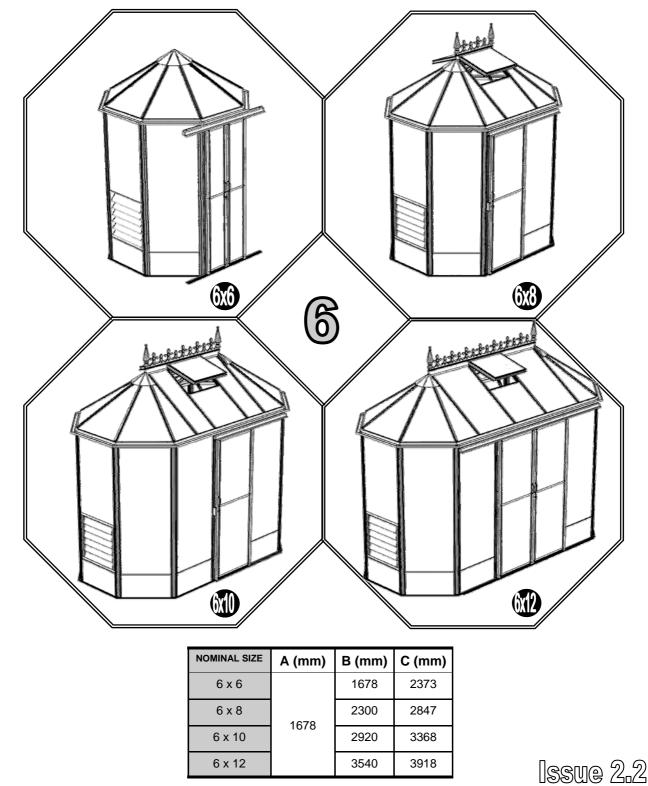


Renaissance Assembly Instructions





Thank you for purchasing your new Robinsons greenhouse. We recommend you familiarise yourself with the instructions and read all safety information before you commence assembly. This instruction manual is also available online at www.robinsonsgreenhouses.co.uk in our technical help section should you need to reprint it. Should you require any additional advice you can always call us on 01782 385409.

These instructions are divided into sections highlighted by a white number/letter on a black background at the bottom corner of most pages (see opposite page for details); **part lists**, **B**-base, **P**-preparation, 1-ends, 2-front/rear, 3-staging, 4-roof, 5-door, 6-vent, 7-cresting, 8-louvre, 9-glazing, 10-vent attachment, 11-door attachment 12-anchoring down. If you need to contact us for assistance please refer to the relevant section/s. Please note that smaller page numbers are also present bottom middle and these should not be confused with section numbers.

Safety Warning

- Glass and aluminium can potentially cause injury. Please ensure you wear protective goggles, gloves, headgear and suitable footwear when assembling and glazing the building.
- Please remember that glass is fragile and should be handled with extreme care. Always clear up and dispose of any breakages immediately.
- Do not assemble the greenhouse in high winds.
- For safety reasons and ease of assembly, we recommend that this greenhouse is assembled by a minimum of two people.
- Please clear all lying snow from the greenhouse roof as it can cause the roof to buckle or collapse.

Site Preparation

- When selecting a site for your greenhouse, it is vital that you choose as flat and level an area as possible.
- A concrete or slabbed base will provide the most solid foundation for your greenhouse.
- IMPORTANT: Do not fix your building down until the building is fully assembled, including glazing.
- Avoid placing your greenhouse under trees or in other vulnerable locations.
- To minimise the risk of wind damage, try to select as sheltered a site as possible, e.g. beside a hedgerow or garden fence.

Additional Considerations

- Please bear in mind that assembling your greenhouse can be time consuming. You may need to spread the construction over two or more days. We recommend that you avoid leaving the building partially glazed. If you ever have to leave your greenhouse half assembled and not anchored down, weigh it down with slabs or bags of sand to stop the wind moving it.
- You will find it helpful to prepare a large, clean and clear area in which to work in. A garage floor or flat lawn area is ideal.
- If you have arranged for someone to install your greenhouse for you, please check that all components are included. Some parts are numbered and can be identified by a stamped or hand written number (without the 'D'). Alternatively, the components can be identified by their distinctive profiles, lengths and quantities detailed in the parts list (see next page). You may find that you have a few additional door related parts which are not mentioned in this manual, they are redundant on this building.



section	TITLE	ASSEMBLY SYNOPSIS: IMPORTANT INFORMATION / CONSIDERATIONS
	PARTS LIST	Most components should have a 'D' code punched into their metal surface. Identify and sepa- rate all like for like components prior to assembly. The 'parts list' also separates parts into the various sections 1 - 12 shown below. Parts can also be identified by their profile pictures and stated lengths etc
В	BASE	Base dimensions and recommendations. Ensure that your base is level as this will make as- sembly of the building, especially the glazing of the roof much more straight forward.
Ρ	PREPARATION	Tools required. <u>IMPORTANT</u> : Use WD40 or similar in the glazing bar channels and insert the black glazing rubber prior to frame assembly.
1	OCTAGONAL ENDS	The ends of the building are almost identical on all length models. <u>IMPORTANT</u> : notice how- ever that on the 6x6 version 2 x special handed cills are utilised at the door end.
2	FRONT / REAR	Please make sure that the gutter containing the 22mm downpipe hole goes to the rear of the building else your downpipe it will interfere with the door.
3	STAGING	Fitting the staging will add rigidity to the structure and help square the structure ready for roof construction. You can choose which height you would like for staging / shelf. Use a tape measure and spirit level to mark the heights of the 'D174' brackets.
4	ROOF	Start with the middle section of the roof and then do the roof bars above the octagonal ends after. You may wish to employ another person to assist at this stage.
5	DOOR/S	Please note that the 6x6, 6x8&10, 6x12 buildings all have different door/s, details are shown over 6 pages, refer to your relevant pages.
6a	VENT	Skip this section if you have the 6x6 model. Once the vent is glazed add silicone to the vent sides and top. Stand the vent/s on their hinge (vent top) and then leave the silicone to set.
6b	VENT SLAM	Skip this section if you have the 6x6 model. The slam bar 'D1009' can be moved up and down between the roof glazing bars so that it can be butted down onto the pane of glass beneath, the autovent will be attached to it later on (10).
7	CRESTING / GUTTER JOINTS	It is a good idea to apply the cresting (not on 6x6) at this stage as the glass will inhibit your movement later on. The cresting is siliconed into place. While the silicone is open it is a good idea to add and silicone the gutter joints at the same time. The cresting interlocks together like a jigsaw. The finials however always have a male tab, one of these tabs will need to be sawn off to allow the cresting to abut it seamlessly.
8	LOUVRE	Two louvres are supplied with each model and they are best fitted in the centre of the octago- nal ends. They attach to the building during the glazing process '8' like a piece of glass with a black separator above and below them.
9	GLAZING	Layout the bar cappings and covers around the building like a sundial checking that all is pre- sent and correct. You can also place the roof cappings in the gutters so they are closer to hand. The glass in the sides has to bevel on the black separator strip which is on top of the 305mm high glass base panels. This bevelling action allows the glass to tuck underneath the gutter canopy. Use the capping and the self tapping screws to then hold the glass in place. The covers then enclose the screw heads giving a neat finish.
10	VENT ATTACHMENT	Take the assembled vent and maneover through the vent aperture. Slide the vent hinge 'D1013' into the end of the ridge allowing the vent the pivot open and closed. Vent stops go either side of the vent to stop any lateral movement. Attachment of the Bayliss XL autovents.
11	DOOR ATTACHMENT	There are three different types of door track depending on which model you have purchased. Please make sure you refer to the one relevant to you.
12	ANCHORING DOWN	Now that the greenhouse is finished and the doors and vents are operating without interfer- ence then you need to anchor the building down using 2" rawl plugs and screws. Use a 7mm masonry bit in a hammer drill to create the holes.

Please be aware that this is a new manual. If you spot any errors or have any constructive comments regarding the manual please email james@thegreenhousepeople.co.uk and I will make the necessary amendments.

In addition any photographs of completed buildings would be most appreciated to add to our portfolio.

Section Ref	Part No.	Section	Size (mm)	6 6	6 8	6 10	6 12		Section Ref	Part No.	Section	Size (mm)	6 6	6 8	6 10	6 12
	D1005	1		4		6				N/A	20	N/A	0			
	D1042 (LH) D1043 (RH)	لاحمد	700	1 1		0 0			-	D1004	1	650		1		
-	D1043 (KII)	n		'		0			+	D1031	*	1270			1	
	D1000	I T	726		(6			-	D1032		1890				1
	D1002		1930		8	3				D1007		955	0	4	8	8
		<u> </u>							4	D1003	Ť	965		8		
	D1022		N/A		8	3				D077			1		0	
-			1000							D1021	A REAL	N/A	0		2	
-	RUBBER	<u> </u>	(1m)		3	2			-	D1037		16	0		2	
	D174		N/A		4	4				F1001		35	0	4 (h	ex he	ad)
	Dioos		700	0						F5006	V 6	M6	0		4	
-	D1005 D1006	1	700 1321	2	2				-		\frown	1000				
-	D1005		1941		2	2				RUBBER	\mathbf{Y}	(1m)	16	24	32	32
-	D1036		2561			2	2	Γ			C					
-	D508		1930	0	2	4	5			D090 + D302 lock = D301		1824		1		
-	D1000		726	1												
	D1041 (+hole)		726	1						D092 + D156 strike =						
2	D1001 (+hole)		1347		1					D303		1824	1	N//	Ą	1
	D1028	Z	1347		1						d i					
	D1029		1966			1					r					
-	D1030 (+hole)		1966			1				D093	1	1004	1	NI/	^	4
	D1033 (+hole)		2586				1			D093		1824	1	N//	4	1
	D1034		2586				1									
_	RUBBER	Q	1000 (1m)	0	8	16	20		5	D094	្រ	1824		1		
	D174		N/A	4	6	8	9			2004	⊢_ ;	1027		'		
	D174	9	N/A	16	17	18	19			D059+ D217 wheel = D060	₩	305	2	0	0	0

	D174		N/A	16	17	18	19
	D275		10	-	BYBOLN bag		-
3	D243	X	N/A	1	bag	of 2	5
	D2042		600	6	7	8	9
	D2014		385		2	1	<u> </u>

D096 + D217 wheel = D307

D061

D095

D062

D097

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Section Ref	Part No.		Size (mm)			-	6 12
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Section	Part	Section	Size	6	6	6	6
Ref	No.		(mm)	6	8	10	12

	D232		905	4	2	4
	D233		797	4	2	4
A	P053		N/A	2	1	2
5	D225	0	610	1 cut	.1	2
	D840B		4000		1	
	D263 Pack of 7		N/A	14	7	14

	D1013	•	580	0	1	2	2
	D1011	۔ ا	453	0	1	2	2
	D1012	Ē	453	0	1	2	2
6	D1010	Ē	534	0	1	2	2
	D1009 PLUS FLUFF	ц Т Т	528	0	1	2	2
	D114	e e	N/A	0	2	4	4
	D220 PLUS FS6060 SCREW	T	N/A	0	2	4	4
	D205R		N/A	0	2	4	4

	D1024		N/A		8	8	
7	ROCRE ALU G/W	22	N/A	0	2 (1.5)	4 (3.5)	6 (5.5)
	ROFIN ALU G/W	Å	N/A	0		2	
	+ DV281 _{spacer}	S.	150	0		1	

	1/2/3	D541	-	1915	14	16	18	19
	4a	D1019		965	0	4	8	8
	2	D814	ᢞᡪ	1883		2	2	
	4b	D1026	ж	970		8	3	
9	1/2/3	D544		1915	14	16	18	19
	2	D836		1883		2	2	
	4a	D1020	r 1	965	0	4	8	8
	4b	D1027		970		8	3	
		D076			1		0	
	D1023			N/A	0	2		
	F	S6018		19		Z	1	

	D514		590	1	N/A		
	D512		1210		N/A	1	
	D864		590	N/A	1	N/A	
	D860	λ Έ	1240		1	N/A	
	D861	▞ᡃᡃᠴ	2450		N/A	1	
	D087		587	1 ^		N/A	
	D088		1207		N/A	1	
m	D081 D083 D085]	1270 1270 2510	1 0 0	0 1 0	0 0 1	
11	D082 D084 D086	٢	1270 1270 2510	1 0 0	0 1 0	0 0 1	
	D163		90		2		
	D150		N/A	1	N/A	1	
	D204L& R /B				1 + 1		
	D845		5	2			
	D312				2		

SYBOLM6X11	Ś	10	48	50	60	61
SYBOLM6X15	R	15	38	38	40	44
SYNUTM6		M6	86	88	100	105
FS6016		10	80	110	130	140
RUBBER TOTAL	Q	1000 (1m)	48	64	80	84

RENAISSANCE EXTERNAL BASE DIMENSIONS (mm)

Model sizes listed are **nominal**, <u>use 'mm' measurements</u>.

MODEL	A (mm) WIDTH	B (mm) LENGTH	C (mm) DIAGONAL
6 x 6		1678	2373
6 x 8		2300	2847
6 x 10	1678	2920	3368
6 x 12		3540	3918

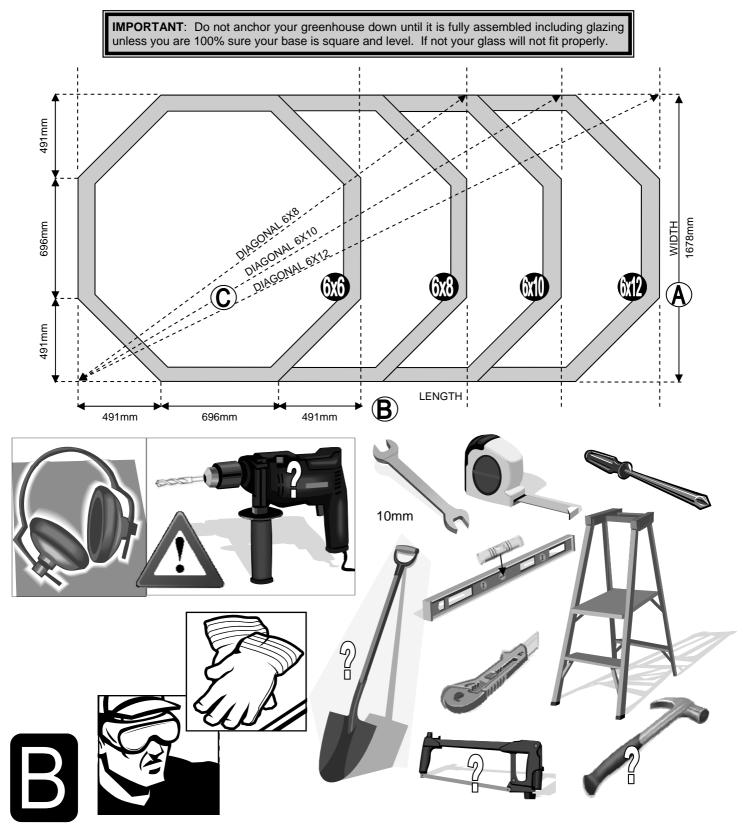
THE DIMENSIONS BELOW ARE THE EXACT EXTERNAL BASE DIMENSIONS FOR THE ROBINSONS RANGE.

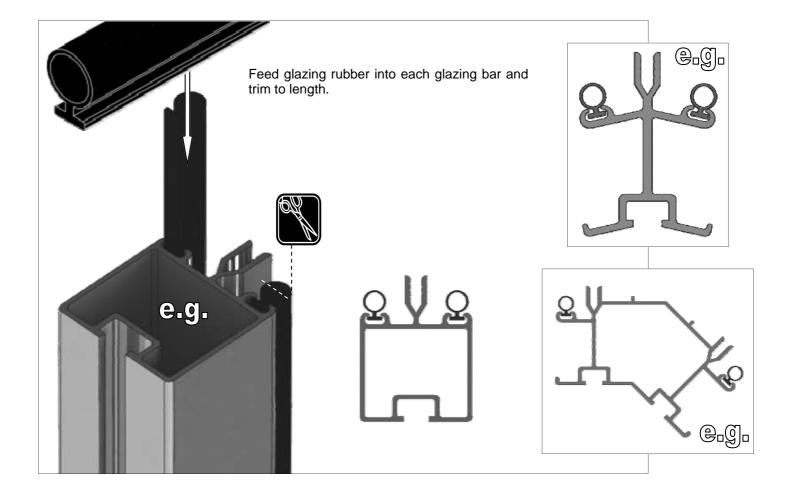
We cannot emphasis how important it is to have a proper base for your Robinsons Greenhouse to be erected upon.

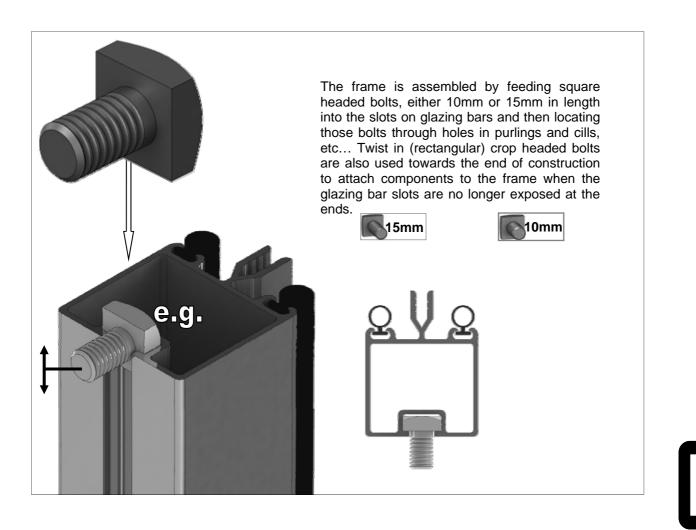
It is essential that the **BASE IS FLAT, LEVEL AND SQUARE AS WELL AS BEING SUBSTANTIAL** enough to take the weight of the greenhouse including its 4mm glass.

Give yourself enough room around your base to allow for fitting the glass and any on-going maintenance / cleaning. A slab base which is larger than the greenhouse is the ideal solution and is our preferred foundation.

A brick perimeter base is equally suitable providing there is a concrete foundation beneath it. We suggest using a solid brick with no frogs or holes (quality stock bricks or semi-engineering bricks).

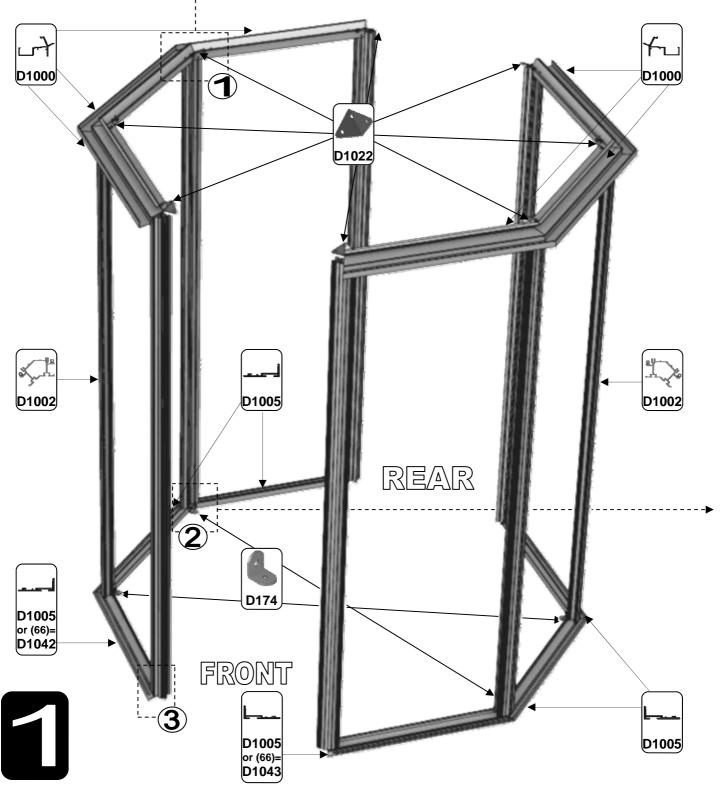


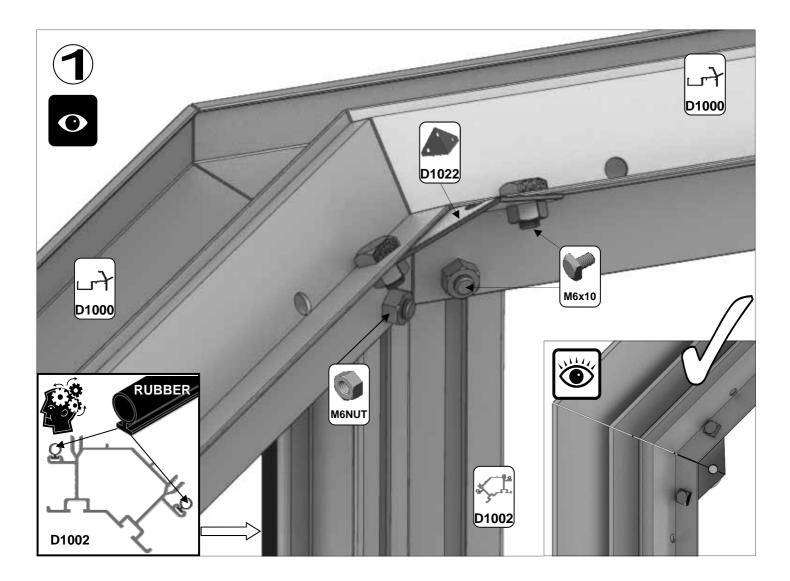


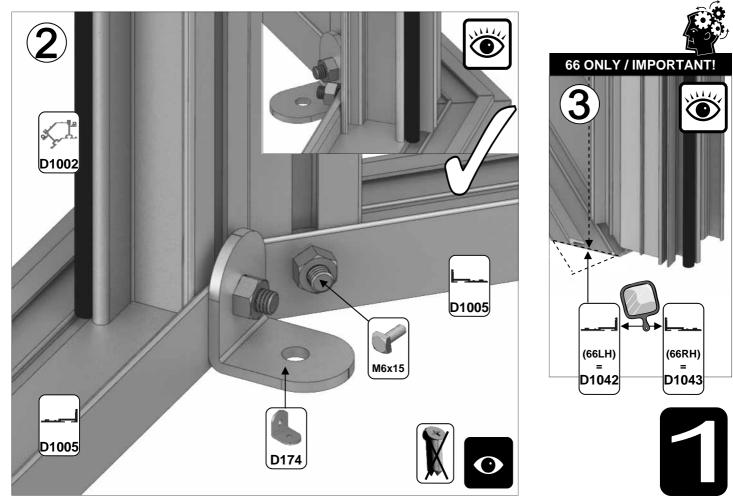


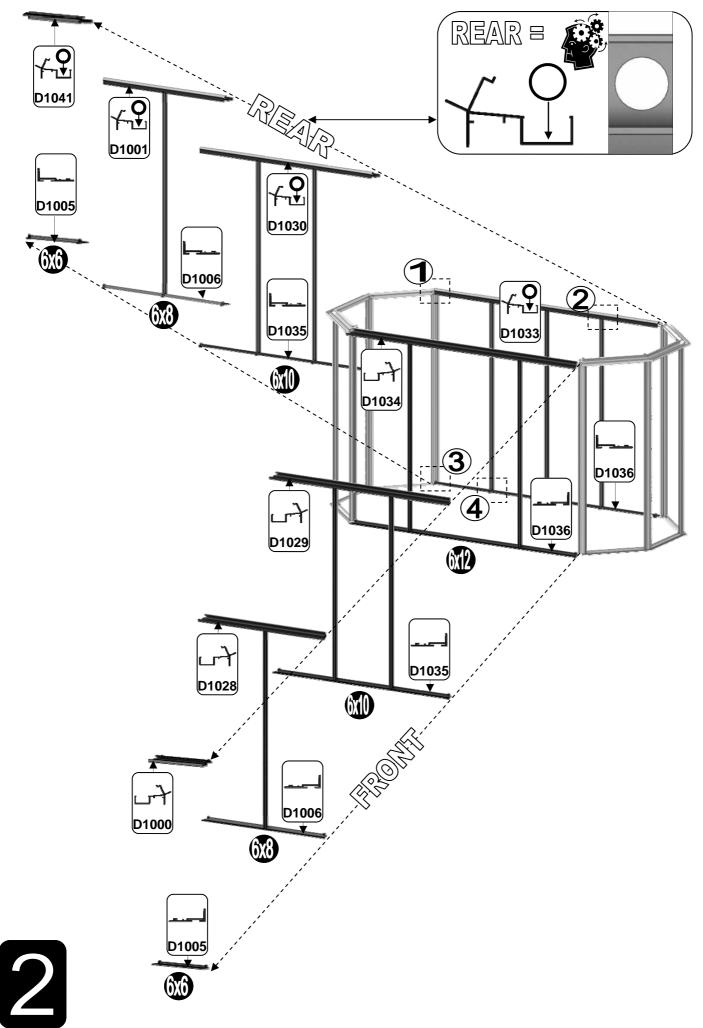
			6 X 6	6 X 8	6 X 10	6 X 12
Part No		mm		Qua	ntity	
D1005 D1042 (LH) D1043 (RH)	لحمح	700 700 700	4 1 1		6 0 0	
D1000	LT}	726		6	6	
D1002		1930		٤	3	

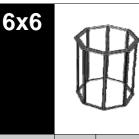
Part No		mm	Quantity
D1022		N/A	8
RUBBER	Q	1000 (1m)	16
D174		N/A	4
M6X10	\$	10	24
M6X15		15	12
M6NUT	Contraction of the second seco	N/A	36











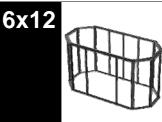




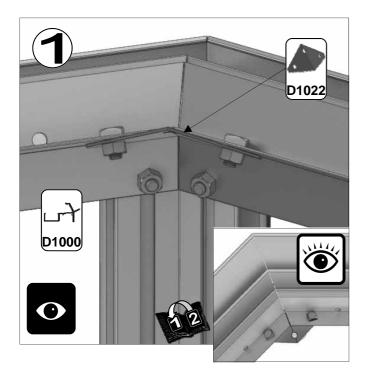
Part No	mm	Quantity
D174	N/A	6
D508	1930	2
D1001	1347	1
D1006	1321	2
D1028	1347	1
RUBBER	1000	8
M6X10	10	10
M6X15	15	6
M6NUT	N/A	16

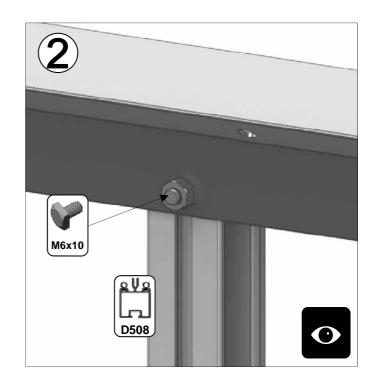


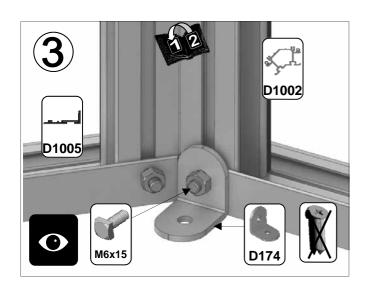
Part No	mm	Quantity
D174	N/A	8
D508	1930	4
D1029	1966	1
D1030	1966	1
D1035	1941	2
RUBBER	1000	16
M6X10	10	12
M6X15	15	8
M6NUT	N/A	20

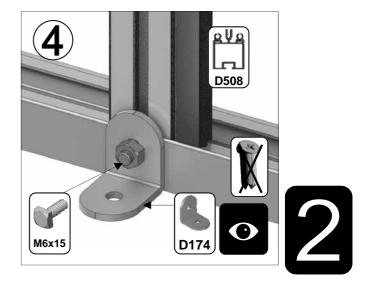


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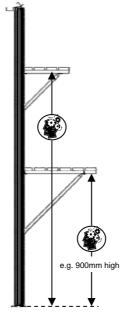




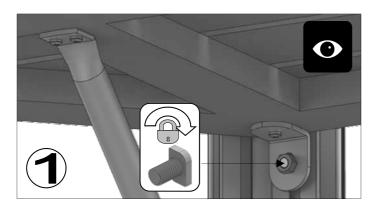


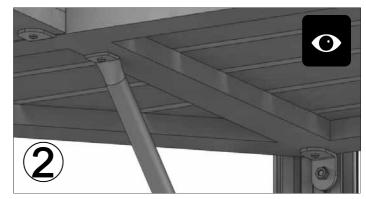


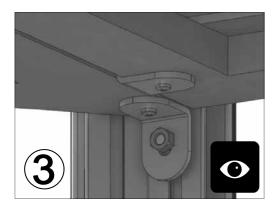
			6 X 6	6 x 8	6 x 10	6 x 12
Part No		mm		Qua	ntity	,
D174		N/A	16	17	18	19
SC105		10	1	bag	of 2	5
D256 D243	X	19 19			ag of g of 2	
D2042		600	6	7	8	9
D2014		385		2	1	



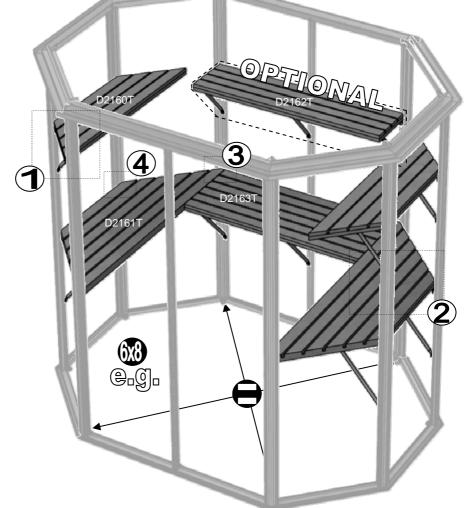
		6 X 6	6 X 8	6 x 10	6 x 12
Part No	WOODEN DESCRIPTION		Qua	ntity	
D2160T	OCT SHELF	2			
D2161T	OCT STAGE	2			
D2169T	6' RECT STAGE	1	0	0	0
D2163T	8' RECT STAGE	0	1	0	0
D2165T	10' RECT STAGE	0	0	1	0
D2167T	12' RECT STAGE	0	0	0	1
D2168T	OPTIONAL 6' SHELF	1	0	0	0
D2162T	OPTIONAL 8' SHELF		1	0	0
D2164T	164T OPTIONAL 10' SHELF		0	1	0
D2166T	OPTIONAL 12' SHELF	0	0	0	1



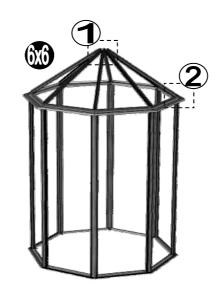


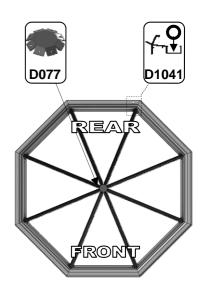


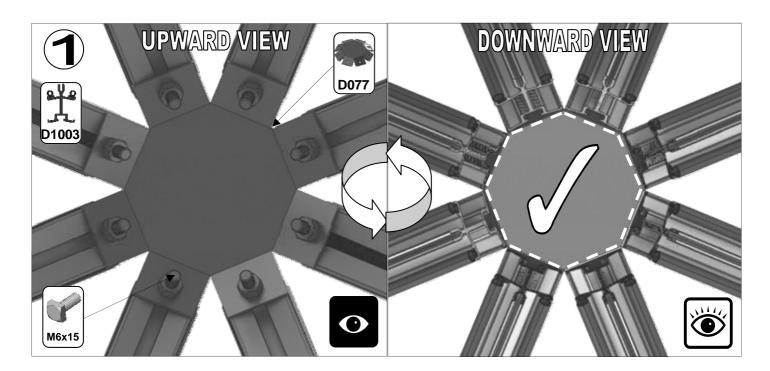


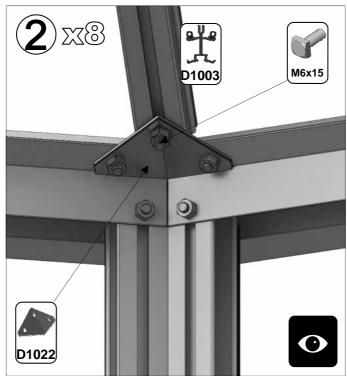


6x6 Turn page for other Sizes (6x8, etc)			24
Part No	mm	Quantity	
D1003	965	8	
D077	N/A	1	
RUBBER	1000	16	
M6X15	15	16	
M6NUT	N/A	16	



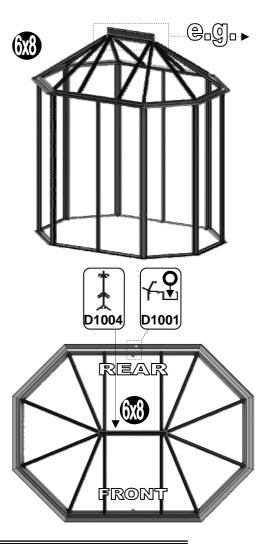


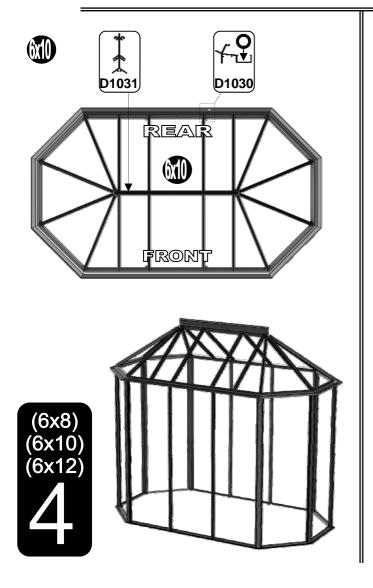


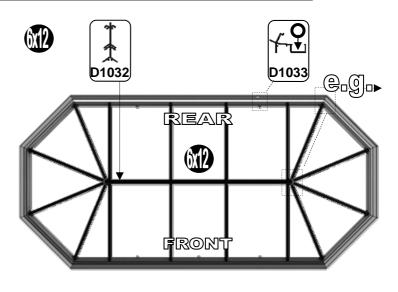


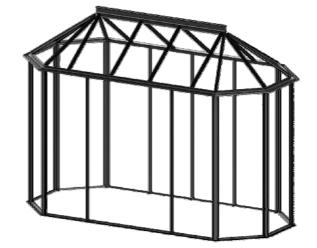


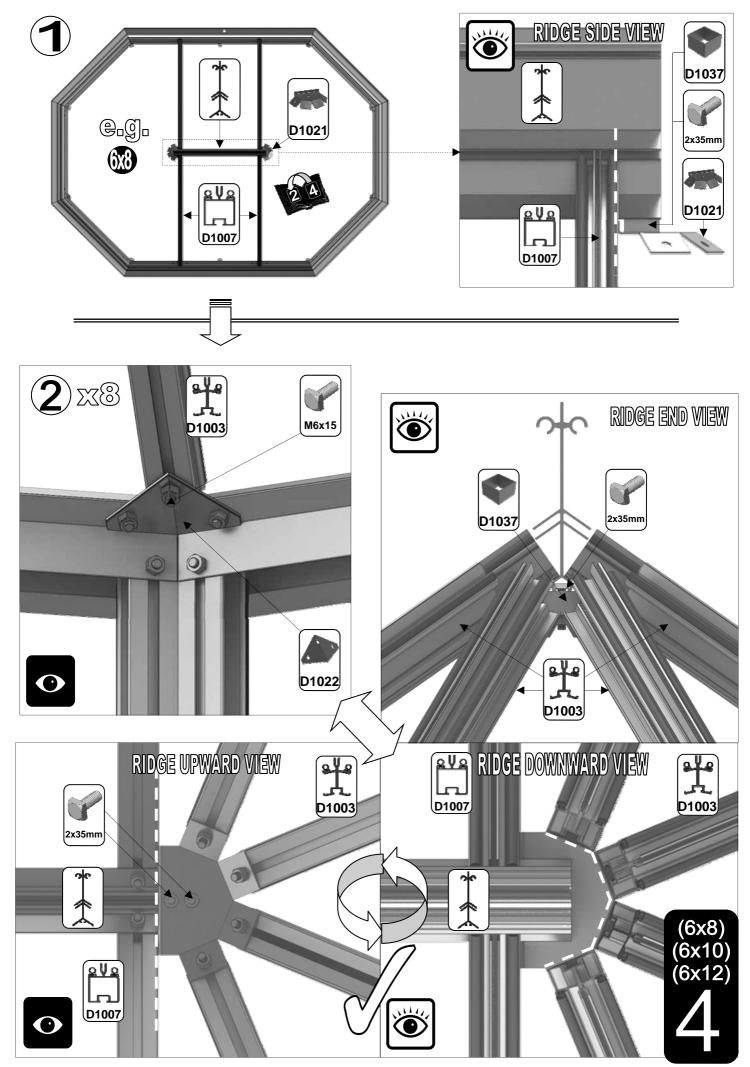
6x8			6x10			6x12		
Part No	mm	Quan.	Part No	mm	Quan.	Part No	mm	Quan.
D1003	965	8	D1003	965	8	D1003	965	8
D1004	650	1	D1031	1270	1	D1032	1890	1
D1007	955	4	D1007	955	8	D1007	955	8
D1021	N/A	2	D1021	N/A	2	D1021	N/A	2
D1037 FS6006 F5006	16 35 M6	2 4 4	D1037 FS6006 F5006	16 35 M6	2 4 4	D1037 FS6006 F5006	16 35 M6	2 4 4
RUBBER	1000	24	RUBBER	1000	32	RUBBER	1000	32
M6X10	10	8	M6X10	10	16	M6X10	10	16
M6X15	15	16	M6X15	15	16	M6X15	15	16
M6NUT	N/A	24	M6NUT	N/A	32	M6NUT	N/A	32

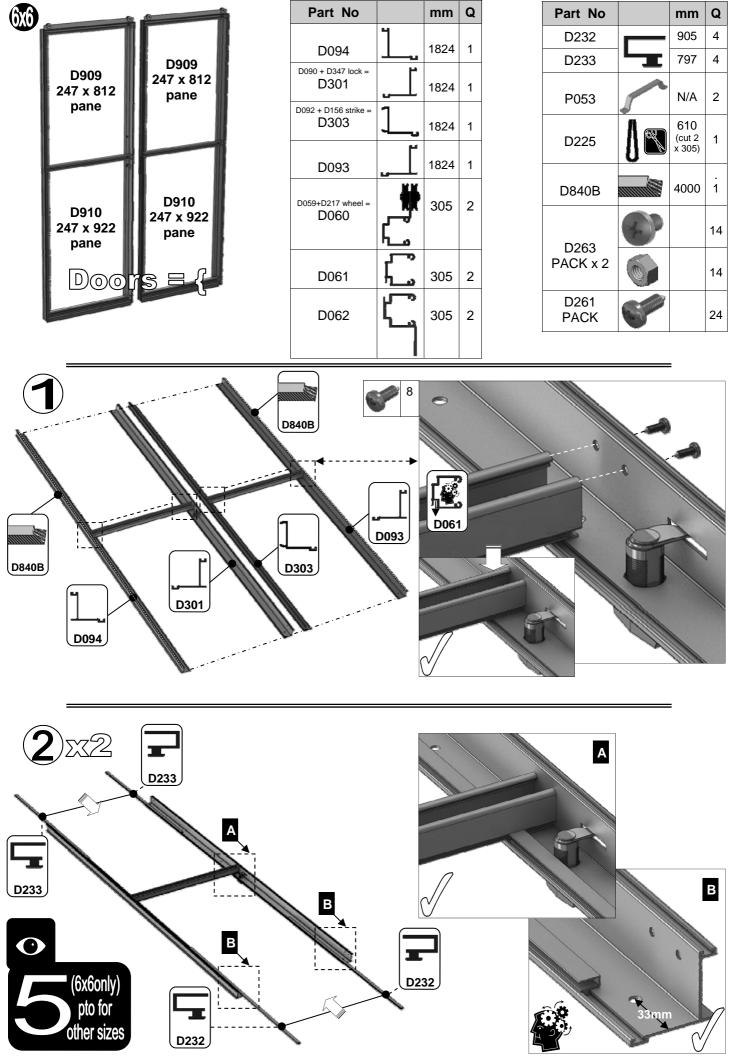


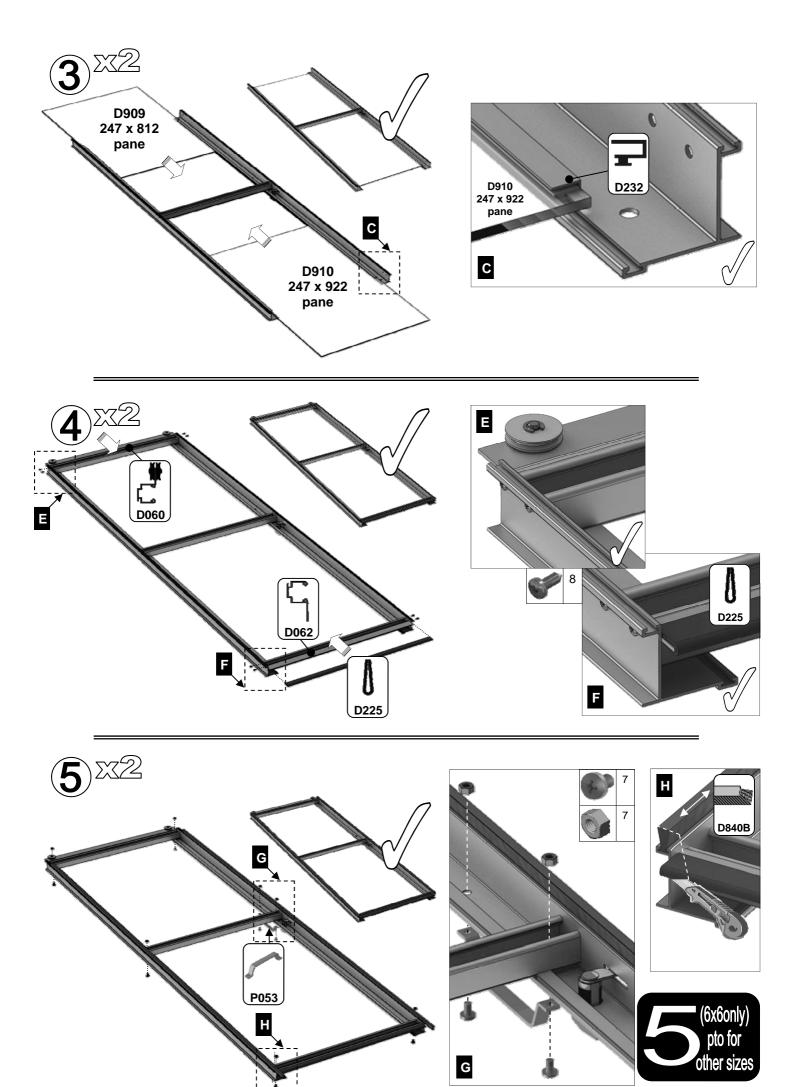


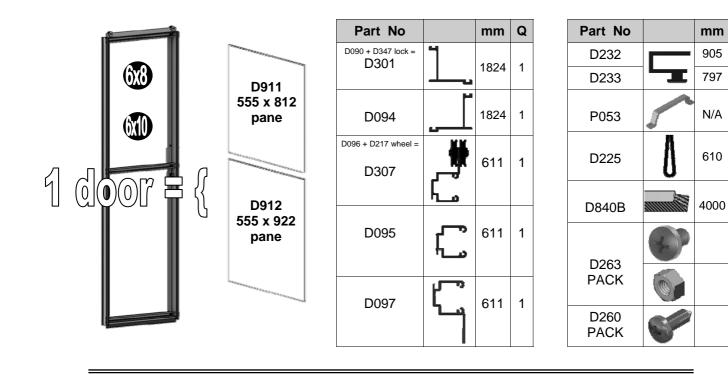






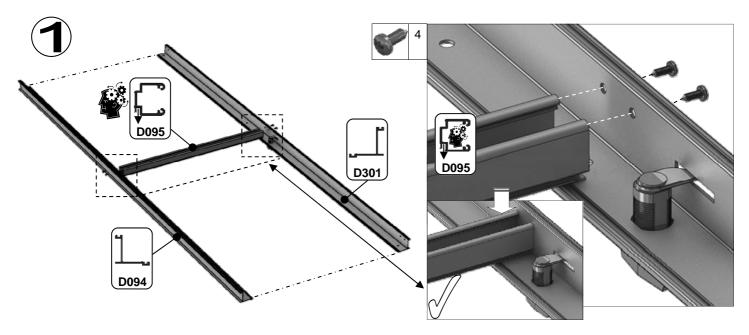


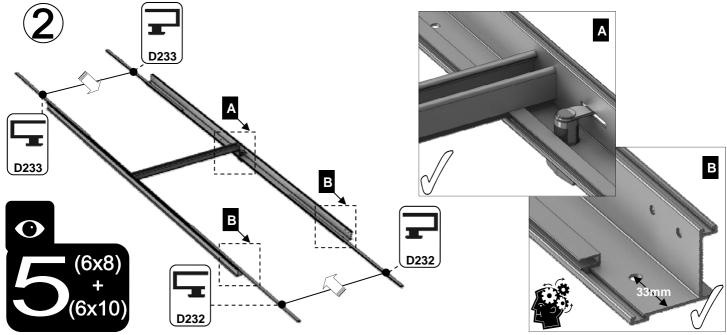


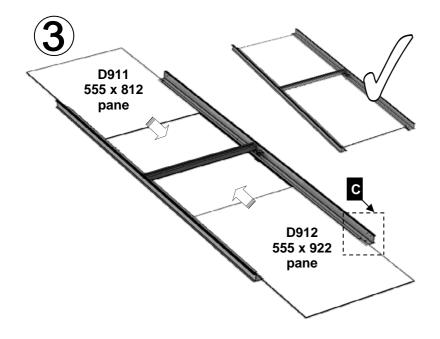


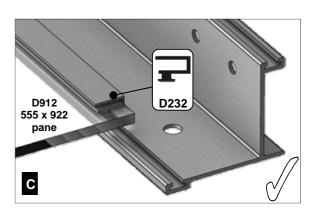
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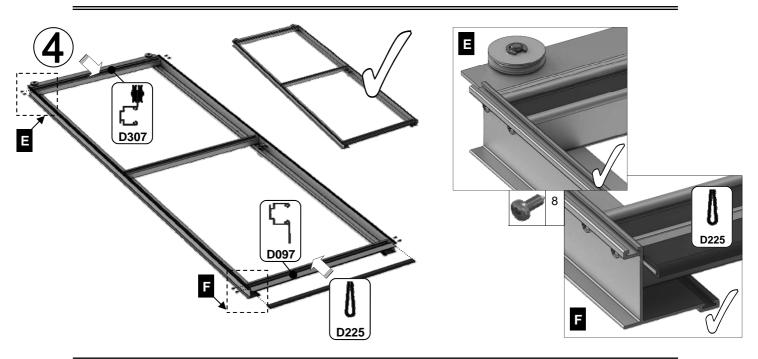
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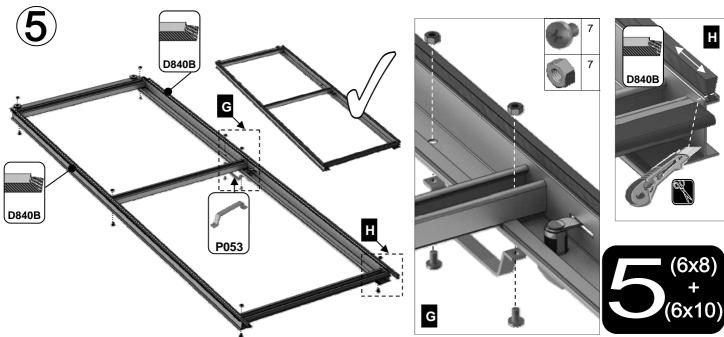


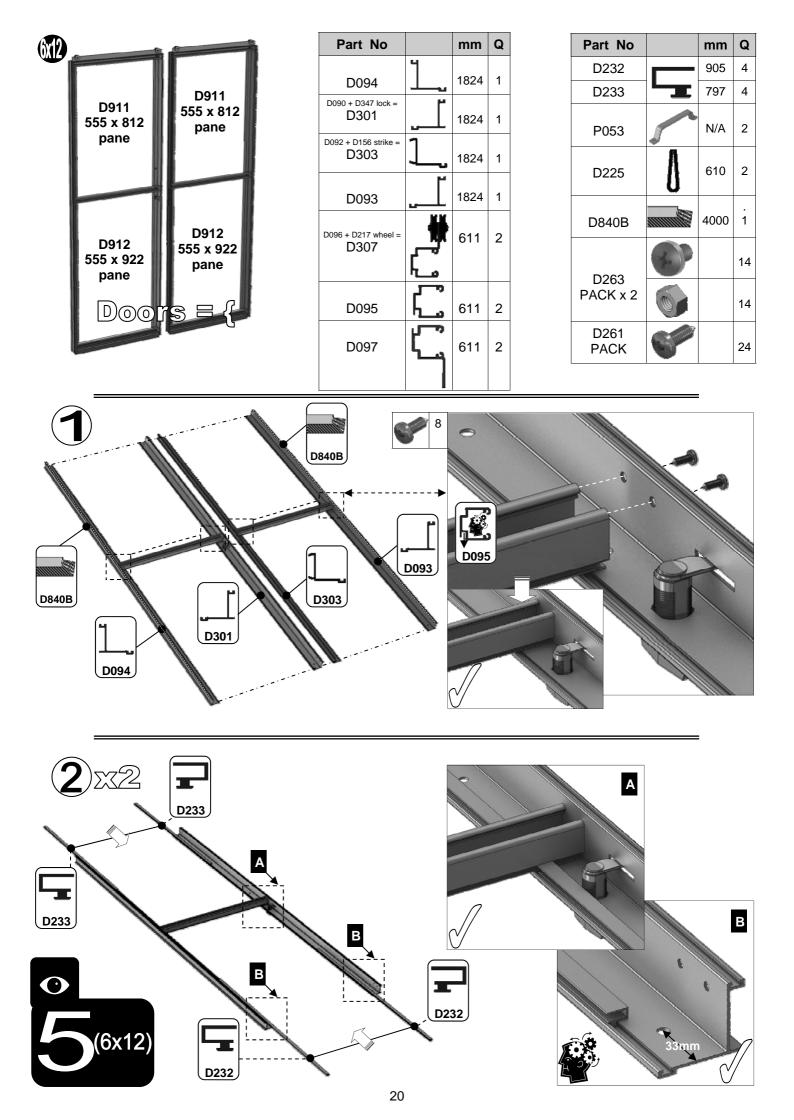


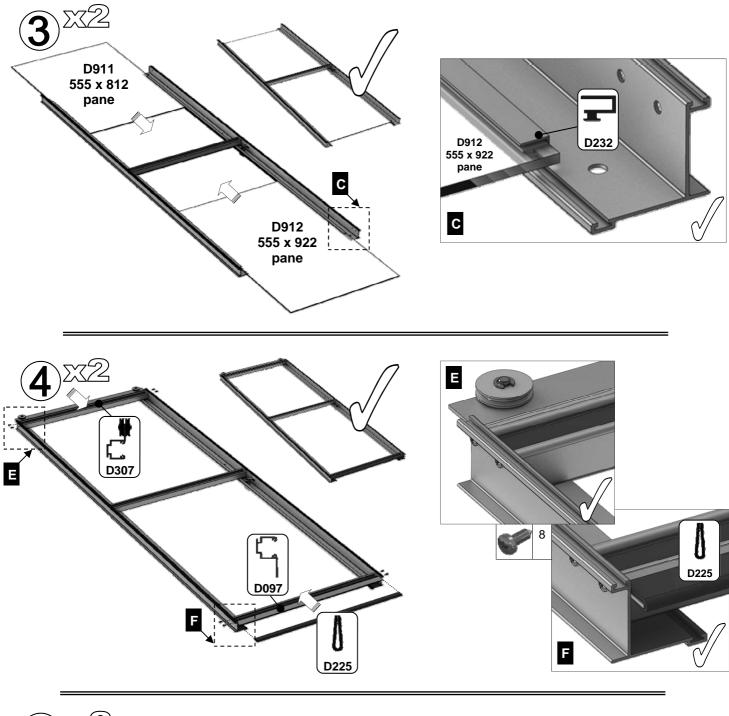


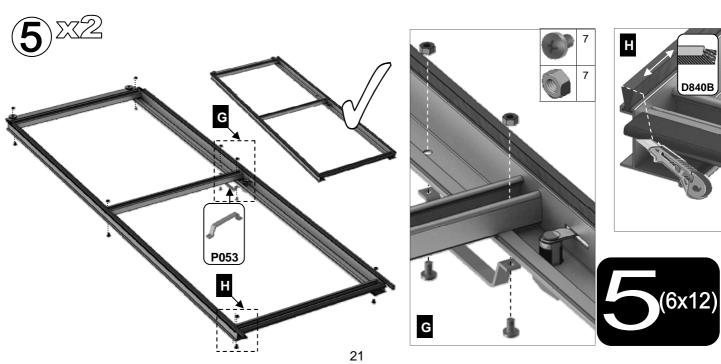


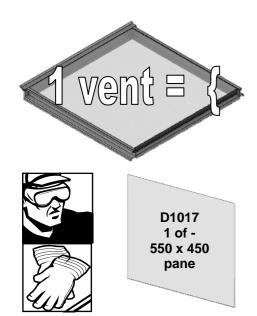






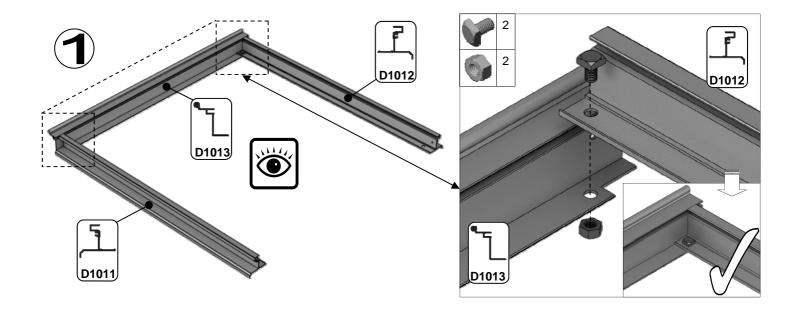


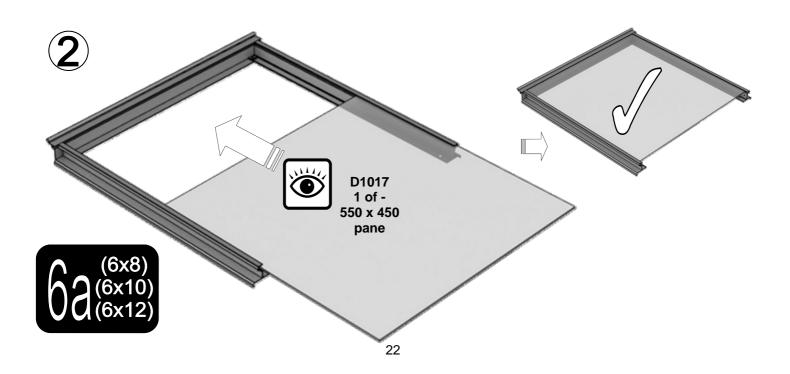


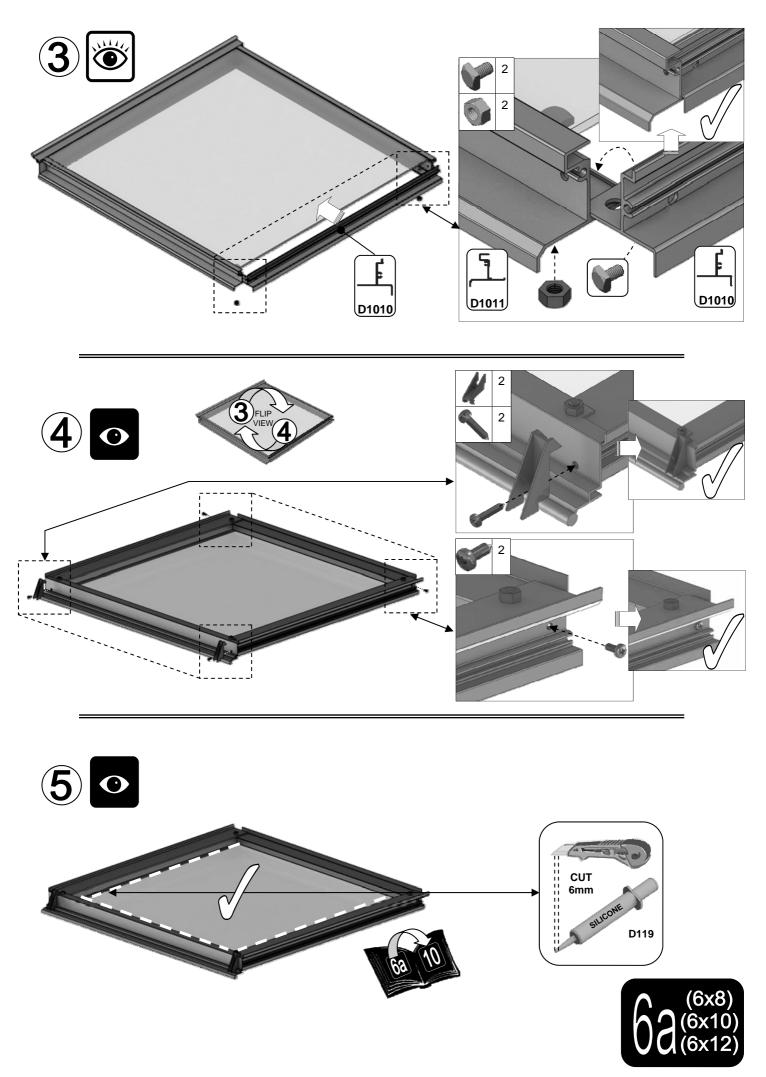


Part No		mm	Quantity
D1013	`	580	1
D1011	لللم	453	1
D1012	Ŀ	453	1
D1010	_ Ē	534	1

Part No		mm	Quantity
D220 PLUS FS6060 SCREW	B	N/A	2
D205R		N/A	2
SY- BOLM6X11		10	4
SYNUTM6	Contraction of the second seco	M6	4
8 X 12 S/T FS6017		10	2
8 x 19 S/T FS6018		19	2





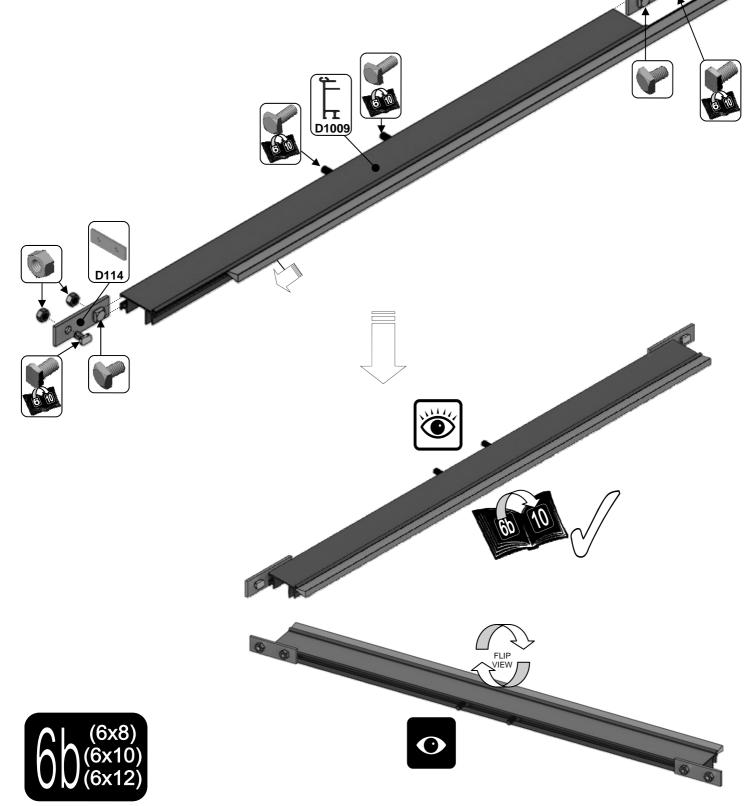


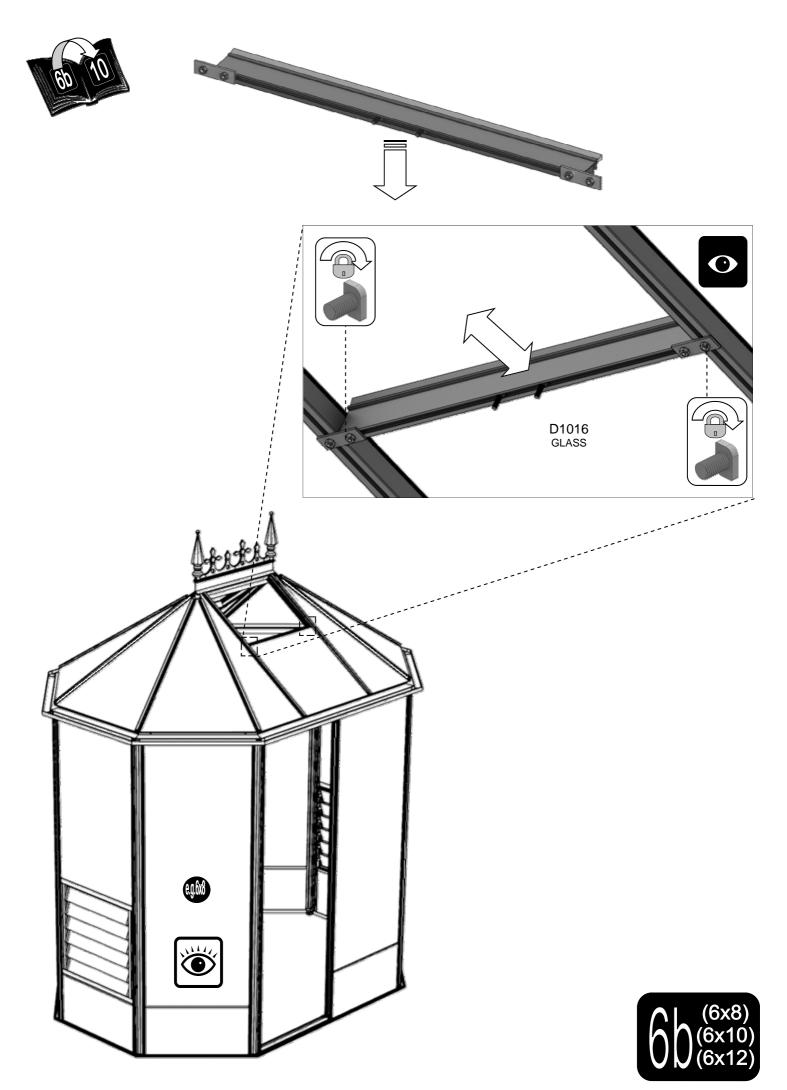


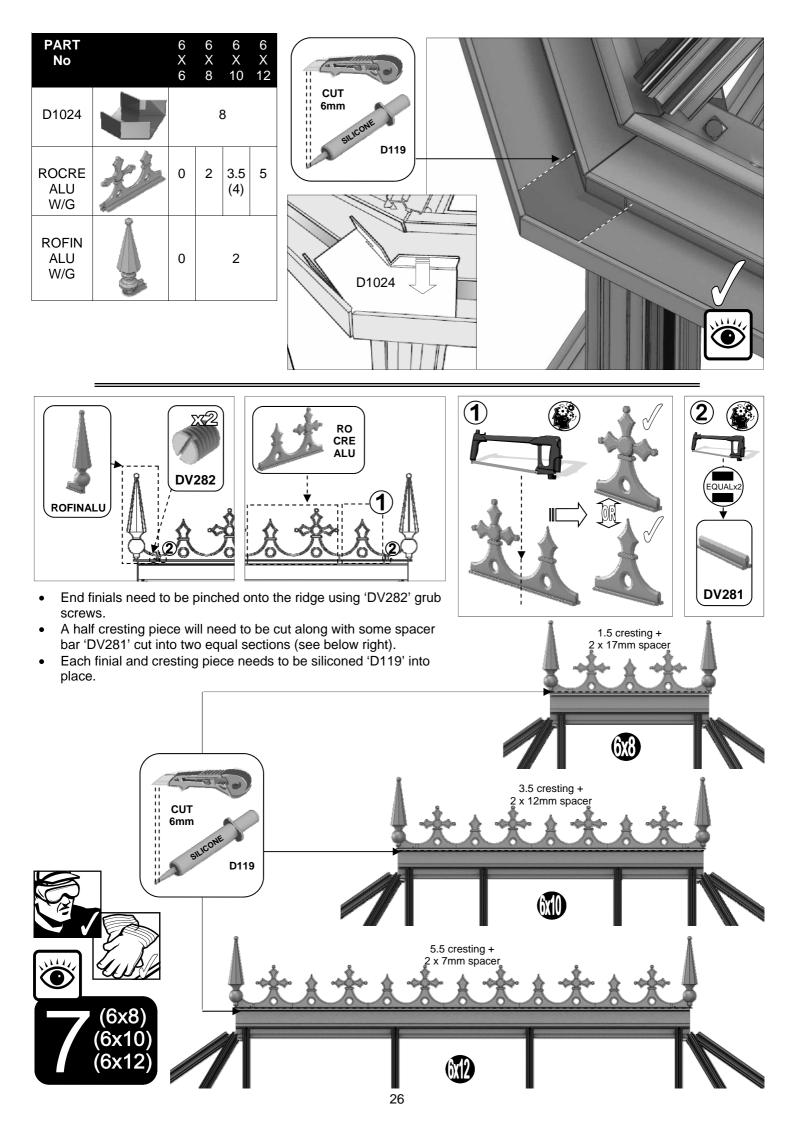
Part No	mm	Quantity
SY- BOLM6X11	10	2
SY- BOLM6X15	15	2
SYBOLM6 X11CROP	10	2
SYNUTM6	N/A	4

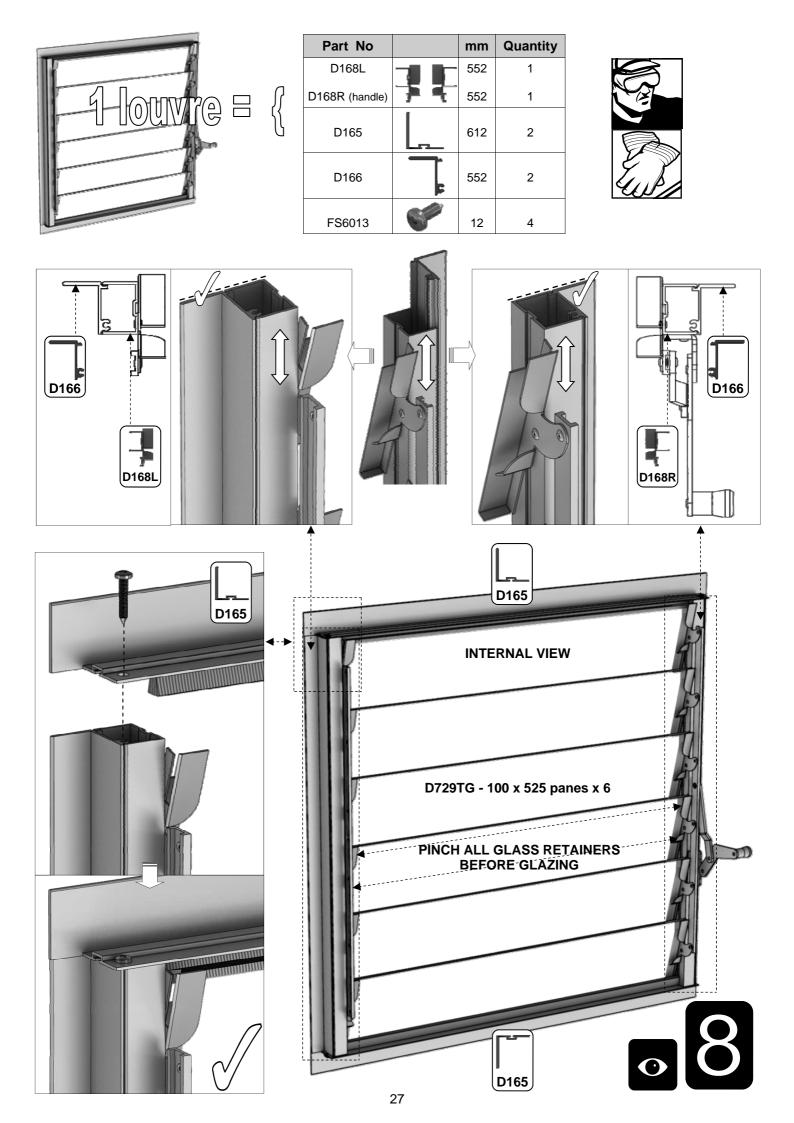
Part No		mm	Quantity
D1009 PLUS FLUFF	ц Г	528	1
D114	5 5	N/A	2

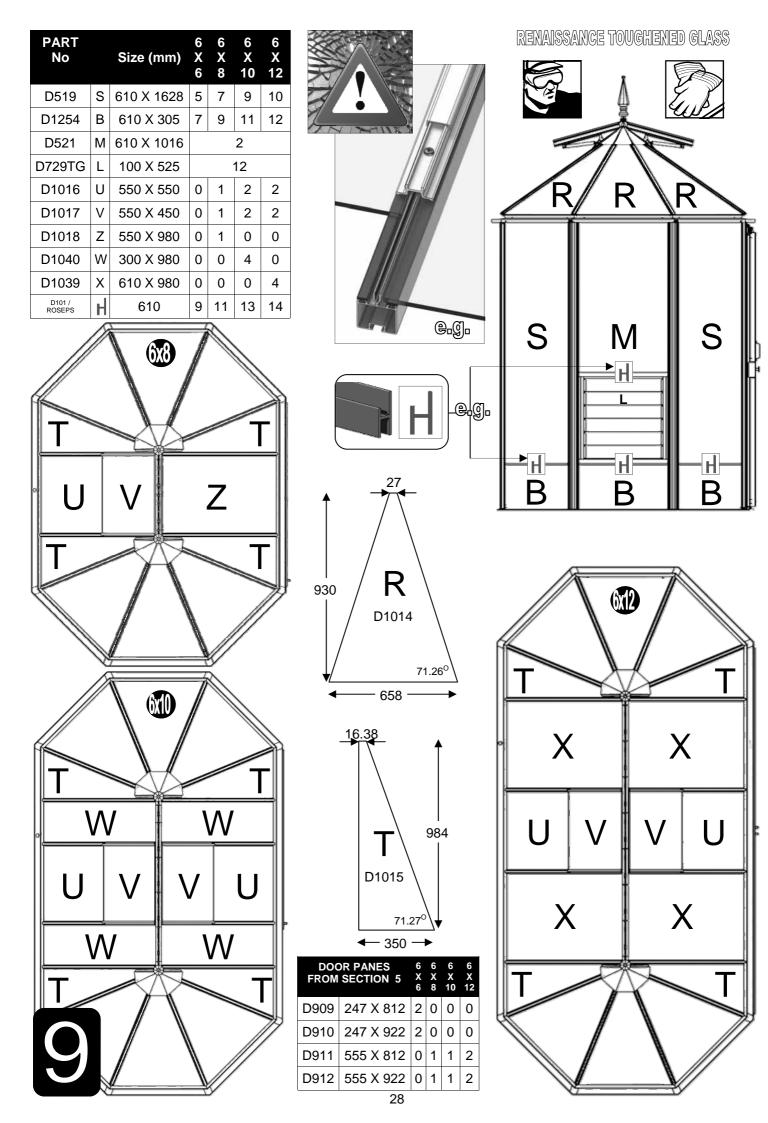
D114

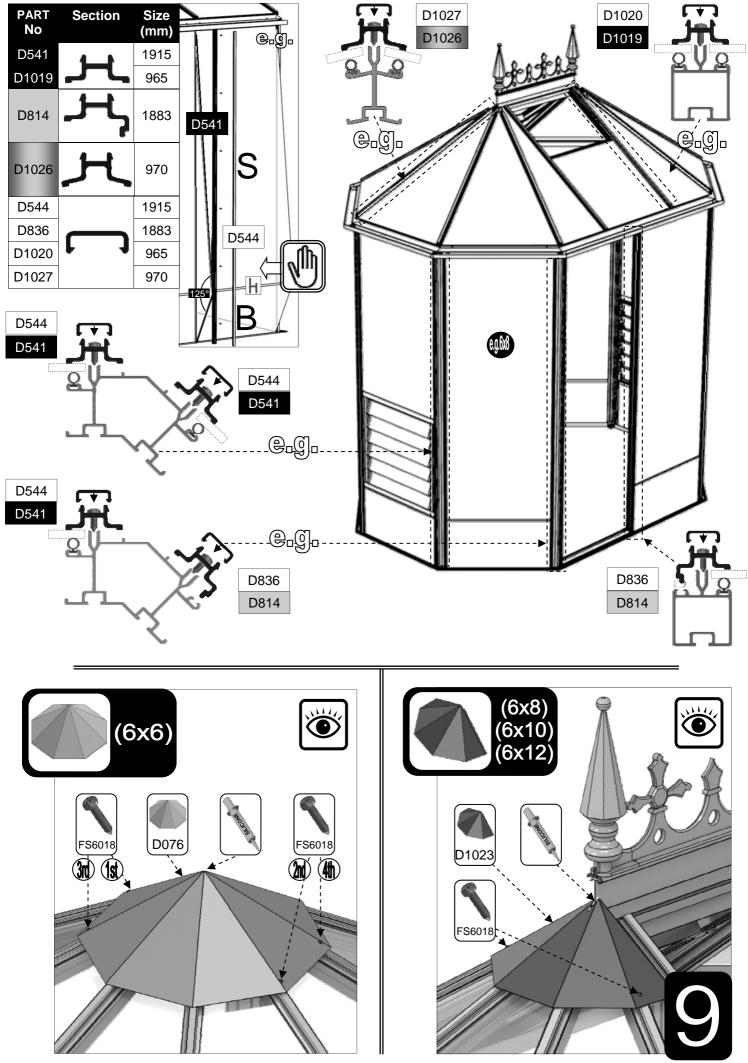


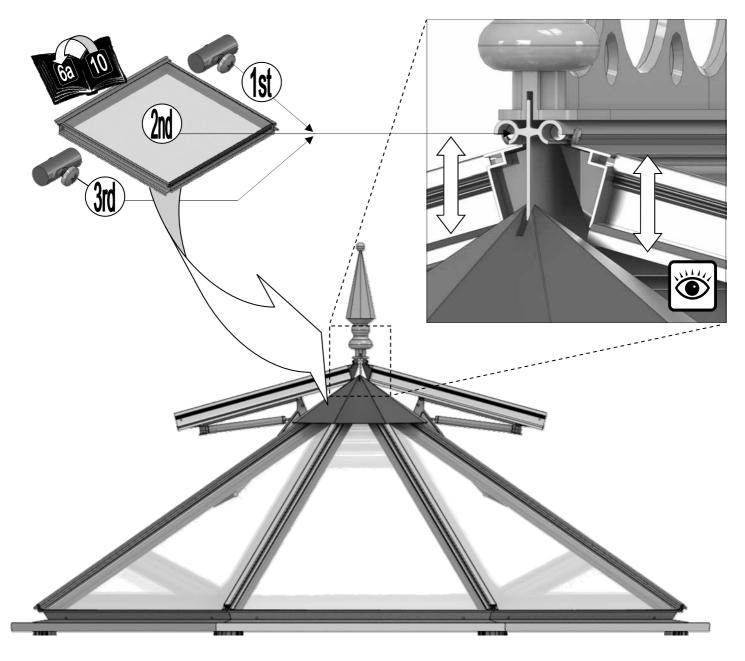


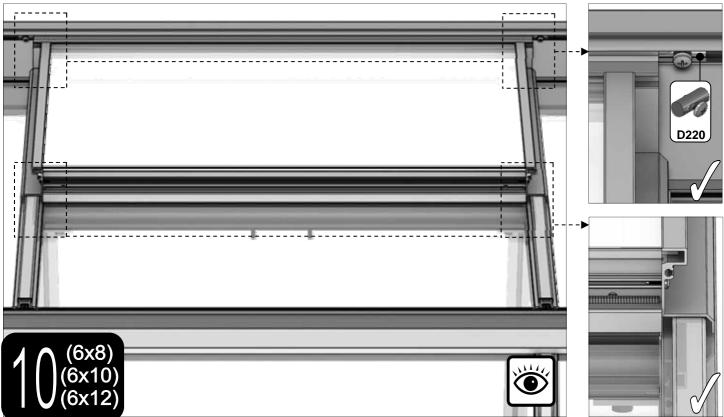


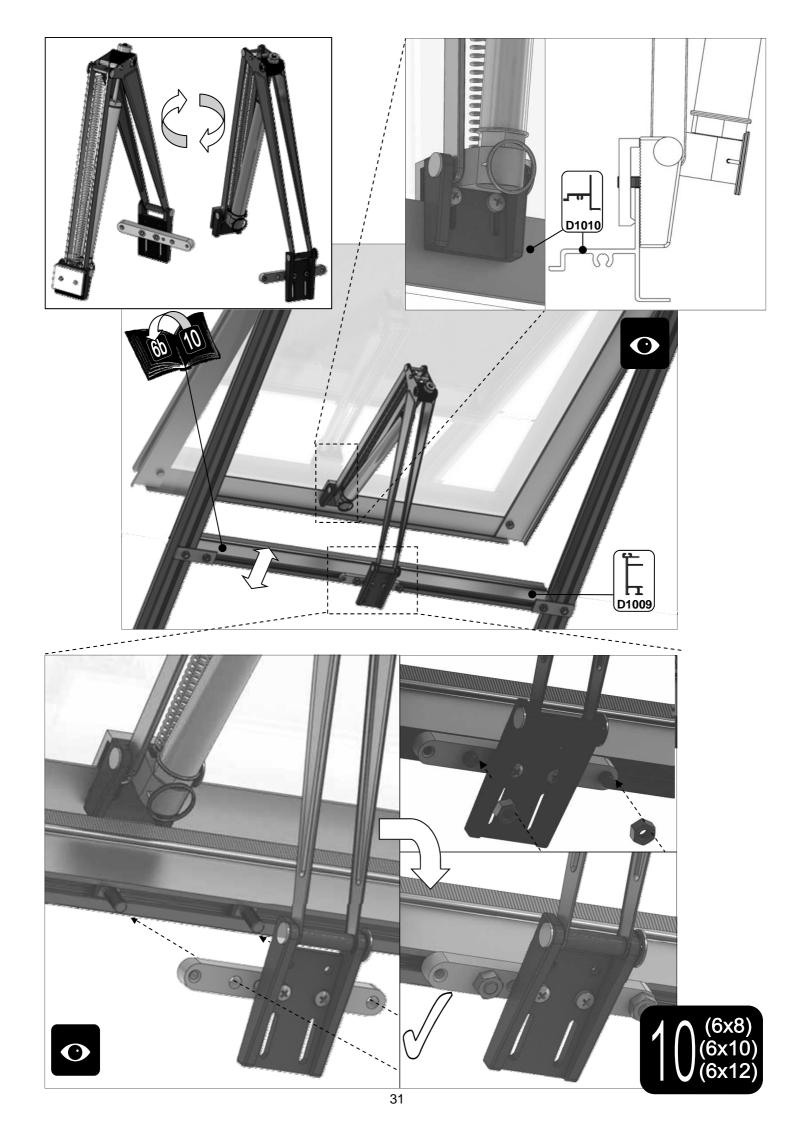




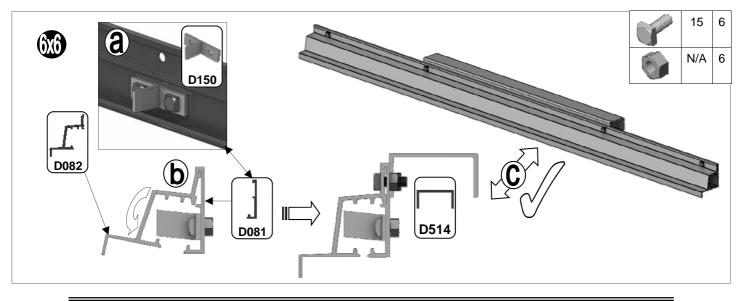


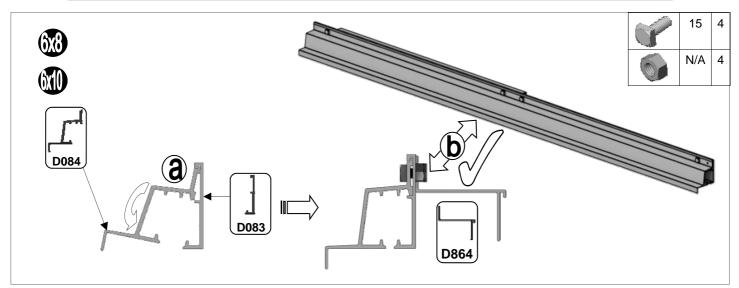


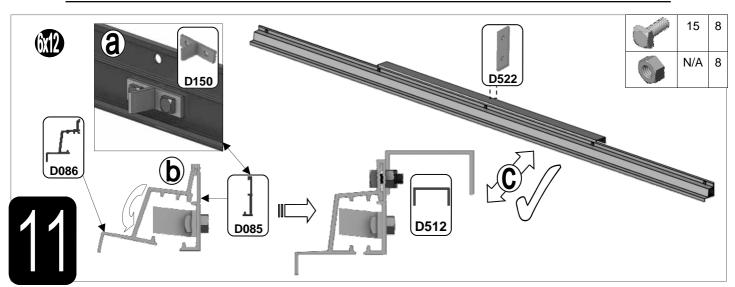


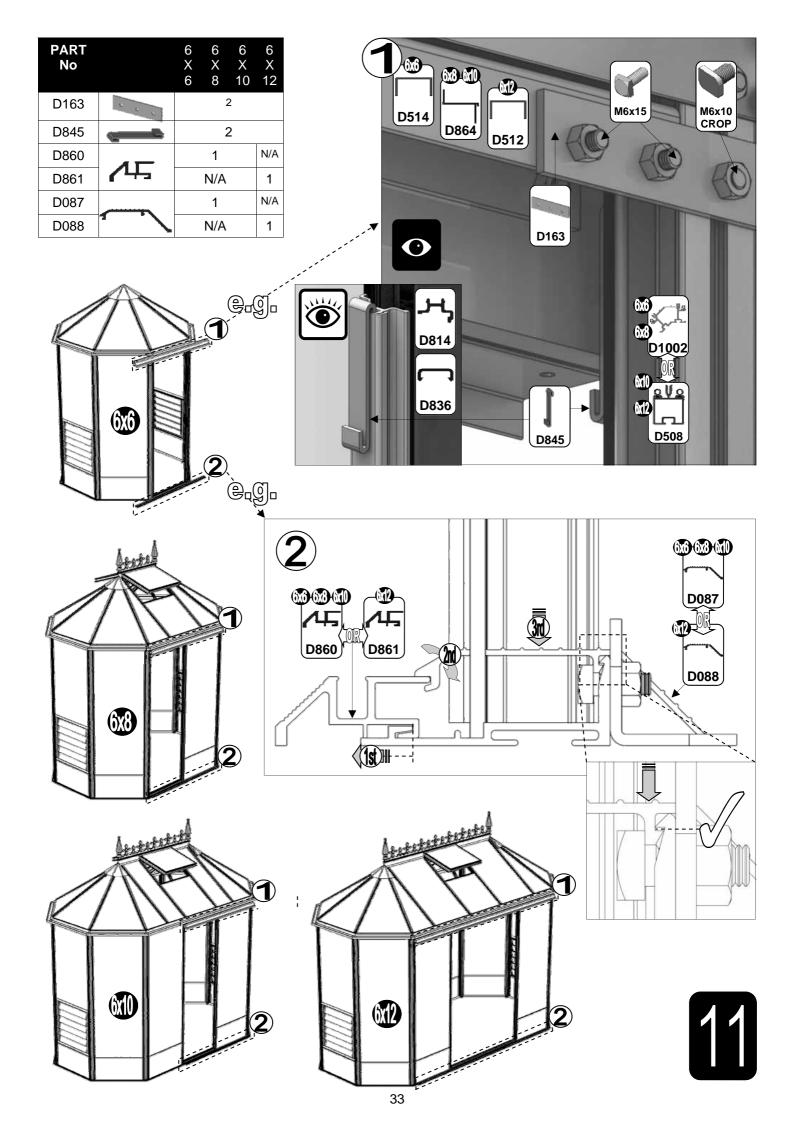


PART No	6 X 6	6 X 8	6 X 10	6 X 12	PART No		6 X 6	6 X 8	6 X 10	6 X 12	PART No		6 X 6	6 X 8	6 X 10	6 X 12
D514	1		N/A		D081	1	1	4	4		D150		1	N/.	A	1
D512		N/A		1	D083 D085			1	1	1						
D864	N/A		1	N/A	D082 D084 D086	ہے۔	1	1	1	1	D522 (48mm)	0		N/A		1

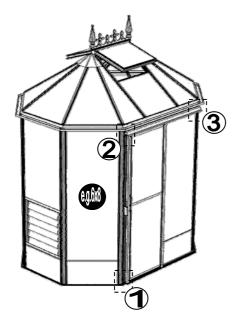


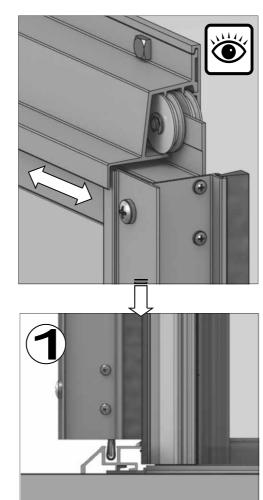


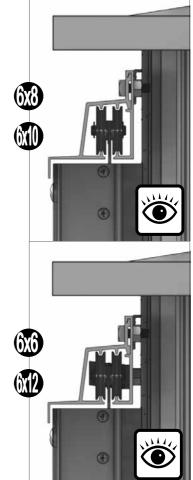


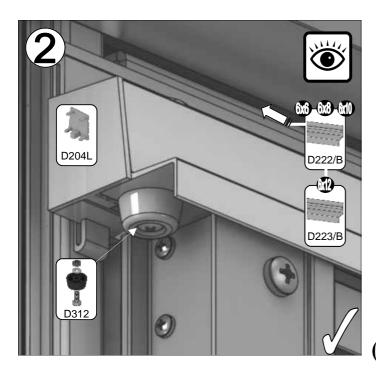


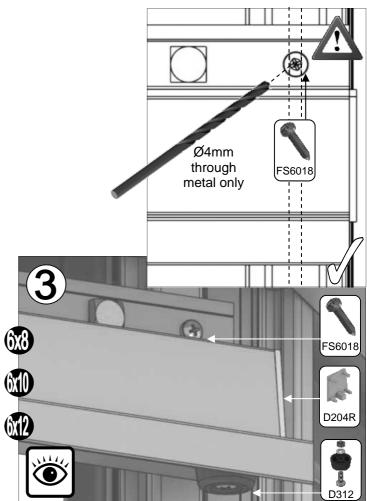
PART No		6 X 6		6 X 10	6 X 12
D312			2	2	
D204L /B	2		,	1	
D204R /B	a la			1	





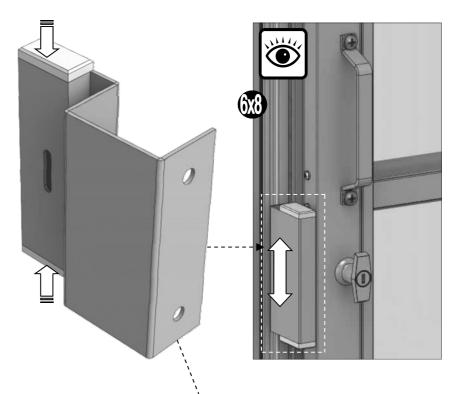




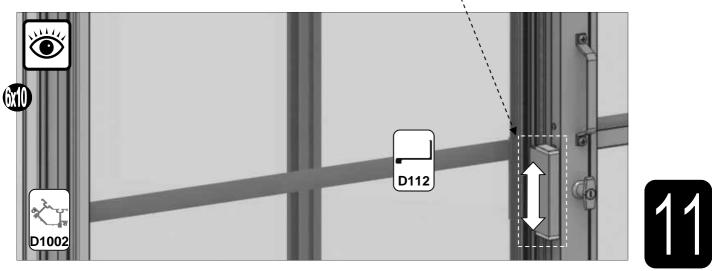


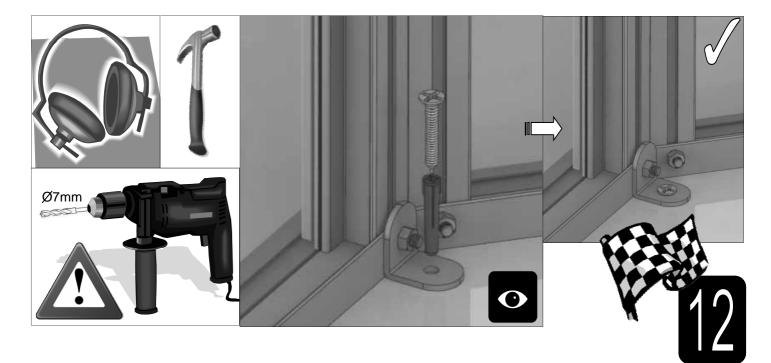


PART No	6 X 6	6 X 8	6 X 10	6 X 12
D842	0	1	1	0
D112	0	0	1	0
M6 crop	0	2	3	0



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Please be aware that this is a multi-national manual, if you spot any errors or have any constructive comments regarding the manual please email james.spooner@greenhousepeople.co.uk and I will make the necessary amendments. Whilst the information contained in this booklet is accurate at the time of publication, changes in the course of Robinsons policy of improvement through development and design might not be indicated. We point out this fact to avoid any infringements of the Trade Descriptions Act and also to advise that Robinsons Greenhouses reserve the right to change specifications and materials without prior notice.

In addition any photographs of completed buildings would be most appreciated to add to our portfolio.

THIS GREENHOUSE BOX WAS PACKED BY:

DATE:_____



www.robinsonsgreenhouses.co.uk

To contact Robinsons Customer Services email us at sales@robinsonsgreenhouses.co.uk or call us on 01782 385 409.

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