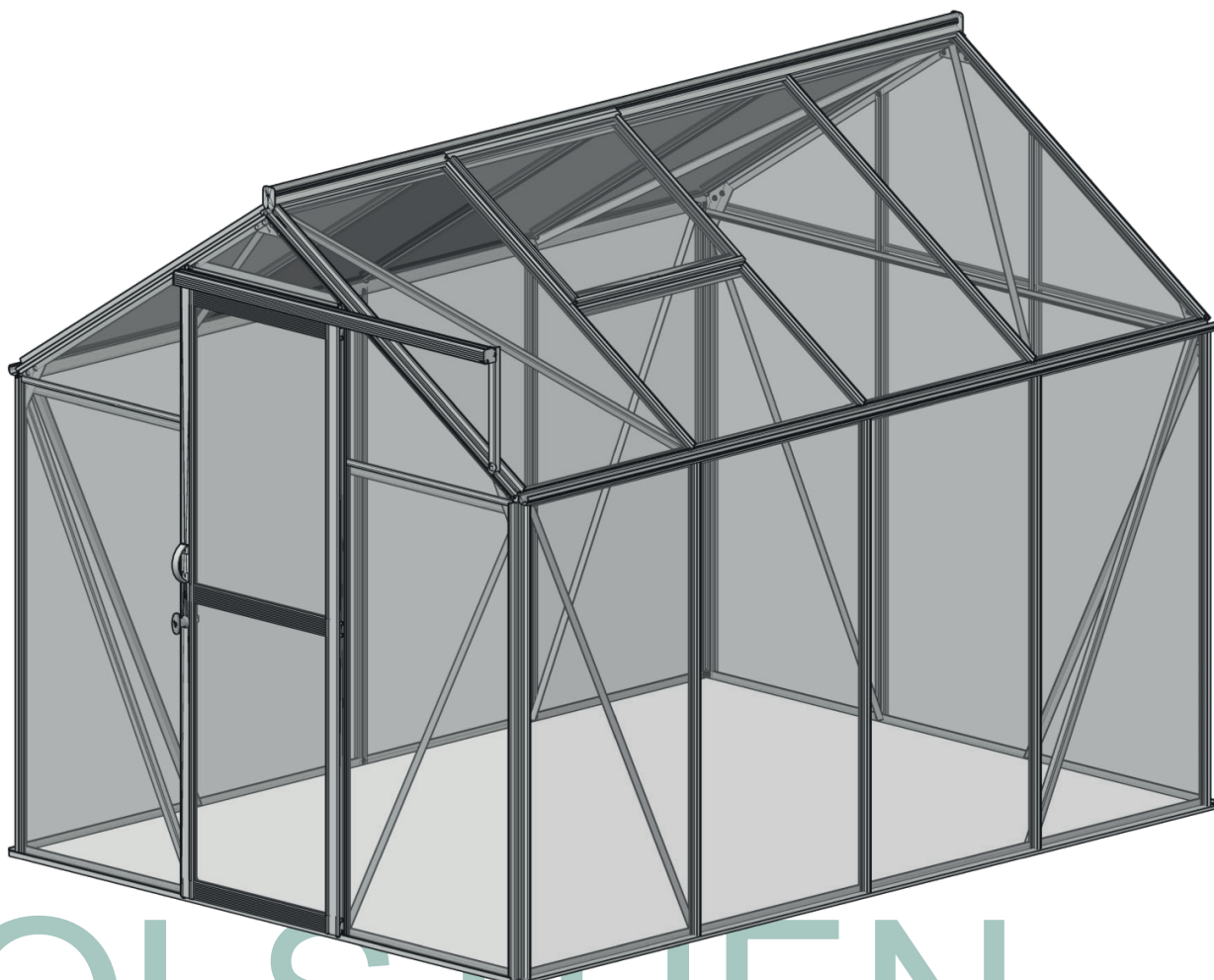




ROYAL WELL



1-8-2024



SOLSTUEN


Assembly manual


	White	Greengrey	Black	Height (mm)	Width (mm)	Depth (mm)	m ²
Solstuen	1063745	1063741	1063749	2450	2125	2155	4,6
Solstuen	1063746	1063742	1063750	2450	2125	2849	6,0
Solstuen	1063747	1063743	1063751	2450	2125	3543	7,6



Dear customer!

We congratulate you on your new greenhouse. We are convinced that by following the detailed assembly instructions you will enjoy the actual building of the greenhouse as much as the time you will spend in your greenhouse in the future. The assembly instruction consists mainly of detailed illustrations. The greenhouse is boxed and includes the frame, fixing materials, downspout and foundation. All aluminium profiles are marked with a part number corresponding to the numbers on the drawings and in the parts list. Nuts, bolts and fittings can be found in the corresponding packaging. The profiles and components are in one package in the box per section; Front facade, rear facade, side facade, roof, skylight and door. Assemble one section at a time. The following symbols with the following meanings appear in the instructions:

 Seen from the inside

 Seen from outside

Winter protection

In areas where snow can be expected, we recommend the following to protect your greenhouse:

1. Support the ridge in the centre of the greenhouse.
2. Remove larger snow loads.
3. Take precautions against falling snow, e.g. from a roof.
4. By preventing wind from damaging greenhouse doors and windows.

Complaints

We place high demands on quality to ensure that you receive a faultless product. Should a problem nevertheless occur, we kindly ask you to contact the dealer from whom you bought the greenhouse. For prompt service, please specify the extent of the defect using the parts list in the assembly instructions. Also note the model and model number shown on the front page of these instructions.

Insurance

Not all insurance companies automatically cover greenhouses. We recommend you contact your insurance company to make sure you are covered.

Assembly

Make sure the greenhouse is straight before you start glazing. We recommend using working gloves while glazing. We recommend greasing the screws for the doors for easier assembly. Glazing should only be carried out in reasonably calm weather.

Foundation

The foundation including fastening material is included in a separate package. Do not forget to order pipes and concrete, if applicable, as these are not included in the delivery.

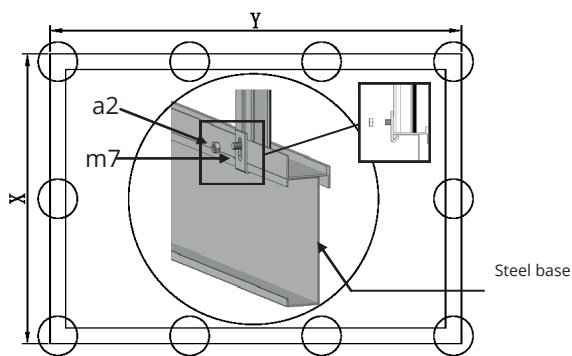
There are different ways to make the foundation for the greenhouse. In any case, the foundation must be 100% level and perpendicular. The easiest way to check this is that the two diagonal measurements are identical.










The easiest and most stable way is to use the original steel foundation supplied with the greenhouse.

Assembling the foundation with long "legs" is easy and goes as follows:



























1. Assemble the corners of the foundation using the hardware in the corners.
2. Dig concrete pipes ($\varnothing=200\text{mm}$) about 80cm down (frost-free ground). Place the tubes as shown in the drawing. Fill the concrete tubes with concrete.
3. The bottom of the "legs" are bent for better fastening.
4. Press the "legs" into the concrete. The foundation should be completely level and the corners should be square (the diagonal measurements should be the same).
5. The distance between the foundation and the concrete pipes should be about 5 mm (use a spacer block for this if necessary).
6. Place the greenhouse on the foundation when the concrete is completely dry.
7. Fasten the greenhouse to the foundation using the fastening material provided.






























STATEMENT


















									
	Gable profiles(mm)	Side profiles (mm)	Long anchor legs		Short anchor legs	Connectors	Fixing tabs	M6x10	M6
			"L"	"U"	"L"		m7		
Solstuen	2x2098	2x2166	4		4		12	16	16
Solstuen	2x2098	2x2860	4		4		14	16	16
Solstuen	2x2098	2x3554	4	2	4		16	24	24

SECTION OVERVIEW

Section	Part no.	Profile	Size in mm	Solstuen	Solstuen	Solstuen	
FRONT GABLE	612		2038	1			
	622		623	1			
	641		1535	2			
	655		1198	1			
	656		1198	1			
	663		2009	1			
	664		2009	1			
	711		1634	2			
	712		710	2			
REAR GABLE	633		2038	1			
	641		1535	2			
	657		1198	1			
	658		1198	1			
	663		2009	1			
	664		2009	1			
	782		2036	1			
	711		1634	2			
SIDE WALL	632		2108	2			
			2802		2		
			3496			2	
			4190				2
	666		1535	4	6	8	10
	671		2108	2			
			2802		2		
			3496			2	
			4190				2
VENT	714		1674	4	4	4	4
	521		724	1	2	4	4
	541		695	1	2	4	4
	531		601	2	4	8	8
	551		678	1	2	4	4
	201		300	1	2	4	4

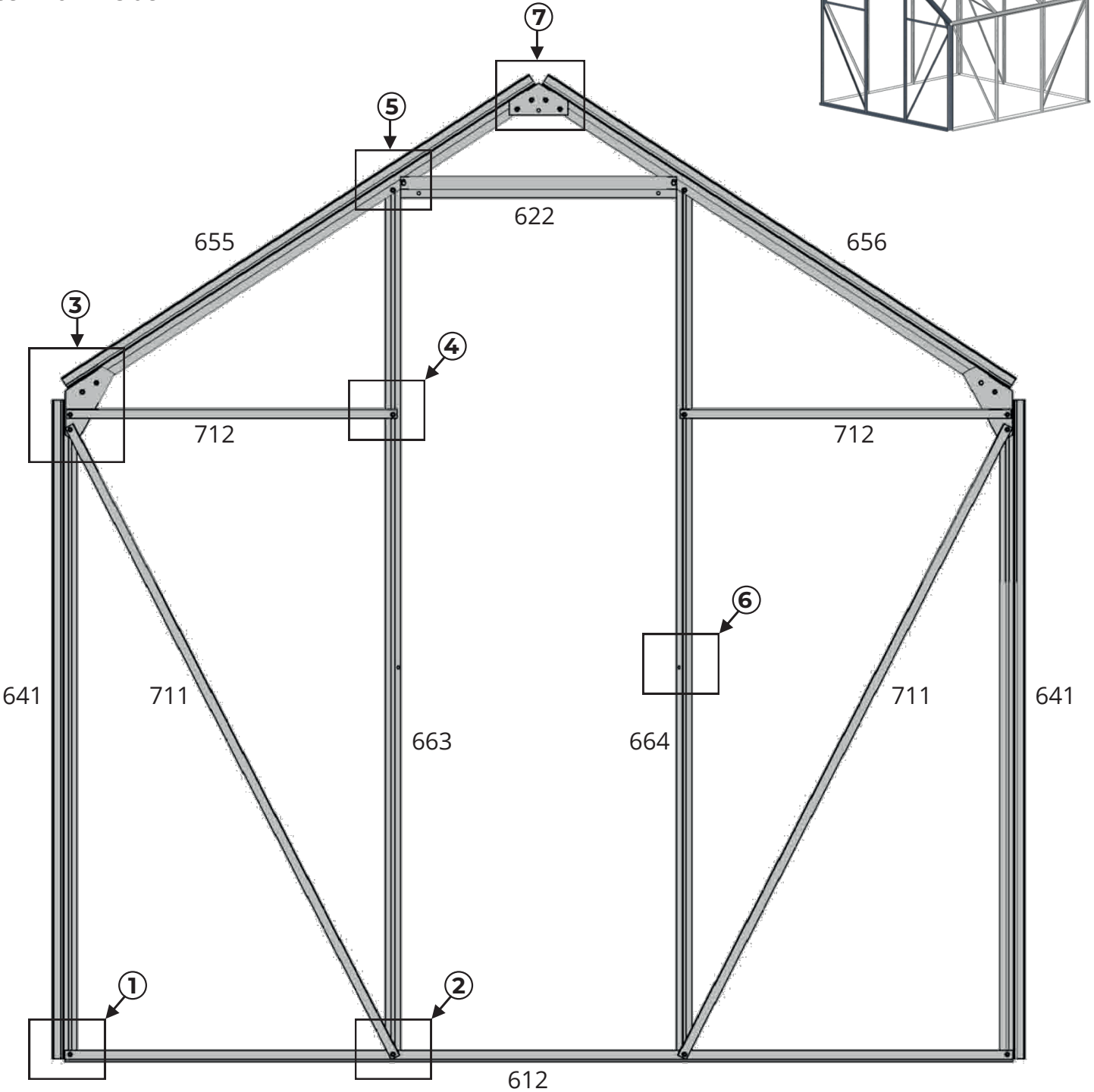
Section	Part no.	Profile	Size in mm	Solstuen	Solstuen	Solstuen	
ROOF	701		2108	1			
			2802		1		
			3496			1	
			4190				1
	682		1198	4	6	8	10
	715		1375	4	4	4	4
	751		400	-	-	4	5
DOOR	571		1265	1			
	581		623	1			
	582		633	1			
	583		633	1			
	591		1942	1			
	592		1942	1			
	791		359	1			
	594		890	4			
	a1		M6x10	96	112	144	154
	a2		M6	96	112	144	154
	a4		Φ3.9x8	2	4	8	8
	a5		Φ3.5x19	12	12	12	12
	a6		Φ3.5x25	4	4	4	4
	a7		M4x8	2	4	8	8
	a9		M4	3	5	9	9
	a14		M4x16	1	1	1	1
	m1		-	2	2	2	2
	m2		-	4	4	4	4
	m10		-	2	2	2	2
	384		-	1	1	1	1
	B-p1		-	2	2	2	2
	p3		-	2	4	8	8
	p4		-	2	2	2	2
	p5		-	2	2	2	2
	p10		-	1	2	4	4

VOORGEVEL - DEVANT - FRONT GABLE

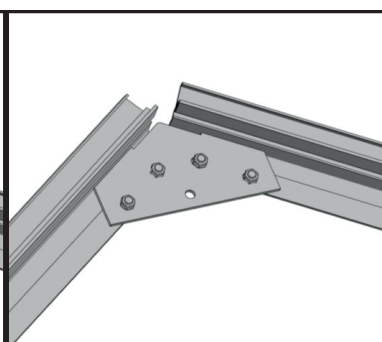
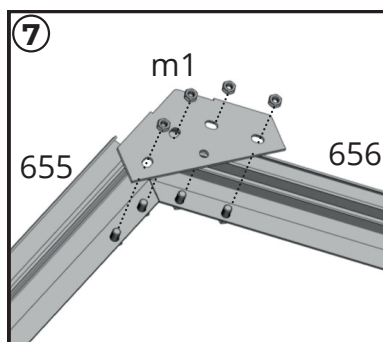
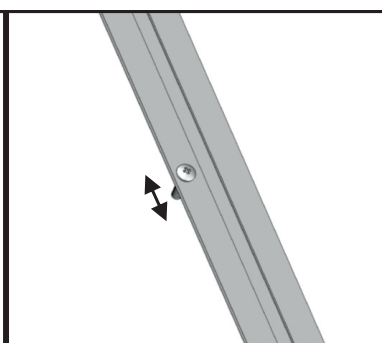
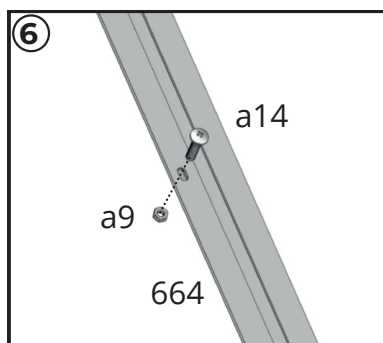
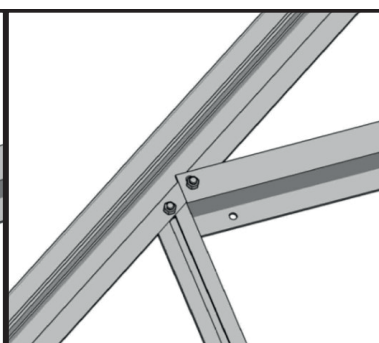
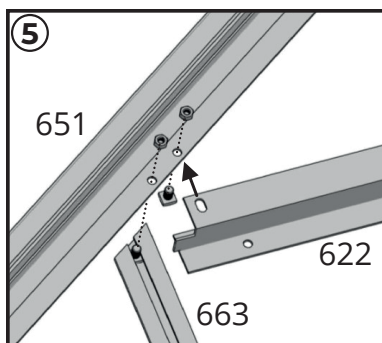
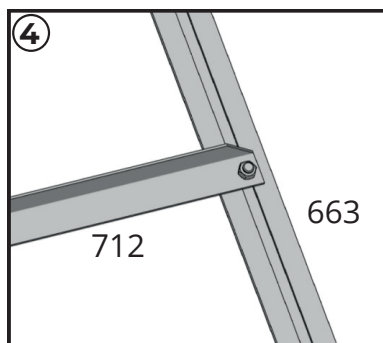
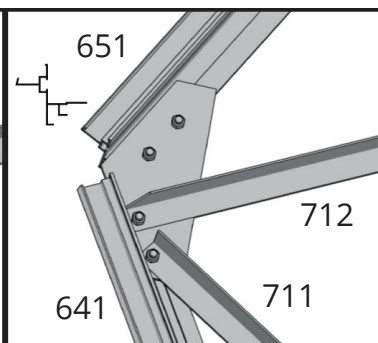
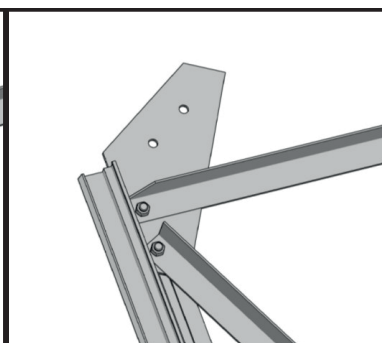
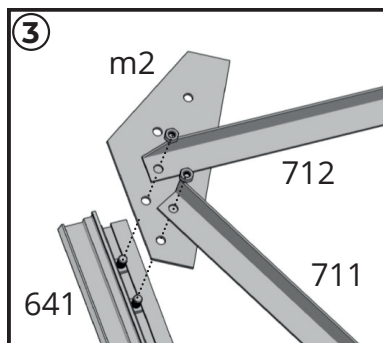
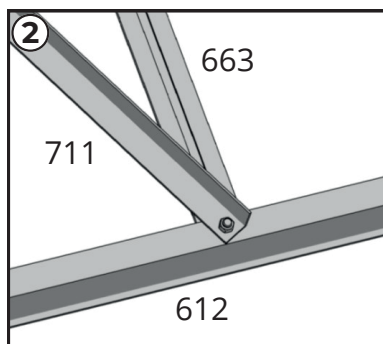
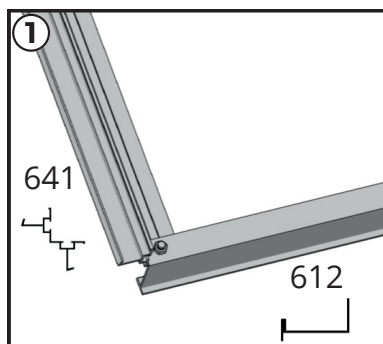
															
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mm	2038	623	1535	1198	1198	2009	2009	1634	710	M6x10	M6	M4	M4x16	-	-
X	1	1	2	1	1	1	1	2	2	22	22	1	1	1	2















Seen from inside



FRONT GABLE

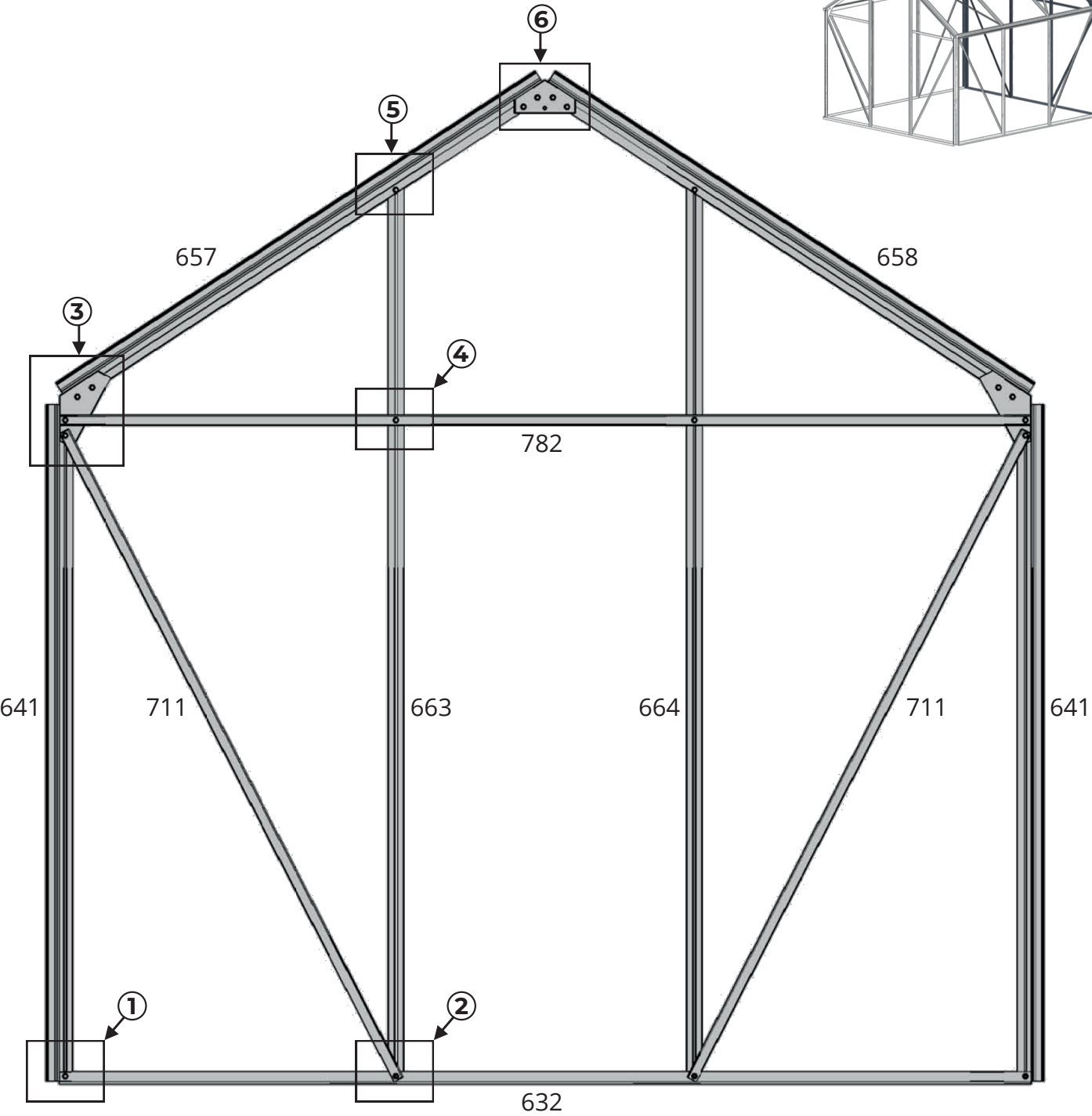
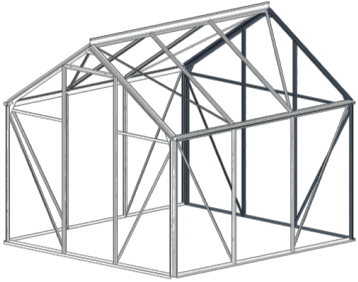


REAR GABLE

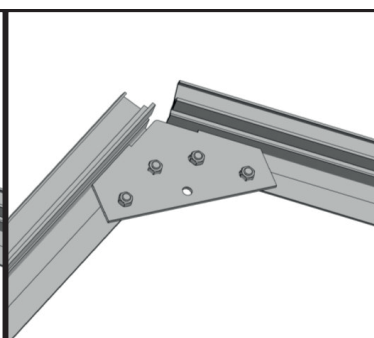
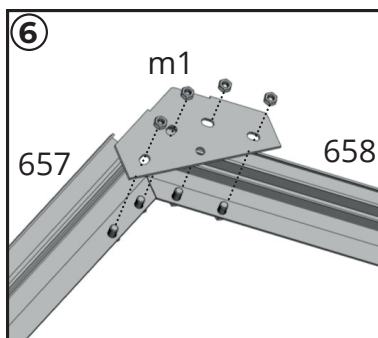
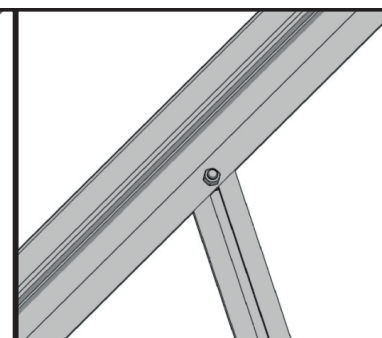
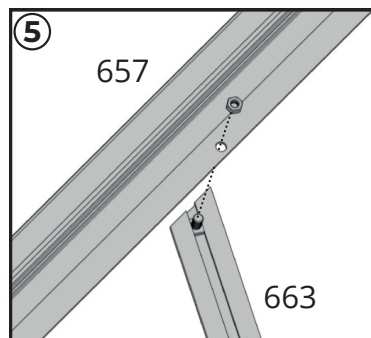
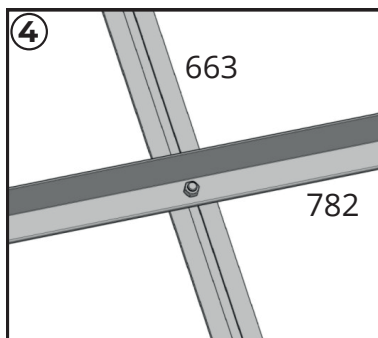
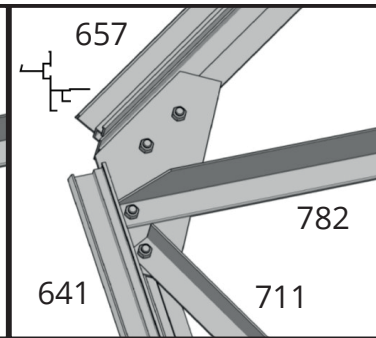
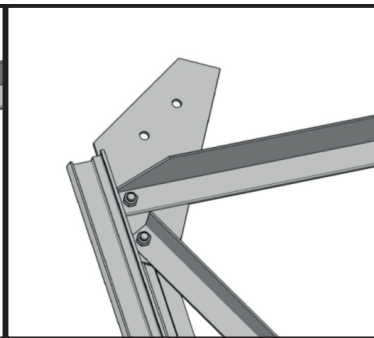
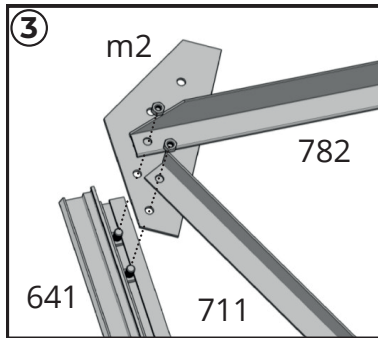
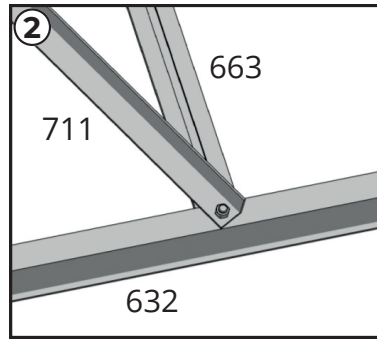
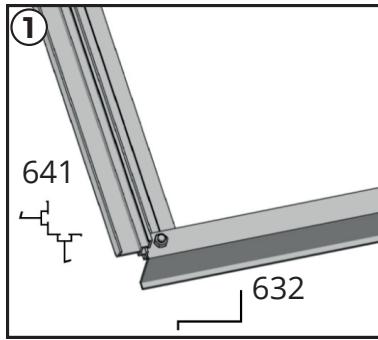
												
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mm	2038	1535	1198	1198	2009	2009	2036	1634	M6x10	M6	-	-
X	1	2	1	1	1	1	1	2	20	20	1	2









Seen from inside

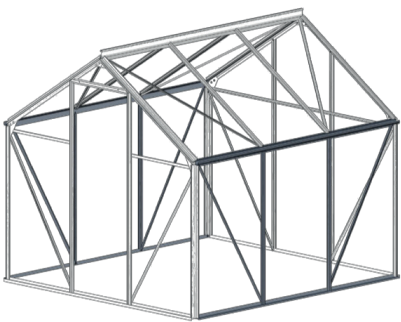
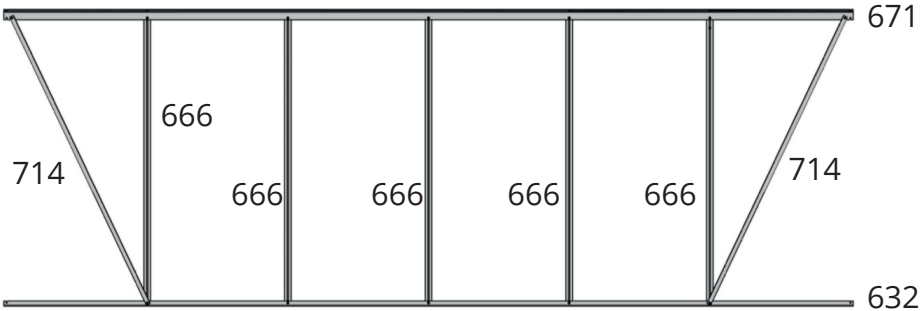
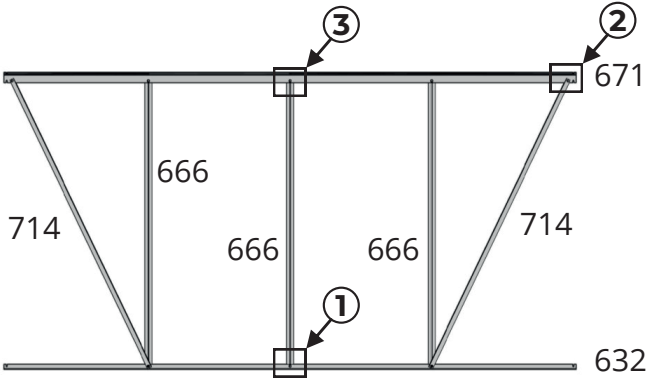
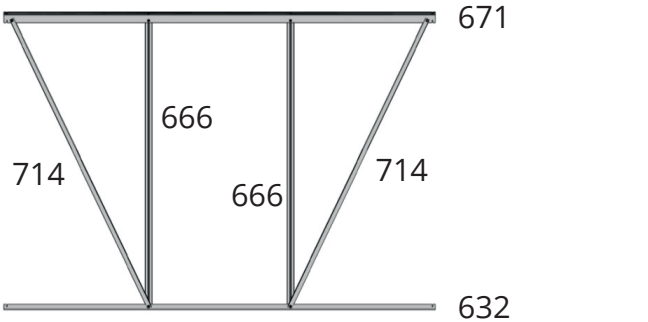


REAR GABLE

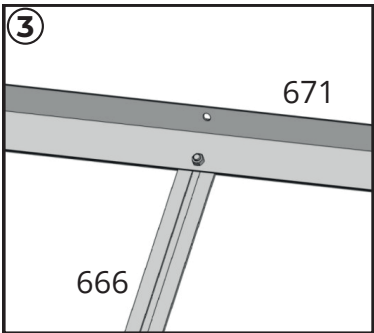
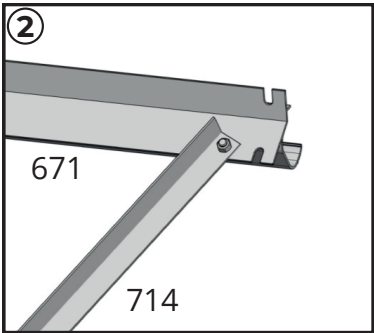
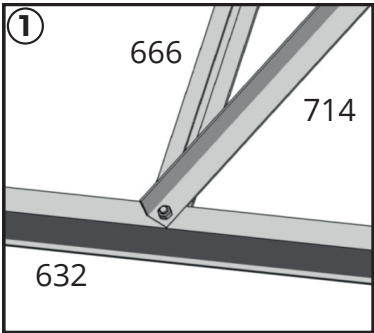


SIDE WALL

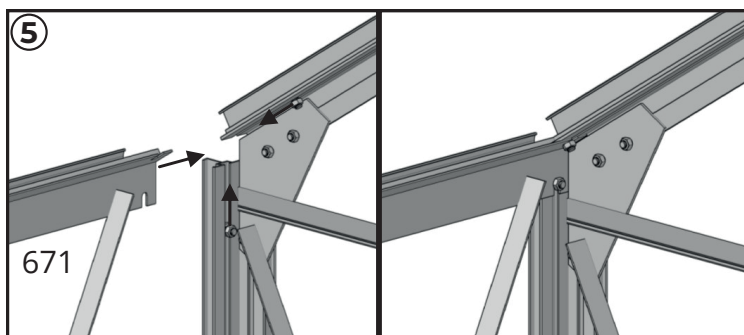
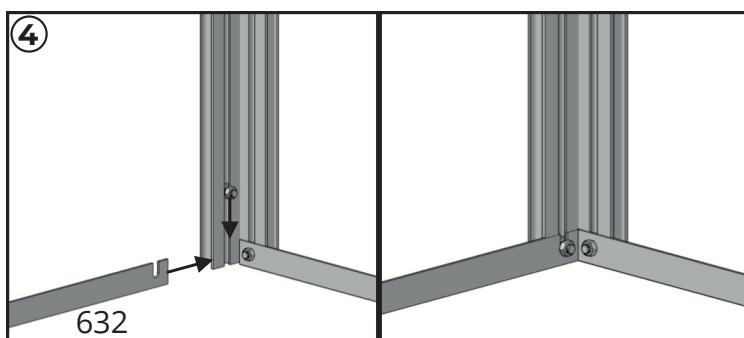
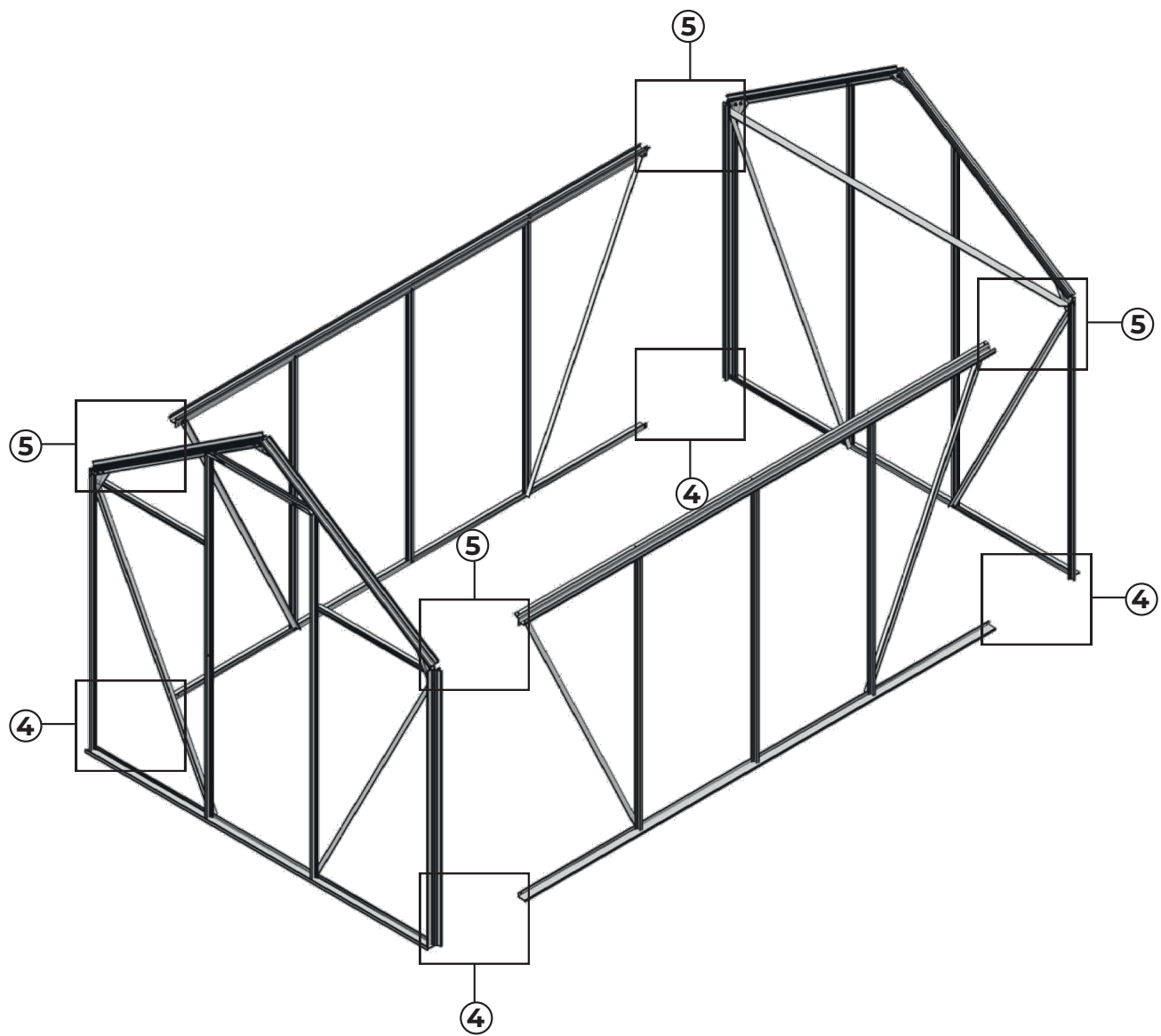
												
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Solstuen	2				4	2				4	20	20
Solstuen		2			6		2			4	24	24
Solstuen			2		8			2		4	28	28










Seen from inside

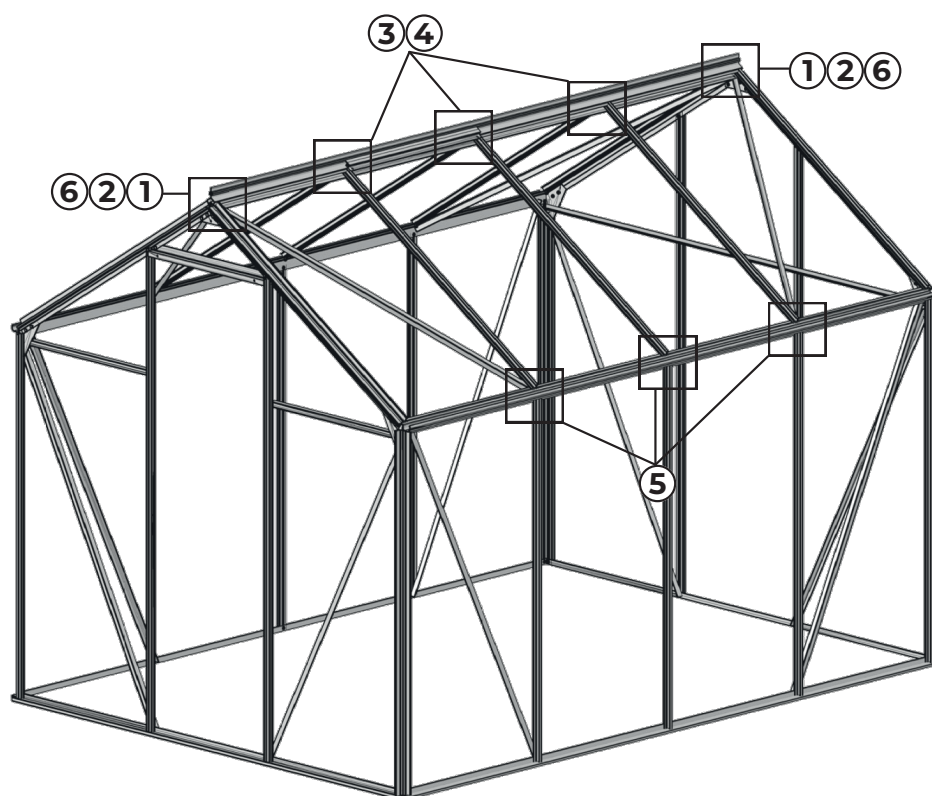


SIDE WALL

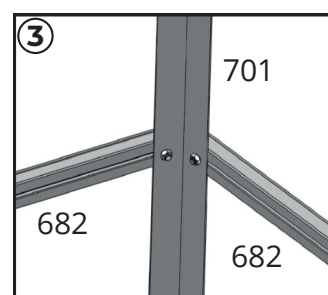
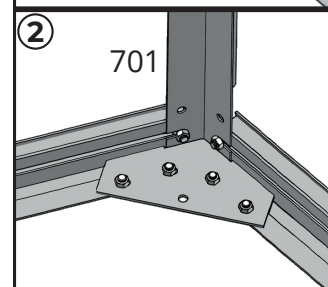
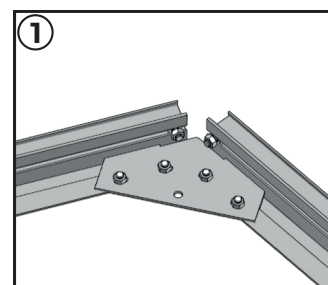


ROOF

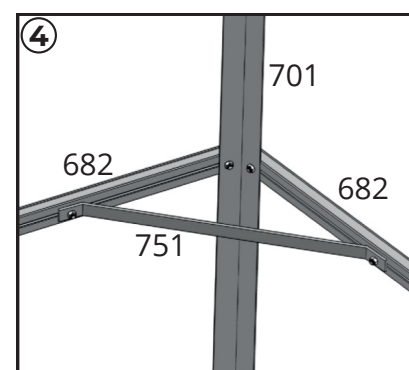
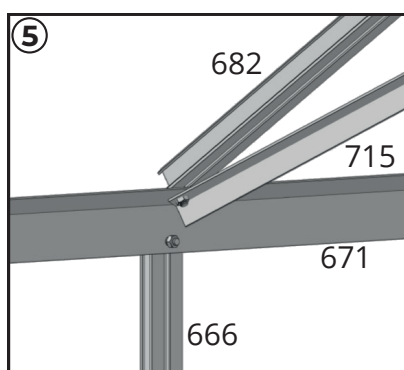
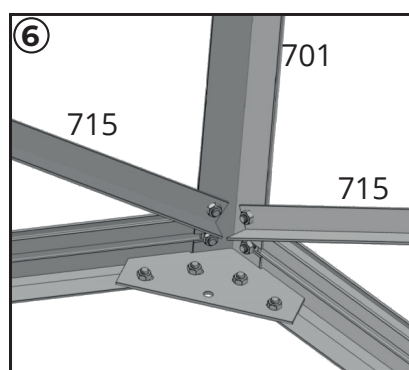
										
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mm	2108	2802	3496	4190	1198	1375	400	M6x10	M6	-
Solstuen	1				4	4	-	20	20	2
Solstuen		1			6	4	-	24	24	2
Solstuen			1		8	4	4	36	36	2



















Seen from inside

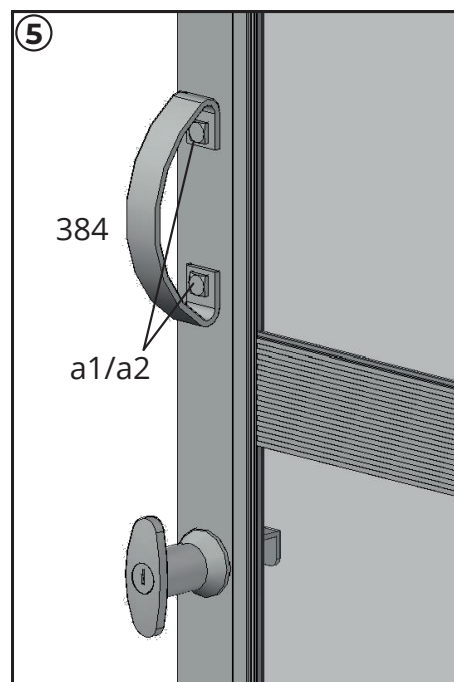
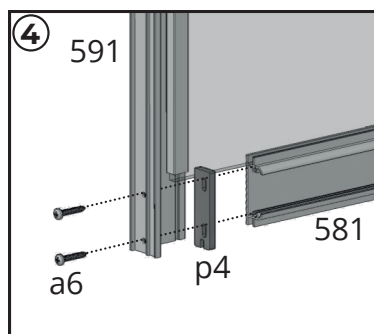
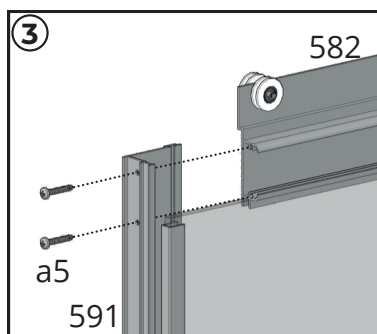
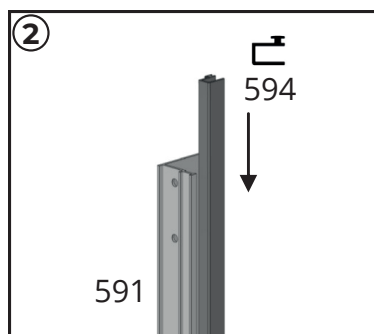
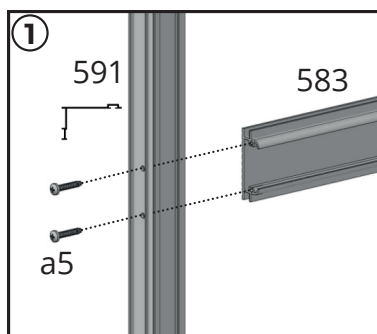
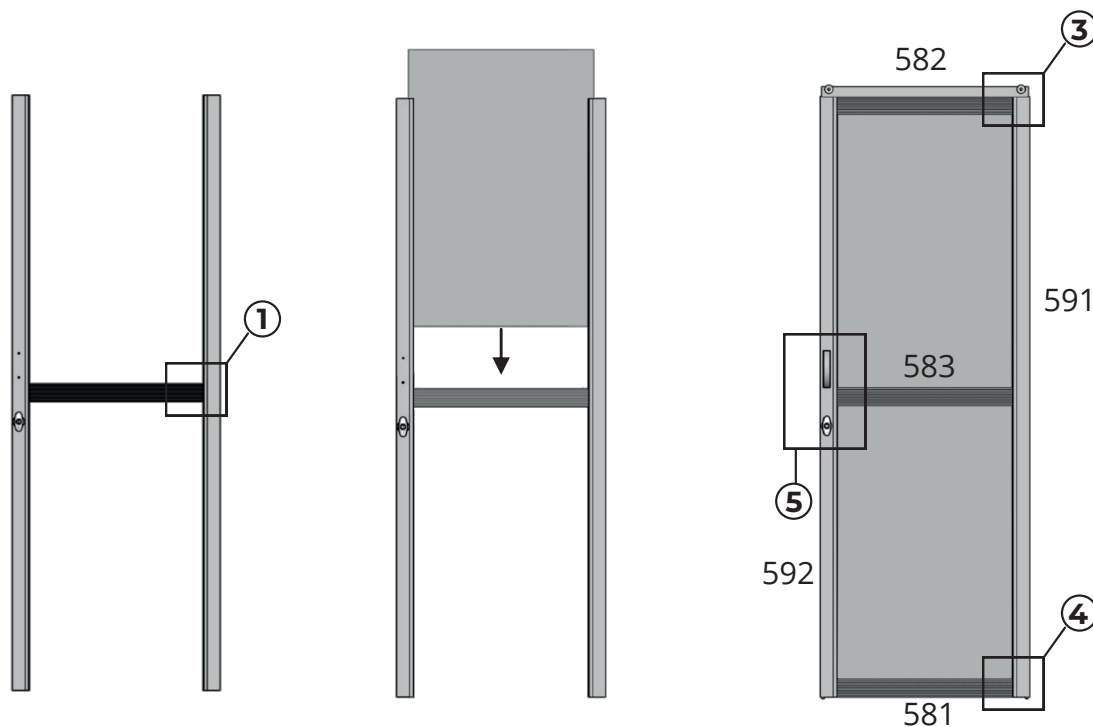


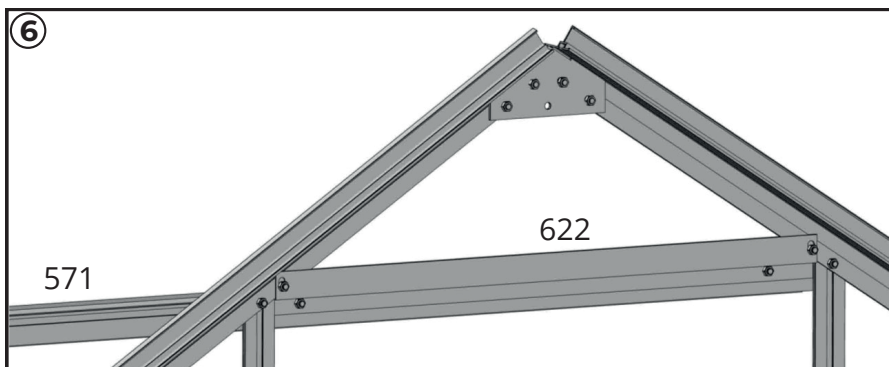
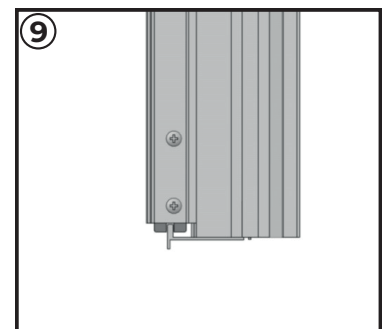
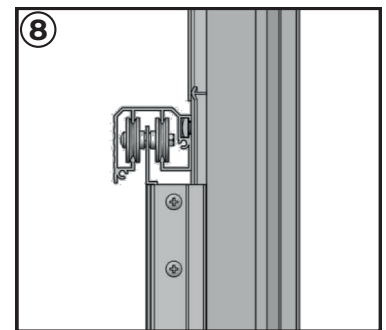
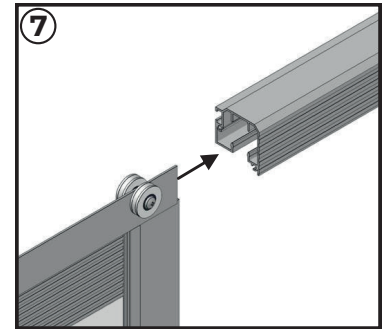
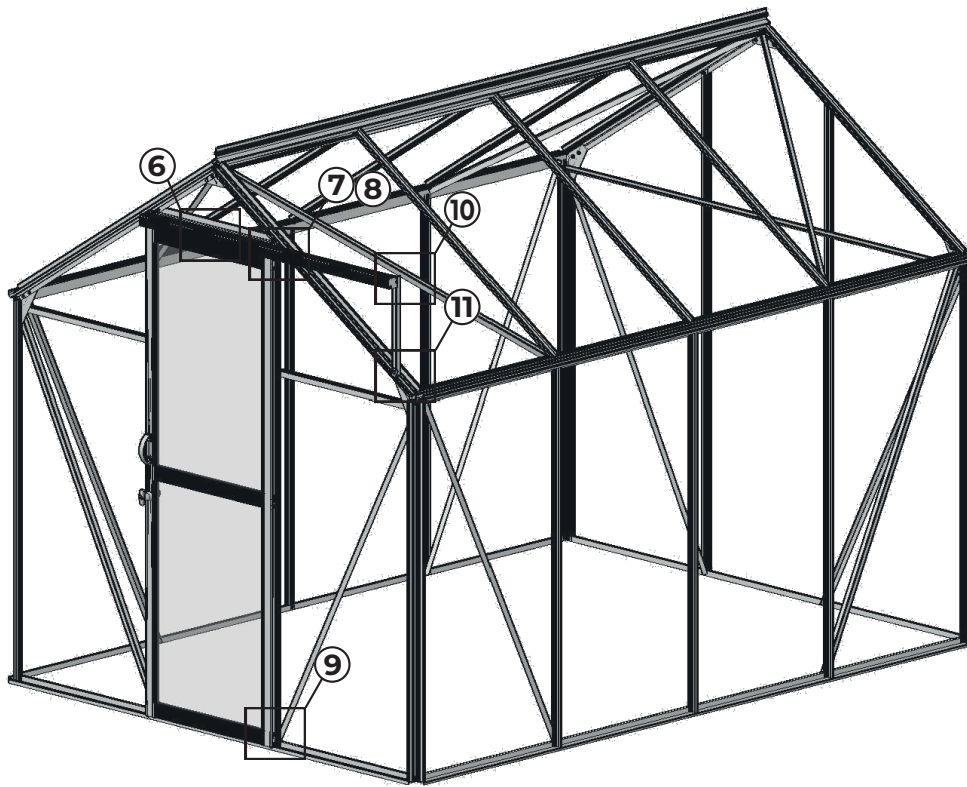
Please add extra bolt into channel for ridge and eave cantilever or window use in advance.



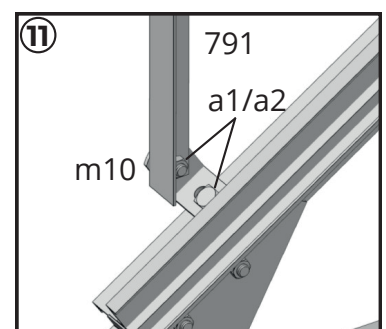
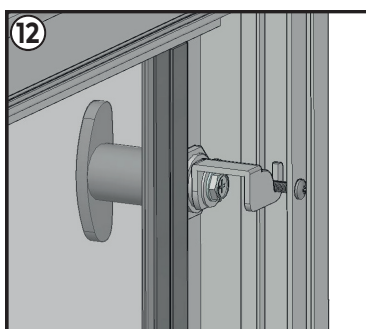
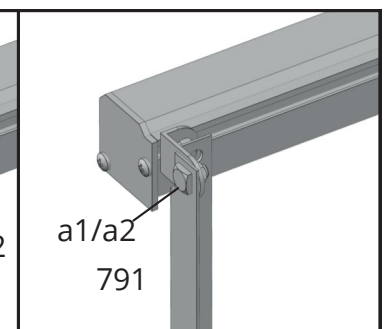
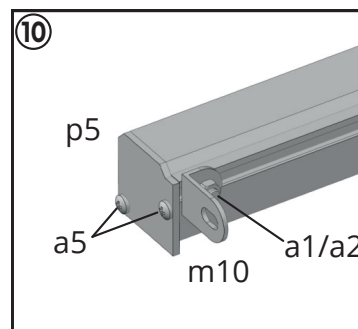
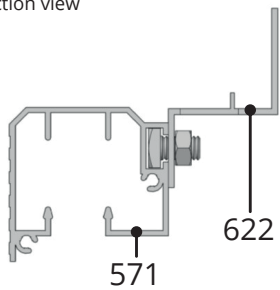
												
#	571	581	582	583	591	592	791	594	384	p4	p5	m10
mm	1265	623	633	633	1942	1942	359	890	-	-	-	-
X	1	1	1	1	1	1	1	4	1	2	2	2

				
#	a1	a2	a5	a6
mm	M6x10	M6	Φ3.5x19	Φ3.5x25
X	8	8	12	4



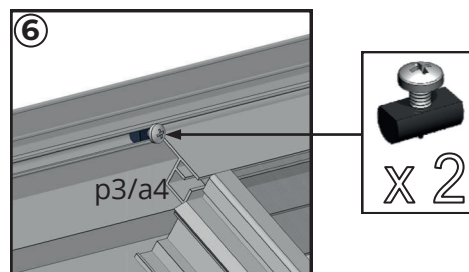
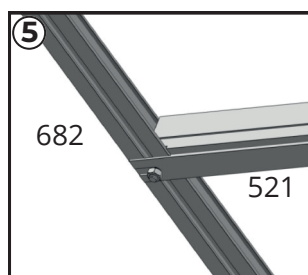
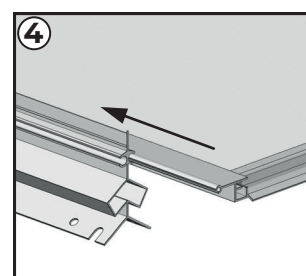
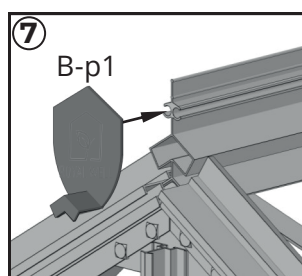
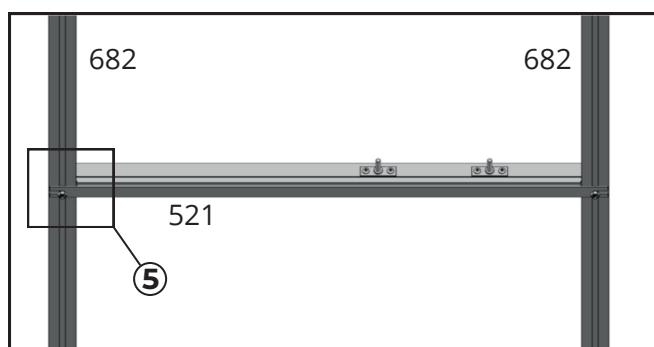
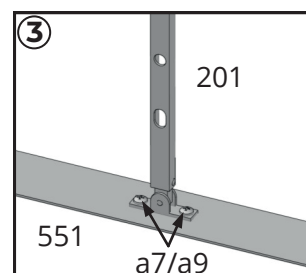
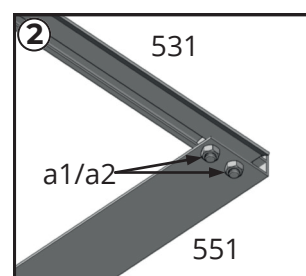
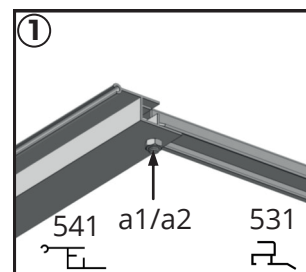
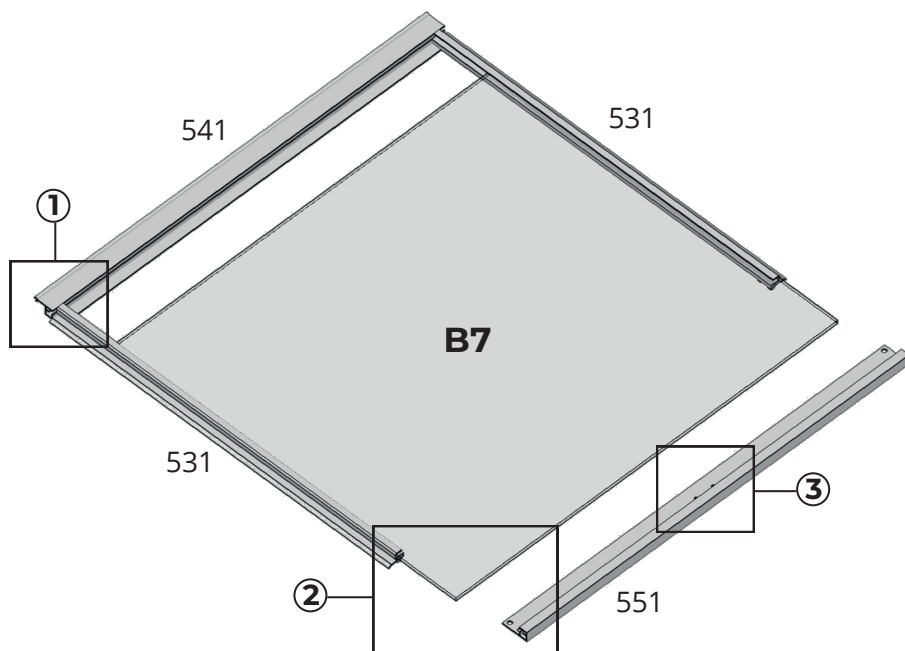


Section view

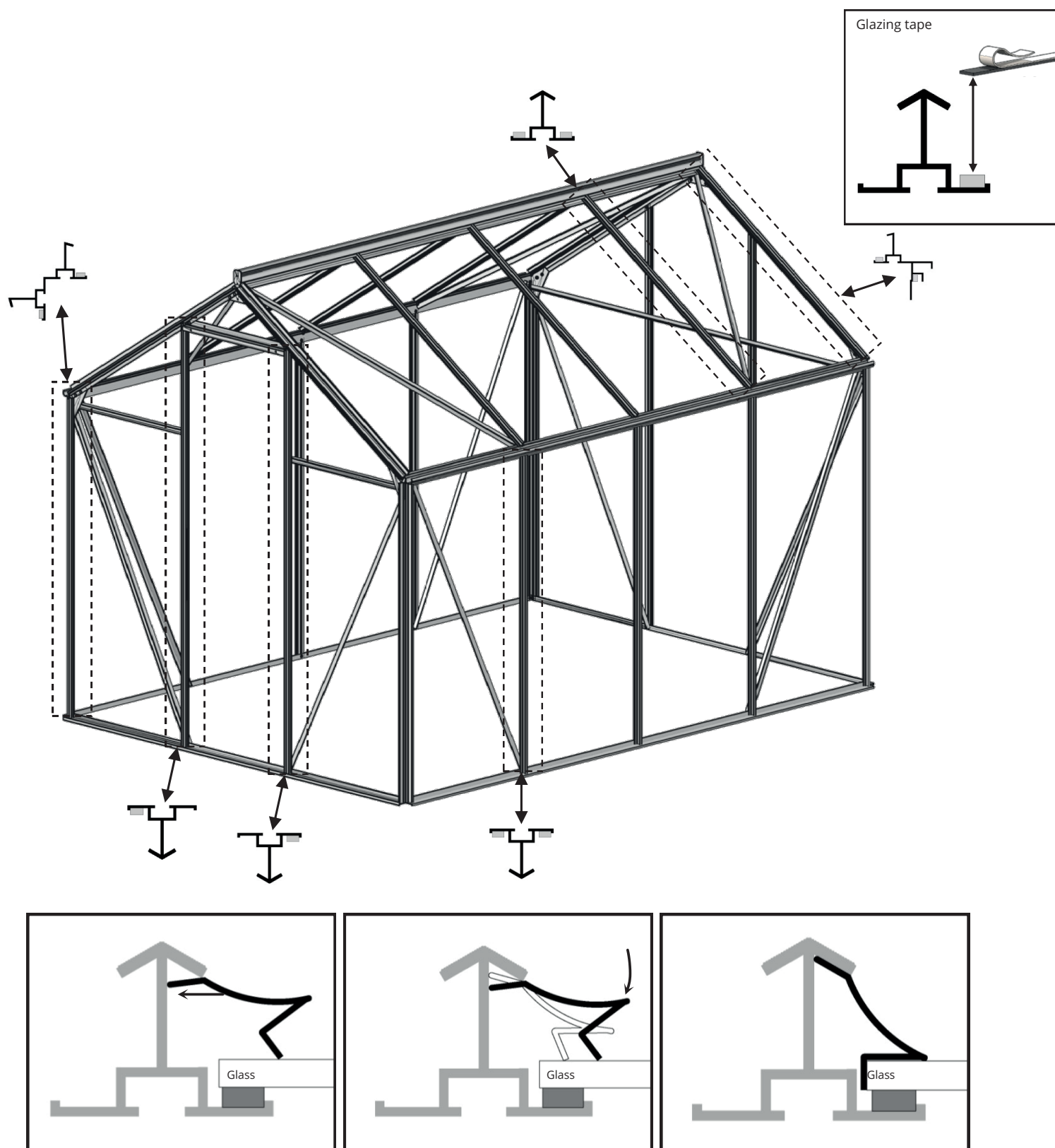


#	521	541	531	551	201	a1	a2	a4	a7	a9	p3	p10
mm	724	695	601	678	300	M6x10	M6	Φ3.9x8	M4x8	M4	-	-
x	1	1	2	1	1	8	8	2	2	2	2	1

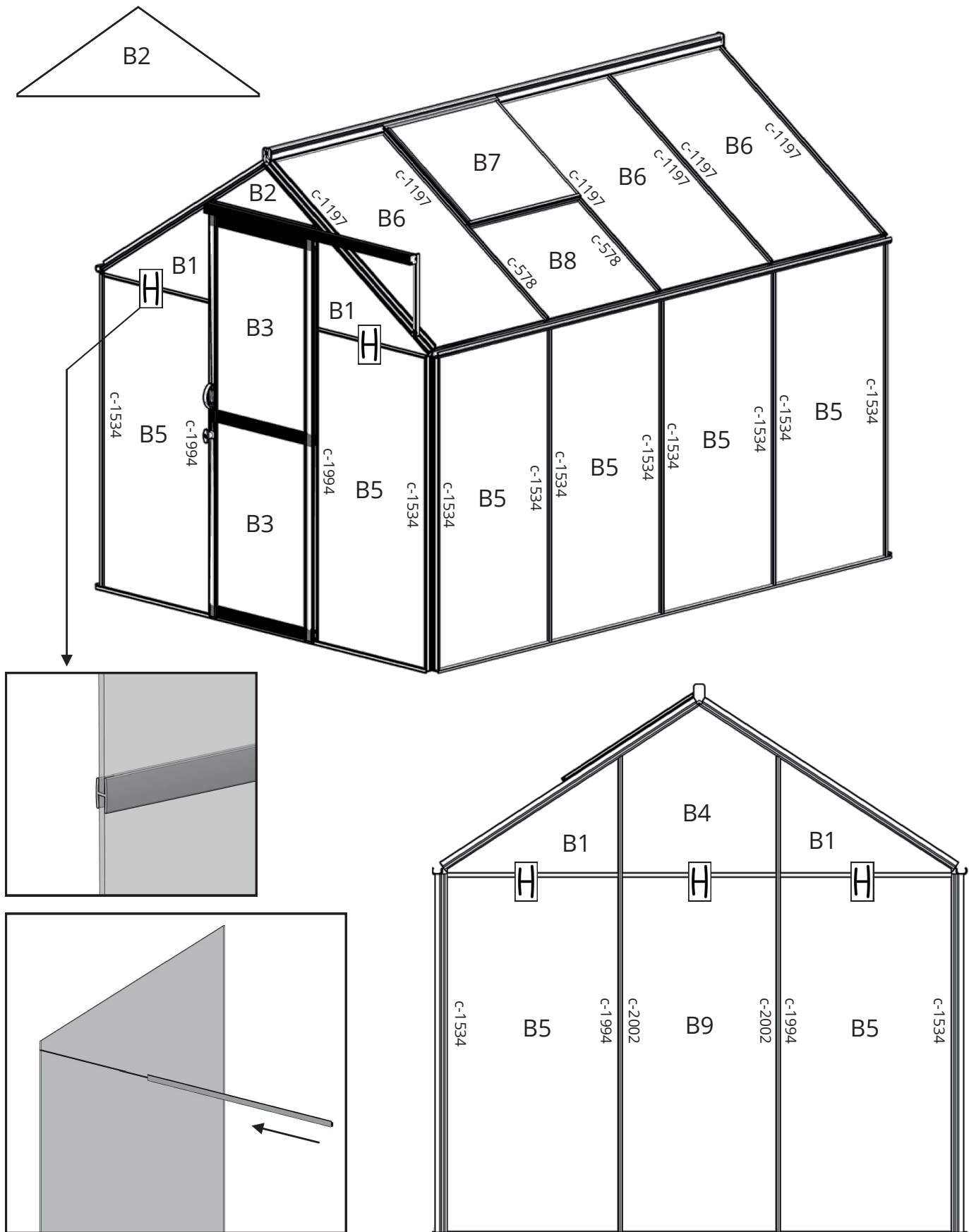
	Solstuen	Solstuen	Solstuen	Solstuen
x	1	2	4	4



Plastic #p3 is used on both sides of the window to keep it from moving side to side. The screw #a4 will expand the plastic #p3 and hold it firmly. Once you located the window, before assembling roof panel, please inser #p3 through ridgepole channel to fix wondow tightly.








On front and rear gable and side wall: Please put glazing tape together with masking paper on glazing bar first, then peel off masking paper from glazing tape before assembling glass panels.



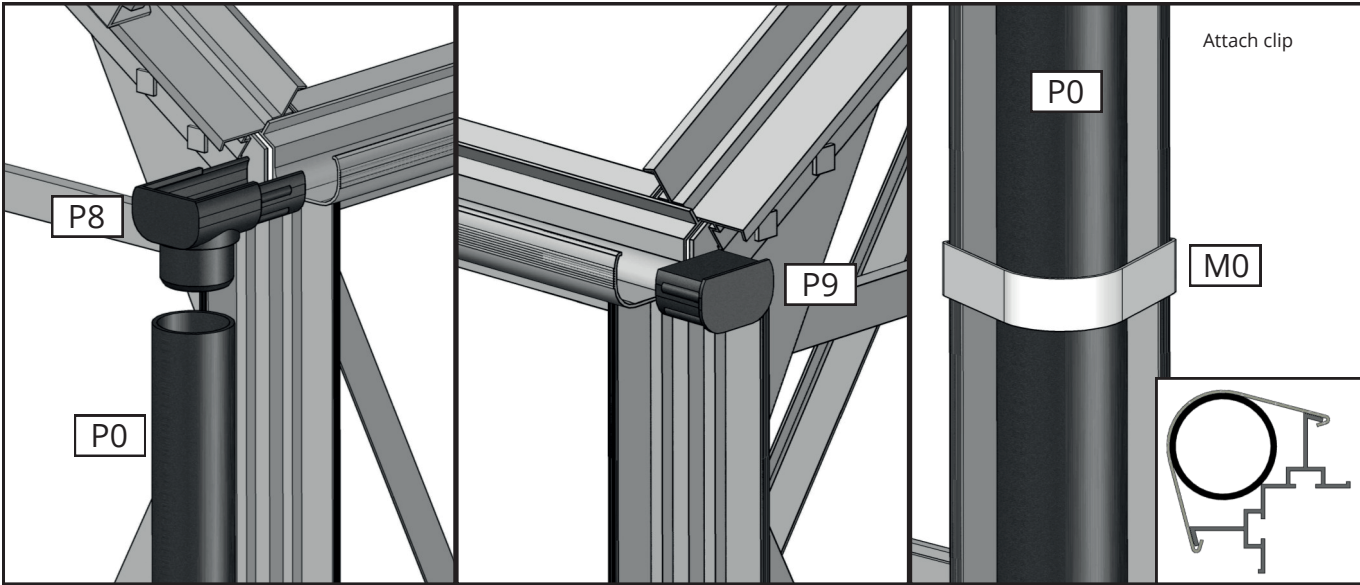
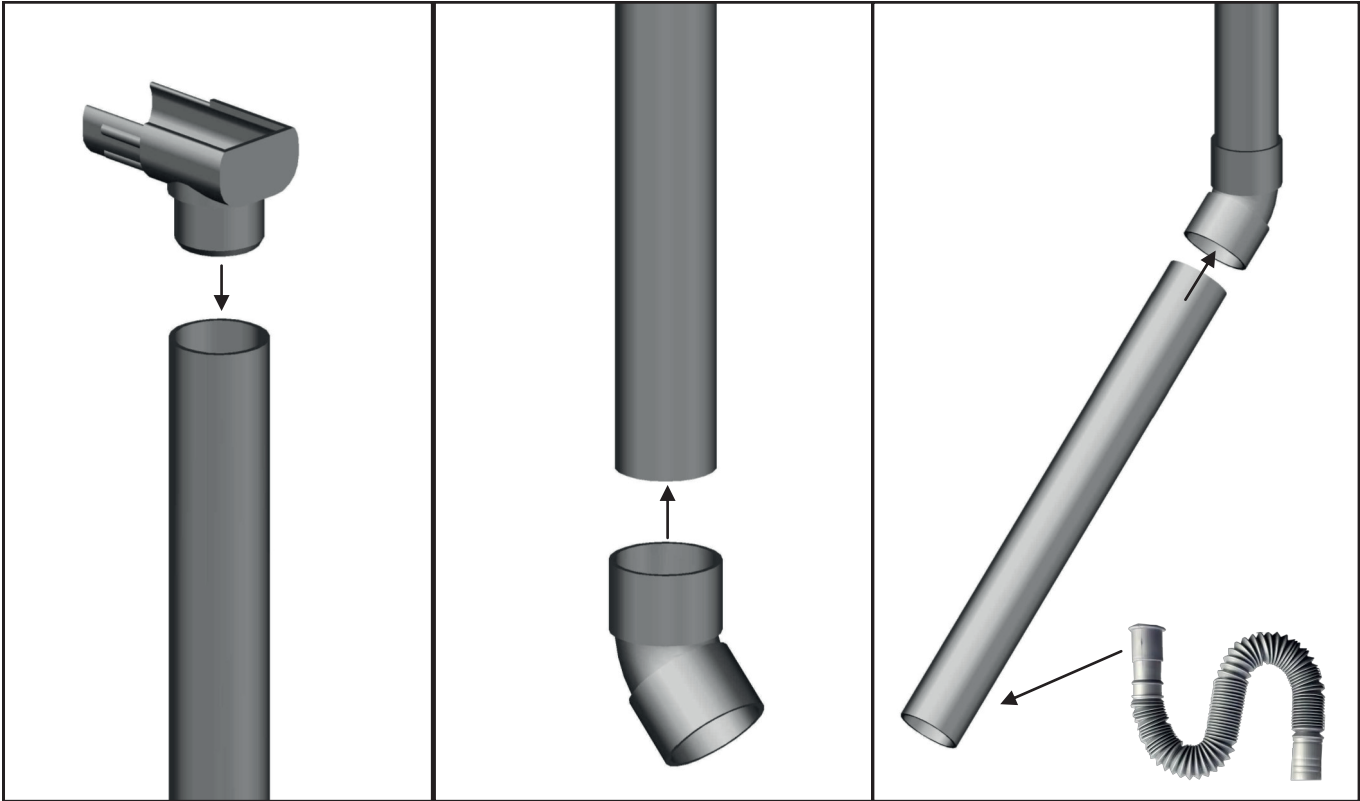
If the H-stack strips are not the right size, they can be shortened.

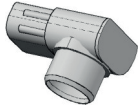
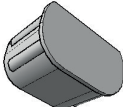

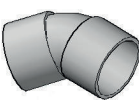





#	mm	Solstuen	Solstuen	Solstuen	
B1	677 x 23 / 462	4	4	4	
B2	609 x 18 / 215 / 18	1	1	1	
B3	572 x 903	2	2	2	
B4	609 x 474 / 672 / 474	1	1	1	
B5	677 x 1532	10	12	14	
B6	677 x 1203	5	6	6	
B7	677 x 624	1	2	4	
B8	677 x 585	1	2	4	
B9	609 x 1532	1	1	1	
H	660	4	4	4	
	592	1	1	1	
	5 meter	11 rol 11 rôl 11 roll	13 rol 13 rôl 13 roll	15 rol 15 rôl 15 roll	

		Glazing tape	mm	Solstuen	Solstuen	Solstuen				Glazing tape	mm	Solstuen	Solstuen	Solstuen	
Front gable	c		1534	2	2	2		Rear gable	c		1534	2	2	2	
			1994	2	2	2					1994	2	2	2	
Roof	c		578	2	4	8		Side wall	c		2002	2	2	2	
			1197	10	12	12					1534	12	16	20	

DOWNPIPE



							
#	P8	P9	M0	P1	P0	P2	FP
mm					1000	200	320
X	2	2	2	2	2	2	2

* We recommend attaching P9 with superglue, which we do not supply.
*
*

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