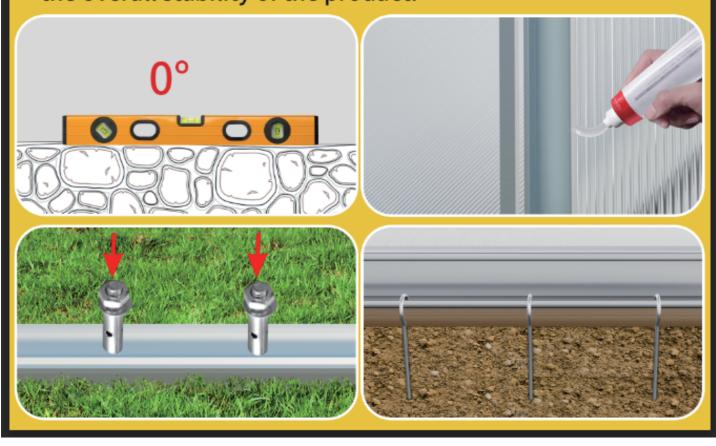
# Pure & Easy

# ASSEMBLY INSTRUCTIONS

FTPLGH-2062 FTPLGH-2063 LHDR-V3



- If you need to use this greenhouse in severe weather conditions, please move valuable items indoors to avoid unnecessary financial loss.
- You must install the PC board greenhouse on a deck or level surface. If placing it on the ground, we recommend securing it with wooden strips under the frame and placing it in a pre-dug trench, then using ground stakes to further enhance stability.
- You must apply silicone sealant at the joints between the PC boards and the frame. Ensure that the clips are fastened in the correct direction onto the PC boards to prevent the boards from coming loose easily.
- Expansion screws and ground stakes are required to increase the overall stability of the product.

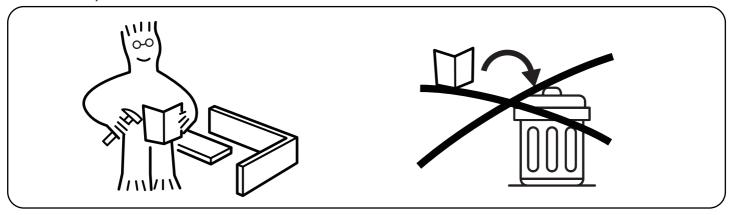


# **NOTICE**

#### **CONGRATULATIONS**

Congratulations on purchasing a Greenhouse. Please read the assembly manual and familiarise yourself with the parts and steps before assembling your Greenhouse.

IMPORTANT, RETAIN FOR FUTURE REFERENCE: READ CAREFULLY WICHTIG, FÜR SPÄTERE NACHSCHLAGE AUFBEWAHREN: SORGFÄLTIG LESEN IMPORTANTE, GUARDAR PARA REFERENCIA FUTURA: LEER ATENTAMENTE IMPORTANTE, CONSERVARE PER RIFERIMENTI FUTURI: LEGGERE ATTENTAMENTE IMPORTANT, À CONSERVER POUR RÉFÉRENCE FUTURE : LIRE ATTENTIVEMENT



Assemble on a flat and solid surface. To avoid the unstable surface affecting the overall frame stability during installation.

Montieren Sie auf einer ebenen und festen Oberfläche.Um zu verhindern, dass eine unebene Oberfläche während der Montage die Gesamtrahmen-Stabilität beeinträchtigt.

Ensamblar en una superficie plana y sólida. Afin d'éviter que la surface inégale n'affecte la stabilité générale du cadre lors de l'installation.

Assemblare su una superficie piana e solida.Per evitare che una superficie irregolare influisca sulla stabilità complessiva della struttura durante l'installazione.

Assembler sur une surface plate et solide. Para evitar que la instalación en una superficie irregular afecte la estabilidad general del marco.

Professional installation is highly recommended. Eine professionelle Installation wird dringend empfohlen. Une installation professionnelle est fortement recommandée. Si raccomanda vivamente l'installazione professionale. Se recomienda altamente la instalación profesional.



Periodically Check That All Components Are Tightly Secured.
Überprüfen Sie Regelmäßig, Dass Alle Komponenten Fest Gesichert Sind.
Vérifiez Périodiquement Que Tous Les Composants Sont Bien Fixés.
Controllare Periodicamente Che Tutti I Componenti Siano Ben Fissati.
Verifique Periódicamente Que Todos Los Componentes Estén Bien Asegurados.



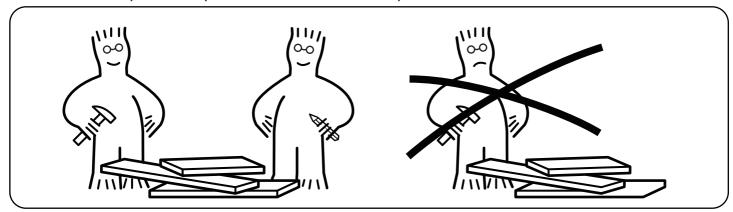
It is recommended that multiple people assemble this product.

Es wird empfohlen, dass mehrere Personen dieses Produkt zusammenbauen.

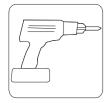
Il est recommandé que plusieurs personnes assemblent ce produit.

Si raccomanda che più persone assemblino questo prodotto.

Se recomienda que varias personas ensamblen este producto.



Please have the following auxiliary tools ready:















#### **IMPORTANT**

The Greenhouse contains parts with sharp edges. Handle with care.

#### **WEATHER**

Do not assemble the greenhouse on a windy day.

#### **USAGE**

This is a hobby greenhouse. Use it as intended only. Do not allow children or pets to play in the greenhouse.

#### **WORKING AREA**

Keep bystanders, kids or pets out of the working area.

## 1. Safety Precautions

Please observe the following safety precautions to avoid malfunctions, damages, and health impairments:

- Do not store flammable liquids (such as petrol, propane, etc.) and do not use open ignition sources (cigarettes, grills, fireplaces, etc.) in or near the greenhouse.
- Before assembly, inquire about any applicable building regulations from the relevant authorities.
- Do not hang objects on the roof.
- The product is not suitable for children or keeping animals.
- Keep small parts and plastic bags out of the reach of children.
- There is a risk of injuries and property damage caused by improperly assembled components.
- The greenhouse should be regularly and thoroughly cleaned with a mild soapy solution. Additionally, ensure that the lower and upper door guides are regularly cleaned of deposits to maintain smooth door operation.
- Please read the assembly instructions attentively and completely before starting the assembly process.
- Sharp edges and corners can cause injuries. Therefore, always wear protective gloves when assembling the profiles and hollow chamber panels.
- The BRAST Aluminum Greenhouse may only be used for cultivation and cultivation of plants. Any other use is not intended and not covered by the manufacturer's warranty.
- If you encounter difficulties during assembly, do not use force, but contact our customer service.
- The greenhouse must always be securely anchored to the ground to prevent injuries from flying parts during storms.

## 2. Intended Use

- This product should only be used on a solid, level surface.
- Do not use power tools to assemble this product.
- Adhering to the instructions is part of the intended use. Any use beyond that (e.g., using force or making unauthorized modifications) may result in hazards and is considered unauthorized use.
- This product is for personal use only and should not be used for commercial purposes.
- Do not use this product if any parts are missing, damaged, or worn out.
- In the event of strong winds or severe weather conditions, we recommend using a greenhouse storm anchor set (not included). Bon Mercato GmbH is not responsible for damages caused by natural forces.
- Remove any snow from the roof immediately.
- Never use abrasive or chemical cleaning agents.

## 3. Scope of Delivery

Unpack all parts and components of the set and place them on the top of the box or another clean surface. Check the scope of delivery for completeness. Any claims for missing items cannot be accepted at a later stage. Please be careful not to scratch the floor while doing so.

Item NO.	Part	Size mm	Quantity	Item NO.	Part	Size mm	Quantity	Item NO.	Part	Size mm	Quantity
11		1489	1X	41		610	1X	11A		625	2X
1J		1489	1X	5D		1220	1X	12A		610	2X
1K		1440	4X	5E		1220	1X	13B		1220	2X
1L		1489	1X	6B		1210	1X	14A		380	2X
1M		1489	1X					15C		1829	4X
2E		1872	1X	7C		594	2X	16A		625	4X
2F		1872	1X	7E		1223	4X	17A		625	2X
3M		1875	1X	7F-1		955	4X	18B		595	4X
3N		1875	1X	7F-2		965	4X	19B		520	8X
3L		1440	10X	7K		625	24X	20B		595	4X
31		1469	10X	7L		1522	8X	21A		603	6X
3K-1		1830	1X	7M		1522	4X				
				7P		430	1X				
3K-3		460	1X	8D		1840	2X				
4E		1830	2X	8E		1840	2X				
4F		1830	2X	9C		1830	2X				
4H		1830	1X	10A		635	4X				

Item NO.	Part	Size mm	Quantity
2			2X
3		M6*40	34X
4			2X
5	<b>6</b>	M6*10	303X
6	<b>E</b> MINIMO	M3*20	32X
7		M3*10	24X
8			4X
9			2X
10			2X
13			4X
14			293X
15			4X
16			8X
17			109X
18			2X

Item NO.	Part	Size mm	Quantity
19			4X
20	00000		2X
21	00000		1X
22	000		4X
23	69		4X
24	9		15X
25			8X
26	0 0		4X
27		20*300	2X
27-1		1830	4X
27-2		1220	4X
28			4X
29			19X
30			4X
31			21X
32	8. B.		4X

Item NO.	Part	Size mm	Quantity
33			10X
34	6000		1X
35			303X

K4		603* 1435	18X
X4		603* 440	4X
E4		595* 550	4X
C4	1 1	620* 470	2X
14	1 1	620* 600	4X

Y4	1 1	603* 1475	8X
W4	1 1	603* 935	4X
U4		603* 848	2X
N4		1215* 400	1X

4 Assembly

4.1 Important general assembly instructions

## 4.1.1 Precision fit

All parts are machined to fit perfectly together.

To ensure that all parts fit together during assembly, it is very important that you tighten the screws of the aluminum scaffolding only after you have finished installing the hollow chamber panels. Before that, please only loosely tighten all screws during assembly. The holes in the aluminum profiles are oval-shaped so that all parts of the aluminum scaffolding can be adjusted if necessary, after you have installed all hollow chamber panels. Only then, please tighten all screws firmly!

## 4.1.2 Assembly

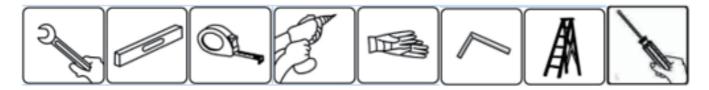
Location Choose a sunny location that is as sheltered from the wind as possible. Due to climate change, increasingly strong gusts of wind are being observed, exceeding the wind strength tested by TÜV. Due to the size of the product, we recommend that it be installed where it will be used.

## 4.1.3 Number of Required Persons

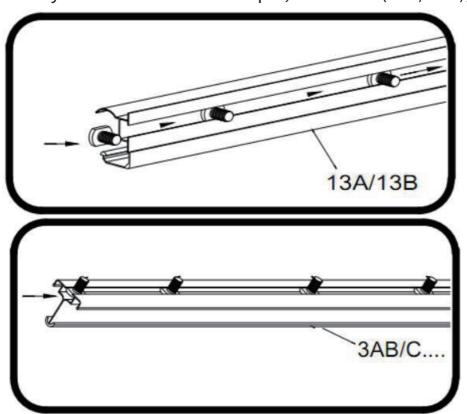
Three people are required for a swift, professional, and correct assembly of your BRAST aluminum greenhouse. Make sure you have the right tools at hand and plenty of space, as well as a clean, dry place for assembly. Keep small children away during assembly. Caution: risk of injury! Take enough time for the assembly and do not interrupt it once you have started. A partially assembled greenhouse could be damaged or destroyed due to weather conditions. Please carefully follow all assembly steps (Please note that the following illustrations are not to scale).

## 4.1.4 Required Tools

Prior to beginning the installation, please ensure that you have the following tools on hand and use them: 10mm wrench, spirit level, tape measure, power drill, protective gloves, angle tool, step ladder, Phillips screwdriver.

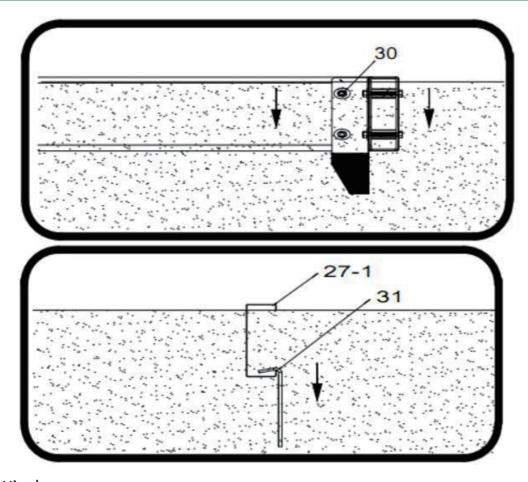


- 4.2 Tips and Tricks for Each Assembly Unit
- 4.2.1 Screws Please use exactly the type and quantity of screws as described in the assembly instructions. For example, Profile 13 (13A/13B); 3A/3B/3C.



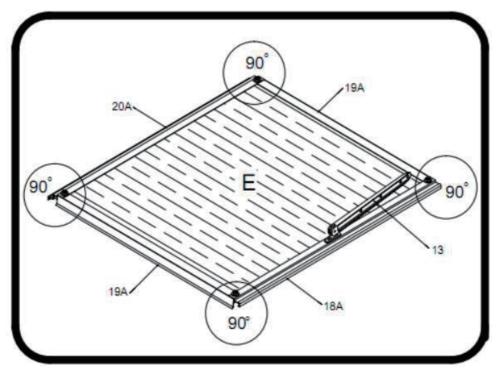
#### 4.2.2 Foundation

The BRAST aluminum greenhouse is equipped with a galvanized steel foundation that needs to be horizontally and securely fixed. It is best to anchor the feet in concrete in the ground and lay the rest of the foundation on top of concrete, or at least on solid ground. Please use a spirit level to ensure that the foundation is level and square.



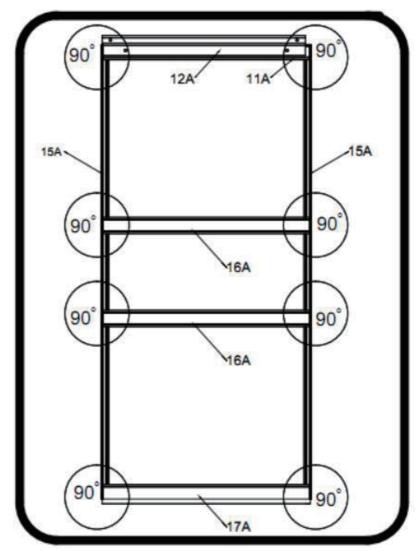
## 4.2.3 Windows

Make sure to push on all 4 side profiles and then tighten the screws. Use an angle tool to ensure that the window is mounted at a 90-degree angle.

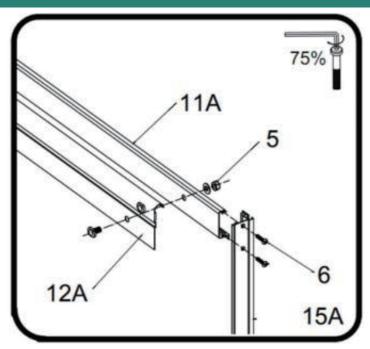


#### 4.2.4 Door

When assembling the door, self-tapping screws are used. Be sure to screw in the screws at the correct angle to avoid damaging the profile. After the door is mounted, please ensure that the 4-side profile is square and level before tightening the screws to 100%.



As stated in the user manual, do not tighten the screws between Profile 11A and 12A completely, but only up to 75%. In the final assembly step, please adjust the gap between the door and the house so that the door can open and close properly. Only then tighten the screws.



## 4.2.5 Front and Rear Panel

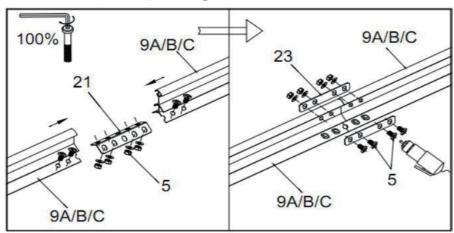
Tighten the screws of the front and rear panel only up to 75% first. Tighten them to 100% once all the polycarbonate panels have been properly adjusted.

## 4.2.6 Side Panels

Tighten the screws to 100% and make sure that aluminum profiles 8 and 4 are straight. Three people are required to assemble the 4 walls and the roof.

#### 4.2.7 Roof

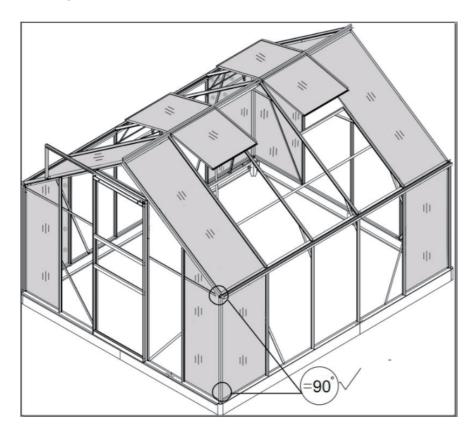
The roof profile 9 (9A, 9B) must be pre-installed with the necessary screws. Please ensure that these screws are tightened to 100% and that the connection is completely straight and horizontal. Please use a power drill. Also, make sure that the gutter is completely straight and horizontal.



## 4.2.8 Installation of Polycarbonate Panels

Please note that the aluminum frame structure (made possible by the loosely tightened screws, indicated by the 75% symbol in the assembly instructions) can and should be adjusted to fit the polycarbonate panels. Under no circumstances should you try to adapt the polycarbonate panels to the frame structure. This can lead to the panels breaking. Only tighten the screws once the polycarbonate panels are installed and adjusted.

Very important: Please install the polycarbonate panels as shown below in the respective corners of the greenhouse. This is crucial for the stability and squareness of the entire greenhouse and facilitates the installation and adjustment of the remaining polycarbonate panels.



When assembling the polycarbonate panels, it is important to ensure that the UV-protected side faces outward, thus protecting the panels from sunlight and preventing them from becoming porous. You can identify the UV-protected outer side of the panels by the white film, while the inner side has a transparent film. Both films should be peeled off during installation.

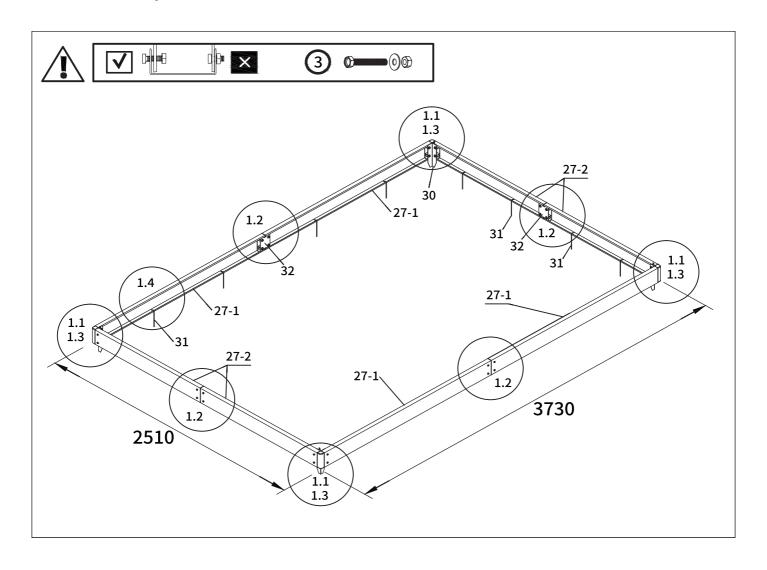
#### 4.3 Foundation Installation

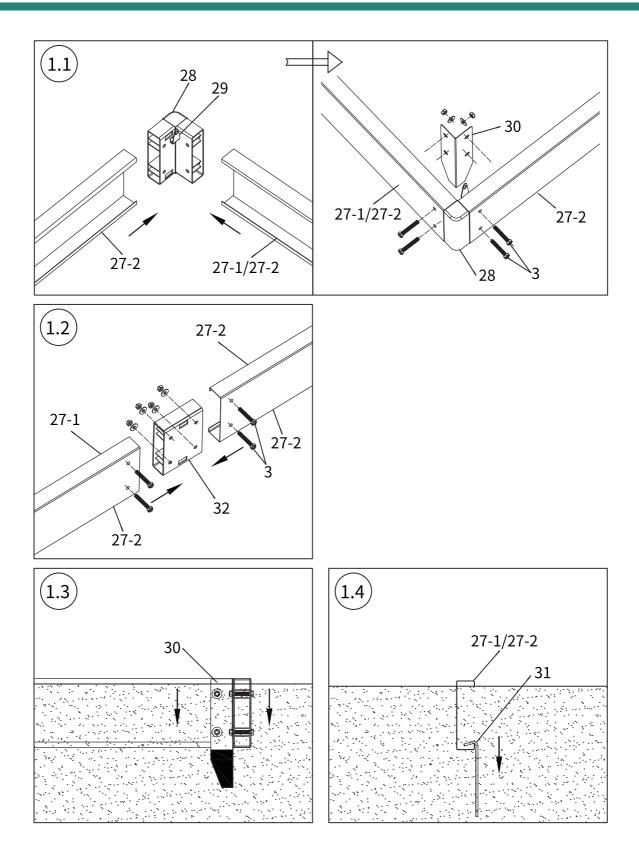
Prior to erecting the greenhouse, a suitable foundation must be prepared (included in the delivery). The ground must be firm and level. The greenhouse will only stand permanently and stably if it is precisely aligned both vertically and horizontally using a spirit level. Even slight tilting walls will prevent them from being properly held in the intended guides and can easily be lifted out of the fastenings by the wind. The greenhouse must be securely anchored either by firmly fixing the feet of the foundation frame in the ground or in concrete. The large surface area of the greenhouse provides a significant wind target, which can result in serious injuries and/or property damage.

## 4.3.1 Required Parts

27-1	1830	4X	27-2		1220	4X
28		4X	30	0 0		4X
31		21X	32			4X
3	M6*40	32X	29			4X
4	3	2X				

# 4.3.2 Assembly





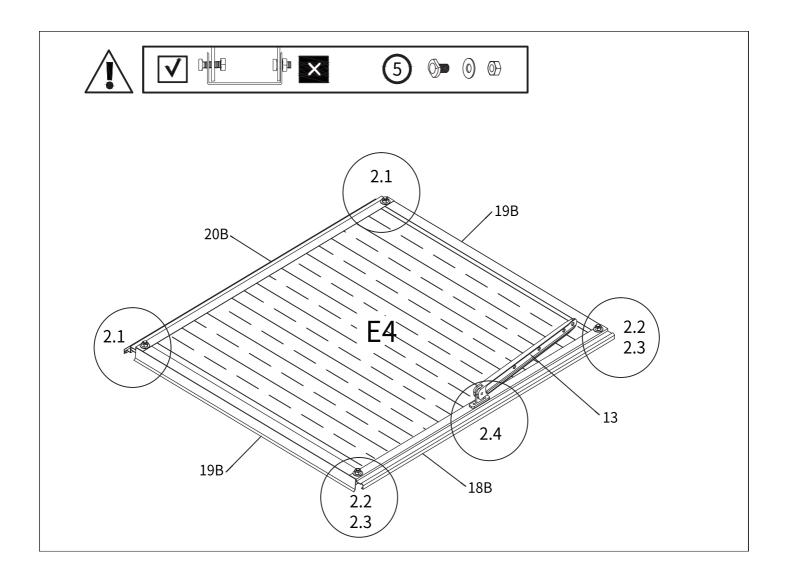
Caution: Securely anchor the foundation frame in the ground or in concrete!

# 4.4 Installation of the roof windows

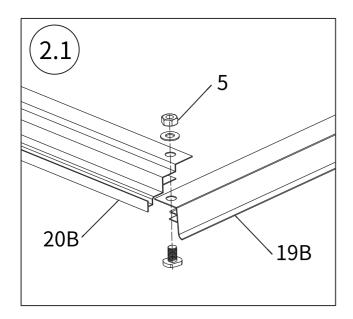
# 4.4.1 Required Parts

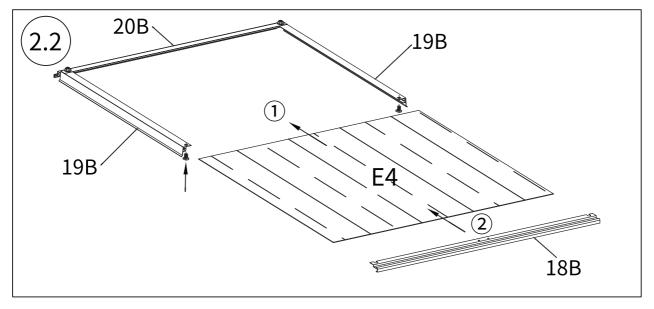
18B		595	4X	19B	520	8X
20B		595	4X	13		4X
E4		595*550	4X	5	M6*10	16X
7		M3*10	8X	6		2X

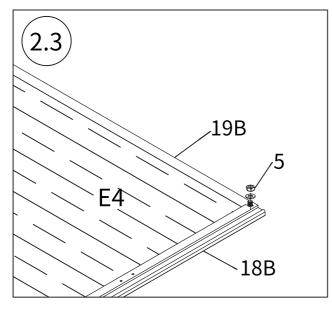
## 4.4.2 Assembly

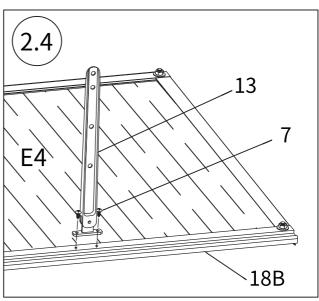


Assemble the roof windows and set them aside for later use. The number of roof windows may vary depending on the model.







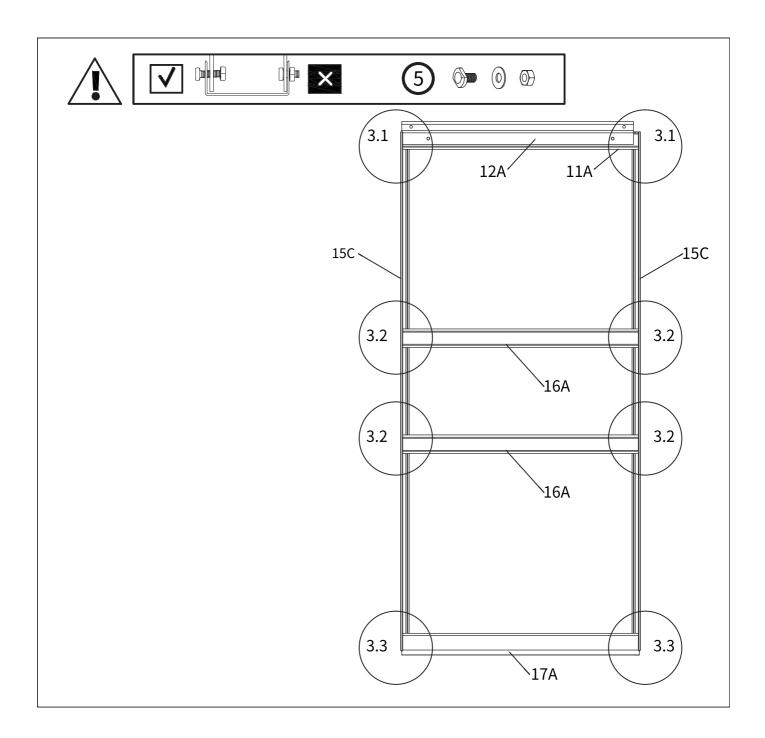


## 4.5 Installation of the door

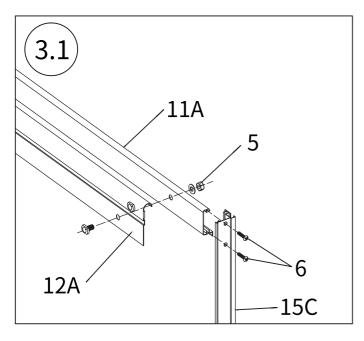
# 4.5.1 Required Parts

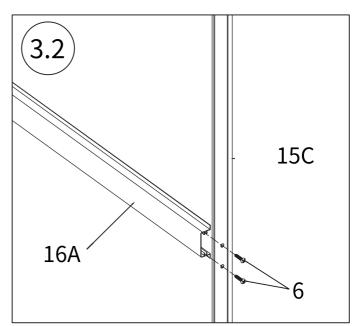
11A	625	2X	12A	610	2X
15C	1829	4X	16A	625	4X
17A	625	2X	5	M6*10	4X
6	M3*20	32X	4		2X

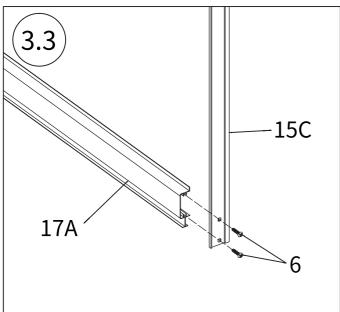
## 4.5.2 Assembly



Assemble the door and set it aside for later use. Ensure that the door is 100% perpendicular by using an angle and measuring the diagonals. Please note that at this stage, you do not need to insert hollow chamber panels.





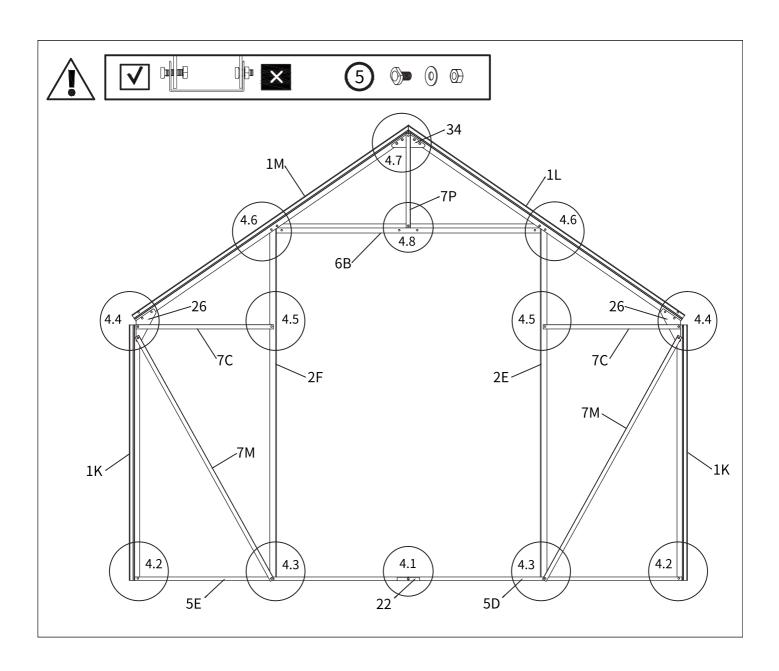


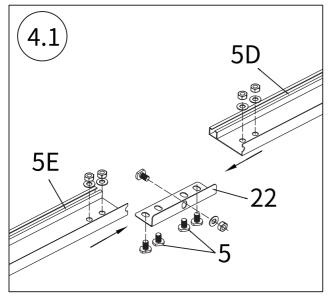
# 4.6 Assembly of the front wall with door opening

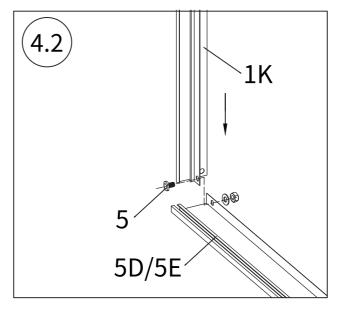
# 4.6.1 Required parts

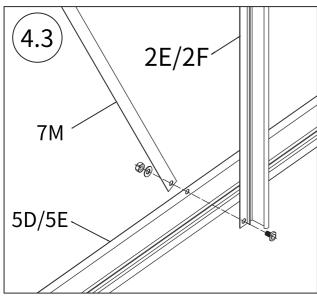
1K		1440	2X	1L	1489	1X
1M		1489	1X	2E	1872	1X
2F		1872	1X	5D	1220	1X
5E		1220	1X	6B	1210	1X
7C		594	2X	7M	1522	2X
7P		430	1X	22		1X
26	0 0 0		2X	34		1X
5		M6*10	29X	4	S	2X

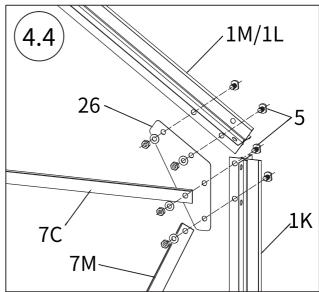
# 4.6.2 Assembly

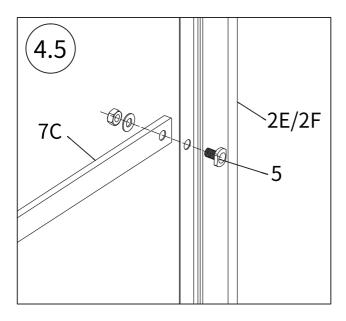


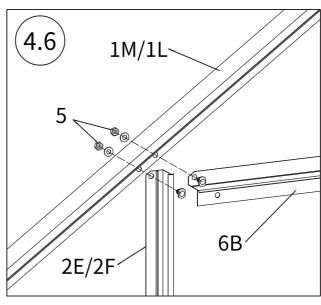


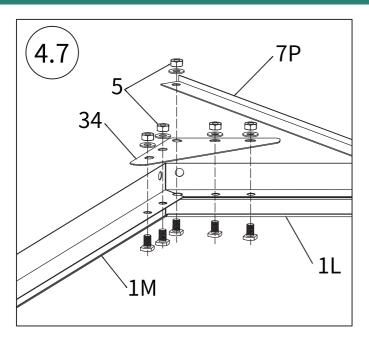


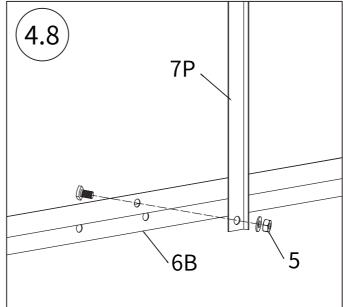




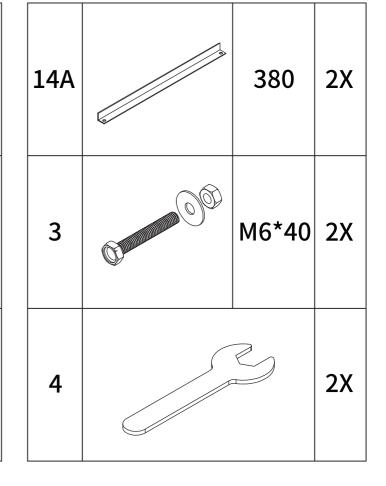




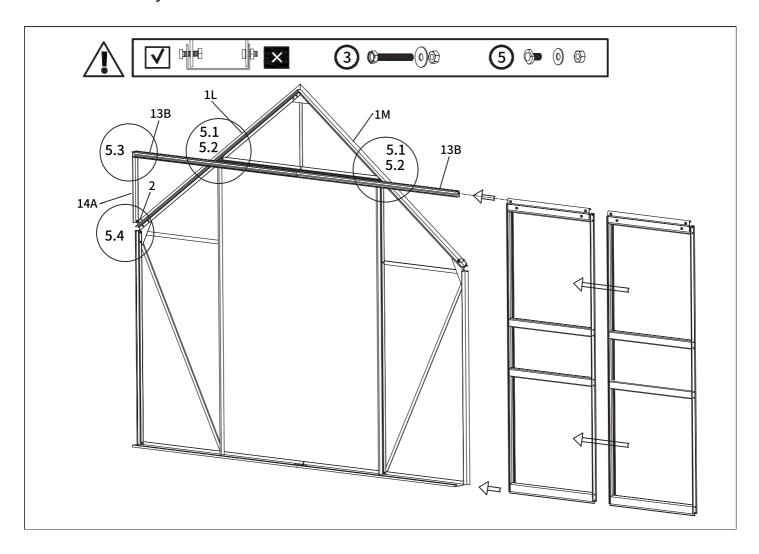


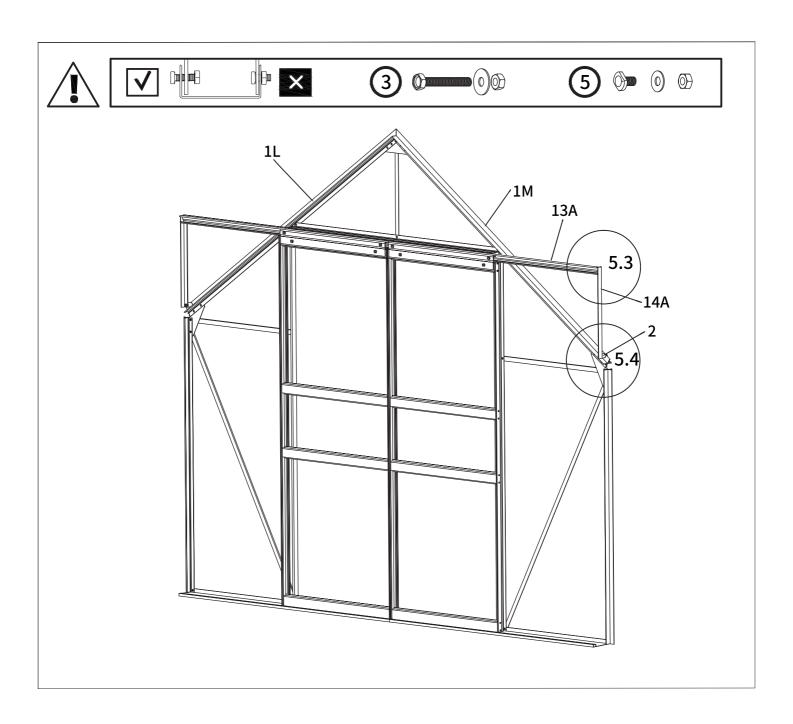


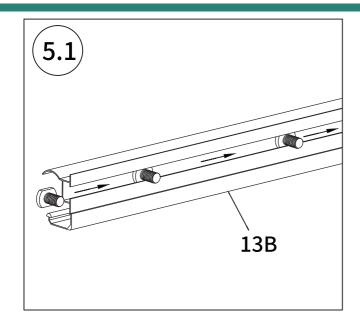
13B	1220	2X
2		2X
5	M6*10	6X

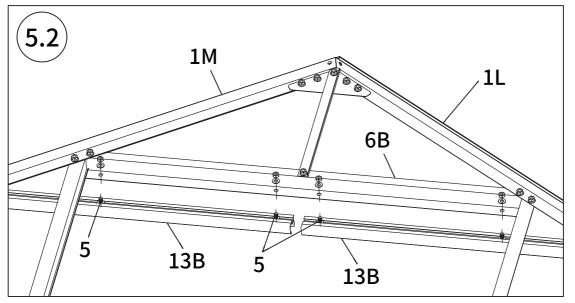


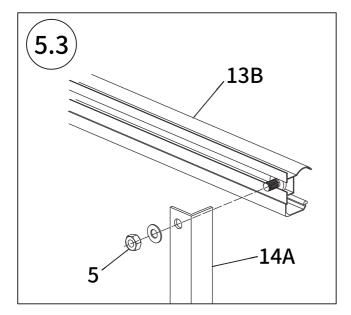
# 4.7.2 Assembly

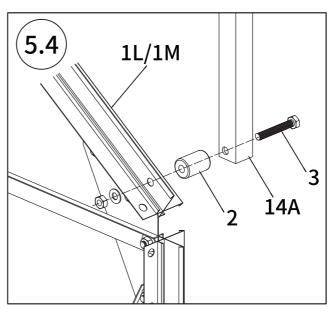










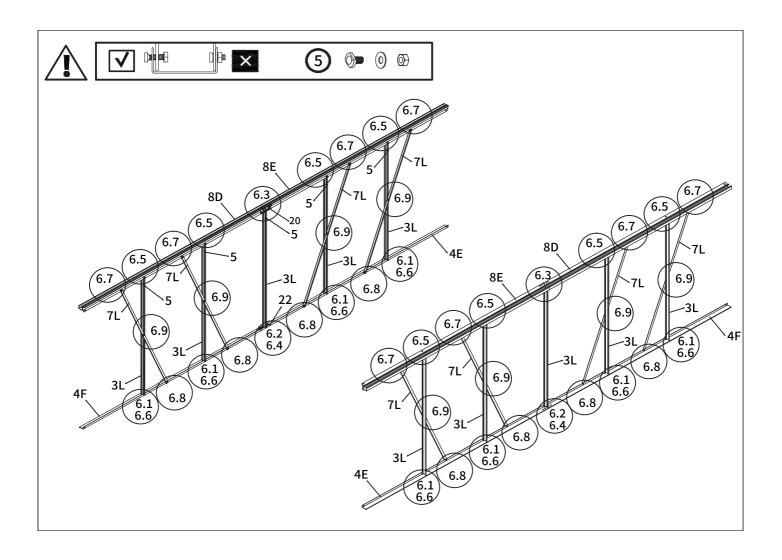


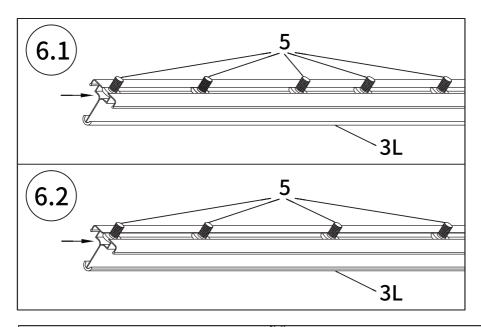
# 4.8 Assembly of the side walls.

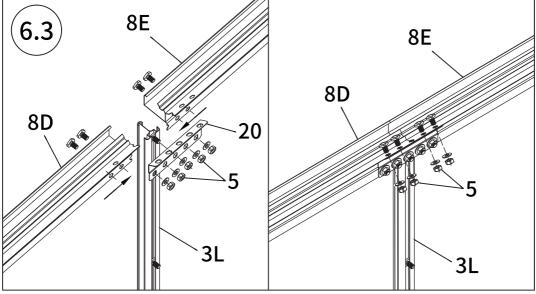
# 4.8.1 Required parts

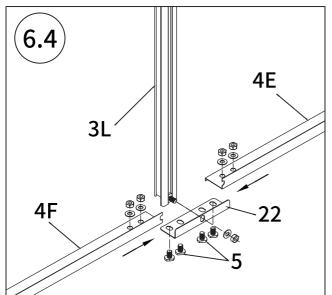
3L		1440	10X	4E	1830	2X
4F		1830	2X	7L	1522	8X
8D		1830	2X	8E	1830	2X
20	00000		2X	22		2X
5		M6*10	90	4		2X

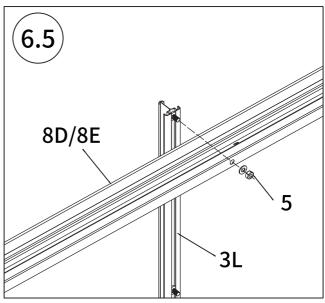
## 4.8.2 Assembly

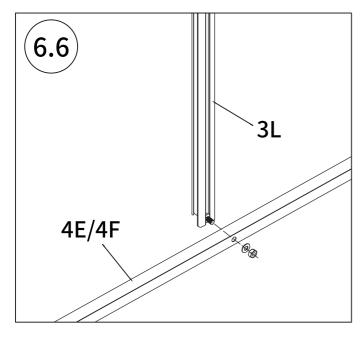


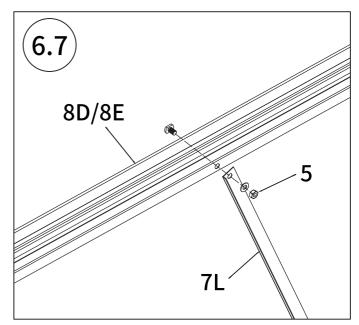


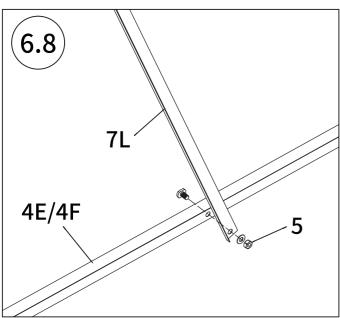


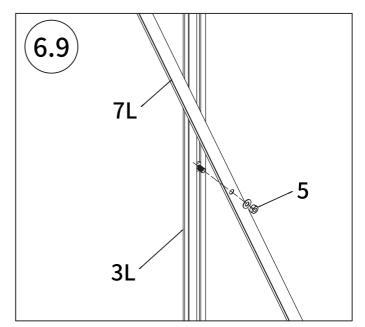












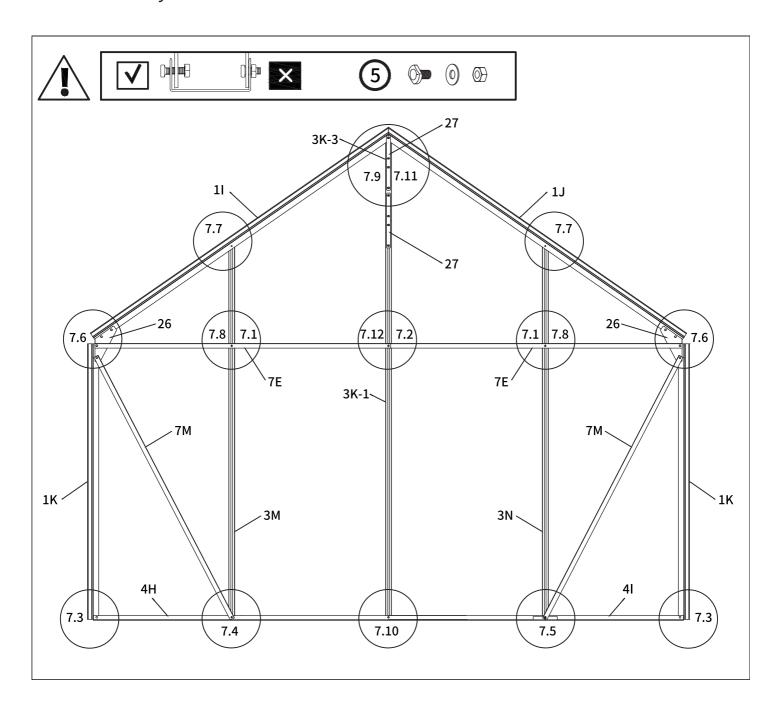
# 4.9 Assembly of the back side.

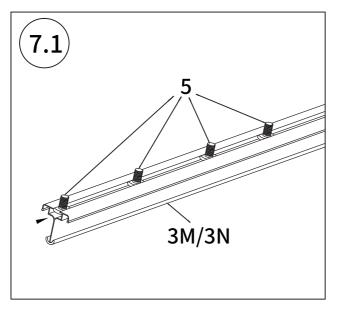
# 4.9.1 Required parts

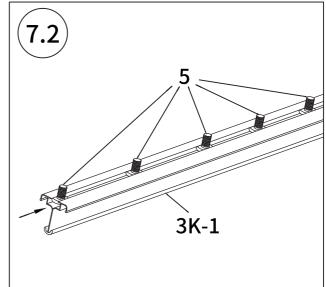
1K	1440	2X
1J	1480	1X
3N	1875	1X
3K-3	460	1X
41	610	1X
7M	1522	2X
23		2X
27	20*300	2X

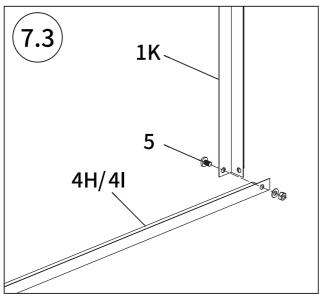
11		1480	1X
3M		1875	1X
3K-1		1830	1X
4H		1830	1X
7E		1223	2X
22			1X
26	0 0		2X
5		M6*10	37X
4		3	2X

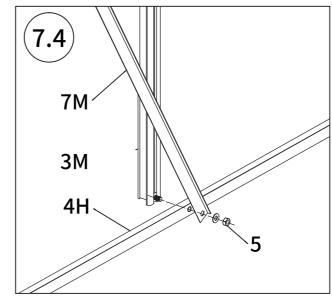
## 4.9.2 Assembly

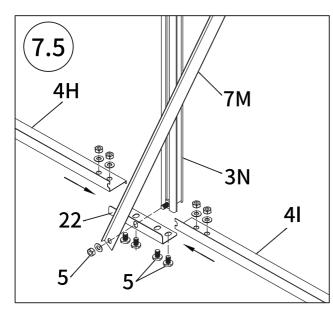


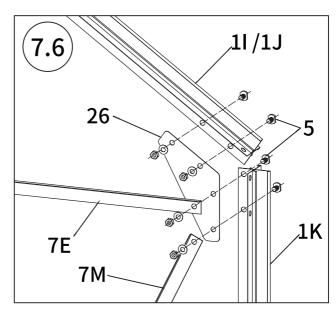


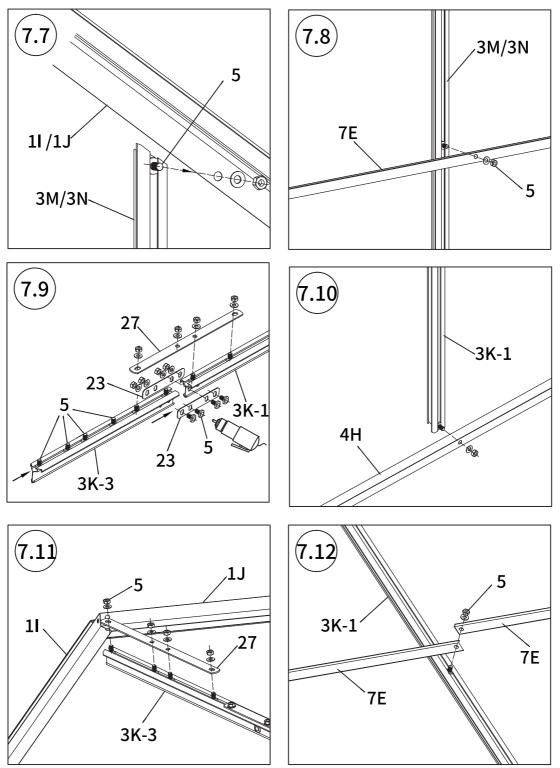












Assemble the back wall and set it aside for future use. Please note that in this step, you do not need to insert any hollow chamber panels yet.

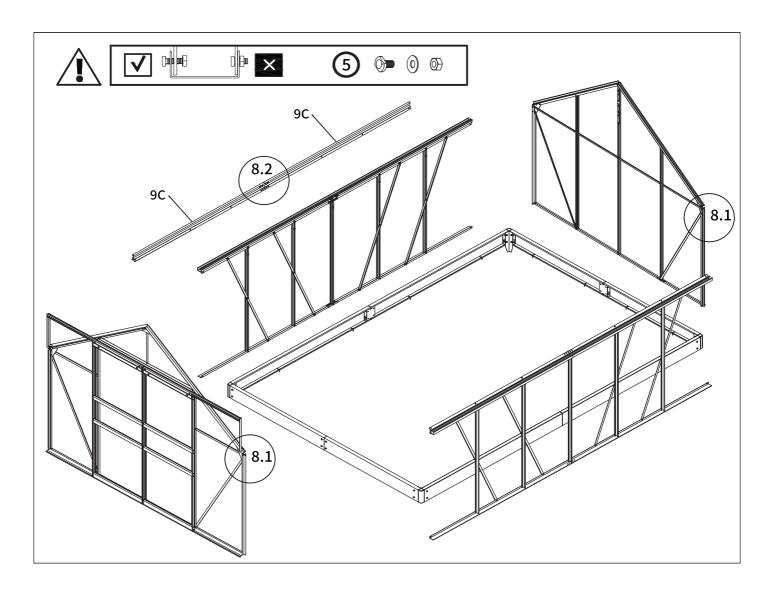
Attention: To mount the mounting plates 23 in Figure 7.9, four 6mm holes need to be pre-drilled into the 2 aluminum profiles 3K-1 and 3K-3 using a cordless screwdriver or drill. Place the mounting plates 23 at the desired position on the profiles 3K-1 and 3K-3 and mark the hole positions on the profiles. Then proceed to drill the 6mm holes. Attach the mounting plates 23 to the profiles 3K-1 and 3K-3 using screws and nuts.

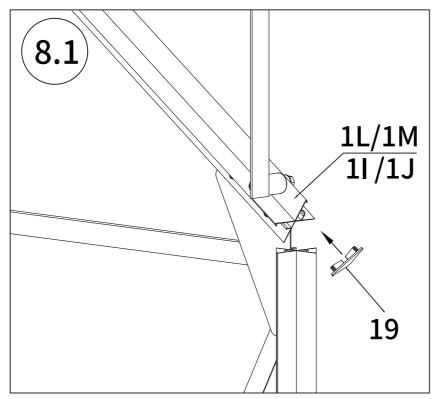
# 4.10 Final assembly of the scaffold.

## 4.10.1 Step 1 of the assembly requires the following parts.

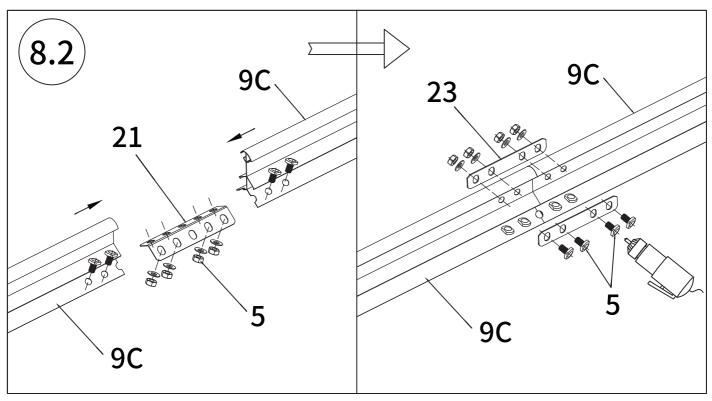
9C		1830	2X	19	4X
21	00000		1X	23	2X
5		M6*10	12X	4	2X

# 4.10.2 Assembly step 1

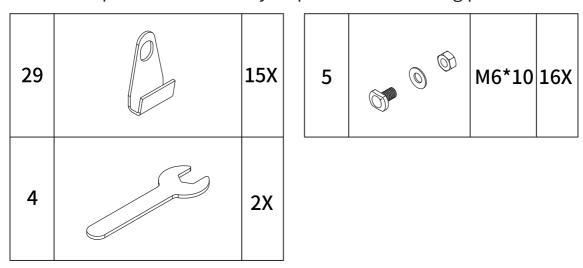




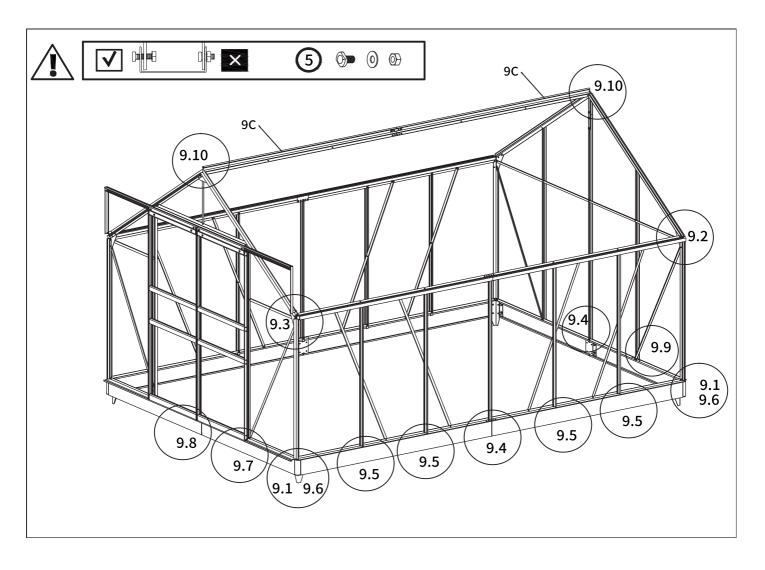
Attention: To mount the fastening plates 23 in the right image 8.2, 4 holes with a diameter of 6mm need to be pre-drilled into the 2 roof gable profiles 9C using a cordless drill or a drilling machine. Place the fastening plates 23 at the desired position on the roof gable 9C, mark the hole positions on the profiles, and then drill the 6mm holes. Finally, attach the fastening plates 23 to the roof gable 9B and 9C using screws and nuts 5.

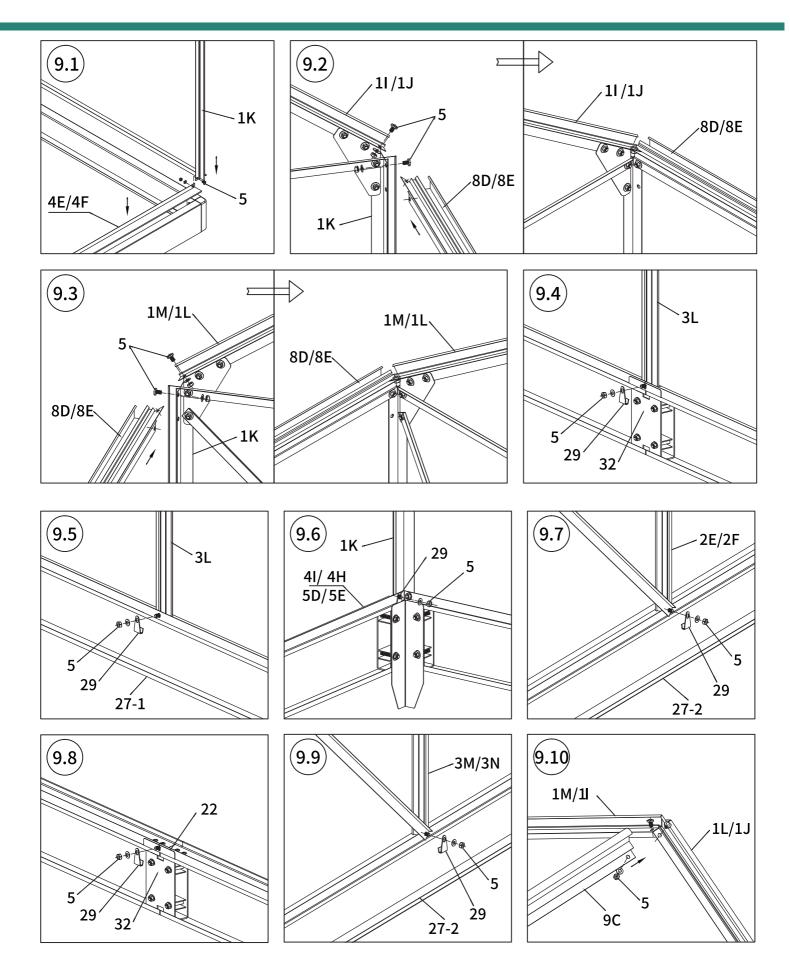


## 4.10.3 Step 2 of the assembly requires the following parts.



#### 4.10.4 Assembly step 2

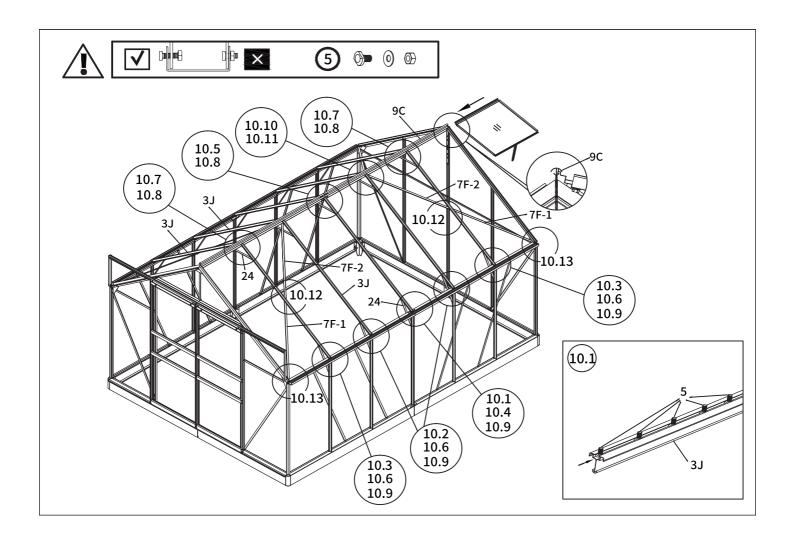


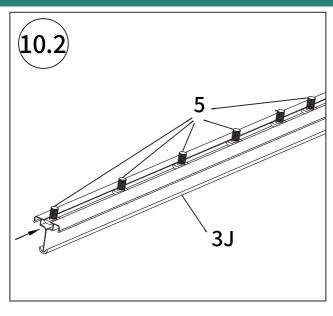


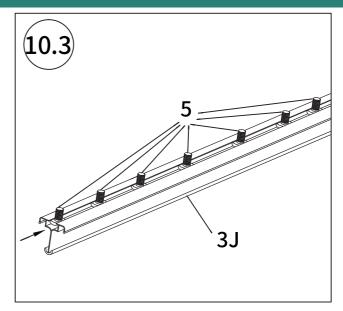
4.10.5 Step 3 of the assembly requires the following parts.

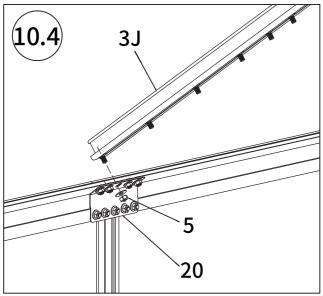
3J	1469	10X	7F-1	955	4X
7F-2	965	4X	24	<u>J</u>	15X
5	M6*10	62X	4		2X

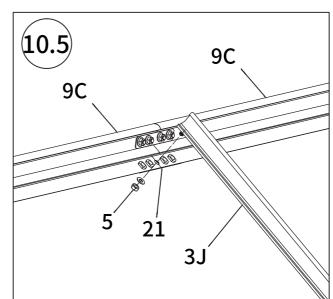
#### 4.10.6 Assembly step 3

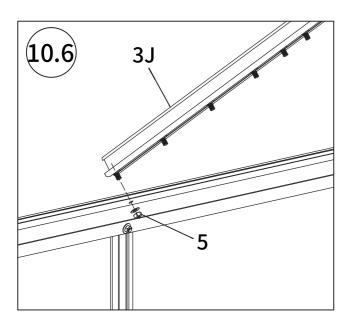


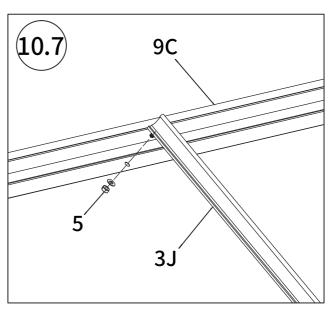


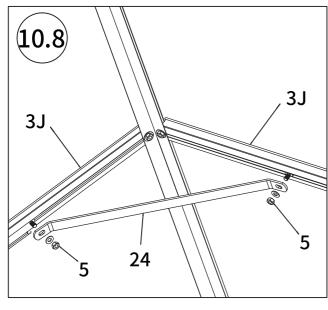


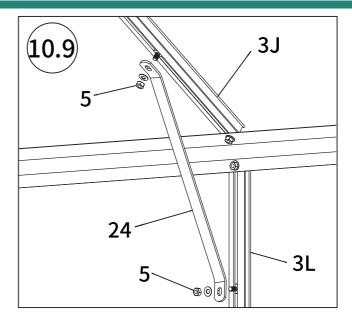


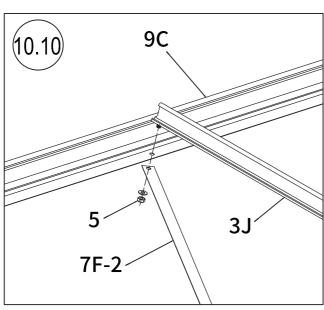


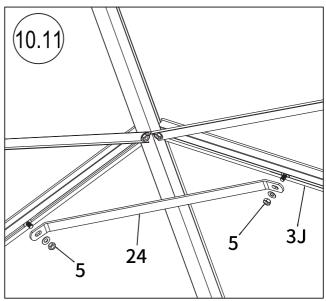


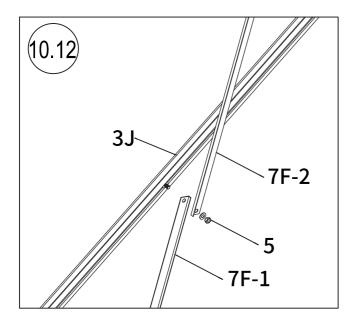


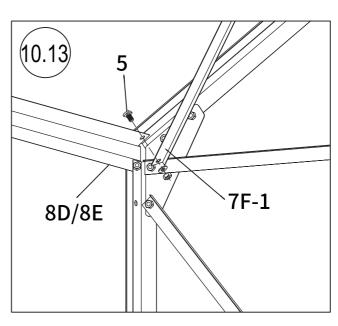








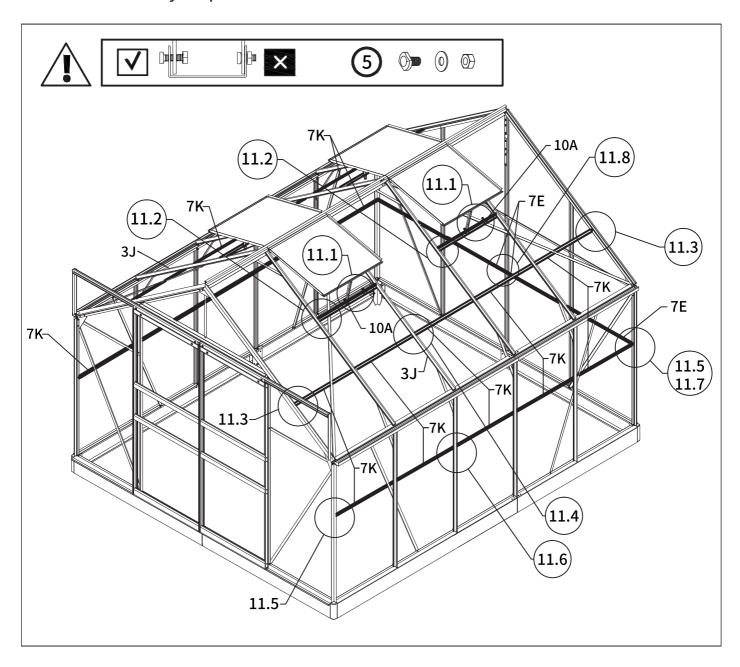


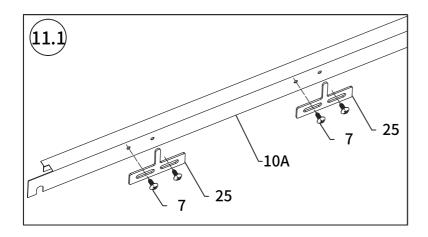


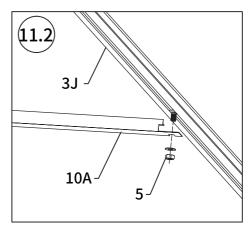
4.10.7 Step 4 of the assembly requires the following parts.

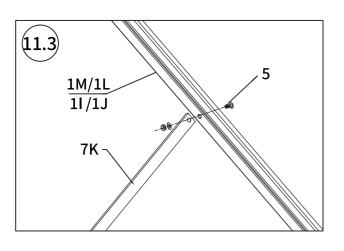
7E	1223	2X	7K	625	20X
10A	635	4X	25		8X
7	M3*10	16X	5	M6*10	10X
4	3	1X			

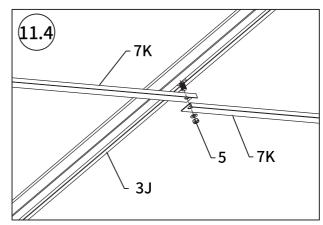
### 4.10.8 Assembly step 4

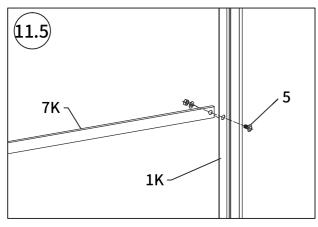


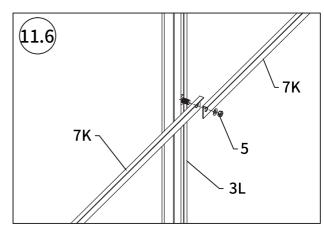


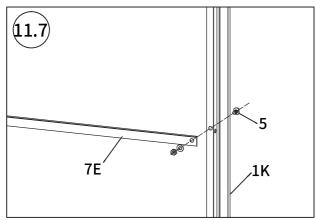


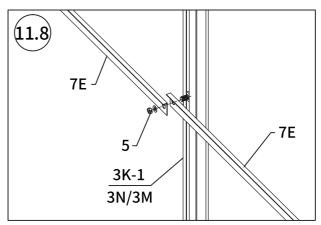










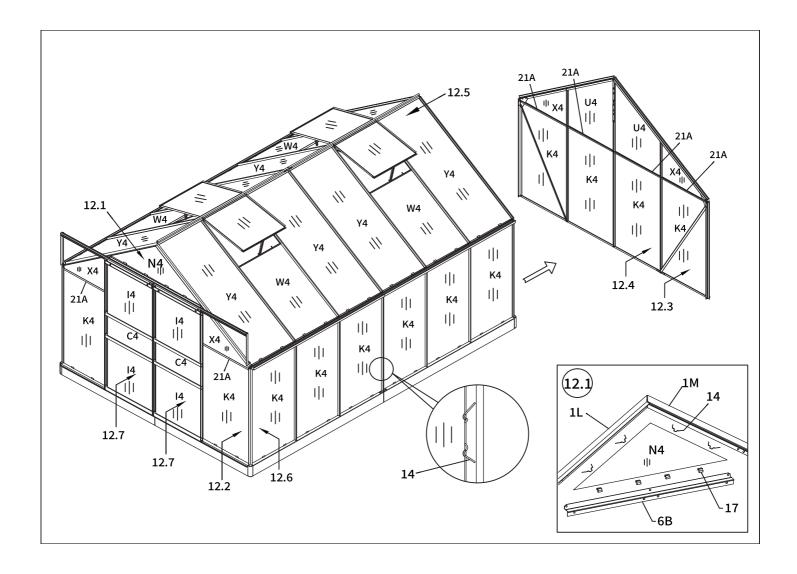


## 4.11 Insertion of the hollow chamber panels.

## 4.11.1 Required parts

K4	= =	603* 1435	18X	Y4	= =	603* 1475	8X
X4		603* 440	4X	W4	1 1	603* 935	4X
U4		603* 848	2X	C4	1 1	620* 470	2X
N4		1215* 400	1X	14	1 1	620* 600	4X
14			293	17			90
21A		603	6X				

## 4.11.2 Assembly



At this step, you should use a ladder for assistance.

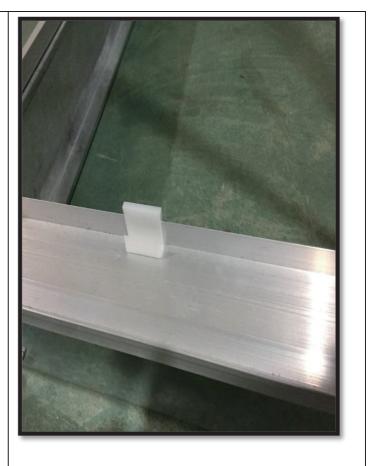
Attach the hollow chamber panels with staples 14 and 17.

Attaching the hollow chamber panels with staples 14:

- 1. Place the two ends of the clip into the groove of the frame.
- 2. Position the middle section of the clip against the hollow chamber panel.

Two edges of the clip are under the edge of the hollow chamber panel, and the middle edge holds the panel in place.

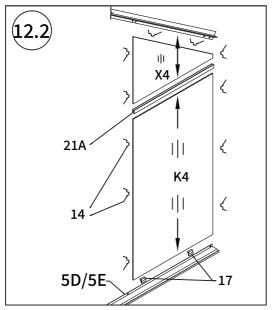


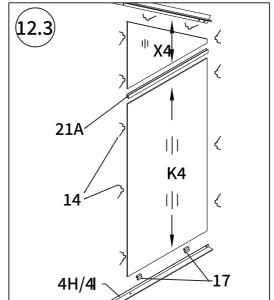


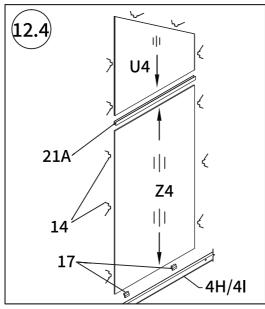


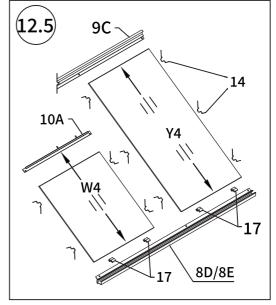
### **Safety Precaution:**

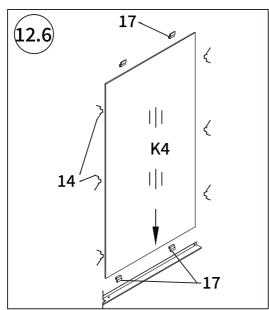
Please be sure to install the wind clips and fastening clips by strictly following the instructions. The manufacturer will not be liable for any damage or loss resulting from improper installation that causes reduced wind resistance or the PC panels to fall off.

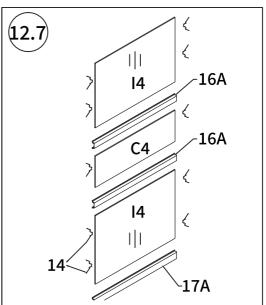










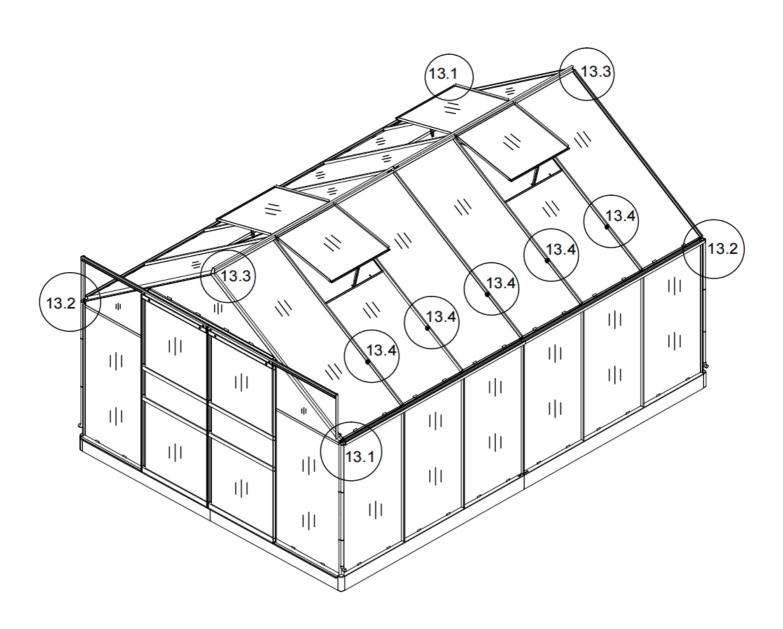


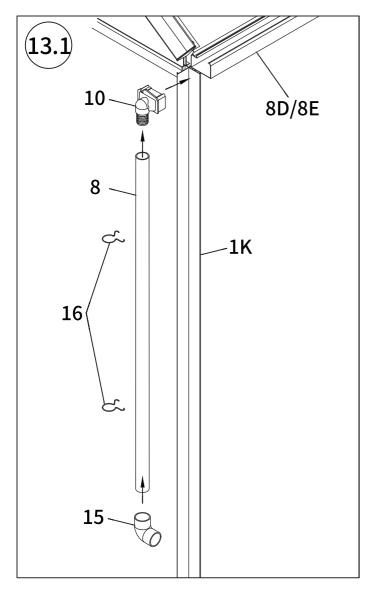
# 4.12 Installing the rain gutter.

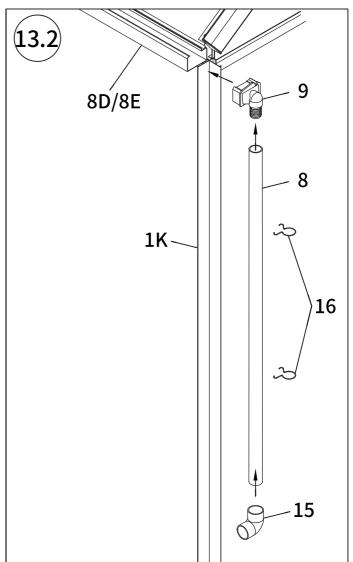
## 4.12.1 Required parts

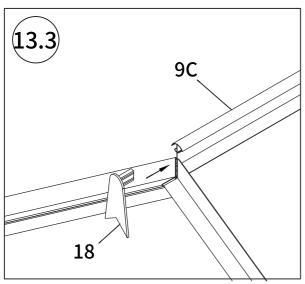
8	4X	9	2X
10	2X	15	4X
16	8X	18	2X
33	10X	35	303

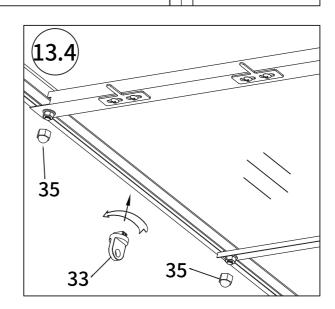
### 4.12.2 Assembly





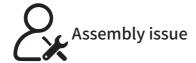






# **HELP CENTER**







Missing parts

If you encounter any difficulties during assembly, please contact us. Wenn Sie während der Montage auf Schwierigkeiten stoßen, kontaktieren Sie uns bitte. Si vous rencontrez des difficultés lors du montage, veuillez nous contacter. Se incontri difficoltà durante il montaggio, ti preghiamo di contattarci. Si encuentras alguna dificultad durante el ensamblaje, por favor contáctanos.

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