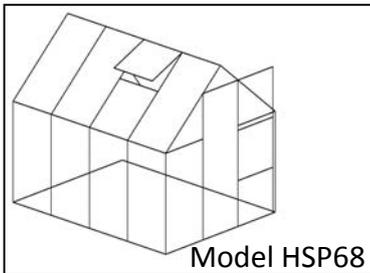
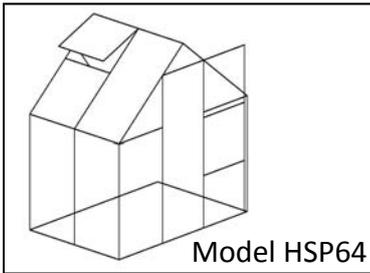


Brighton 6' series Greenhouse

Assembly instructions



Walk-in Greenhouse

Statement

Dear Customer!

May we congratulate you on your new Greenhouse.

We feel sure that by following the detailed assembly instructions you will find as much pleasure in actually building the greenhouse as the time you will spend in your greenhouse in the future.

The assembly instructions mainly consist of detailed illustrations and no specific technical knowledge is required for the assembly of the greenhouse. The house is packed in one carton and contains all of the sheets of polycarbonate, frames and fittings, including the base.

All of the aluminum profiles are marked with a part number corresponding to the numbers given on the drawings and in the parts list. Nuts, bolts and fittings will be found in the relevant package.

All of the rear gable section frames are in package No.1

All of the front gable section frames are in package No.2

All of the side wall section frames are in package No.3

All of the roof section frames are in packing No.4

All of the frames and components for the window are in package No.5

All of the frames and components for the door are in package No.6

The sheets of Polycarbonate are marked with a part number, but the sizes appear in the overview.

When fitting the Polycarbonate, the side with the opal film/text must face outward.

Accessories

We offer a wide range of accessories which contribute to a better yield and make life easier for the gardener. A selection of the range is shown in the supplements to these instructions. Your dealer will be pleased to assist you with further information and a special brochure.

Protection

In areas where snow might be expected we recommend the following in order to protect your greenhouse:

1. Support the ridge at the center of the greenhouse.
2. Removed larger snow loads.
3. Take precautions against snow falling down, for instance from a roof.
4. Silicone all panels.

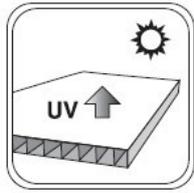
Complaints

We put severe demands on quality to secure that you get a faultless product. However, should a problem occur, we kindly ask you to contact the dealer from whom you have bought the greenhouse. For a quick service, you should specify the extent of the defect by means of the parts list in the assembly instructions. Please also note the model number which is stamped on the front page of these instructions.

Insurance

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

Cautions



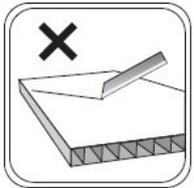
The UV-protected side of the sheet is covered with opal-white film and must face towards the sun. Remove film from each panel as they are installed. Use a marker to place a small "x" on the bottom corner of each face to signify UV coated side.



Please put on gloves to avoid cutting your hands.



Handle with care! Dropping can bend the frame, and it will not fit properly.

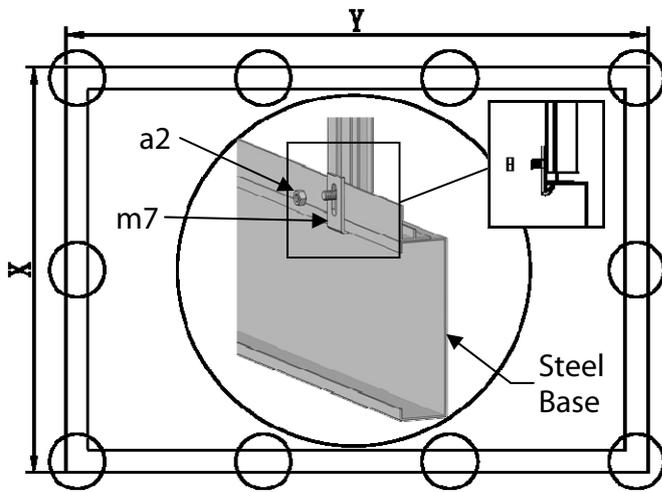


Keep sharp instruments and tools away from the polycarbonate panels.

Tips

1. The base has to be fastened in a non-freezing depth(80cm).
2. The greenhouse is to be fastened to the base.
3. The base has to be 100% level and square. The easiest way to ensure this is to make sure that the two diagonal measurements are identical.
4. We recommend that you grease screws for doors and windows for easier assembly.
5. Erection of the greenhouse should only take place in calm and dry weather.
6. All frames are to be assembled around the polycarbonate as shown on the drawings. We recommend that you start with the back gable.

Base

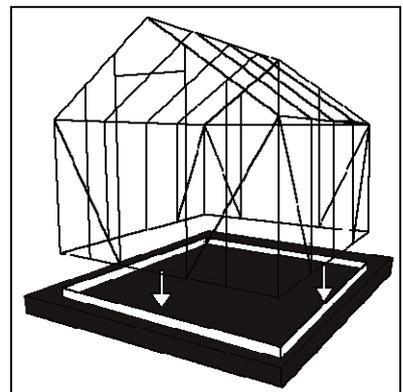
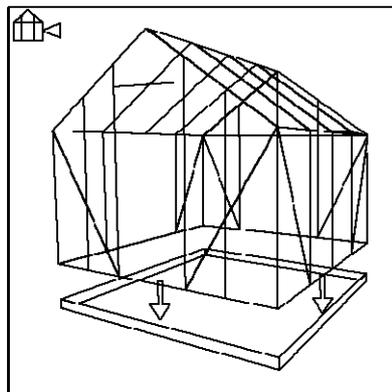
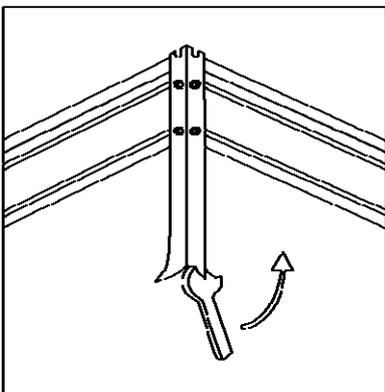
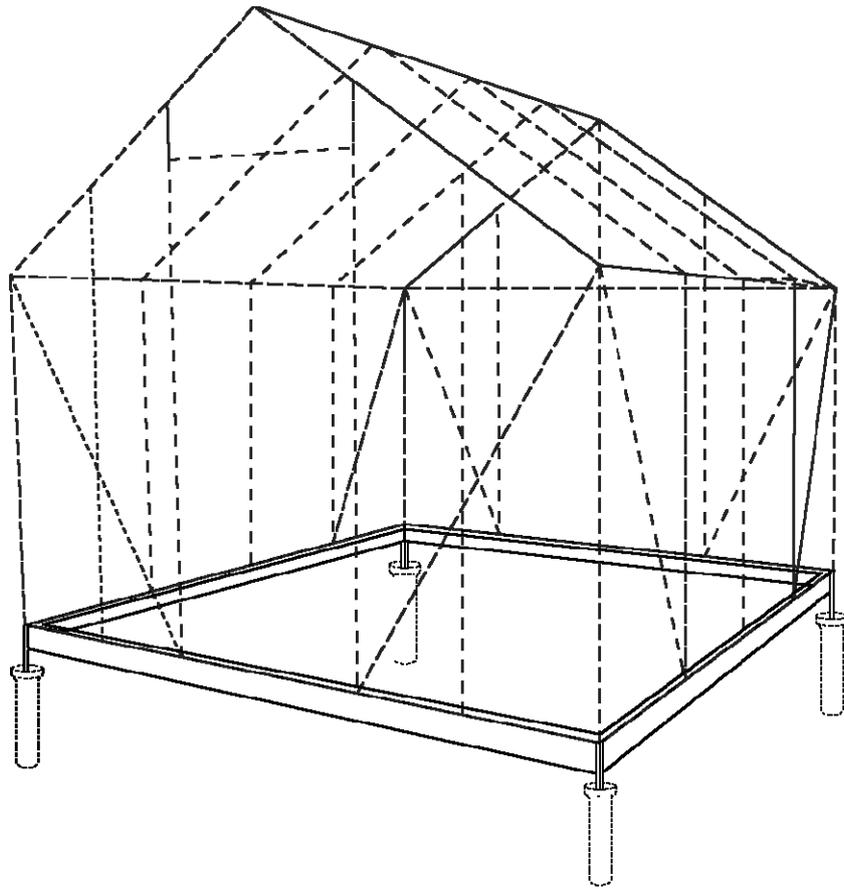


	
#	m7
HSP64	10
HSP68	14

	X	Y
HSP64	1916	1306
HSP68	1916	2526

	X	Y
HSP64	6'3"	4'3"
HSP68	6'3"	8'3"

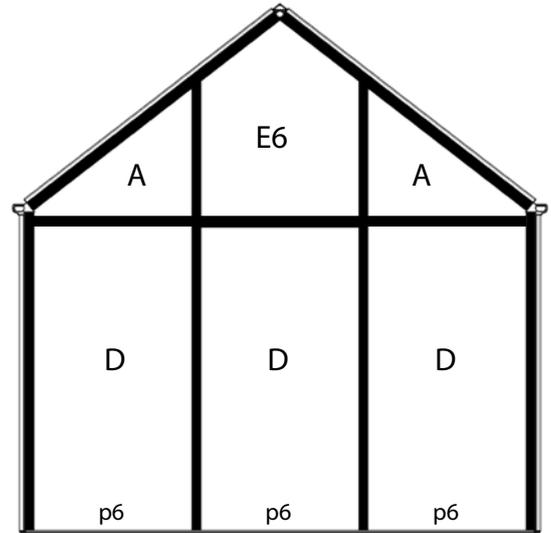
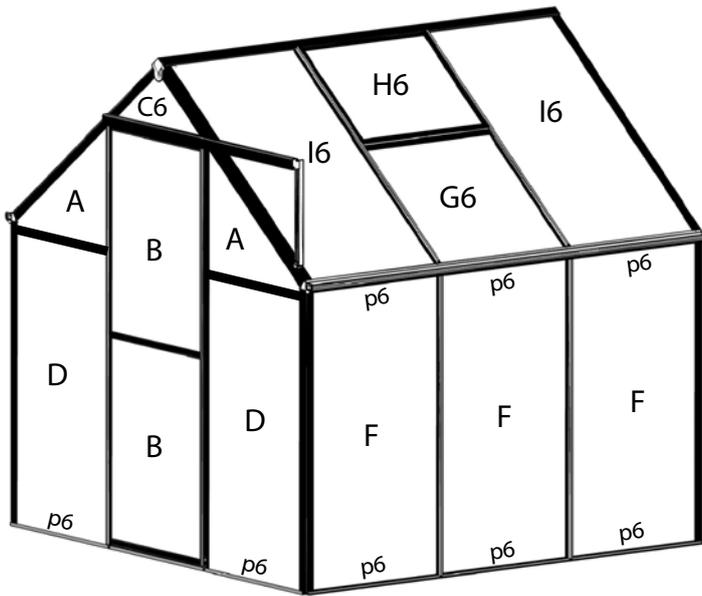
Base



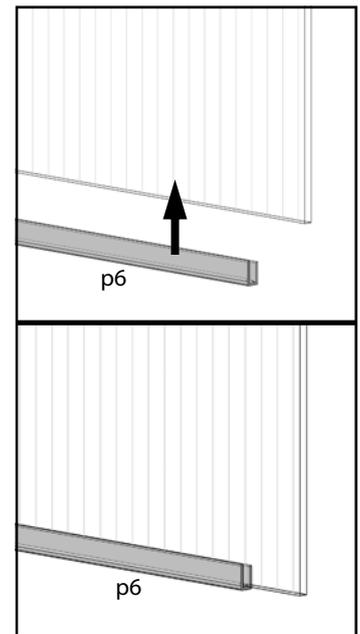
The left top illustration shows length and width marked with “X” and “Y”. Part no.m5 shows a bracket used to secure the inside base when not using the original supplier’s foundation.

Prior to the assembly of the greenhouse, you should have a 10 mm nut driver, 10 mm open-end wrench, Philips screwdriver, square, level, and some WD-40 lubricant.

Polycarbonate sheet



#	Size	HSP64	HSP68
A	596x44/509	4	4
B	596x907	2	2
C6	589x0/227/0	1	1
D	596x1346	5	5
E6	596x522/754/522	1	1
F	596x1393	4	8
G6	596x617	1	2
H6	592x492	1	2
I6	596x1164	3	6
p6	578	13	21



This page shows the positioning of the polycarbonate panels for the front and rear gable as well as the roof and the sides. It also indicates where the parts #p6 is used. When fitting parts #p6 on the ends of the panels, try using a narrow piece of bar soap through the part first. It will allow it to slide on much easier. #p6 must be fitted on both ends of polycarbonate in advance before polycarbonate be inserted into aluminum frame.

The square illustration on the page shows the placement of the gray plastic U shape strips. To transfer the size of the panels from mm to inches, divide by 25.4.

List of Brighton Parts for each section

Section	Part No.	Profile	Size	SP64	SP68
R E A R	4601		1856		1
	4002		1395		2
	4003		1880		1
	4004		1880		1
	4006		1457		2
	4007		580		3
	4608		1856		1
	4609		1144		2
	F R O N T	4002		1395	
4006			1457		2
4007			580		2
4610			1856		1
4011			624		2
4012			1880		1
4013			1880		1
4614			580		1
4616			1144		1
4617			1144		1
4618		1200		1	
S I D E W A L L	4019		1254	2	
	4020		1864		
	4021		2474		2
	4022		3084		
	4023		3694		
	4025		1254	2	
	4026		1864		
	4027		2474		2
	4028		3084		
	4029		3694		
	4031		1254	1	
	4032		1864		
	4033		2474		1
	4034		3084		
	4035		3694		
	4037		1382	2	6
	4038		1500	4	4

Section	Part No.	Profile	Size	SP64	SP68
R O O F	4041		1254	2	
	4042		1864		
	4043		2474		2
	4044		3084		
	4045		3694		
	4639		1144	2	6
	4640		1282	3	6
V E N T	4007		580	1	2
	4056		200	1	2
	4057		594	1	2
	4058		594	1	2
	4659		510	2	4
	4060		300	1	2
D O O R	4061		584		1
	4062		584		2
	4063		1851		2
	4066		410		1
	a1		M6x10	95	118
	a2		M6	106	135
	a3		M6x15	9	13
	a4		Φ3.9x8	4	8
	a5		Φ3.5x19	8	12
	a6		Φ3.5x25	6	6
	a7		Φ4x8	2	2
	a9		M6x10	2	4
	a10		M4x12	1	1
	a12		M4	1	1
	sp1		-	2	2
	sp2		-	4	4
	m1		-	2	2
	m2		-	4	4
	m3		-	4	6
	m4		-	2	2
	m6		-	1	1
	n1		-	2	2
	p3		-	2	4
	p4		-	2	2
	p5		-	2	2
	p6		578	13	21
	FLUFF		1851	2	2

Rear Gable

With this page, you will assemble the rear gable (back). It is far easier if you have an elevated surface such as two 4'x8' pieces of plywood on a sawhorses. If not, lay the aluminum profiles out on a hard surface as shown in the main illustration. Remember you are building from the inside with the outside facing down. Start with one of the "D" panels and build the aluminum around the polycarbonate panel. The polycarbonate side with the opal film/text must facing down.

Square No.1 This the left corner. The square headed bolt slides into the channel in part #4002 and is locked into place with a nut on part #4601. Our bolts and nuts are made of stainless steel.

Square No.4 Part #sp2 is the black plastic spacer which gives the angle between parts #4609 and #4002. Please adjust #m2 in order to match #4608 and #4006 well. Don't forget to leave extra bolts in parts #4003, #4004 and #4007 for later use. #4003 will share square head bolt #a1 with #4608 or #4006 and #4601. #4004 will share square head bolt #a1 with #4608 or #4006 and #4601 also. #4007 need 2 extra bolts #a1 for connecting #4608 later. Do the same for the opposite end.

Square No.4 Once plate #m2 is placed on bolts, attach part #4608 and tighten. You may have to loosen the bolts holding plate #m2 when fitting the gutter in later. Do the same for the opposite end.

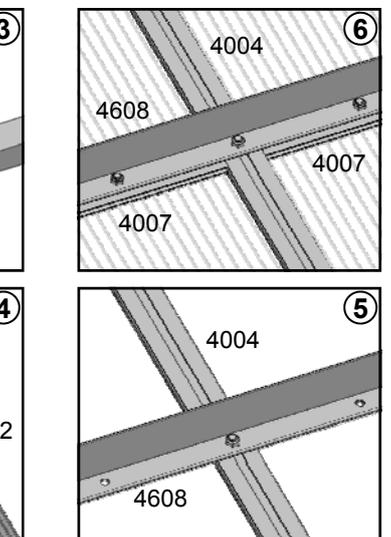
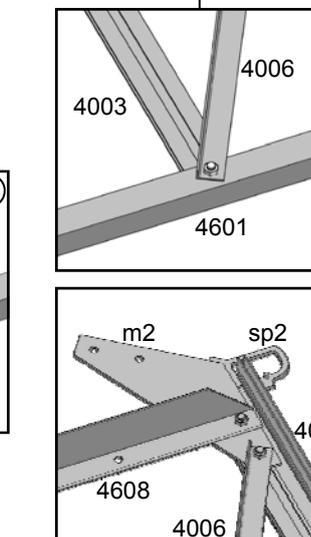
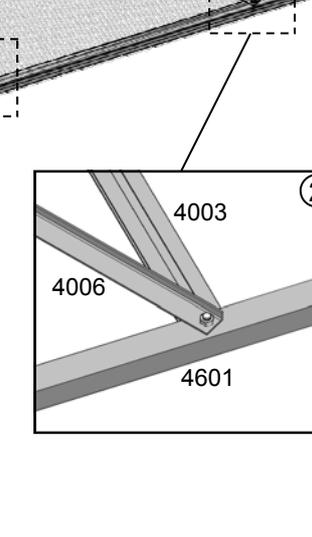
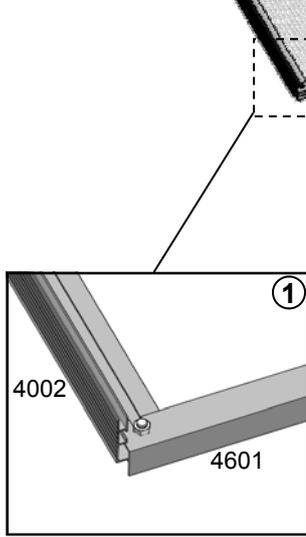
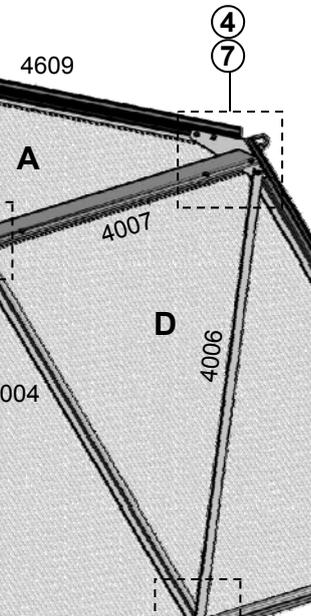
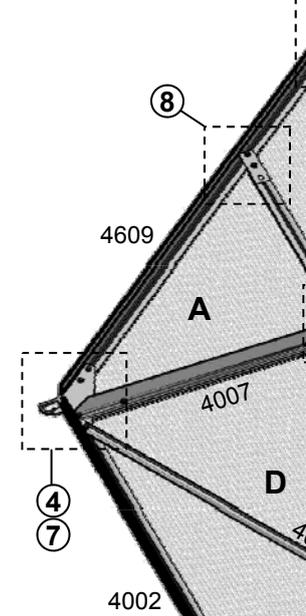
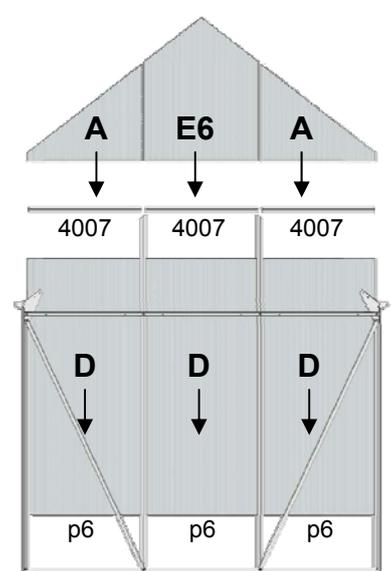
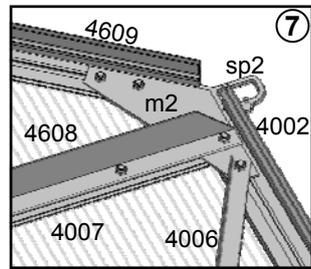
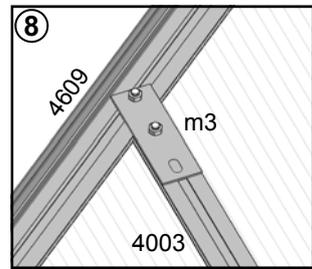
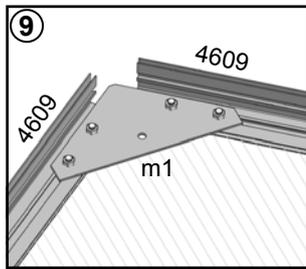
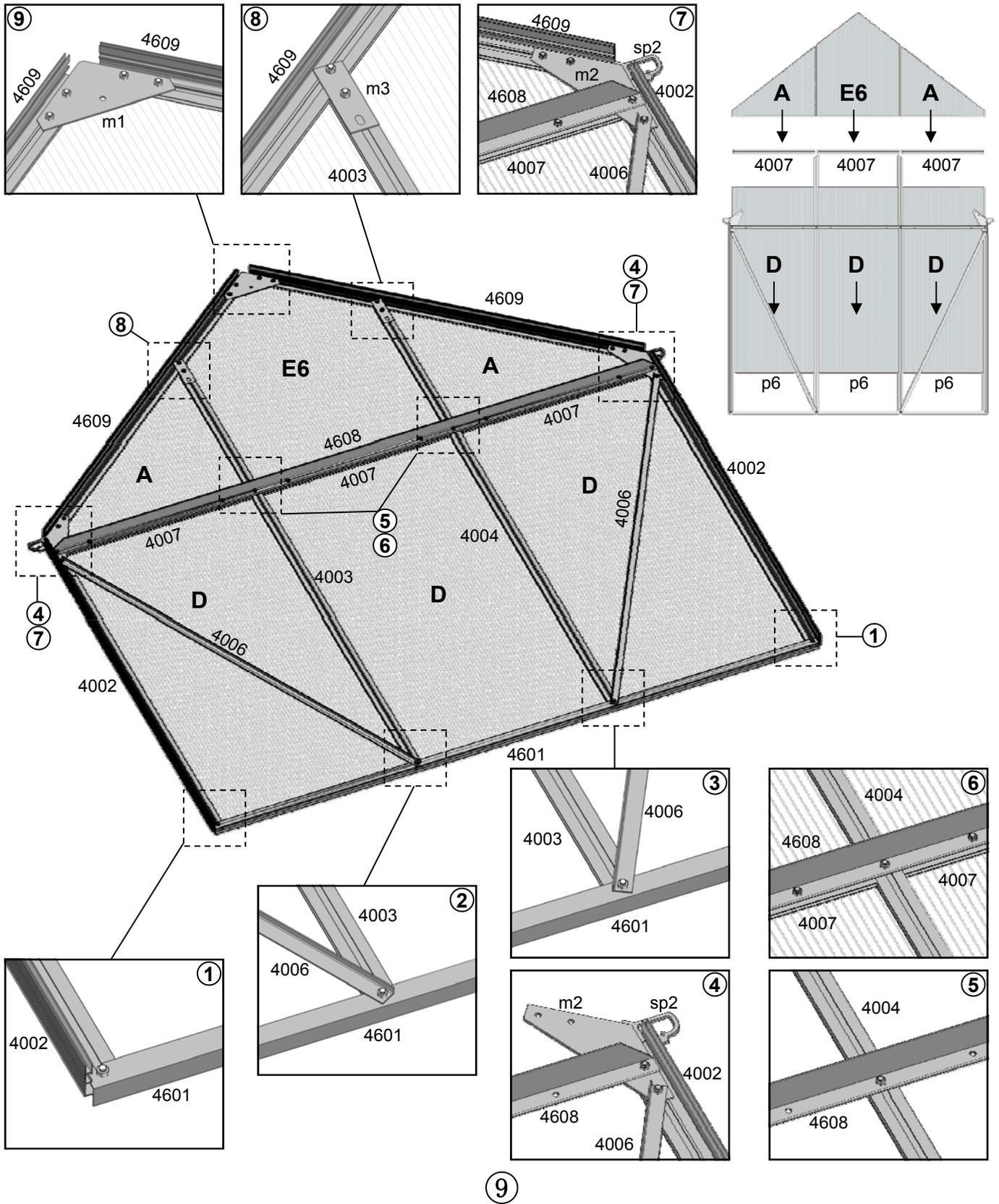
Square No.9 If you cannot get part #m1 to fits into the bolts, spread the angle apart or push it together. It will fit. You may have to loosen the bolts holding plate #m1 when fitting the ridgepole in later.

When finished with the back gable, stand it up out of the wind so it will not blow over. Please remember to add a single bolt and nut to part #4609, depending on which side you have your window (only for SP604). Insert this in the channel of the vertical flange near the center. Finger tighten the nut for later use when mounting the window in the greenhouse.

Rear Gable

Package No.1

1																
#	4601	4002	4003	4004	4006	4007	4608	4609	a1	a2	sp1	sp2	m1	m2	m3	p6
mm	1856	1395	1880	1880	1457	580	1856	1144	M6x10	M6	-	-	-	-	-	578
QTY	1	2	1	1	2	3	1	2	28	28	1	2	1	2	2	3



9

Front Gable

Package No.2

2											
#	4002	4006	4007	4610	4011	4012	4013	4614	4616	4617	4618
mm	1395	1457	580	1856	624	1880	1880	580	1144	1144	1200
QTY	2	2	2	1	2	1	1	1	1	1	1
2											
#	a1	a2	a3	a10	a12	sp1	sp2	m1	m2	m4	p6
mm	M6x10	M6	M6x15	M4x12	M4	-	-	-	-	-	578
QTY	30	32	2	1	1	1	2	1	2	2	2

This page refers to the front gable. It is similar to the rear gable with the exception of the door. It does not have a panel in the center where the door will eventually cover. All the steps are very much like the rear gable with a few exceptions.

Square No.2&3 Make sure the vertical flange of part #4012 & #4013 is toward the center.

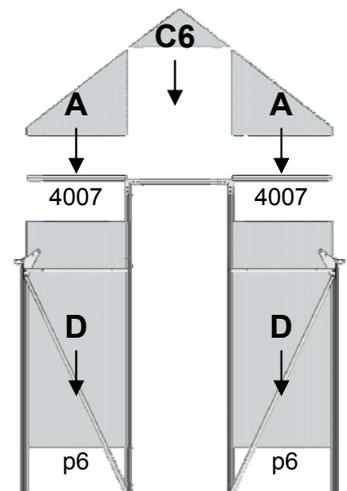
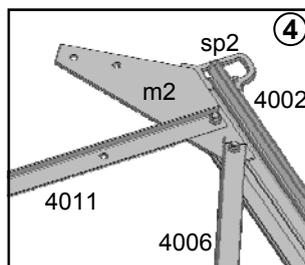
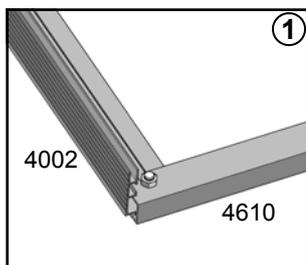
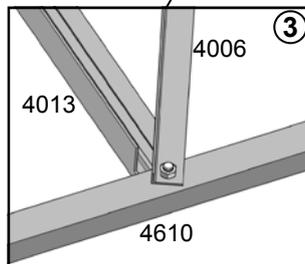
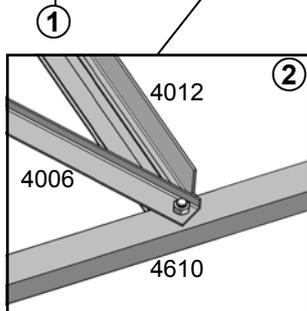
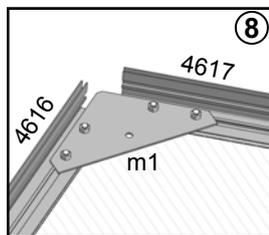
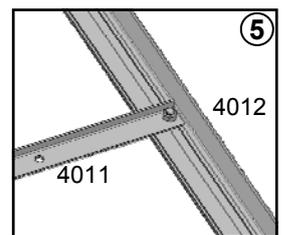
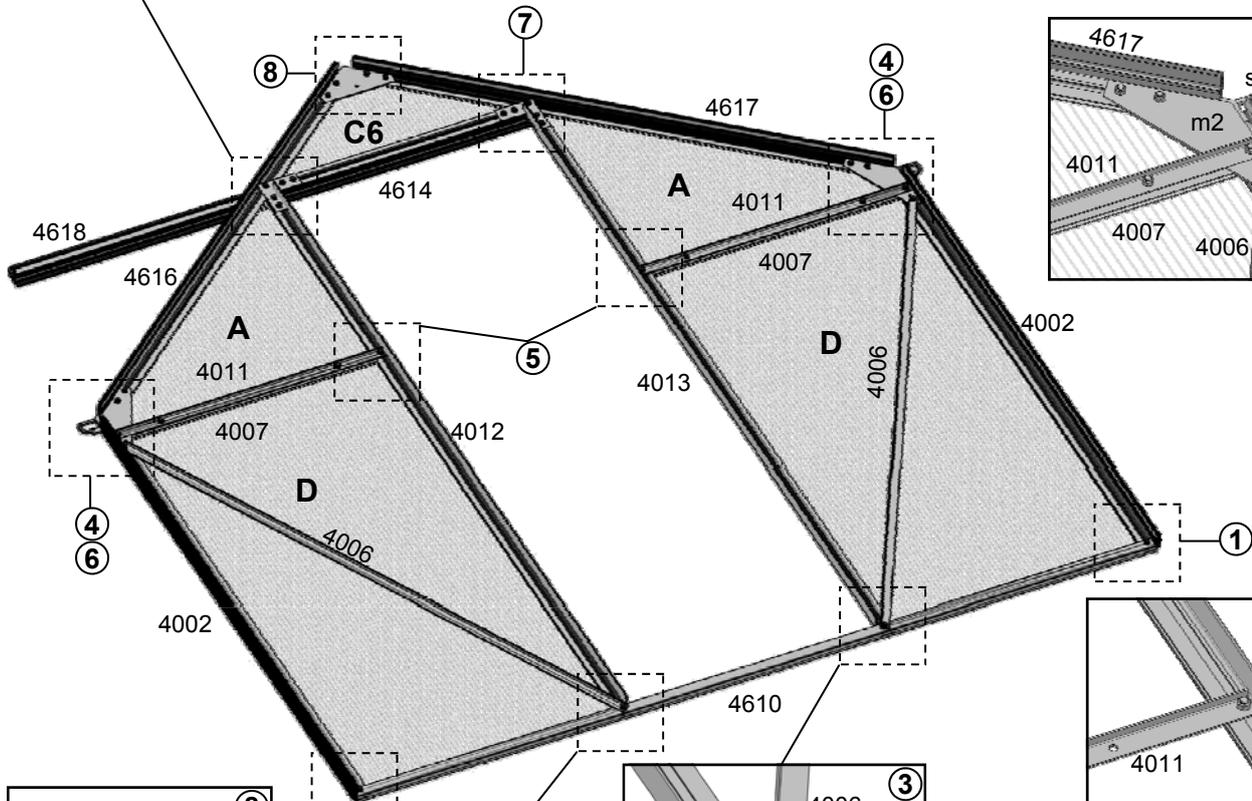
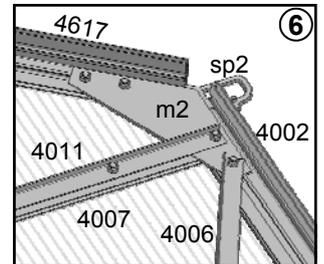
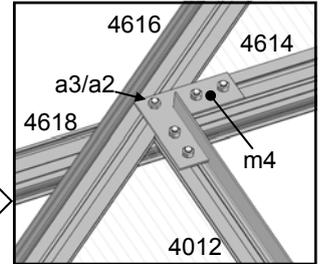
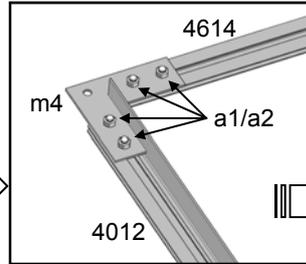
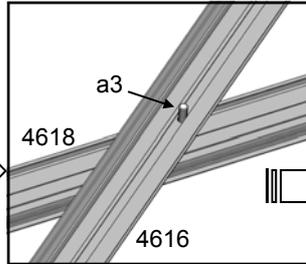
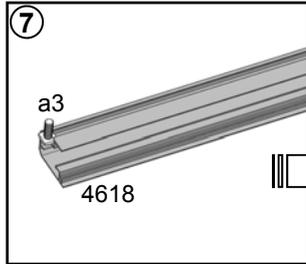
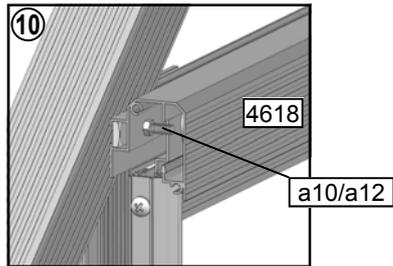
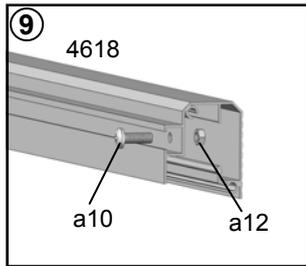
Square No.7 The bolt #a3 is an extra long stainless bolt. Part #4618 is below part #4616 and #4617. The bolt slides into part #4618 and extends through parts #4616 & #4617. Adjust the #m4 before tighten the bolts on part #4618.

Square No. 9&10 Bolt and nut a10/a12 is a door stop, and is pre-assemble on the doortrack part #4618

Once you have finished the front and rear gable, you will find the remaining assembly considerably easier.

Front Gable

Package No.2



11

Side wall

Now you are ready to assemble the sections of the greenhouse.

Square No.1 You are now attaching the ridgepole (#4031~4035) to the gables. This is where you may have to adjust the bolts in plate #m1 to fit the pole into the gable.

Square No.2 This may also require some adjusting of the corner plates, however it will fit very precisely if done properly. If you find you cannot slide the part (#4025~4029) in far enough for the bolt to fit the slot, it may be the corner plate blocking. Use a flat screwdriver to edge the corner plate away from roof corner bar or side corner bar in order to allow the part (#4025~4029) to slide all the way in.

Square No.3 This can be the most frustrating part of the assembly, or it can be one of the easiest. This is where you will use an open-end 10 mm wrench. Because of the tight corner, it is difficult to work with the nut driver. Once you have attached side sill, front sill, rear sill beam or p6 to side corner bar #4002, slide the bolt with the nut partially on up side corner bar #4002. Bring the corner together and slide the bolt down into the slot. Tighten with the open-end wrench.

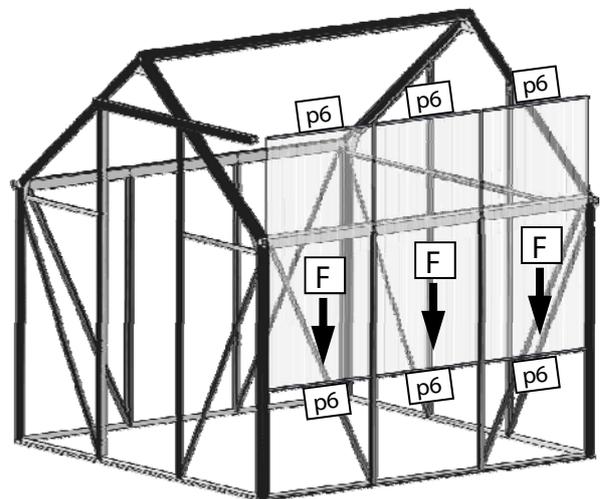
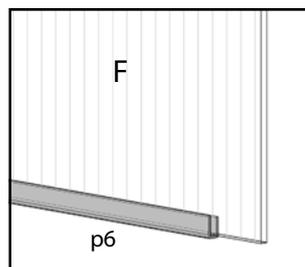
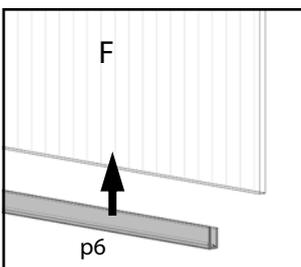
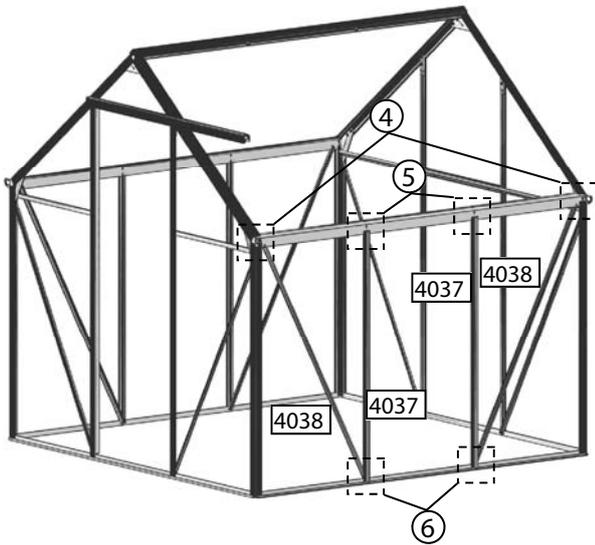
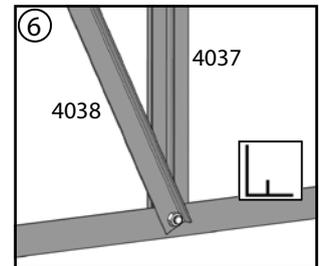
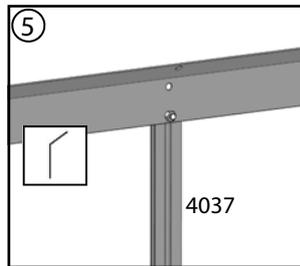
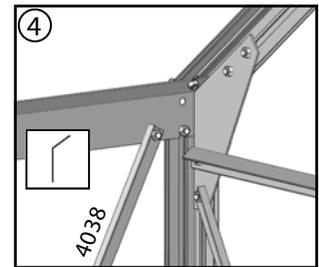
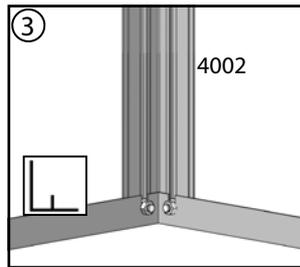
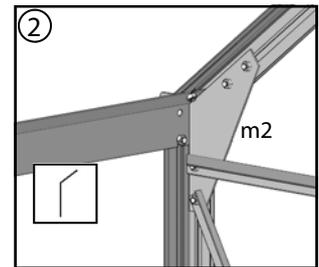
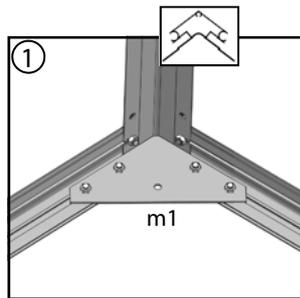
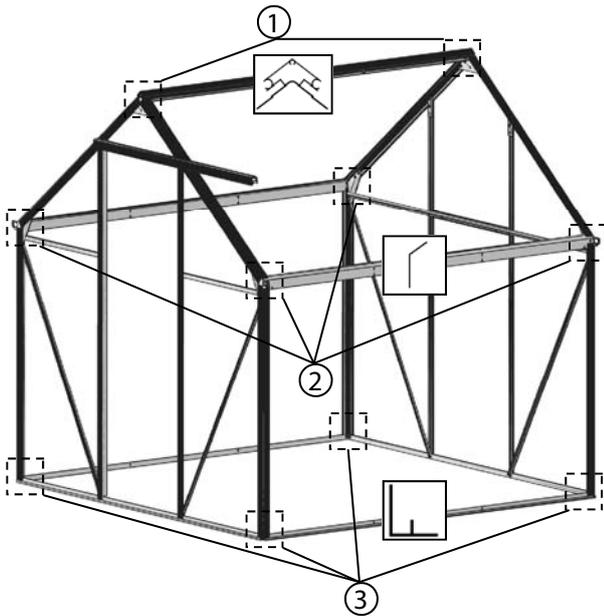
Square No.4 & No.5 Make sure the trough of the part (#4025~4029). You may have to have someone to help you while you assemble. Connect Part #4038 at the trough of the Part (#4019~4023) & Part (#4025~4029) with bolt #a1 and nut a2. Do the same on the opposite side.

Then slide the side panel F with P6 on both ends into the channel of Part #4037 and side corner bar #4002, extend to the bottom of side sill bar.

Side wall

Package No.3

3																						
#	4019	4020	4021	4022	4023	4025	4026	4027	4028	4029	4031	4032	4033	4034	4035	4037	4038	a1	a2	p6		
mm	1254	1864	2474	3084	3694	1254	1864	2474	3084	3694	1254	1864	2474	3084	3694	1382	1500	M6x10	M6	578		
HSP64	2					2					1					2	4	24	24	8		
HSP68			2					2					1			6	4	32	32	16		



Roof

Put window in place before fixing glazing bar part #4639. After window is in place, don't forget inserting #p3 into the both sides of window through ridgepole (#4031~4035) channel to fix window later.

The part #4639 beside window with 3 bolts #a1, for Part #4055 use later.

Square No.1 & No.2 Insert two bolts into part #4639 ,Connect Part #4639 at the trough of the ridgepole (#4031~4035) & part(#4025~4029).Do the same on the opposite side.

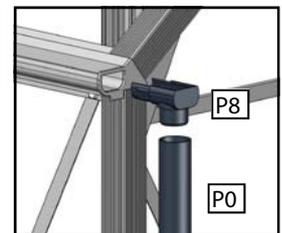
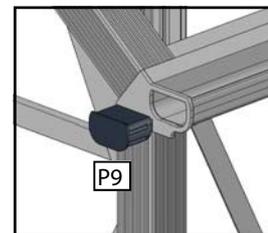
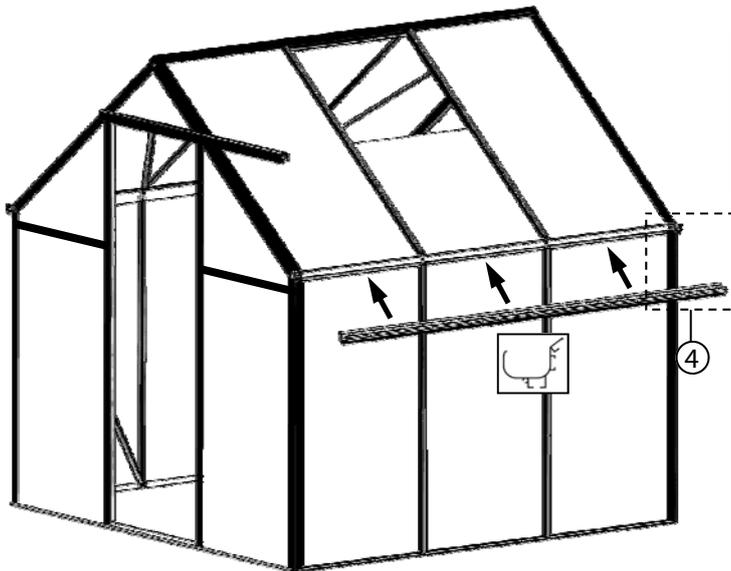
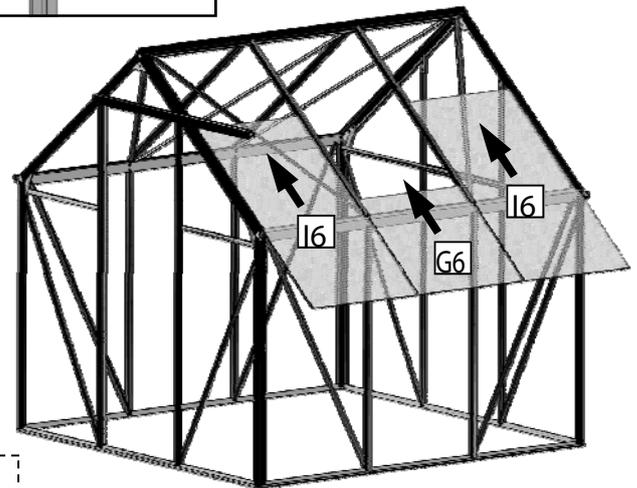
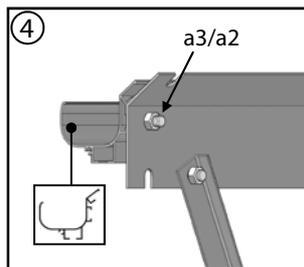
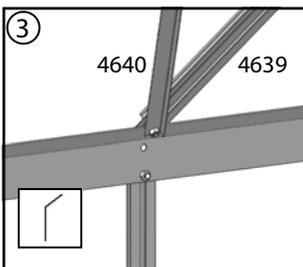
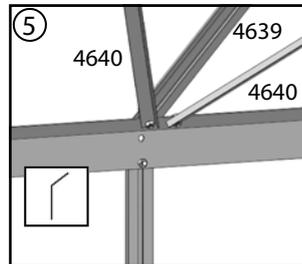
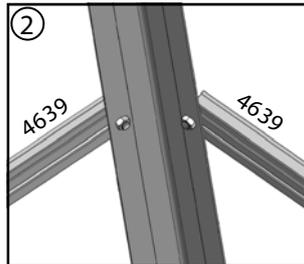
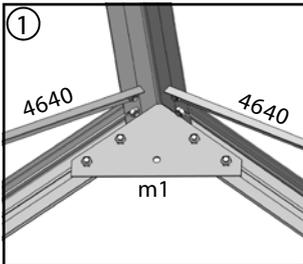
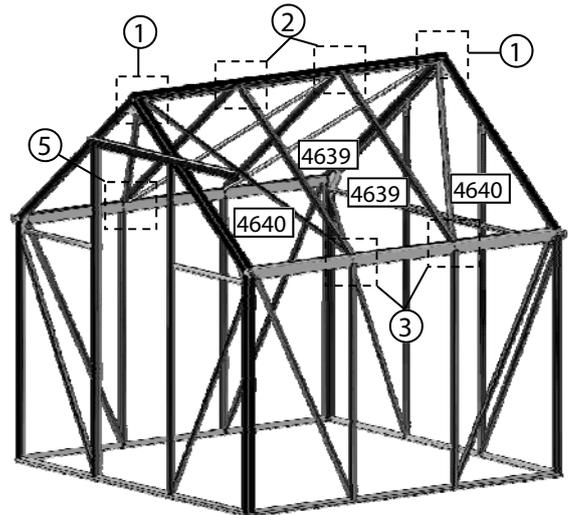
Slide the roof panel #I6 & #G6 directly into the frame from the bottom.

Square No.3 When the roof panel, and side panels are in place, use Part (#4041~4045) to cover Part (#4025~4029) with bolts a3.

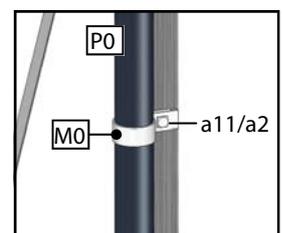
Roof

Package No.4

4										
#	4639	4640	4041	4042	4043	4044	4045	a1	a2	a3
mm	1144	1282	1254	1864	2474	3084	3694	M6x10	M6	M6x15
HSP64	2	3	2					7	13	6
HSP68	6	6			2			18	28	10



#	P8	P9	M0	P1	P0	P2	a11	a2
mm					800	200	M6x25	M6
QTY	2	2	2	2	2	2	2	2



Vent

Square No.1 When mounting part #4056 onto part #4055,the left post should be directly in line with the center of the window.

Square No.3 and 4 When assembling the window using screw #a5, it is essential to use a lubricant on the screws. A power screwdriver here is almost too much force, as it is easy to strip the heads. If possible turn the screws in by hand.

Square No.5 The push rod should be mounted so the handle extends up.

Square No.6 The completed window slide into the ridgepole which act as a self-hinge.

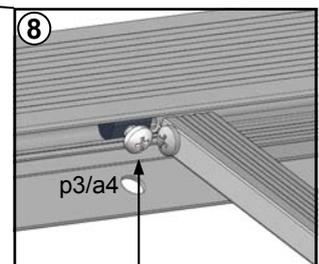
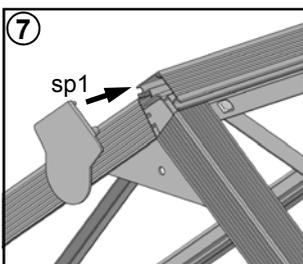
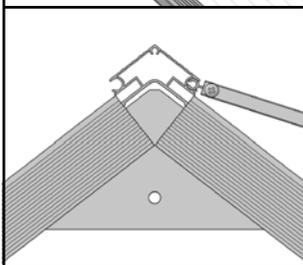
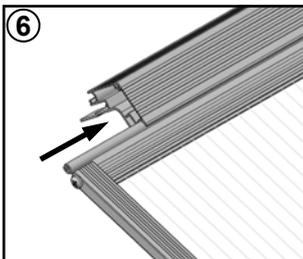
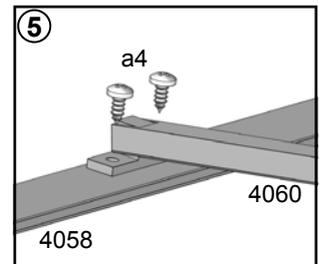
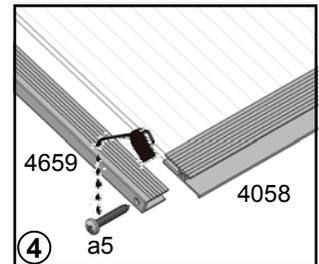
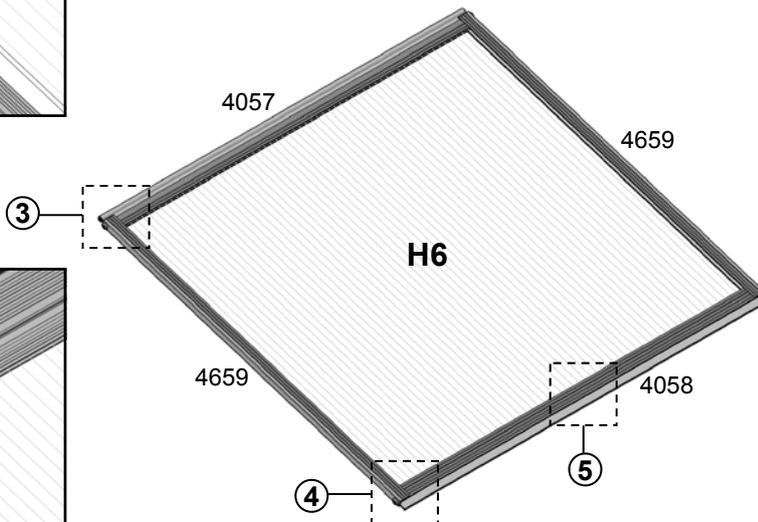
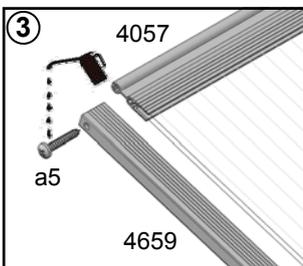
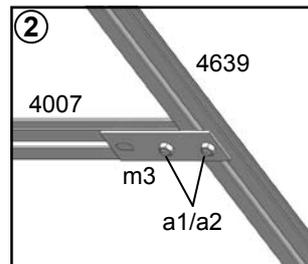
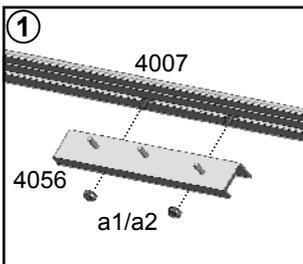
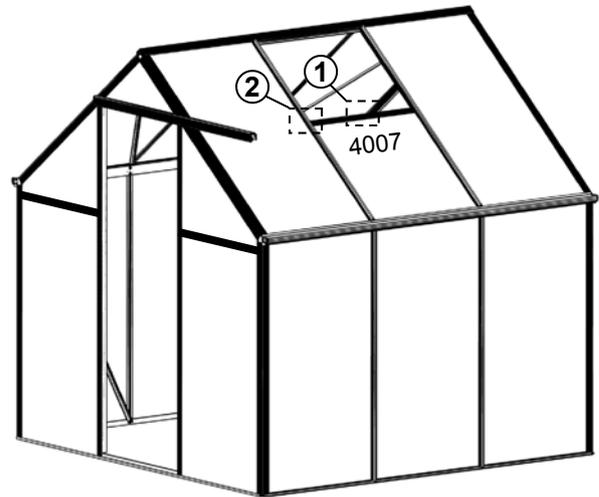
Square No.8 Part #p3 is plastic barrel shaped piece that is used on either side of the window to keep it from moving side to side. The screw #a4 will expand the plastic and hold it firmly in place.

Vent

Package No.5

5													
#	4007	4056	4057	4058	4659	4060	m3	a1	a2	a4	a5	a9	p3
mm	580	200	594	594	510	300	-	M6x10	M6	Φ3.9x8	Φ3.5x19	M6x10	-
Qty	1	1	1	1	2	1	2	4	6	4	4	2	2

	HSP64	HSP66	HSP68	HSP610	HSP612
Vent No.	1	1	2	4	4



Door

Square No. 2 The roller #n1 is to be fixed on the part #4061 with a7 bolt and a10 nut.

Square No.4 When assembling the door, use the same lubricant for the screws. Do not forget the plastic door glides for bottom when assembling the door.

Square No.8 Bolt #a3 is an extra long steel bolt designed to extend through part #4616 & #4617.

Square No.8 Part #4066 is a vertical post used at the end of part #4618 to keep it level. Loosen #m4 to adjust the #4618 in suitable place in order to keep door sliding space.

Square No.9 Bolt and nut a10/a12 is a door stop. You could change to another end of the door track if you want to slid door on another side.

Adjust #p4 to make door sliding smoothly.

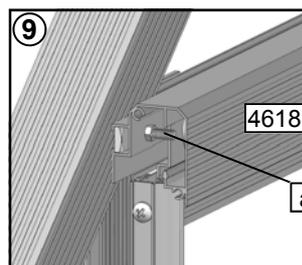
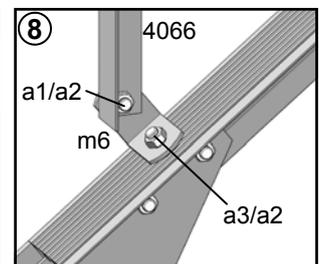
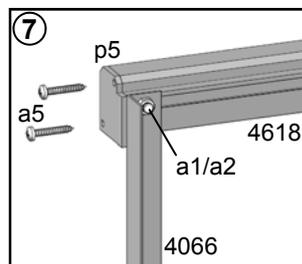
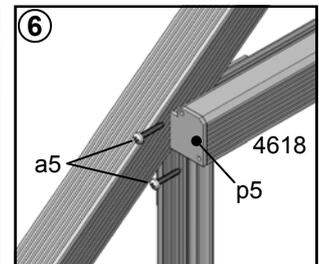
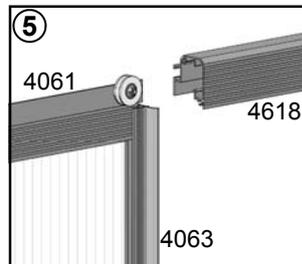
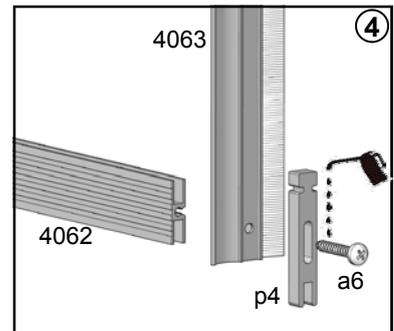
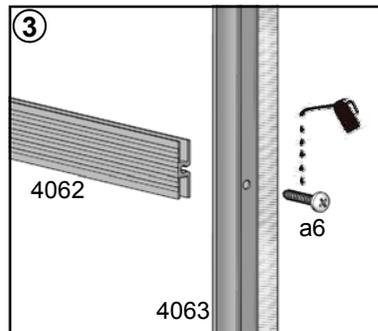
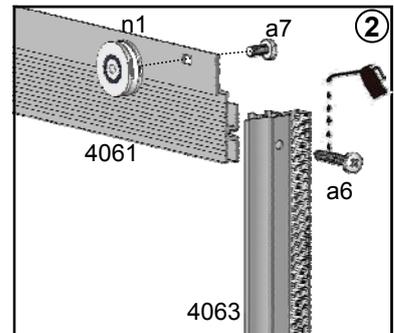
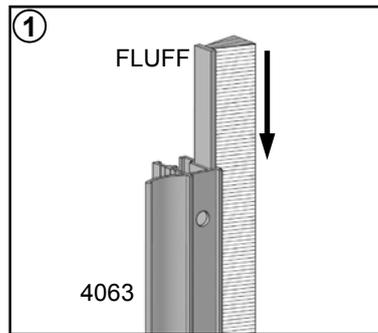
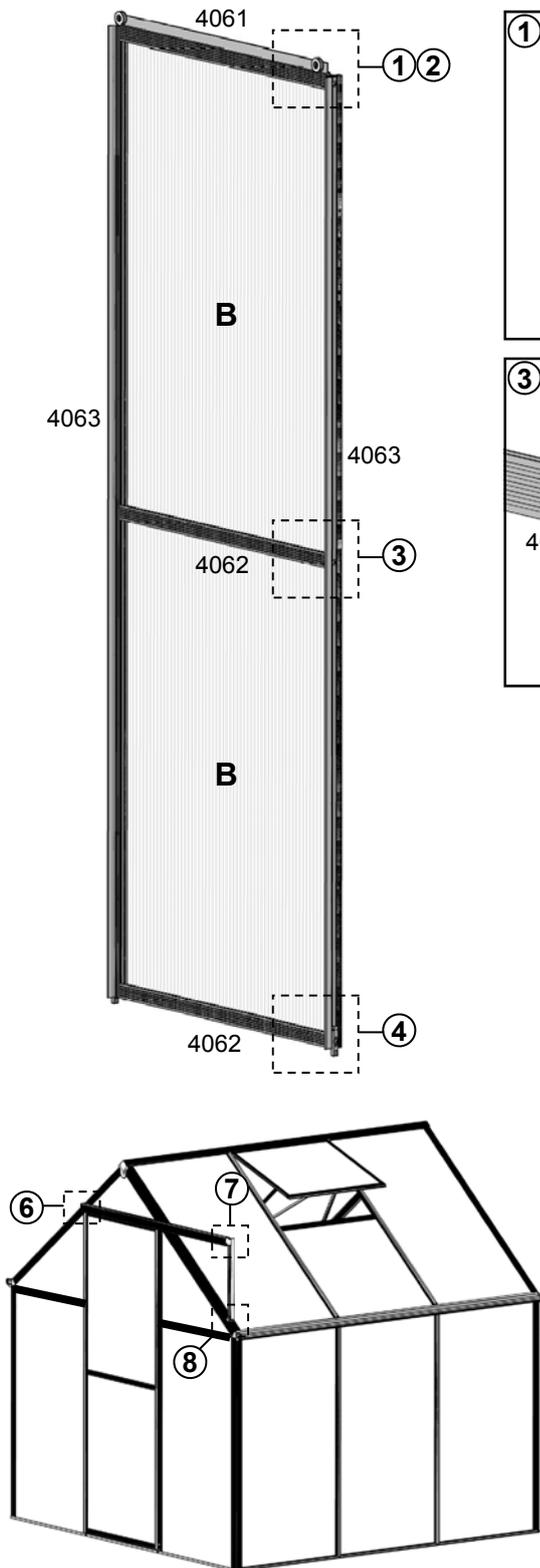
Your greenhouse should now be completed. Make sure you anchor it to the foundation and silicone panels in place to protect your greenhouse from wind and leaks.

If you have further questions or need help assembling your greenhouse. Please call your local dealer.

Door

Package No.6

6															
#	4061	4062	4063	4066	p4	p5	m6	a1	a2	a3	a5	a6	a7	n1	FLUFF
mm	584	584	1851	410	-	-	-	M6x10	M6	M6x15	Φ3.5x19	Φ3.5x25	Φ4x8	-	1851
QTY	1	2	2	1	2	2	1	2	3	1	4	6	2	2	2



The list of parts

	Description	HSP64	HSP68
1	Rear gable	1	1
2	Front gable	1	1
3	Side wall	1	1
4	Roof	1	1
5	Vent	1	2
6	Door	1	1
7	Base connector	1	1
8	Polycarbonate panels	1	1
9	Tools	1	1
10	Assembly Instruction	1	1