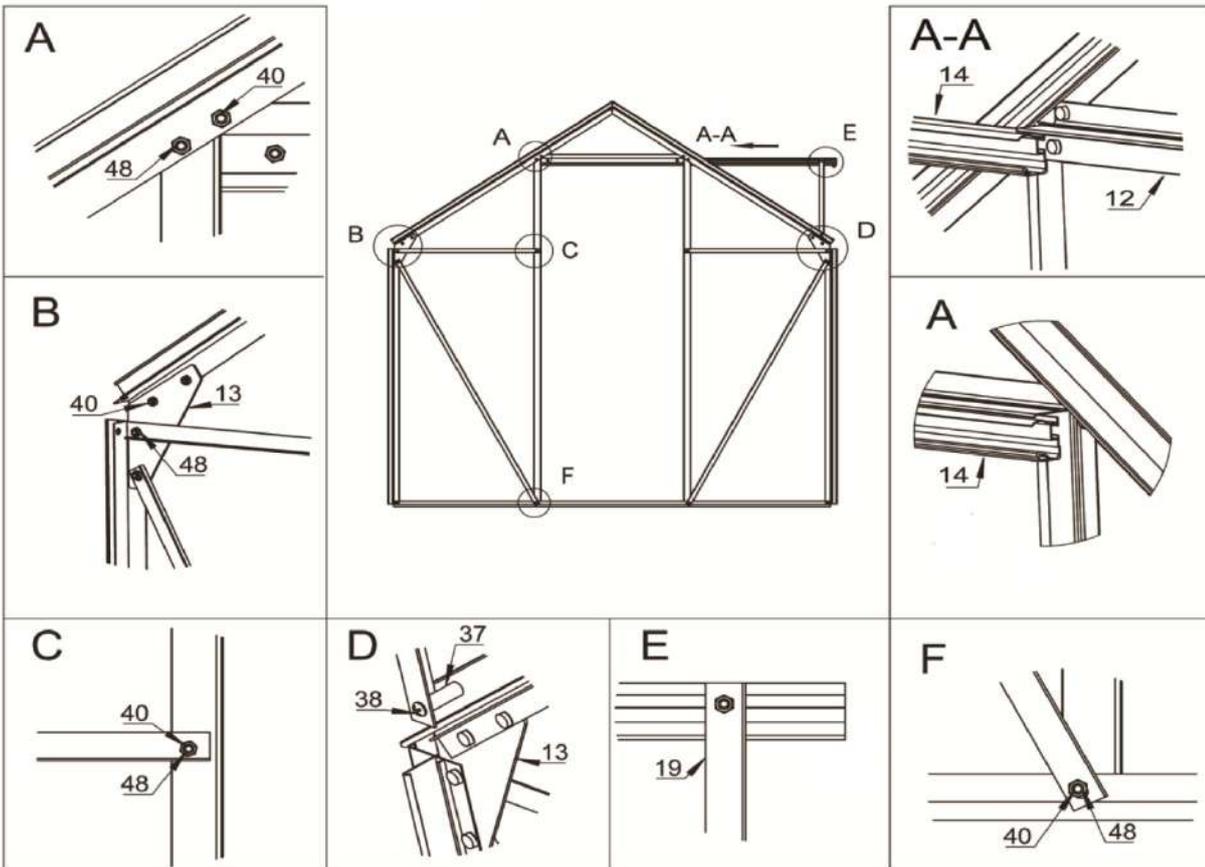
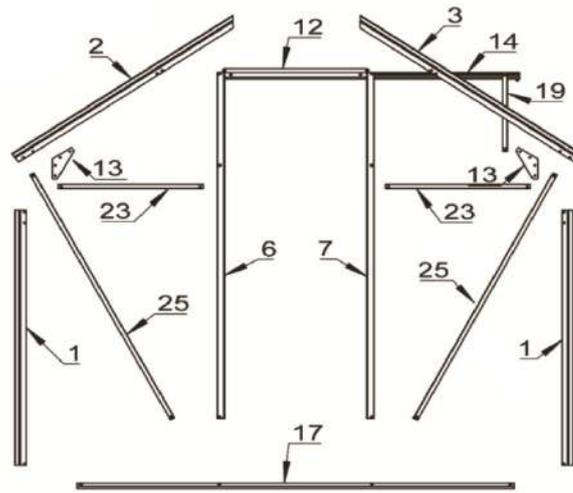
Assembling the back wall



Assembling the front wall

1. Place 1,2,3,6,7,12,13,17,23 and 25 as shown in the picture, insert the screws 40 from bottom to top and tighten by nuts 48.
2. Attach the frame 12 to the middle of 2 and 3, the cutoff corners of 2 and 3 should be at the top and should face away from the center.
3. Attach the frame 19 to 3 with the door bolt 38 and nut 48, with the door support spacer 37 between the frame 19 and 3.
4. Place three bolts 40 in the slot at the back of the door rail 14. Attach the rail 14 to the top doorway frame 12 and

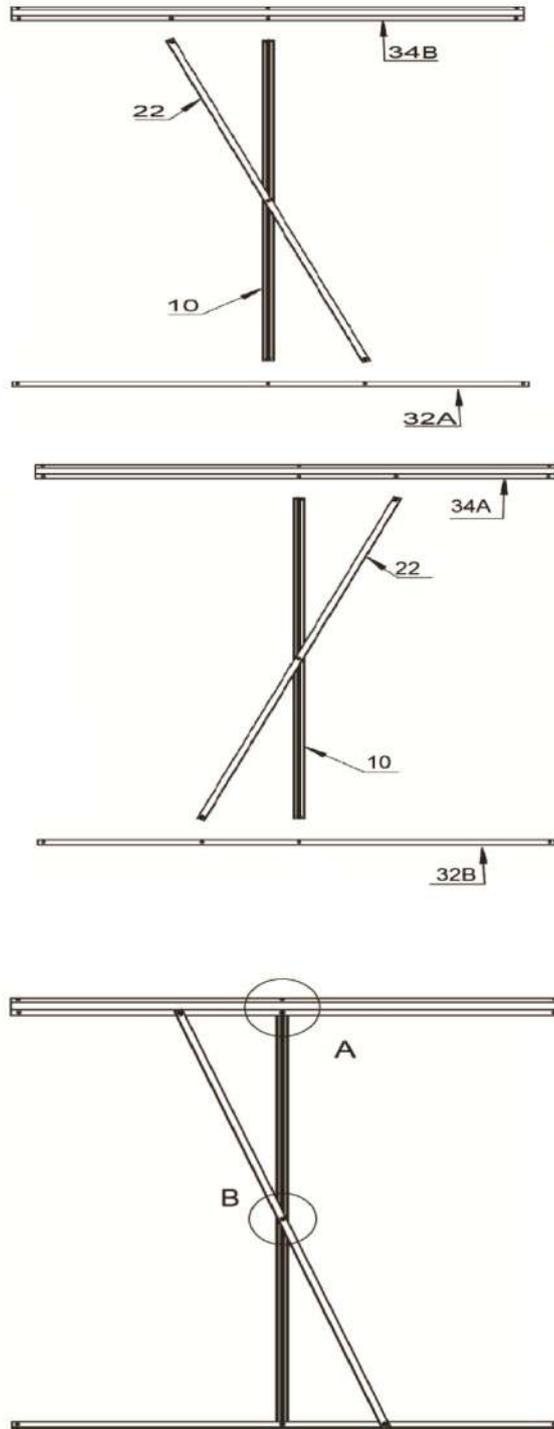
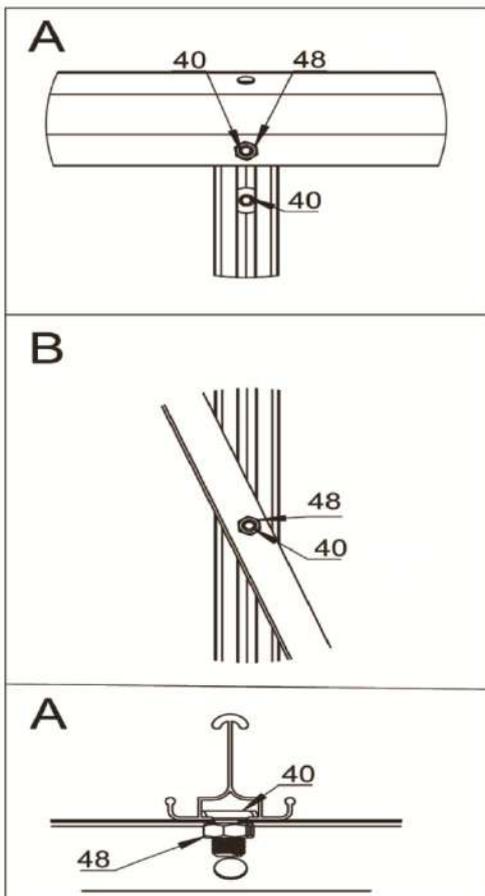
the free end of the vertical frame 19, with the rounded side up.



Assembling the side wall.

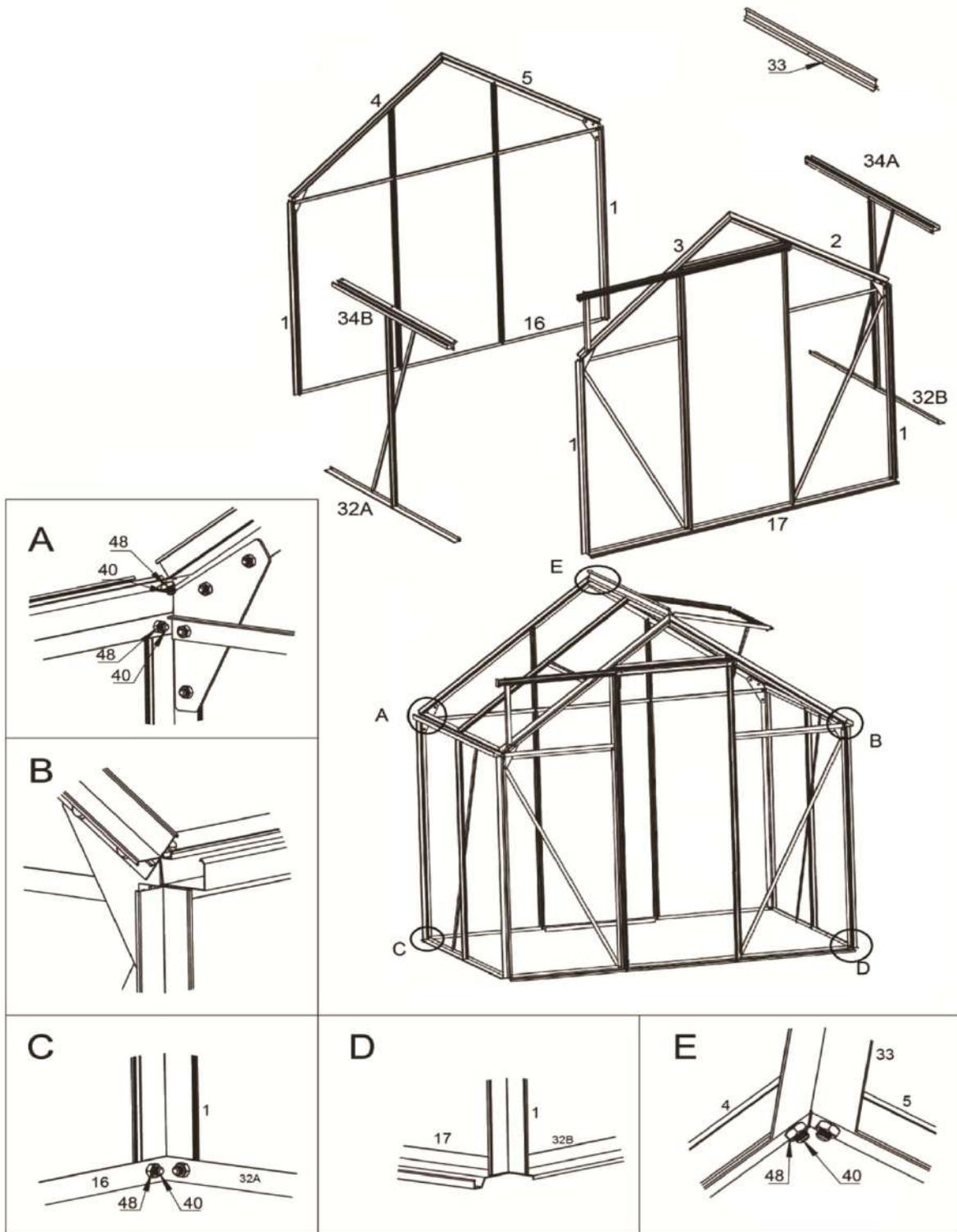
Place 10,22,32 and 34 as shown in the picture, insert the screws 40 from bottom to top and tighten by nuts 48.

Assembling the side wall



Assembling all the frame walls

1. Lean the back door frame on a supporter such as wall, stand etc. Attach 34 and 32 to 1,4,5 and 16 horizontally, as the picture shows.
2. Attach 34 and 32 to 1,2,3 and 17 horizontally.
3. Attach 33 to 2,3 and 4,5 horizontally.



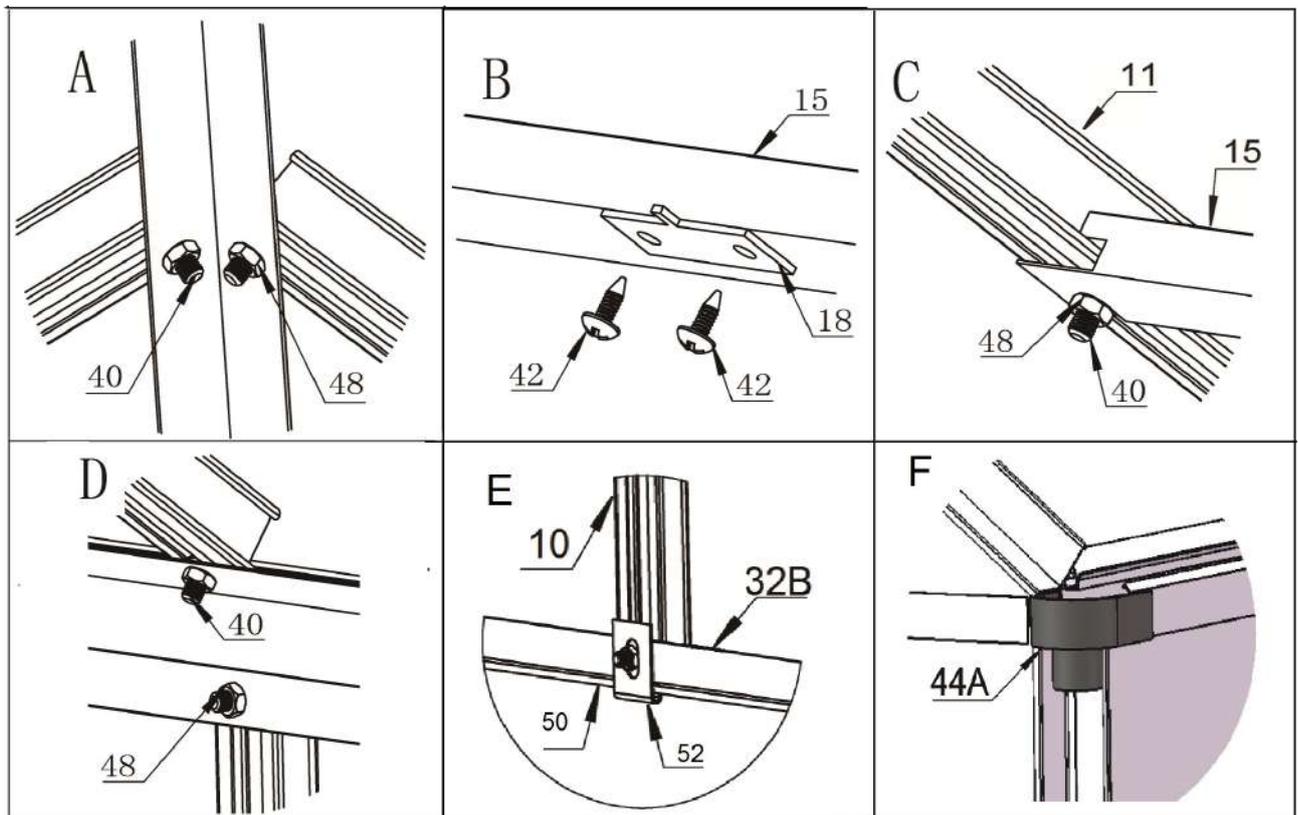
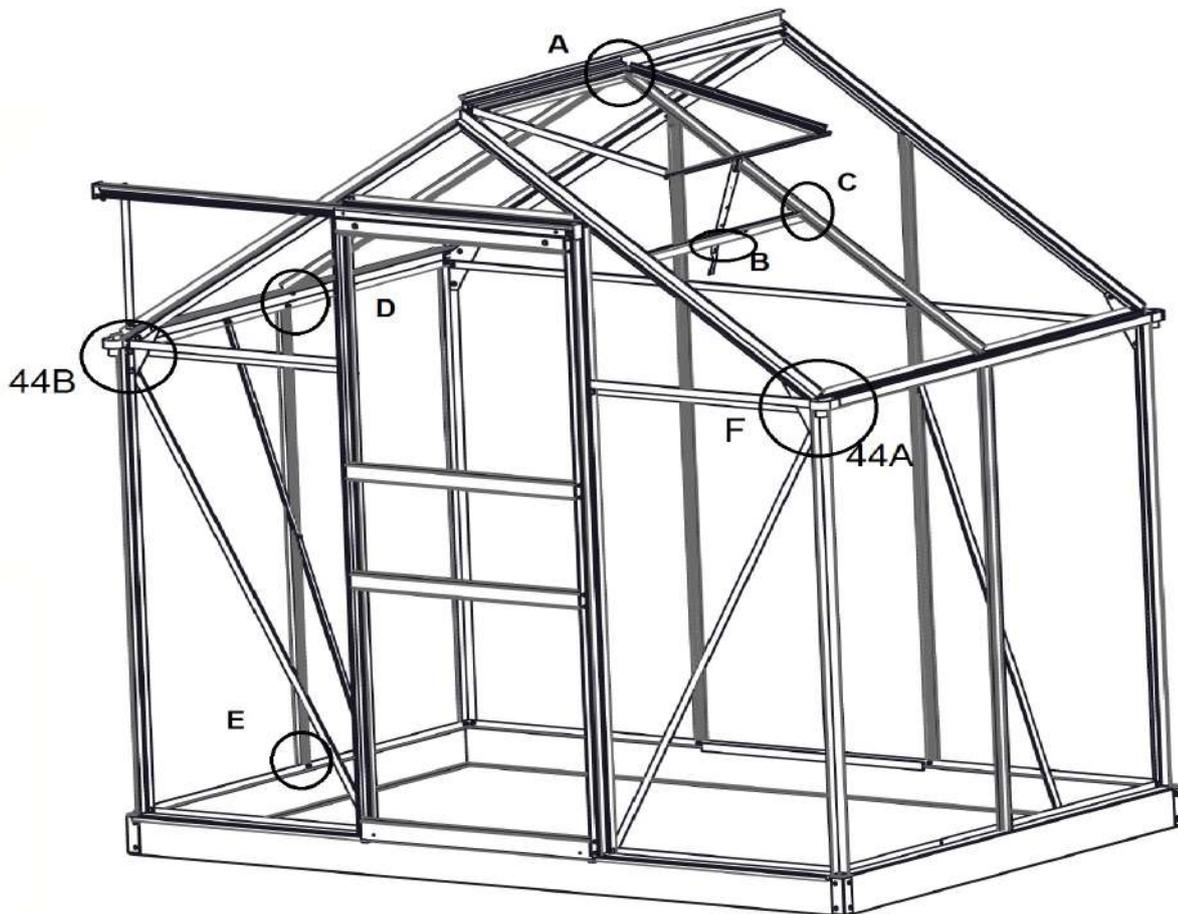
4. Attach the roof studs 11 between 33 and 34.

5. Slide the window support beam 15 onto the roof studs 11 that you included extra bolts in, with the predrilled holes on the underside and the flat side facing the crown 33. Use the extra bolt to secure the beam 15 loosely in place. It will need adjustment when installing the window.

6. Slide the top edge of the top window frame 31 into the slot at the top of the crown 33 as shown in the picture. The window should be aligned with the window brace 46 at the bottom. Slide the window into place over one window support beam 15. Gradually lower it into place.

7. Loosen the nuts 48 holding the window support beam 15 in place and slide the window support beam 15 up to touch the window. Secure it into place.

8. Use two window screws 42 attach the window stop 18 to the window support beam 15 with its tab pointing towards the crown 33. Both should be on the underside of their window support beam, inside the greenhouse.
9. Pls hook one side of No.52 of the inner frame base plate, then fix with screw in No. 16,17 & 32.
10. Insert the end caps 44 to the frame 34.



11.

Transparent panel installation

1. Panel clips 47 are used to secure the transparent panels in place on the greenhouse.

Note: Remove the protective film from both sides of all panels as they are installed.

2. The roof panels 2 and the roof window panel 4 will need to be placed as shown in the picture below. The bottom edges of these panels need to align above the gutter to direct rain off the greenhouse. The top edges of these panels need to be placed up under the edge of the crown 33 or the window support beam 15.

3. Place the transparent panels from 1 to 9 in its proper location as shown in the below picture using panel clips 47 to secure all the panels.

Note: When installing the panels 3, 6 and 1, use the frame 35 to connect the panel 3,6 to the panel 1. Insert the panels into the groove of the frame 35, then install them in the correct place as shown in below pictures.

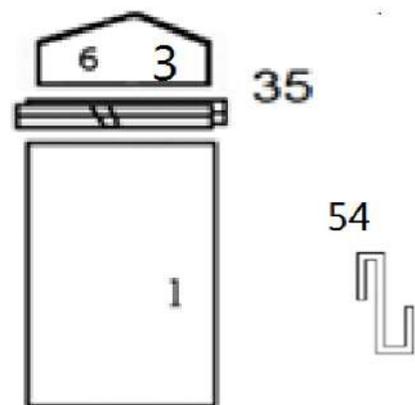
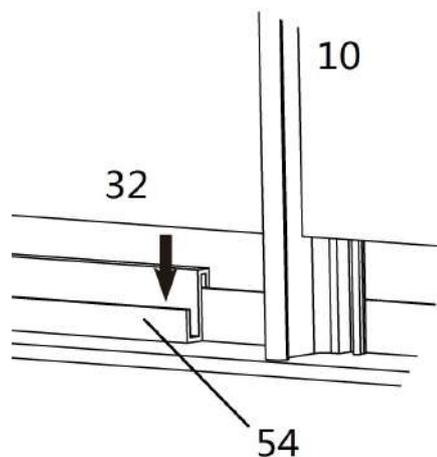
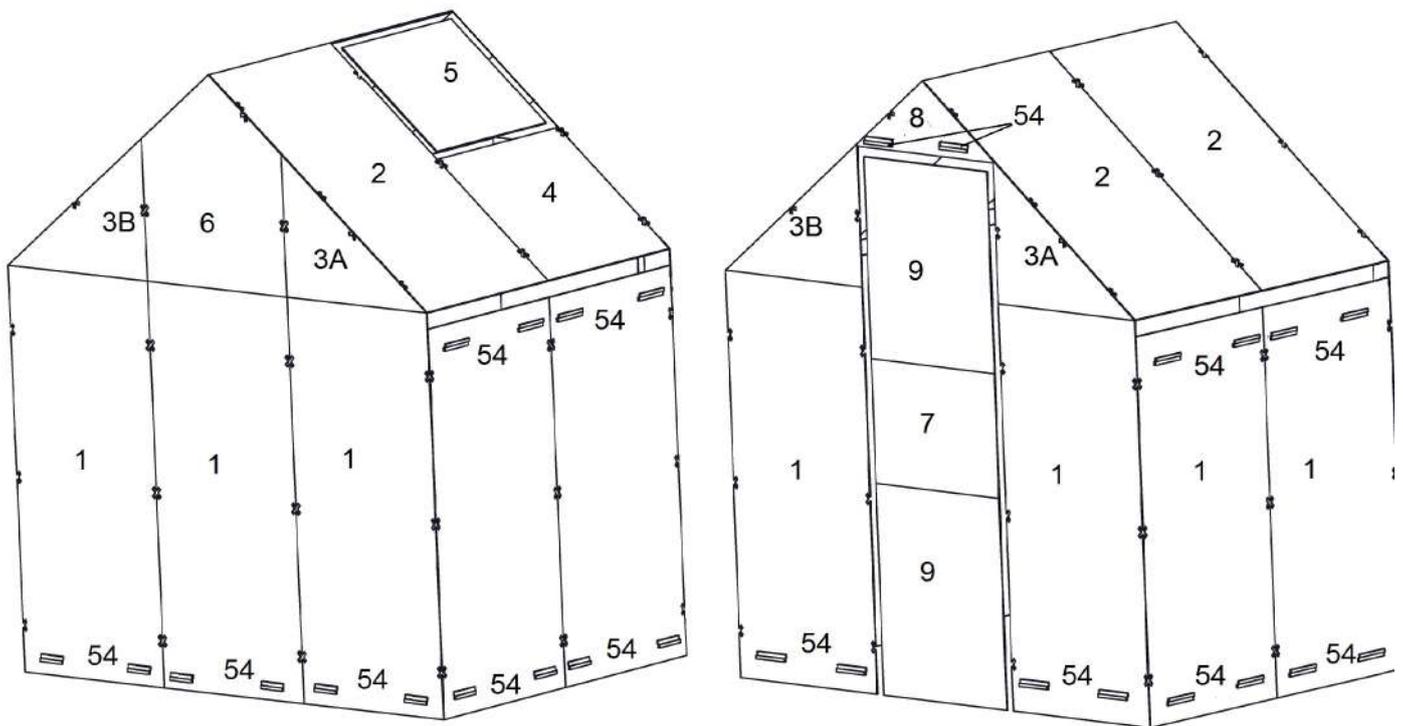
4. How to attach panel clips, see the picture below.

A) Place the two loose ends of the clip into the groove in the frame.

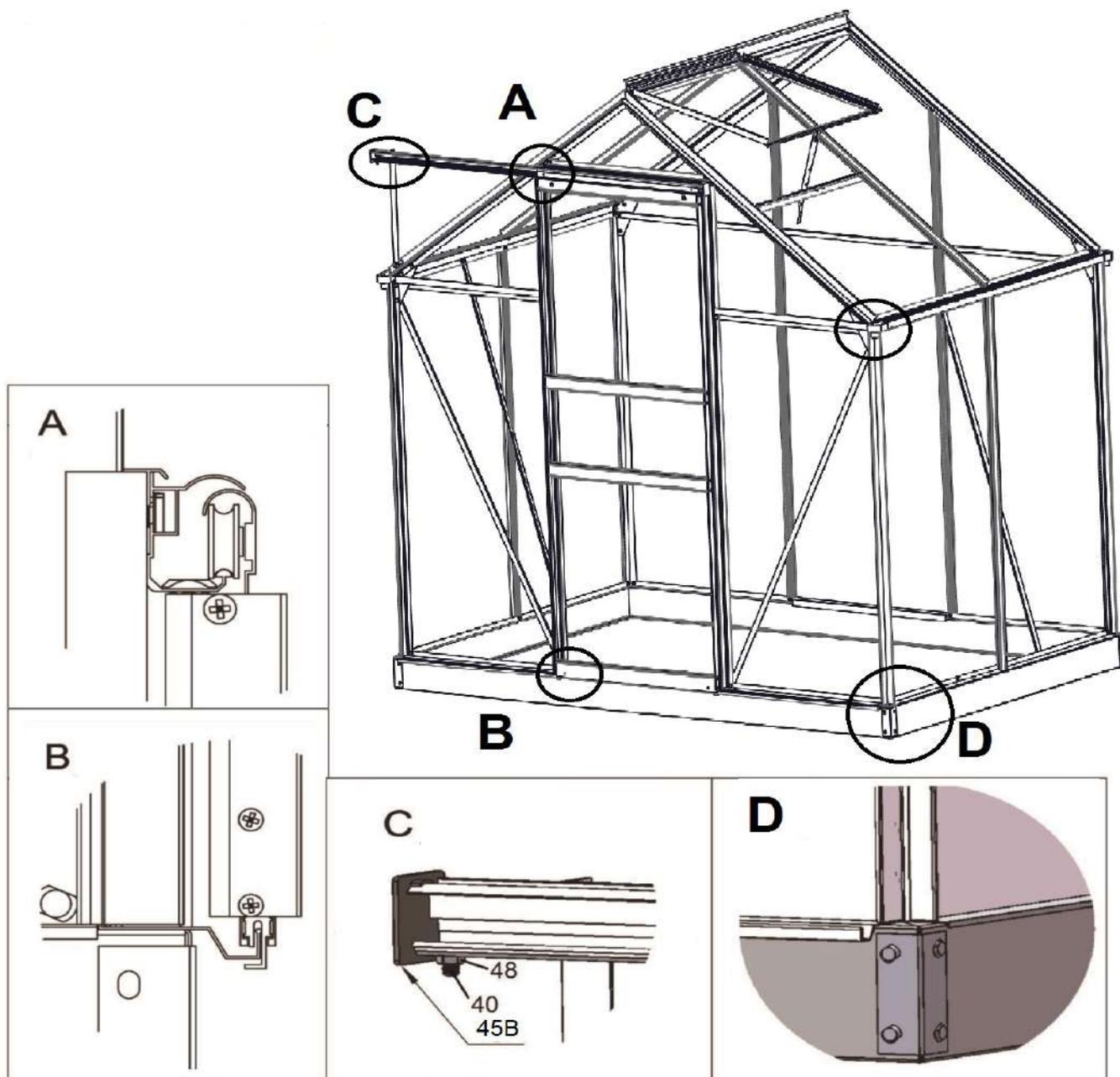
B) Swing the center portion of the clip up against the panel.

C) Two edges of the clip swing under the edge of the panel and the center edge holds the panel in place.

Be careful, panel clip 47 ends may be sharp and may spring back.



5. Raise the assembled door up and insert the first roller of its door slider 29 onto the door rail 14. Carefully align the first bottom door slider 36 over the edge of the front floor plate 17. Carefully slide the door over and align the other top roller and bottom slider as was done earlier.
6. Once the door is installed, install a bolt 40 and nut 48 into the hole on each side of the door rail 14 to prevent the door from sliding off its rail. Attach the rail end caps 45A and 45B to the rail 14.
7. After installing all the PC panels , continue tightening nuts by tools about 1/4 turn .be careful not to over tighten



Use and Maintenance

1. **BEFORE EACH USE**, inspect the general condition of the greenhouse. Check for loose screws, misalignment or binding of moving parts, cracked or broken parts, and any other condition that may affect the safe operation of the greenhouse. If a problem occurs with the greenhouse, have it corrected before further use.
DO NOT USE DAMAGED EQUIPMENT.
2. **TO CLEAN**: Wipe with a damp cloth, using a mild detergent.
Do not use cleaners that are combustible, corrosive, or not compatible with aluminium.
3. **WHEN STORING**: Keep the greenhouse in a box and in a clean, dry location.