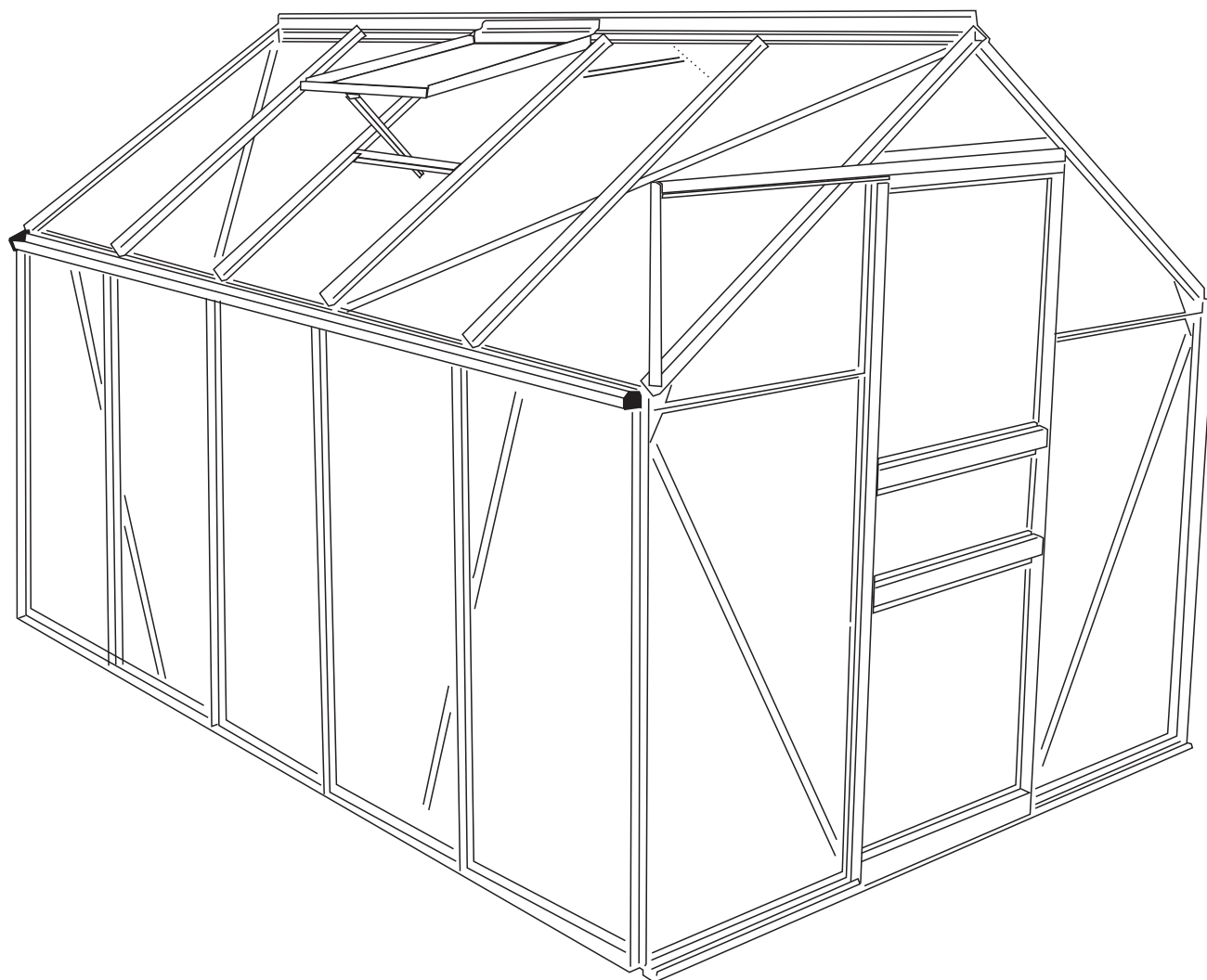
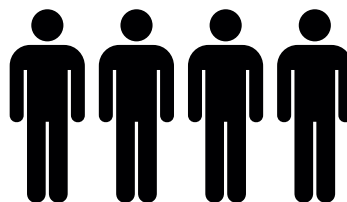




"IMPORTANT, RETAIN FOR FUTURE REFERENCE: READ CAREFULLY"

Recommended tools for assembly:

- 4 people
- wrench
- screwdriver



Notes:

Please read this instruction carefully and keep it for later reference. Each assembly step will be detailed explained below. Refer to the enlarged illustration to determine the precise arrangement of the components.

Attention:

A foundation is not included in the delivery.
Adequate fastening must be ensured by the customer!
A suitable foundation is available as an optional accessory.
Instructions for self-construction can also be found on page 6.



Please wear gloves during assembly.
The corners and edges of the components may be sharp and hard.
Proceed with caution to avoid injuries.
Take your time for the assembly and plan sufficient breaks.
The assembly will take some time and requires a methodical approach.
Store the greenhouse in a dry and frost-free place when not in use.
The twin-wall polycarbonate panels should not be pressed or bent.
Keep all components away from sources of fire and sparks!

Before assembly:

Find a solid and level surface as the base before starting the assembly.

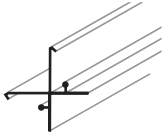
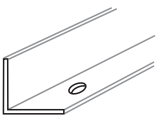
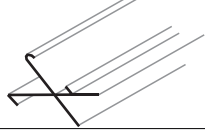
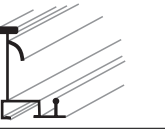
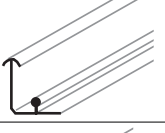
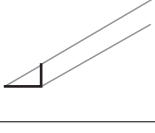
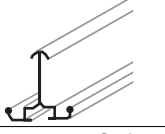
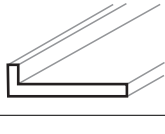
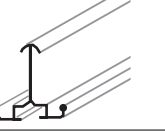
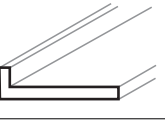
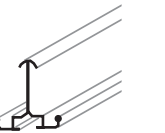
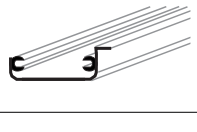
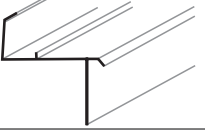
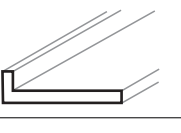
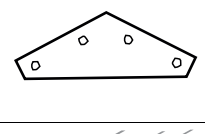
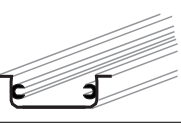
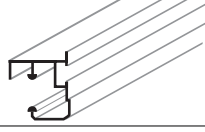
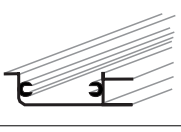
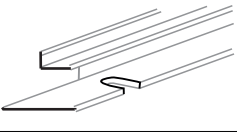
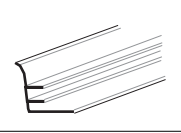
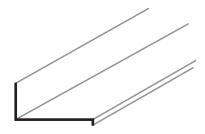
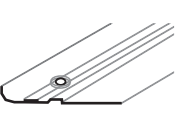
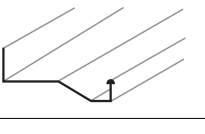
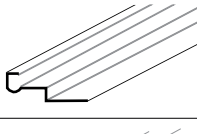
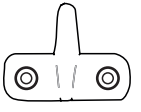
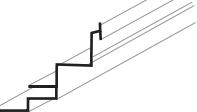
Read the assembly instructions carefully before assembly and follow each step precisely.

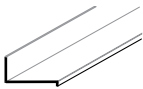
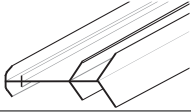
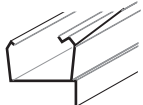
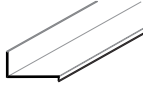
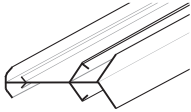
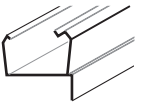
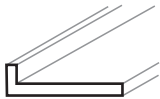
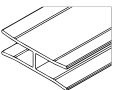
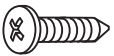
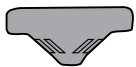
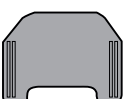
Check all supplied parts for completeness and integrity.

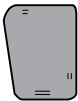
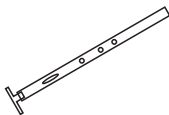
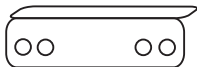
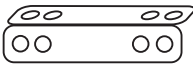
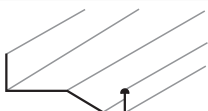
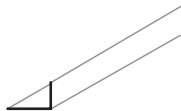
Gather all greenhouse parts and the required tools (not included in the delivery) before assembly.

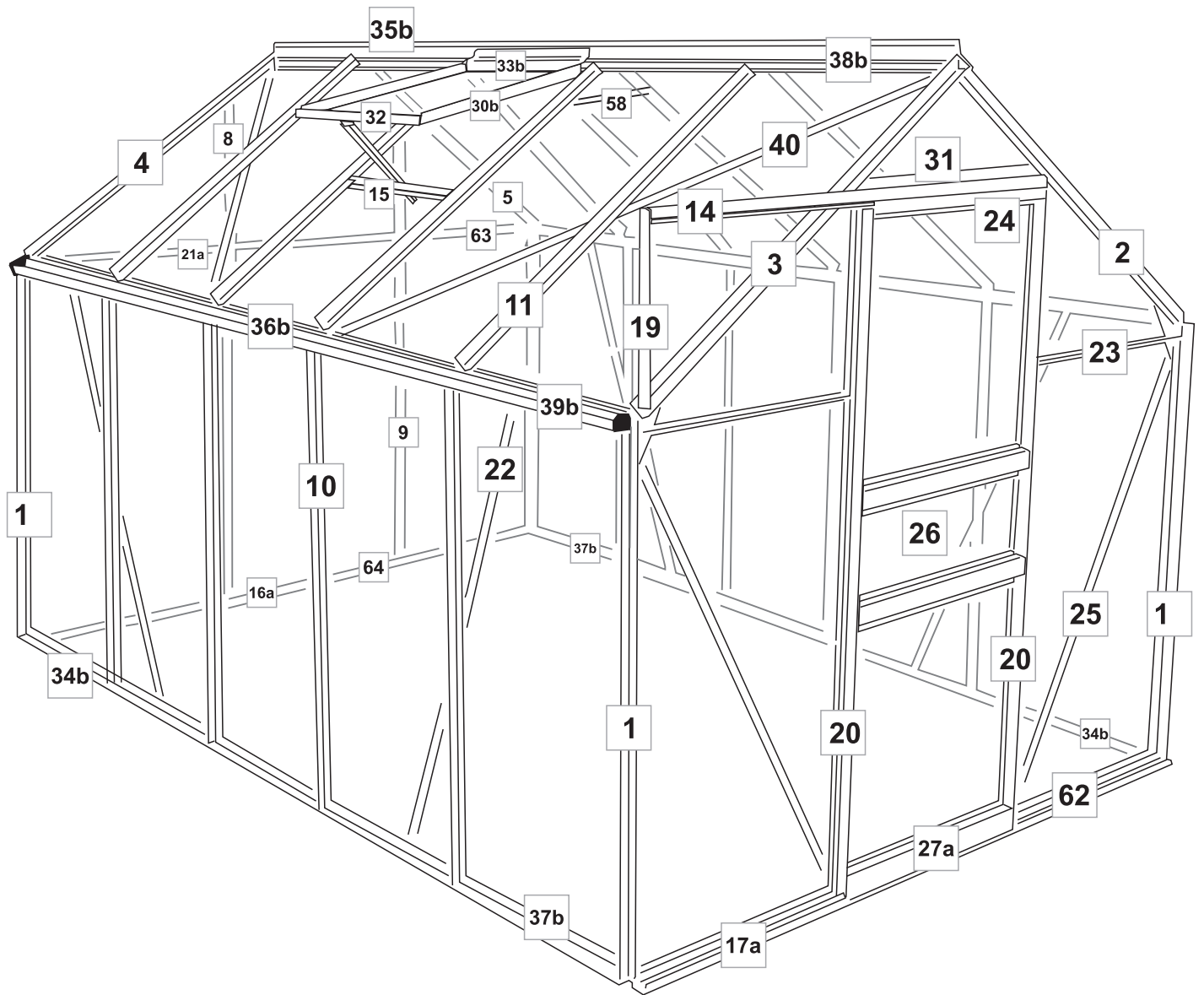
Only set up the greenhouse in dry weather.
Never assemble in strong winds or poor weather conditions!

The assembly requires multiple persons.

Item NO.	Quantity	Part	Size mm	Item NO.	Quantity	Part	Size mm
1	4		1214	19	1		380
2	1		1132	20	2		1586
3	1						
4	1						
5	1						
6	1		1639	21a	1		1235
7	1						
8	1		1665	22	4		1302
9	1						
10	8		1214	23	2		595
11	8		1115	24	1		616
12	1		618	25	2		1292
13	4			26	2		616
14	1		1255	27a	1		616
15	2		635	30	4		522
16a	1		1310	31	1		609
17a	1		1310	32	2		595
18	4			33	2		598

Item NO.	Quantity	Part	Size mm
34b	2		1555
35b	1		1525
36b	2		1532
37b	2		1555
38b	1		1525
39b	2		1532
40	4		1640
41	5		605
42	1		M6
43	154		M6x10
44	16		M4.5x19
45	12		M4x7.5
46	166		
47	8		
48	4		

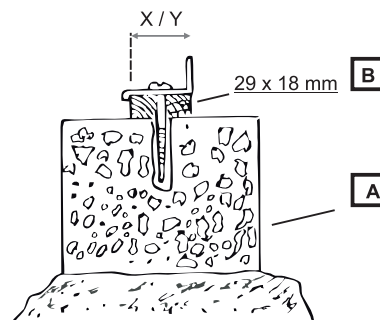
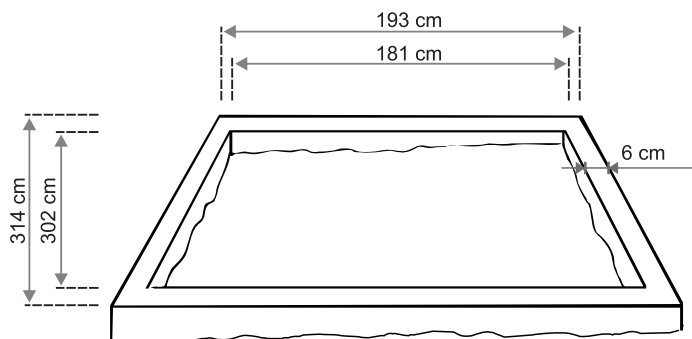
Item NO.	Quantity	Part	Size mm
49	1		
50	1		
51	2		
52	155		M6
53	1		M6 x 30
54	3		
55	2		
56	1		
57	1		
58	2		400
62	1		580
63	1		625
64	1		580



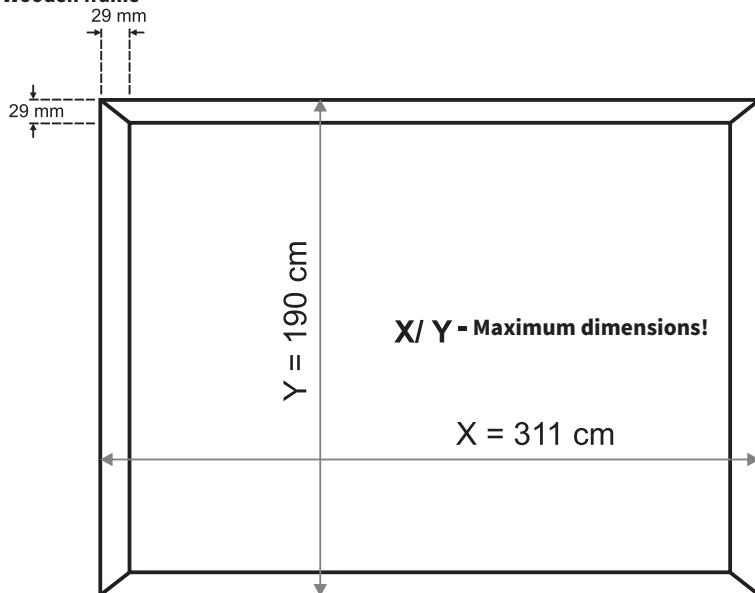
Foundation, Self-Construction Guidelines, and Fastening

Adequate fastening must be ensured by the customer!
Information: A foundation is not included in the delivery.
A suitable foundation is available as an optional accessory.
The following details serve as an example and help for building a foundation using stone or concrete with a wooden frame.
The foundation layout must be rectangular and level.
Please consider the following dimensions:

A Concrete/stone foundation:

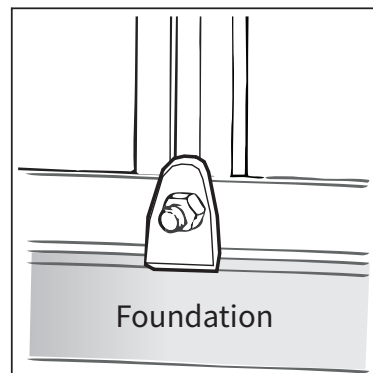
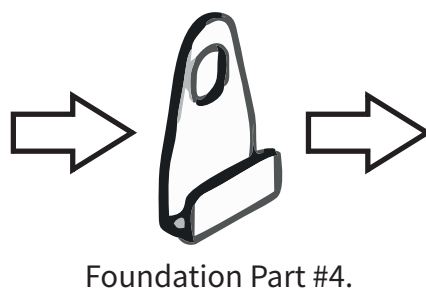
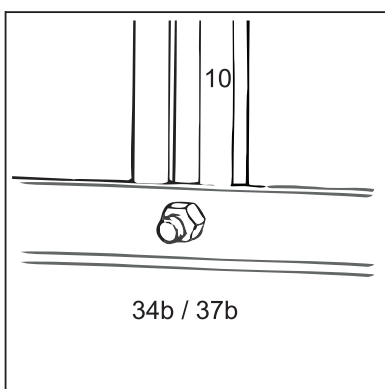


B Wooden frame



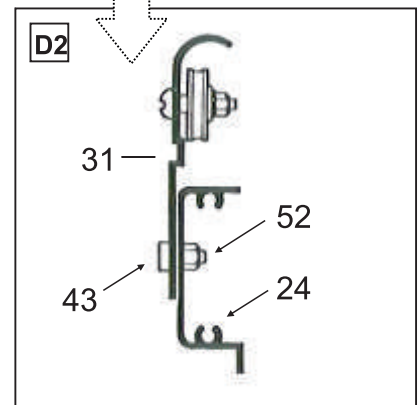
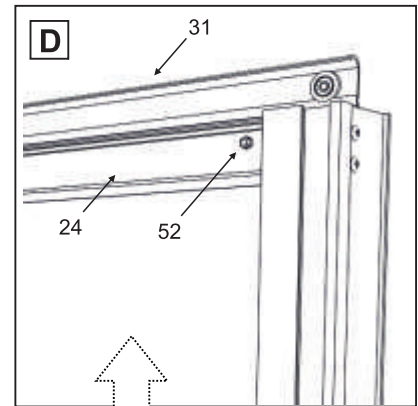
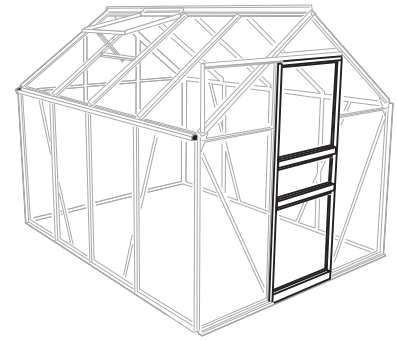
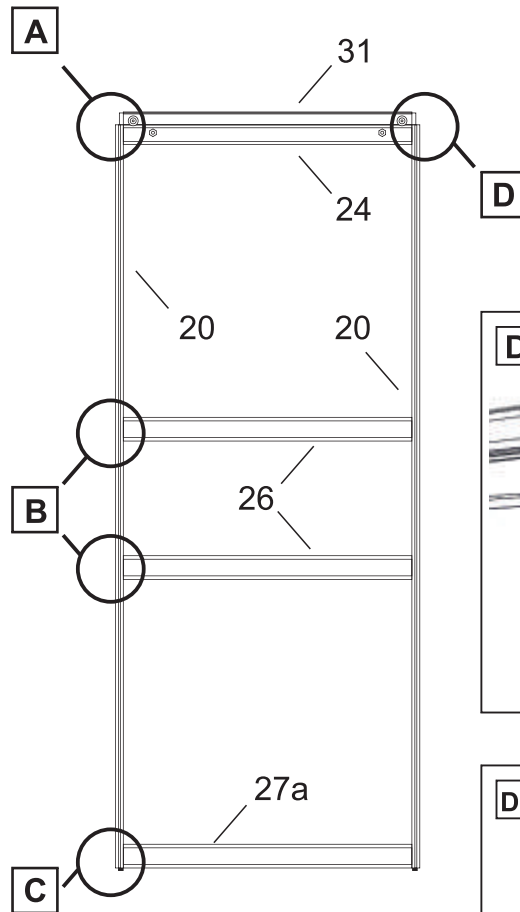
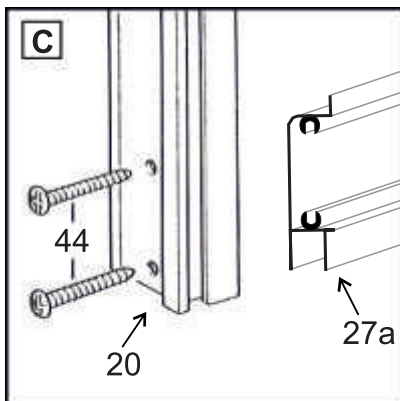
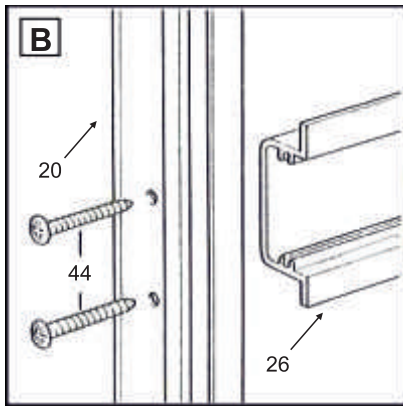
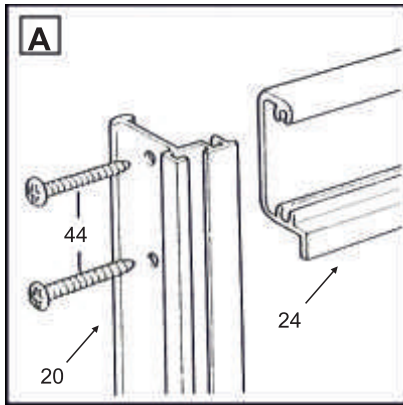
The front side of the greenhouse (part #17) should not rest completely, see page 22, Fig. [C].

Alternatively: attachment to the optionally available foundation.



Door installation

Assemble the door as shown:



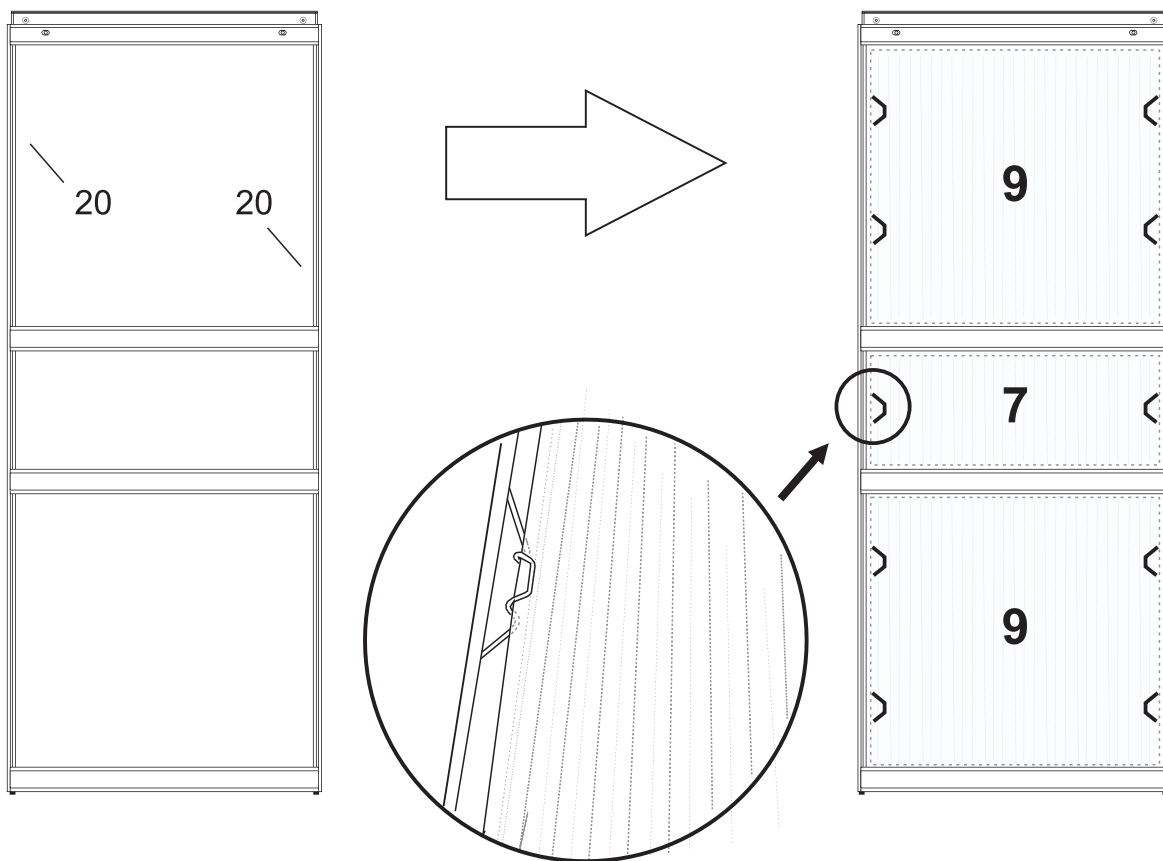
Note: Figures A to D are interior views.

Lay out the corresponding profiles on a flat surface. Assemble the left side, following the instructions provided in figures [A], [B], and [C]. Then, screw the right side (#20) accordingly.

Next, attach the running rail (#31) to profile #24, as shown in figure [D].

Door panel installation

Place the door on a flat surface.
Insert the 3 panels (No.7 and 2x No.9) as shown.
Secure them on the sides with clips.



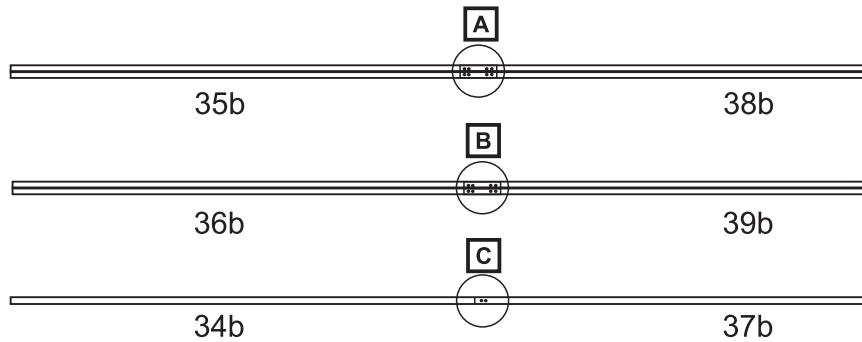
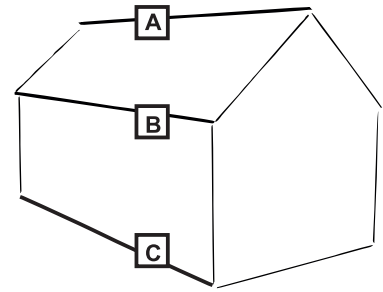
Note: Figures are exterior views.

Please pay attention to the instructions regarding the correct orientation of the panels for UV protection (see also page 20).

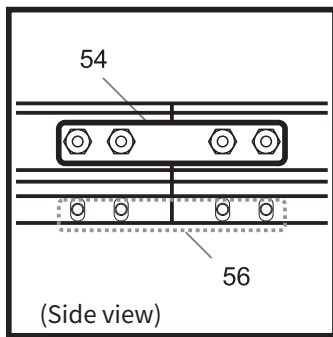


Side profile installation

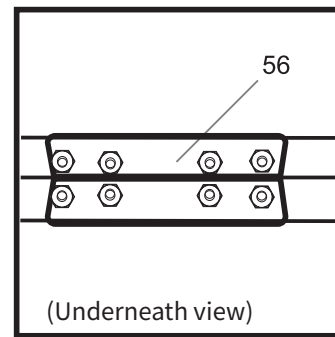
Connect the side profiles together.
Secure them using the mounting plates (54/55/56),
hammerhead screws (#43), and M6 nuts (#52).



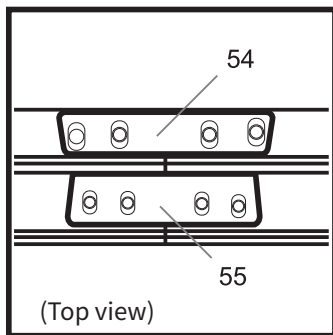
A



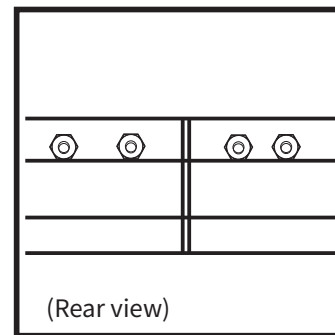
35b + 38b



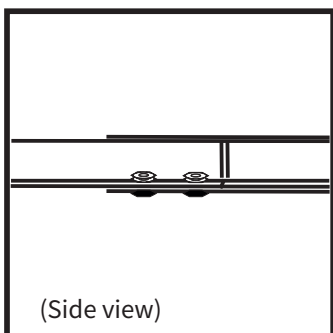
B



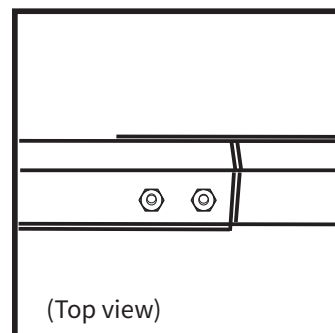
36b + 39b



C



34b + 37b

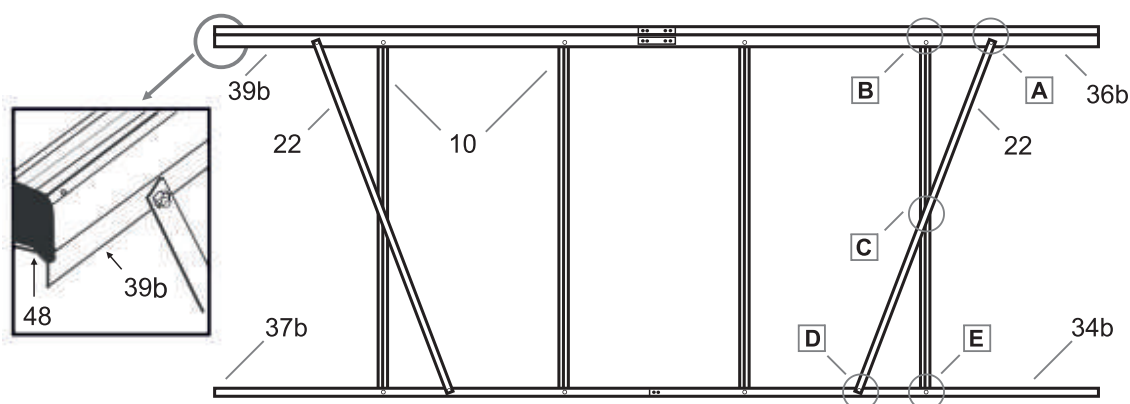
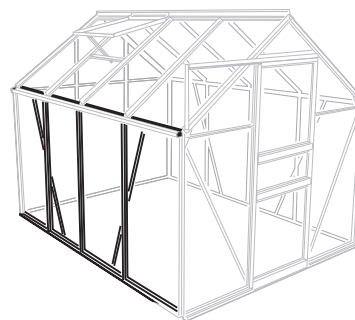


Installation of side walls (interior view).

Lay the cross profiles onto the longitudinal profiles as shown and screw everything together.

(!) Pay attention to the particularity regarding part #10 - if necessary, insert additional screws!

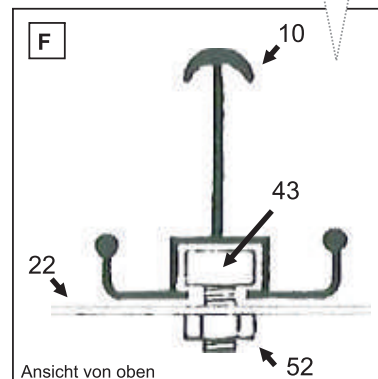
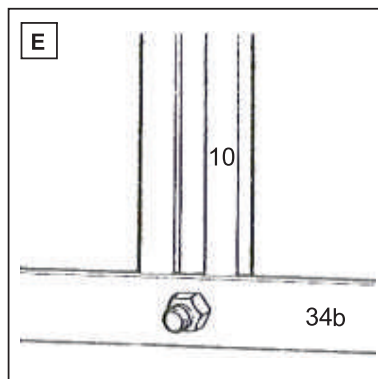
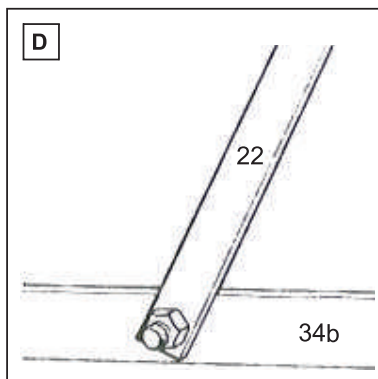
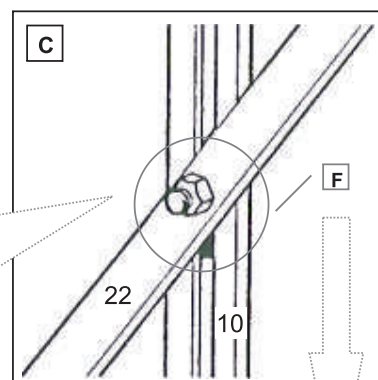
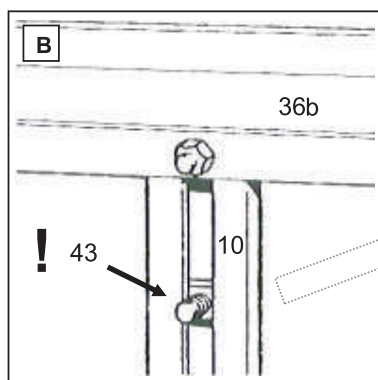
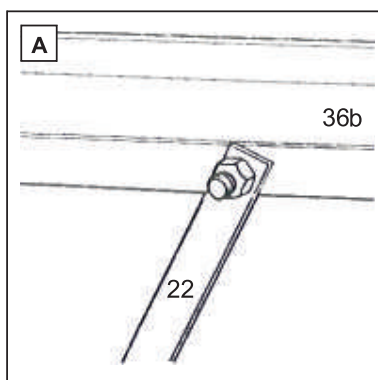
Proceed in the same way with the other side.



For the installation of part #22:
insert one screw #43 on the 1st,
3rd, and last profile #10. (Fig.
[B] and [C])



Screw head inside the profile!

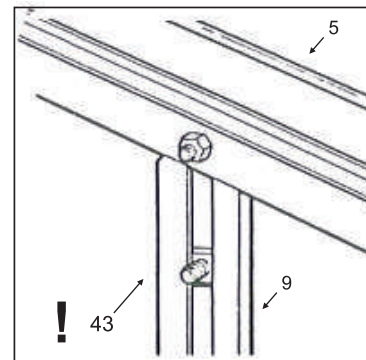
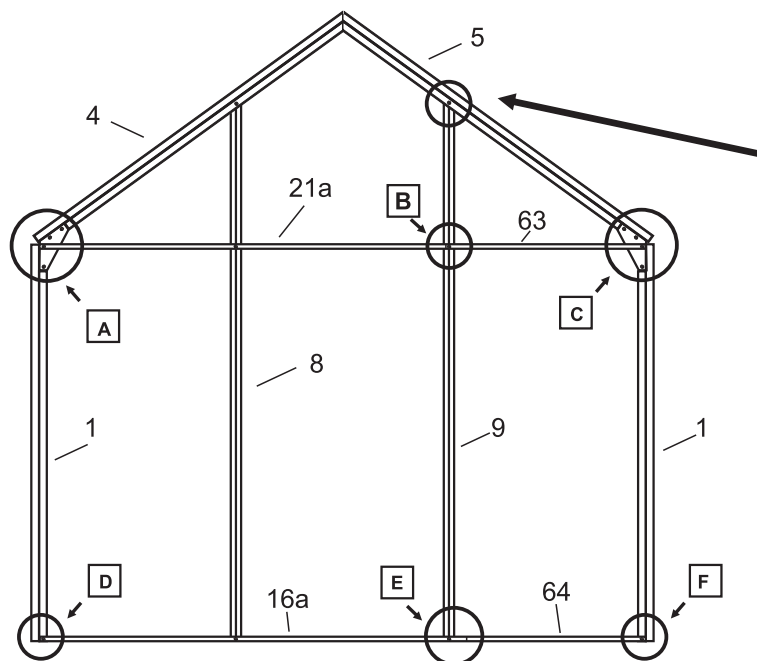
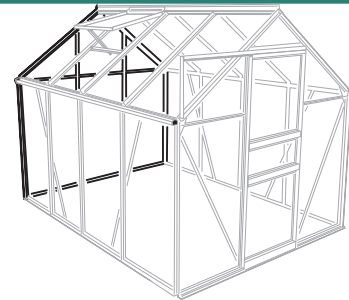


Note: Figures A - E are interior views.

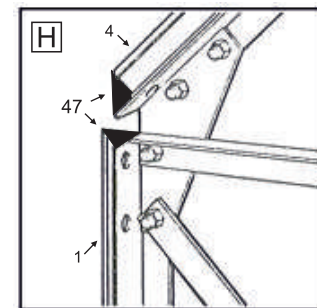
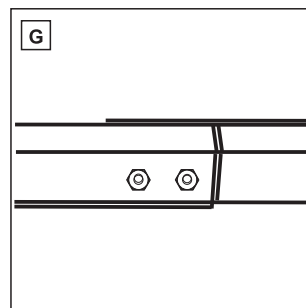
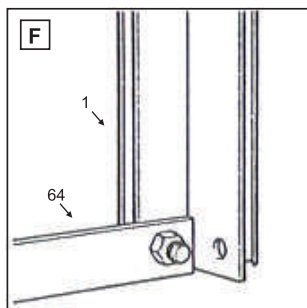
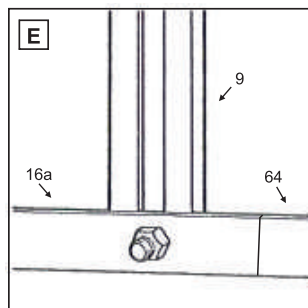
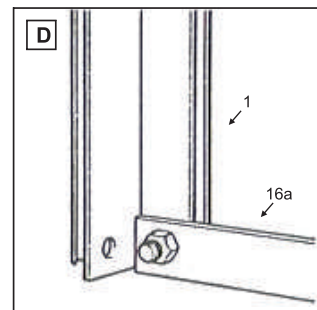
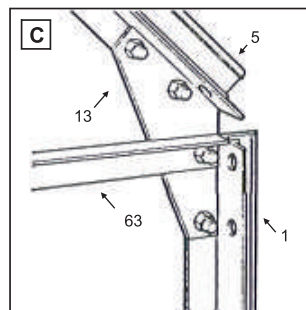
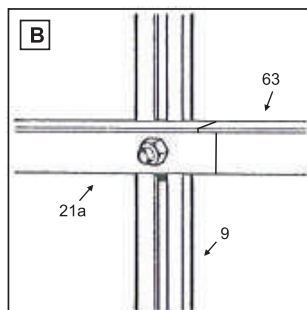
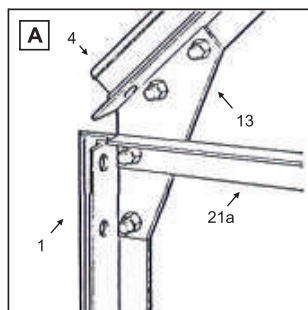
Gable side, without door (interior view)

Lay out the necessary profiles on a flat surface
(arranged as shown).

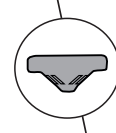
Screw the profiles together as depicted.



Assemble part #21a with part #63:
! Insert one screw #43 into profile #8
and one screw #43 into profile #9
(Fig. [B]).



Hinweis: Abbildungen sind Innenansichten.

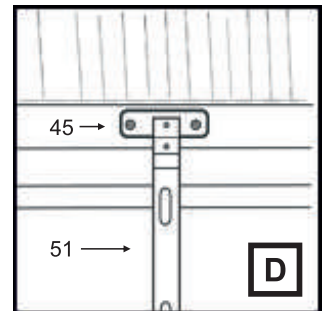
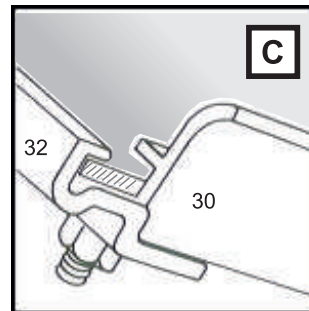
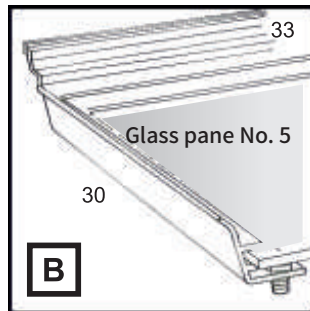
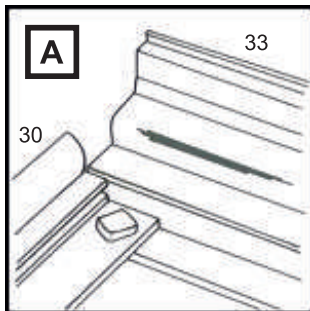
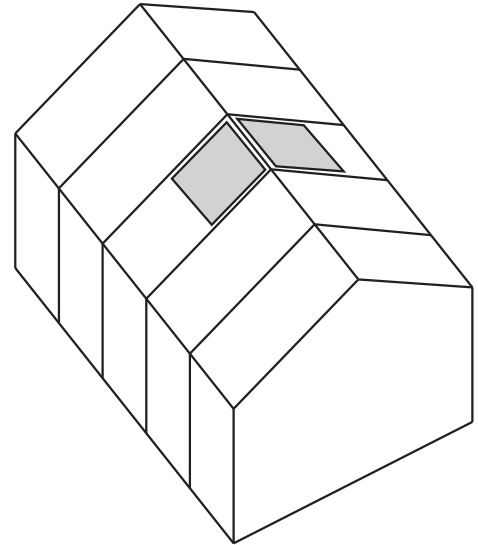
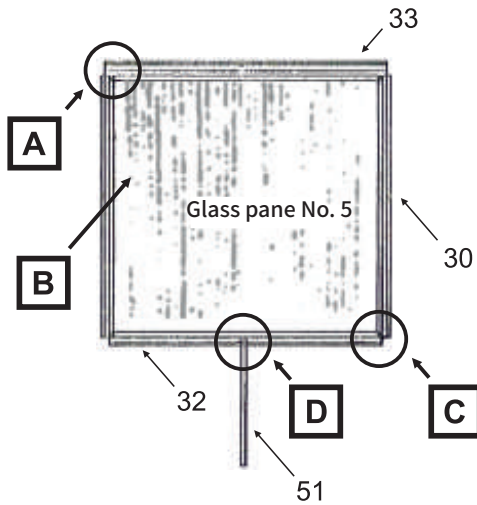


(*) Note regarding [A]:

The cover #47 is attached to part #1 and
part #4, and then on the other side to
part #1 and part #5.

Roof window - Assembly

Assemble the profiles as shown in the illustration.



Note: Tighten nuts only during final assembly. !

[A]: Screw part #33 together with the two side parts (#30).

[B]: Now, insert glass pane No. 5.

Pay attention to the instructions (film) for the correct alignment of the panel - for UV protection (see also page 20).



[C]: Next, attach the lower profile (#32).

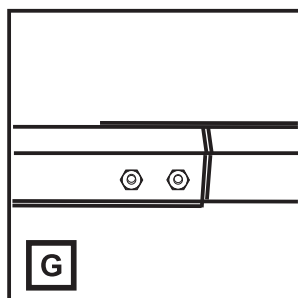
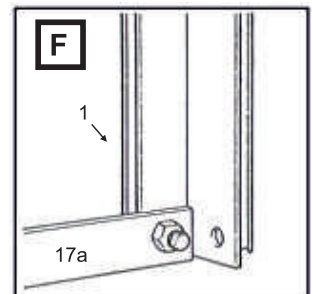
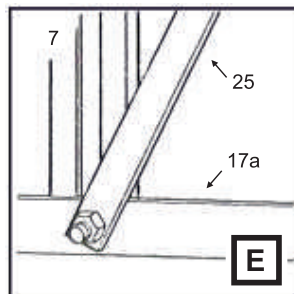
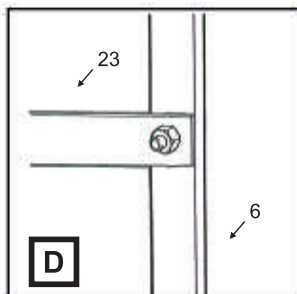
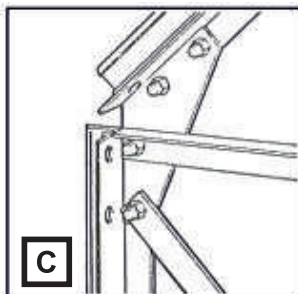
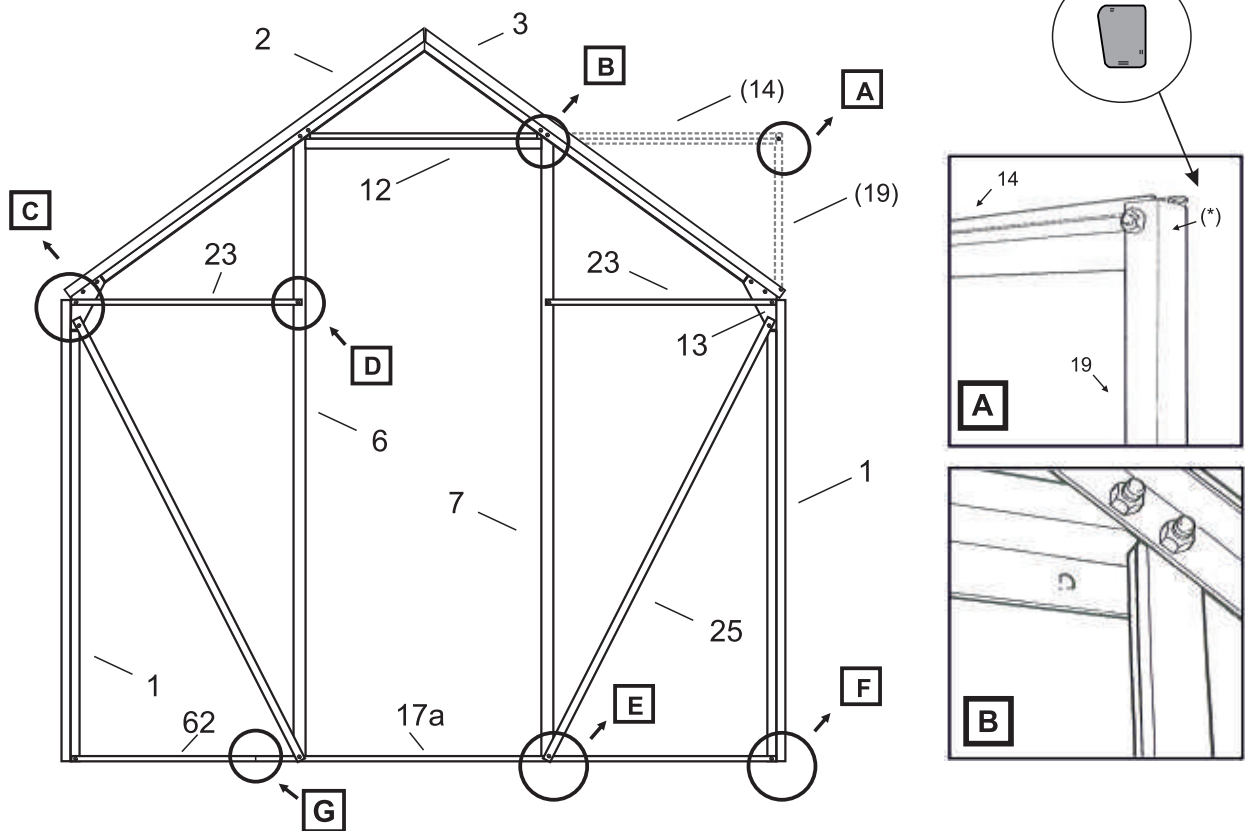
Check if the window frame is square, and then tighten all the nuts securely.

[D]: Now, secure part #51 (support rod) to the window frame using screws #45.

Gable side with door - Interior view

Lay out the necessary profiles (arranged as shown) on a flat surface.
Assemble the profiles according to the detail drawings [B] - [F].

(*) Note for [A]: Before assembly, attach cover #50 to the end of part #14 at the connection point #14 and #19.



Arrangement of screws:

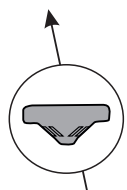
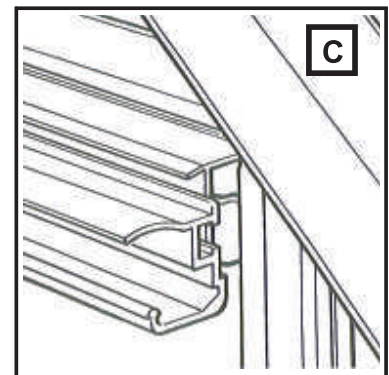
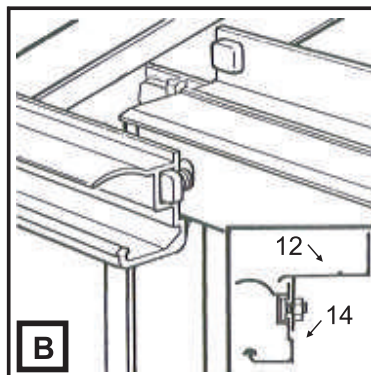
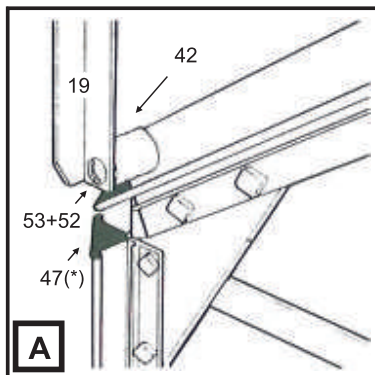
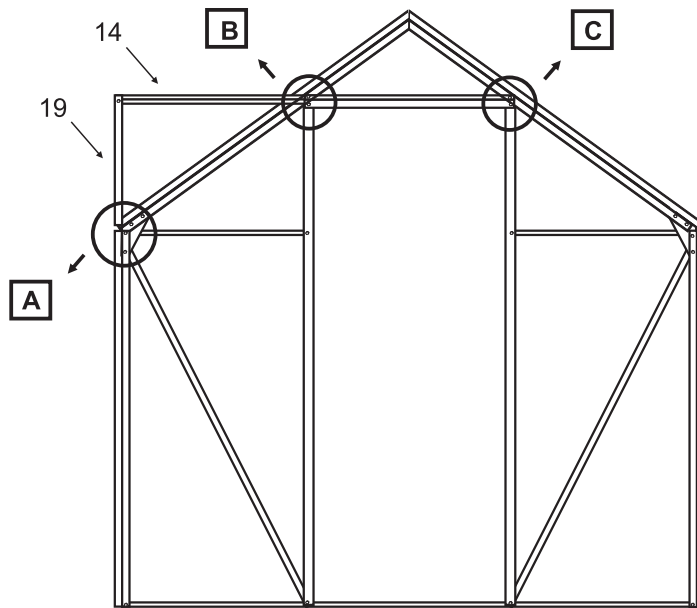
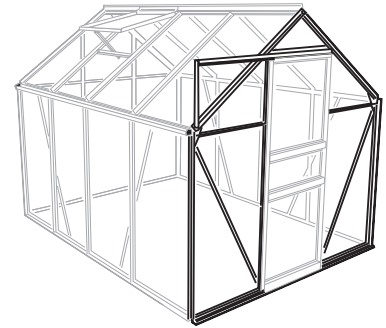
! Screw head on the outside,
nut on the inside.



Note: Illustrations are interior views.

Attach the side with the door - exterior view

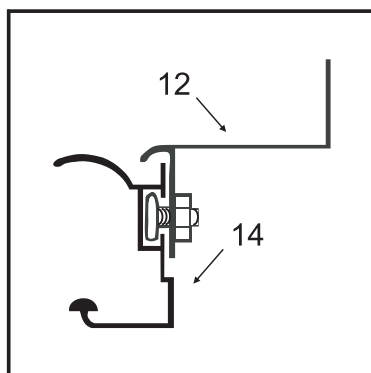
Attach parts #14 and #19 as shown.
(see also Fig. [A] on page 14)



(*) Note regarding [A]:

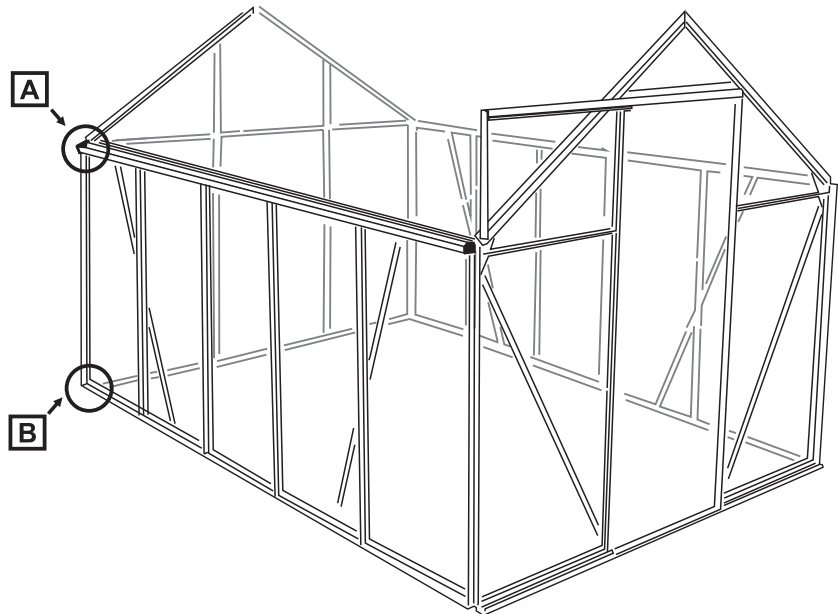
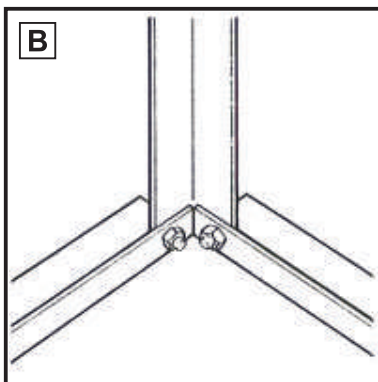
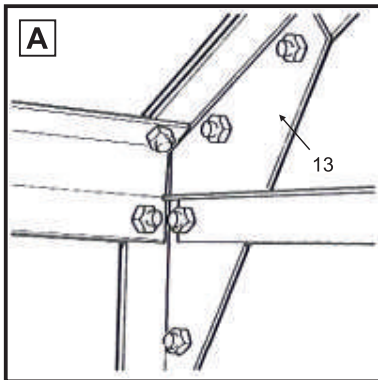
Cover #47 is attached to part #1 and part #3, and then on the other side to part #1 and part #2.

Fig. B and C: Slide through and screw part #14.

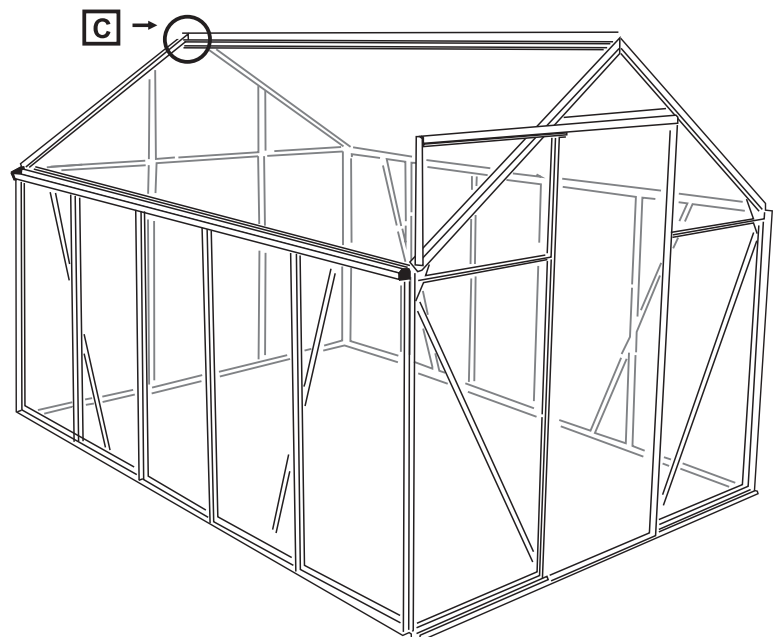
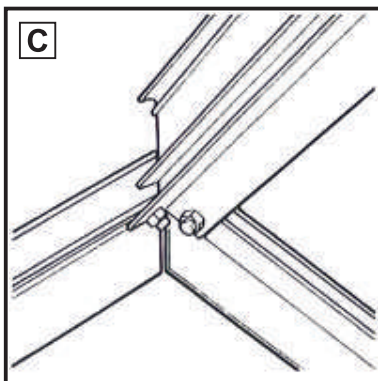


Assembly of the components

- Screw the gable sides and side panels together (Fig. [A] and [B]).



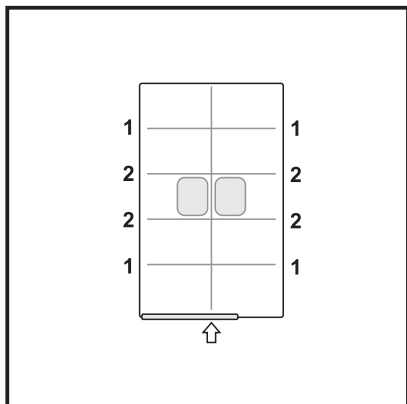
- Secure the roof beam to the two gable sides ([C]).
- Note: Only hand-tighten the gable nuts!
(Tighten them securely with part #40 only during final assembly.)



Arrangement of screws:

Screw head on the outside,
nut on the inside.

Note: All detailed illustrations are interior views.



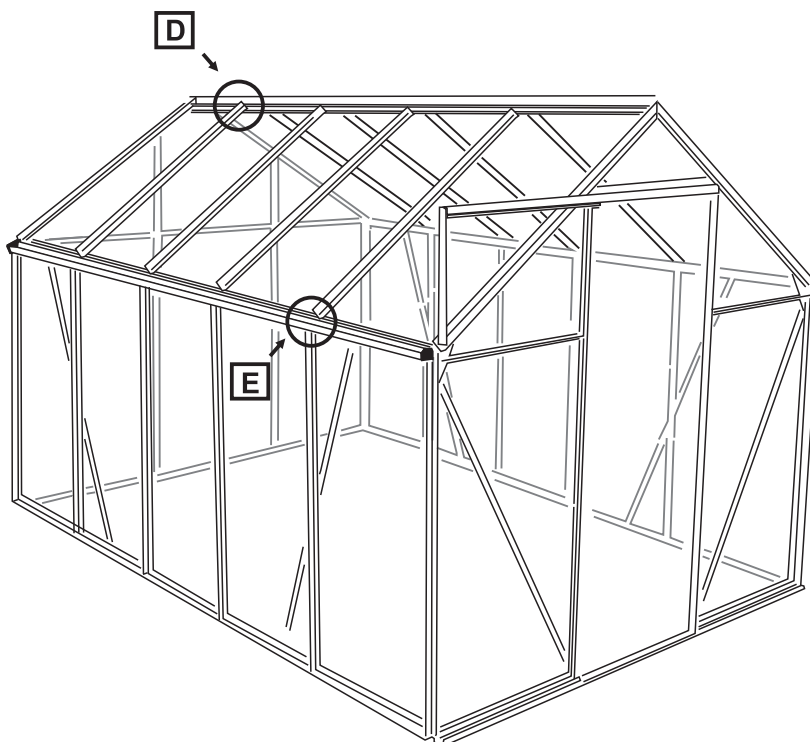
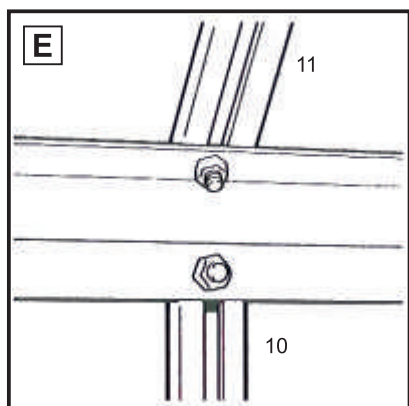
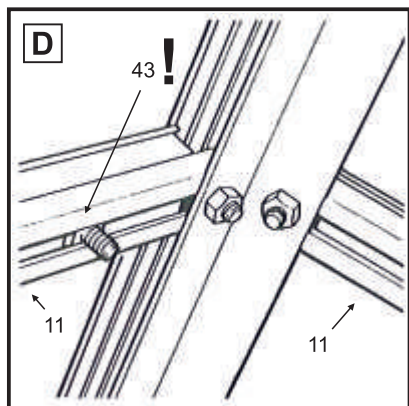
Note:

In the next step, it is necessary to insert additional screws in advance, as shown.

Please pay attention to the number of required extra screws and the position of the corresponding roof profiles (#11).

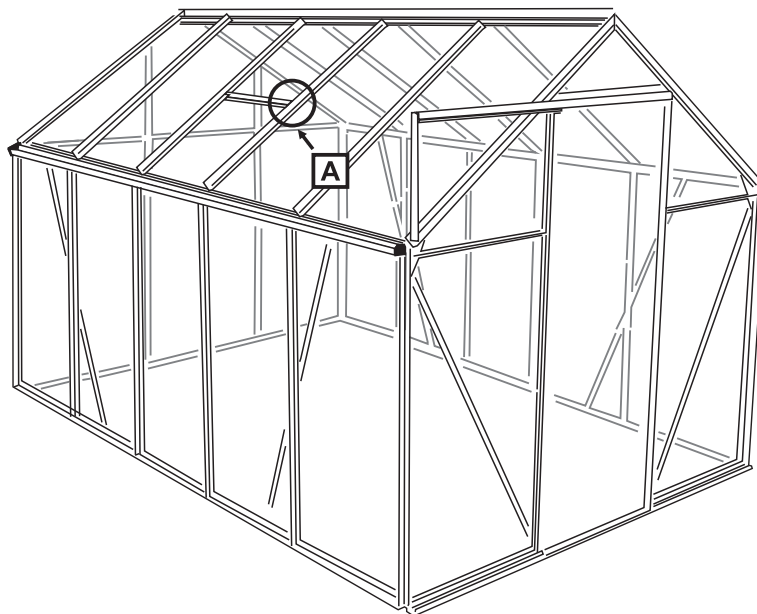
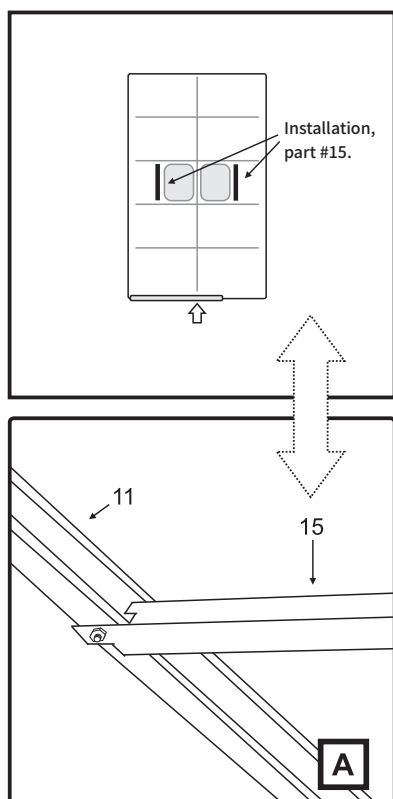


- Attach the roof profiles (#11) to the roof beam and side walls ([D] + [E]). Prior to mounting part #11, insert one screw (#43) each ([D]). For the area around brace #58 (page 18, Fig. [A2]), use two screws per profile.

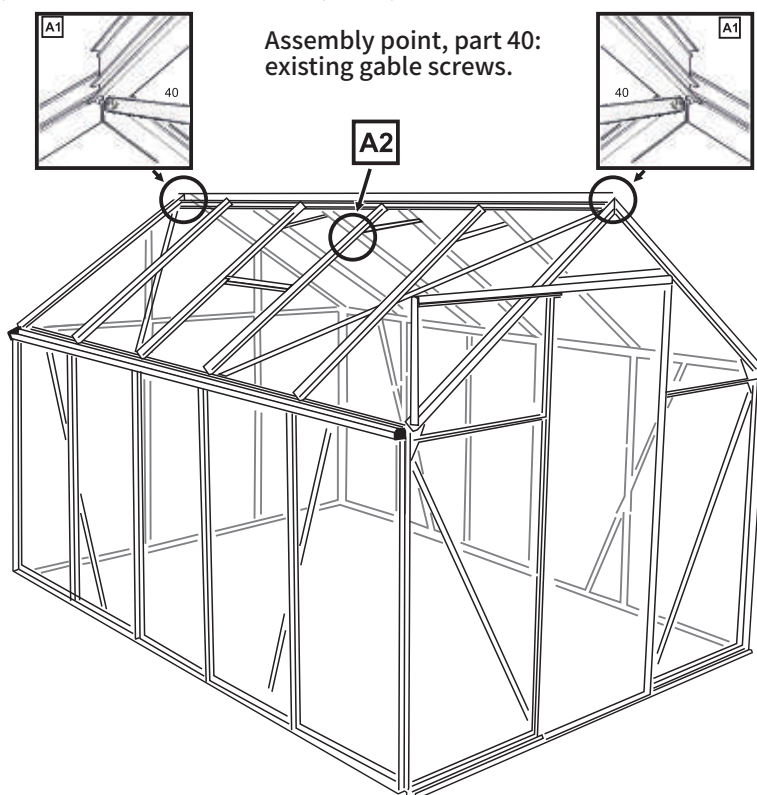
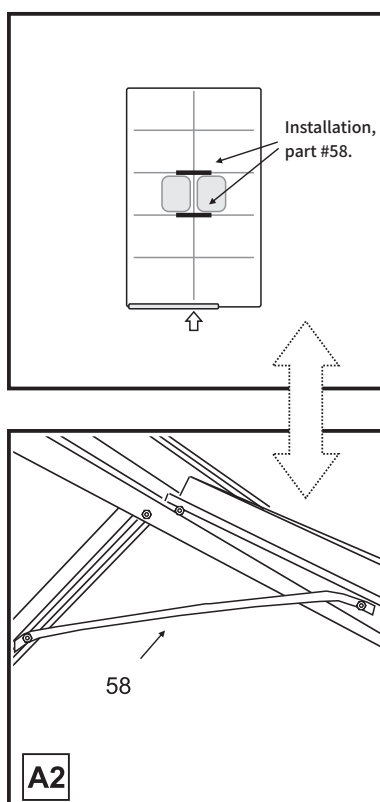


Assembly: Windows

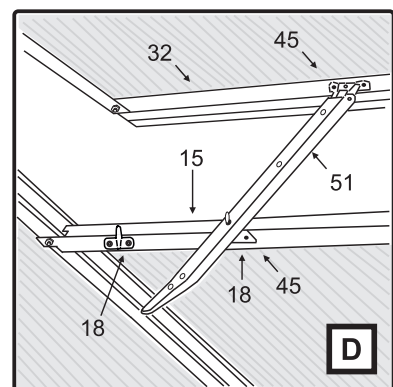
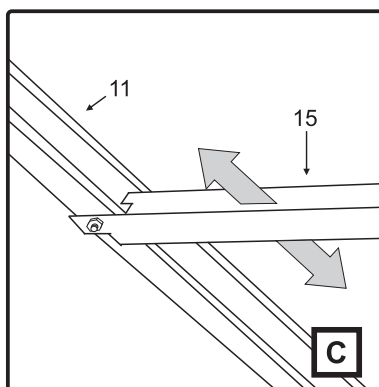
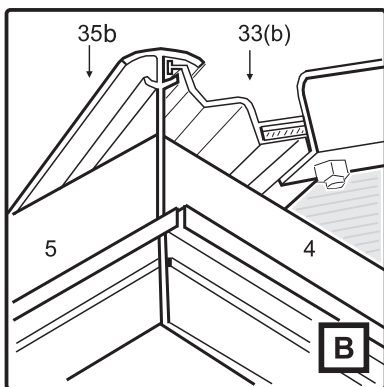
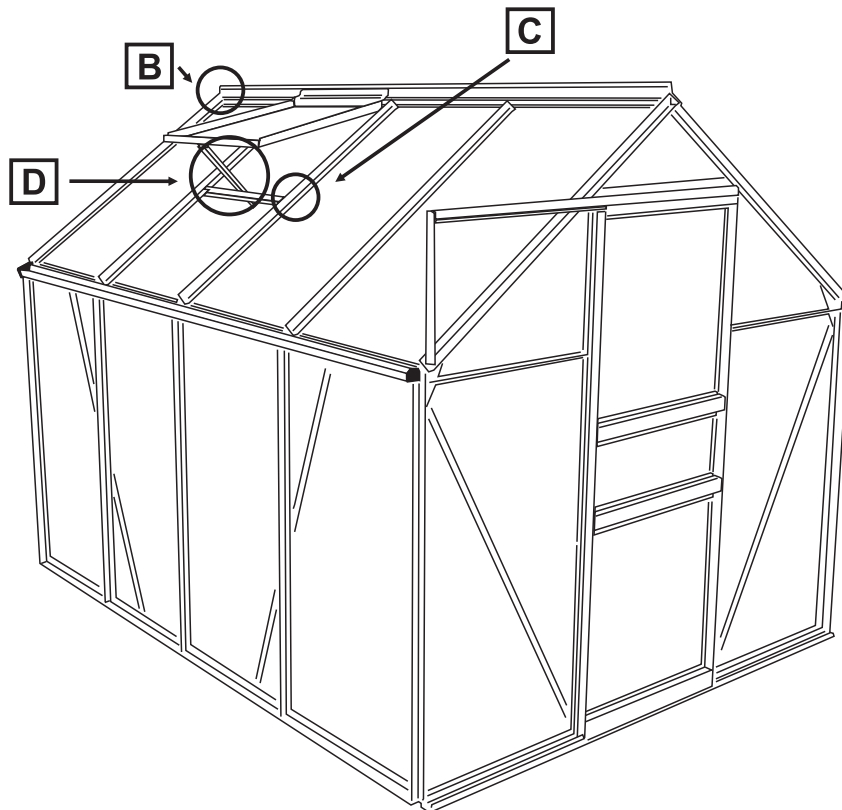
- Attach all window struts (#15) to the roof profiles (#11). ([A])



- Reinforce the roof structure using the cross braces (#40) (Fig. [A1]), as well as the roof braces (#58) in the window area ([A2]).



Now follows the assembly of the roof windows.



[B]: The upper part of the window must first be inserted at the end of profile #35. Slide the window in the profile until it reaches the designated position.

[C]: Adjust the position of window strut #15 to match the window.

[D]: Secure the brackets (#18) to profile #15 using screw #45.



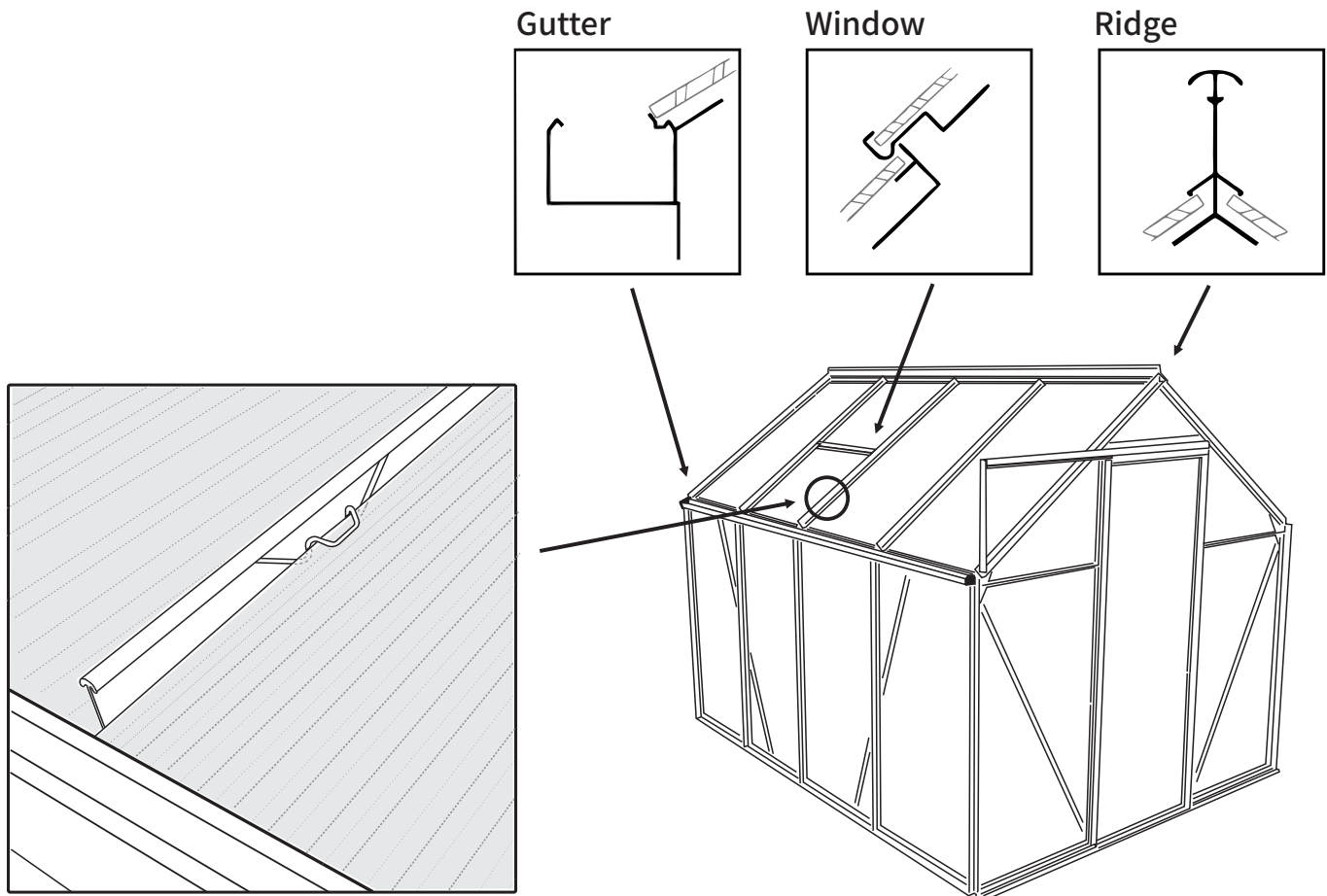
Part #45,
M4x7.5 screw



Part #18,
holder

Final assembly,

Plate Placement Place the multiwall polycarbonate sheets as listed in step M and secure them using the clips (Part #46).

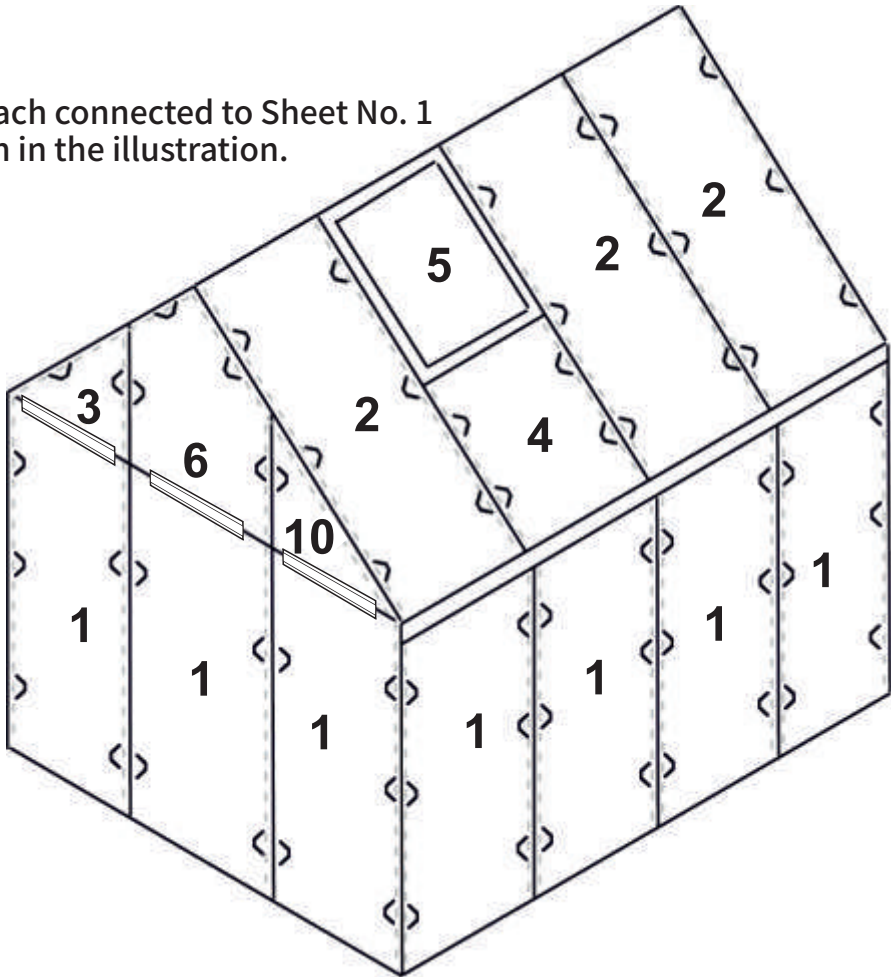
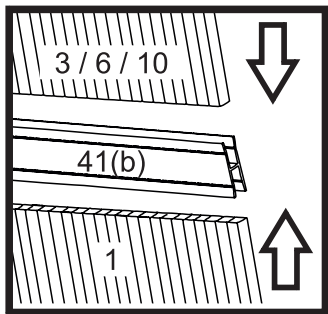


Important: The sheets are coated with a UV-protective layer on one side. The side with the white film must be placed inwardly to ensure UV protection! Peel off the white film! The transparent film can be left as a protective film or optionally removed (e.g., in case of dirt).

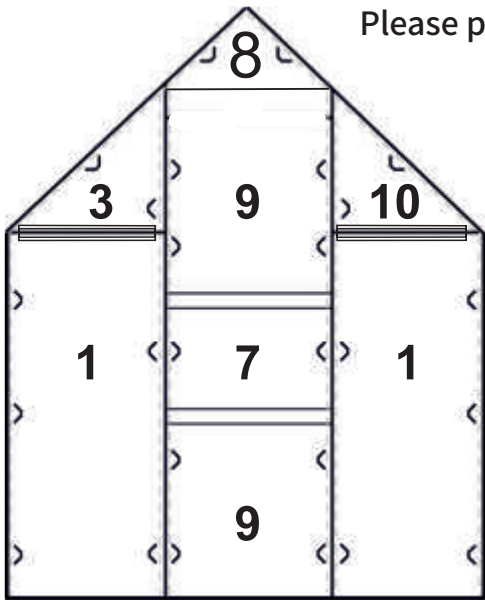


Arrangement of the multiwall polycarbonate sheets

Gable sides:
 Sheet No. 3, 6, and 10 are each connected to Sheet No. 1 using Part #41(b) - as shown in the illustration.



Please pay attention to the UV protection notice.



Item NO.	Size (mm)	Quantity
1	605 x 1210	13
2	605 x 1130	7
3	605 x 450	2
4	605 x 590	1
5	600 x 549	1
6	605 x 662	1
7	610 x 224	1
8	615 x 232	1
9	610 x 602	2
10	605 x 450	2

After 24 hours, recheck all screws and tighten if necessary.

Final assembly, door.

The assembly of the door is done last.

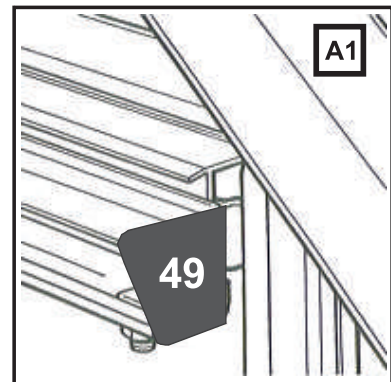
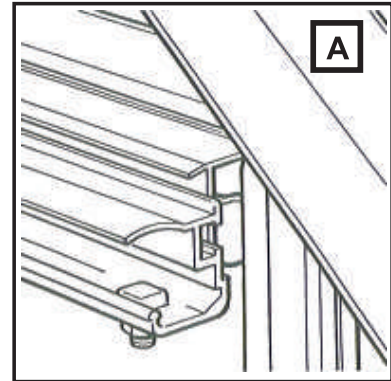
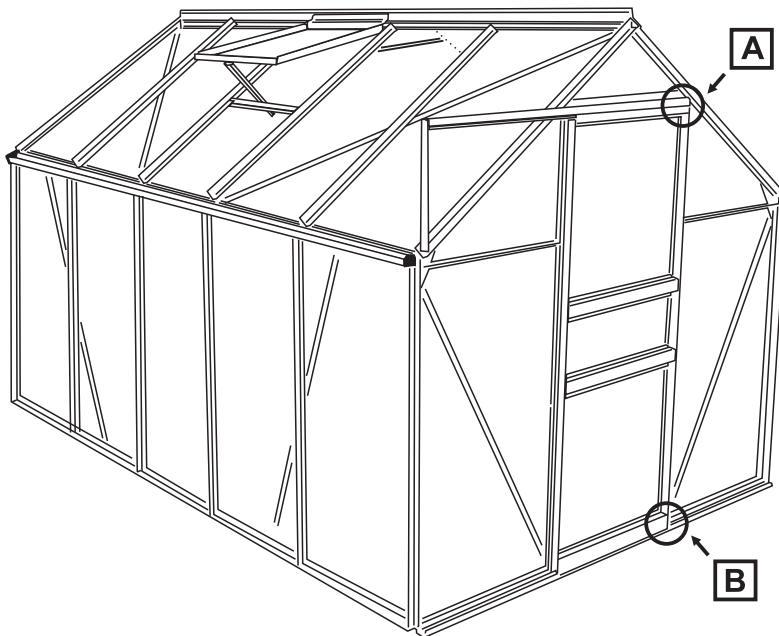


Fig. [A1]: Attach cover (#49)
only after final assembly.
Cover #50 is mounted opposite.

[A] / [B]: Insert the door into the upper and lower guide rail (#17, Fig. [B]).
Attach a nut and screw at the end of the upper guide rail (#14, Fig. [A]).
It serves as a stopper for the door.

