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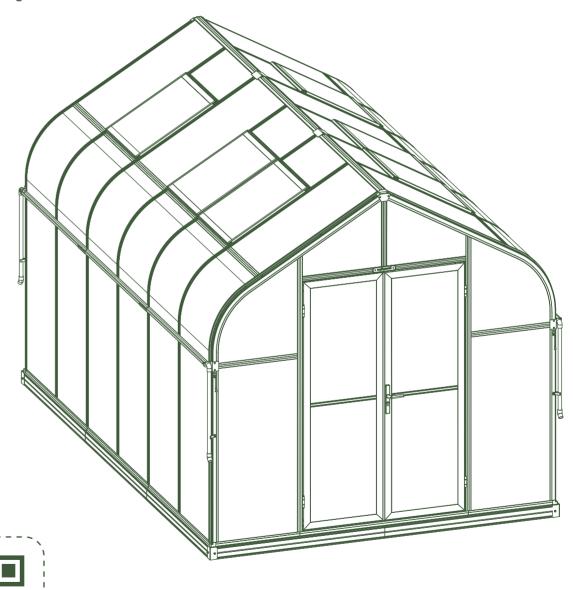


Houston, TX



# Manual for Vego Greenhouse Kit

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Model: VGH0812PCBK

**Dimensions:** 8.5' X 12.5' X 8.5' (H)



02

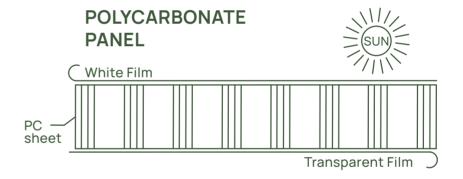
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## Safety Advice

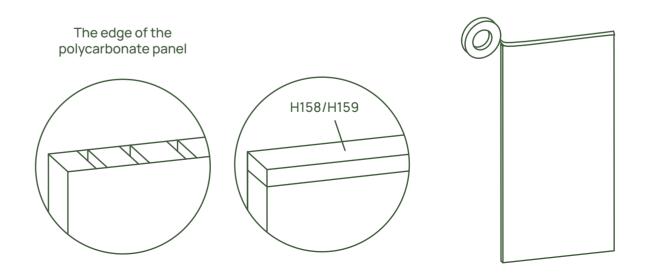
- 1. This product is designed to be used as a greenhouse.
- 2. It is important to assemble the product according to this manual, do not skip or modify any steps.
- 3. Wear gloves, shoes and safety glasses during assembling to avoid injury.
- 4. Do not climb or stand on the roof.
- 5. Keep children away from the assembly area.
- 6. Do not assemble the product in windy, wet or bad weather conditions.
- 7. Do not assemble the product under the influence of medication, alcohol or drugs.

## Assembly & Maintenance

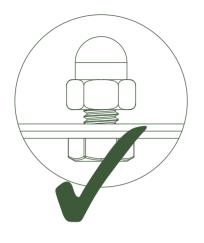
- 1. Place the parts on a soft surface to avoid scratches and damage.
- 2. Remove the clear film prior to assembly. The white film indicates the UV-protected side of the panels. Peel back the white film to expose only the edges (until the panels are in place) to ensure that the UV side is facing outwards in final assembly.



3. Seal all cut edges of the PC panels with provided tape before installation.



4. Loosely tighten bolts as you assemble. After the greenhouse is built, and still loosely connected, then tighten all bolts completely.





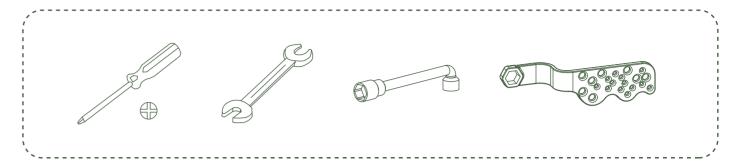
- 5. Keep the roof and gutters clear of snow, dirt and leaves in order to avoid damage to the product.
- 6. Clean the product with a mild soap and rinse with cold, clean water.
- 7. Do not use acetone, abrasive cleaners, or other special detergents to clean the product.



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## Tools & Packing Information

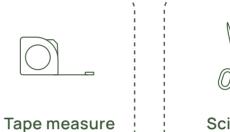
#### Tools Provided



#### ● Tools Required (Not Provided)





















#### ● 2+ Person Assembly

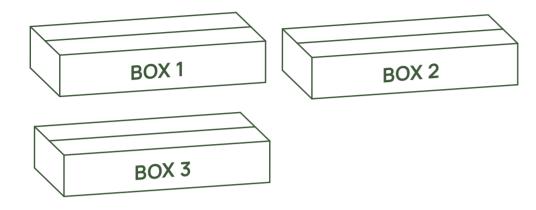


### Packing Information

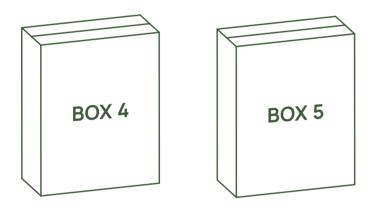
#### 10 boxes in total:

#### Greenhouse Boxes

a. Aluminum Frame & Hardware:



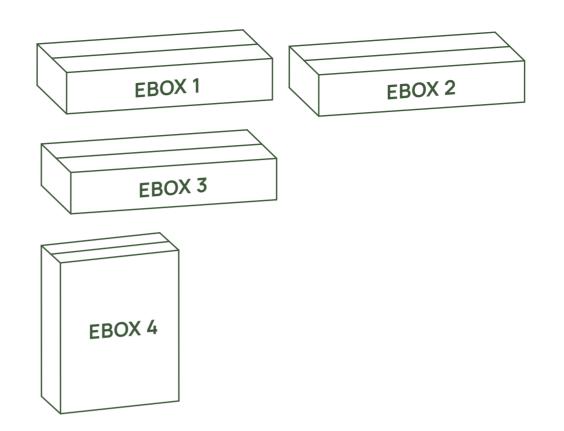
b. Polycarbonate Panels:



c. Foundation Frame & Hardware:



#### Extension Kit Boxes



Packing List:

Please refer to documents provided in the boxes.

#### **Hardware List:**

вох	PART	NO	QTY
BOX 2		S03A M6X10	257
вох 6		S03A M6X10	60
EBOX 1		S03A M6X10	107
EBOX 4		S03A M6X10	13
BOX 2		S08 M8X60	14
EBOX 1		S08 M8X60	4
BOX 2		S21A M5X12	4
BOX 2		S26A M5X12	4
EBOX 1		S26A M5X12	4
BOX 2		S27A M5X12	5
BOX 2		M24 M6	257
BOX 6		M24 M6	58
EBOX 1		M24 M6	107
EBOX 4		M24 M6	13
BOX 2	<b>©</b>	M31 M5	5

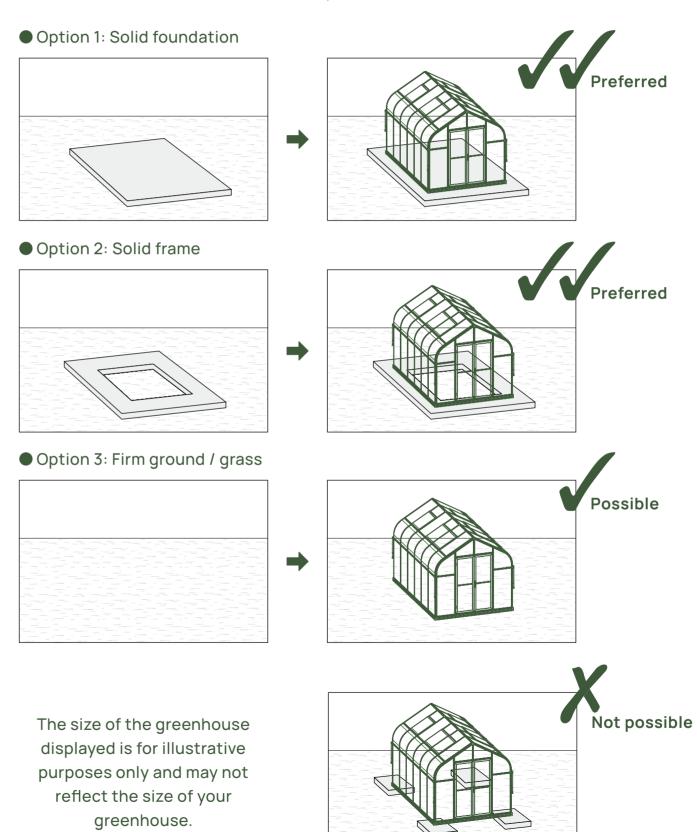
BOX	PART	NO	QTY
BOX 2	4	Z02A Ø4X16D	80
EBOX 1	4	Z02A Ø4X16D	21
BOX 2	4	Z08A M4.2X16	30
EBOX1	4	Z08A M4.2X16	5
BOX 2	<b>•</b>	Z17 A M4.8X16	9
BOX 2	4	Z19A M4.2X10	9
EBOX1	4	Z19A M4.2X10	5
BOX 6	0	Z13A Ø5X40	16
EBOX 4	0	Z13A Ø5X40	5
BOX 6	Ø6.5X16X1.2	H79	16
EBOX 4	Ø6.5X16X1.2	H79	5
BOX 2	0	H137	8
BOX 4	20M	H158	2
EBOX 3	20M	H158	1
BOX 4	30M	H159	1



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## Foundation Assembly

Choose a hard, level surface. Clean and position the greenhouse using a level to ensure it is flat. If the selected area is not level, clear and level the installation site first.



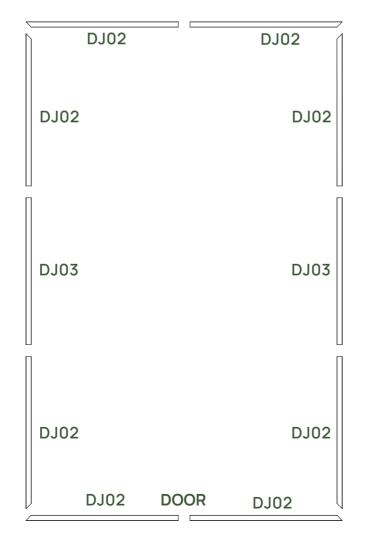
## 02

Lay out the foundation pieces as diagrammed, using the door location as a reference.

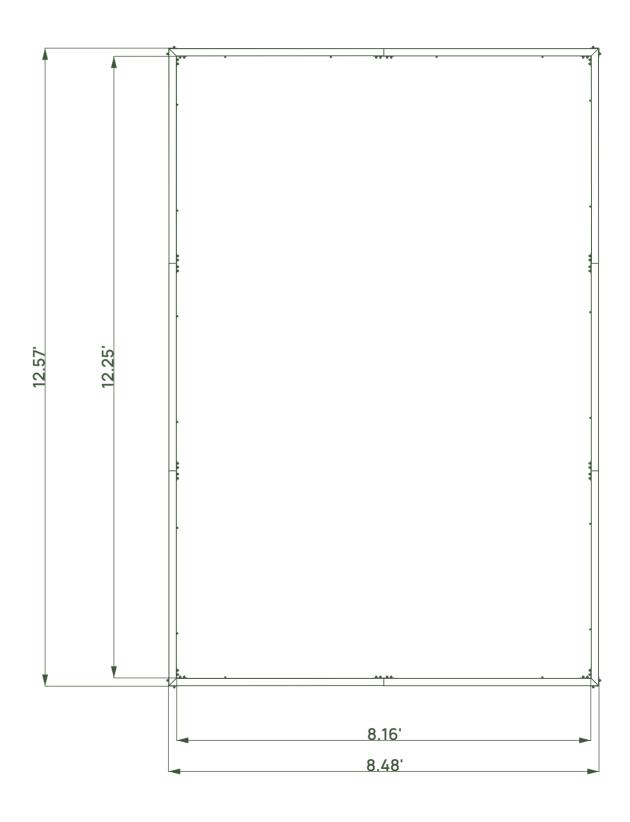
вох	PART	NO.	QTY.
BOX 6	1290mm	DJ02	8
EBOX 4	1245.6mm	DJ03	2
BOX 6	000	D73	4
BOX 6		D74	4
EBOX 4		D74	2
BOX 6		D366	4
		S03A	60
		M6X10	62
		M24	/ 0
		M6	48



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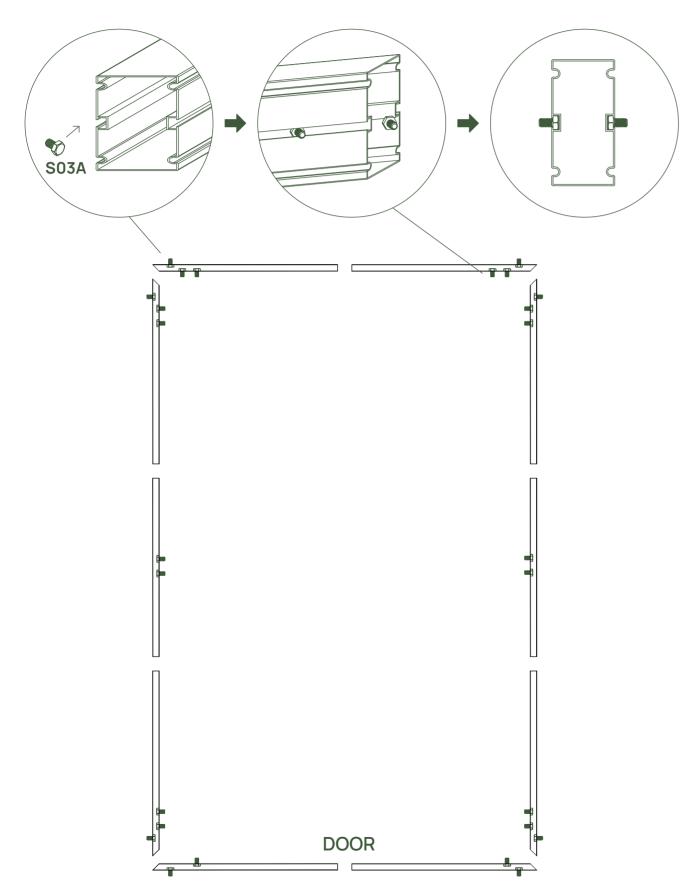


### **Foundation Dimension**



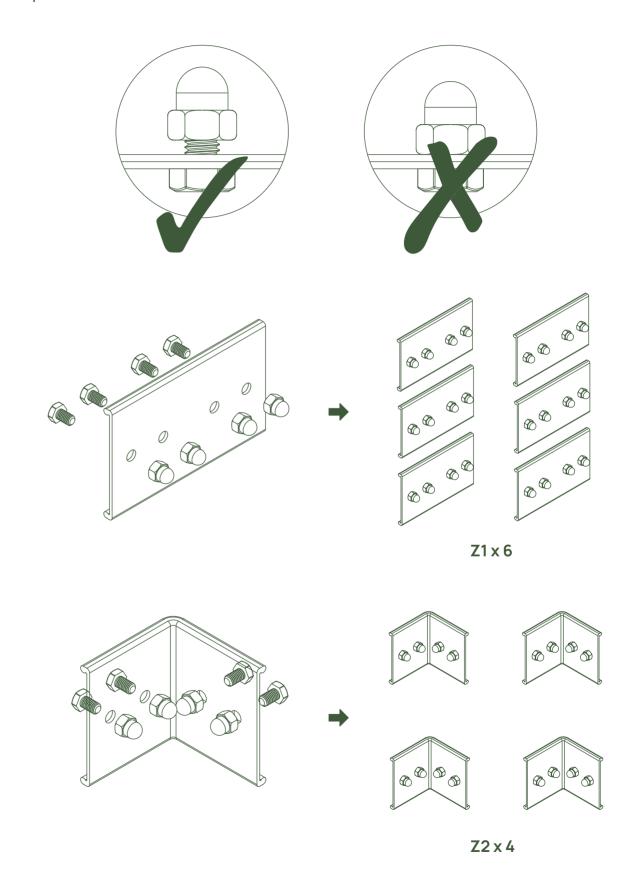
# STEP 03

Slide the heads of 26 S03A bolts in the grooves of the frame, on the inside and outside, as shown below. These will hold the outside connectors and anchor brackets.



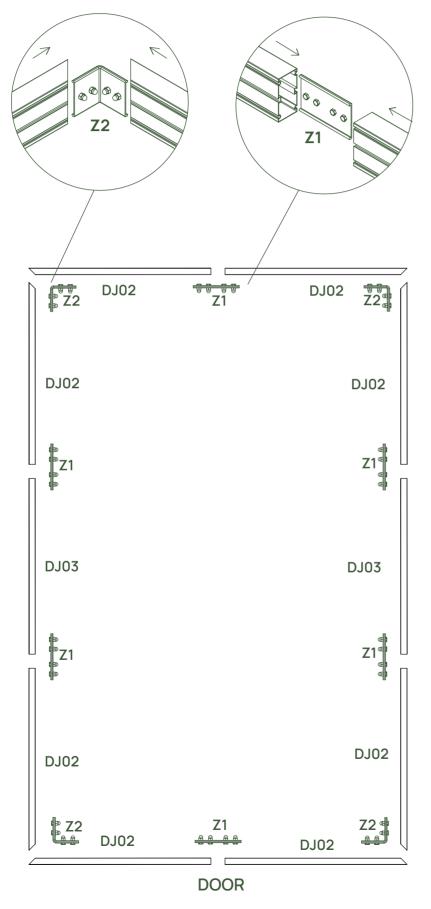


Assemble 6 sets of Z1 and 4 sets of Z2 connection plates by loosely installing the bolts and cap nuts.



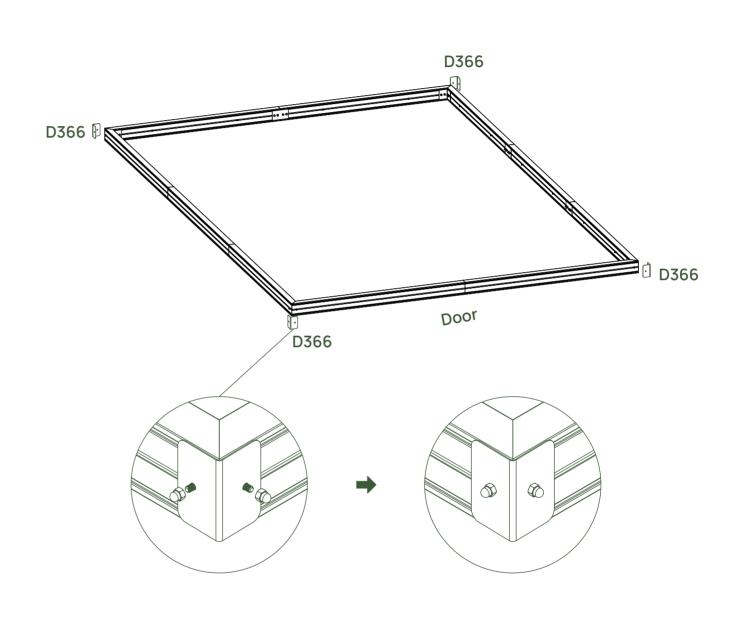


Slide Z1 & Z2 in the grooves of foundation pieces to connect each section and tighten the bolts until the frame is flush and square.





Connect the 4 corners with D366 L brackets using the pre-slid bolts and nuts.









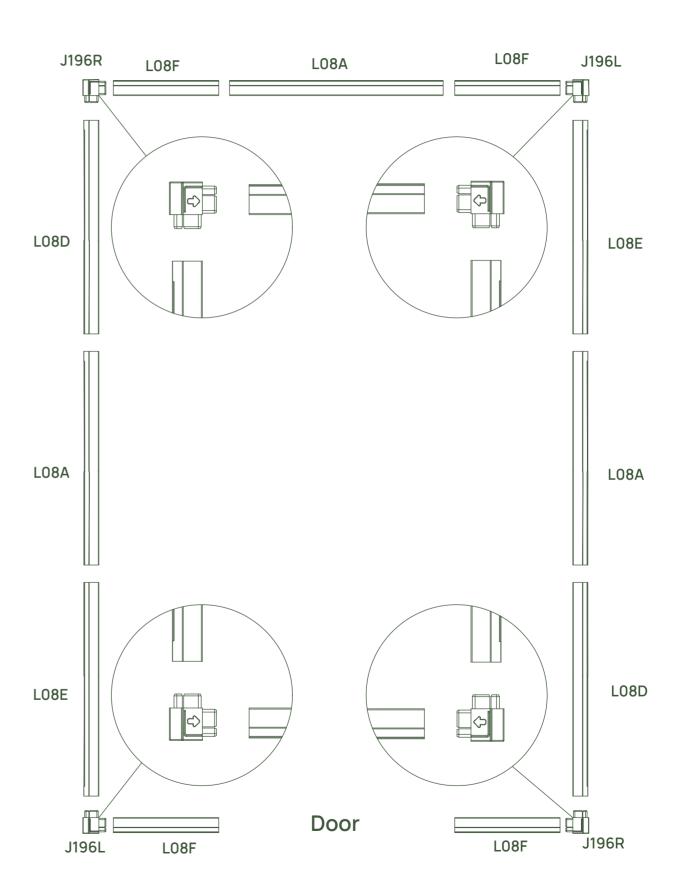
16

Lay out the base frame pieces as shown in the diagram, **noting that there are two types of corner pieces**.

вох	PART	NO	QTY
BOX 2	Н	L08A	1
EBOX 1	Н	L08A	2
BOX 2	Н	L08D	2
BOX 2	H	L08E	2
BOX 2	Н	L08F	4
BOX 2		J196R	2
BOX 2	15	J196L	2
BOX 2		D75	14
EBOX 4		D75	4
BOX 2		D76	14
EBOX 4	٥	D76	4
BOX 2		D22	14
EBOX 1		D22	4
	0	Z13A Ø5X40	18
		M24 M6	18
		S08 M8X60	18
		H79 Ø6.5X16X1.2	18

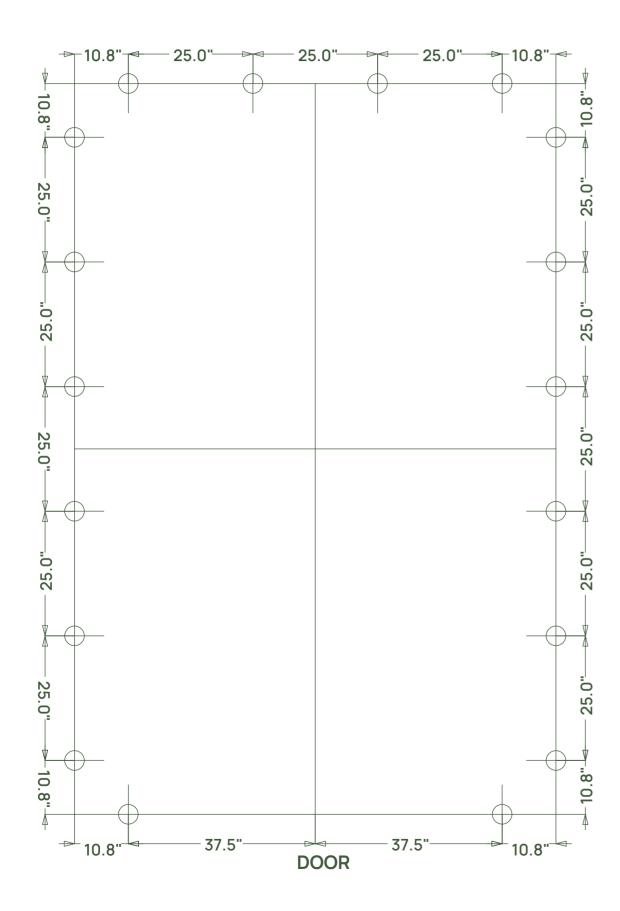


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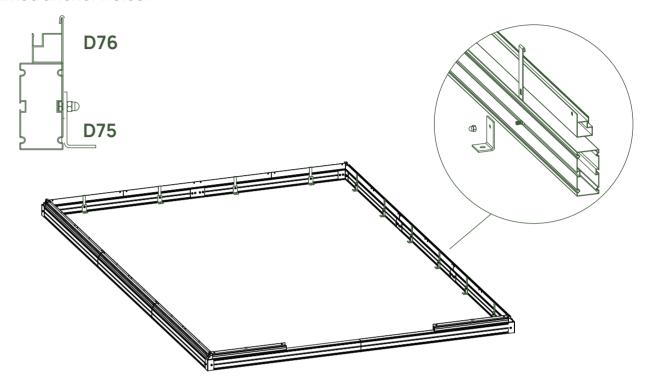
## 02

Mark 18 anchor holes on ground per the template below.

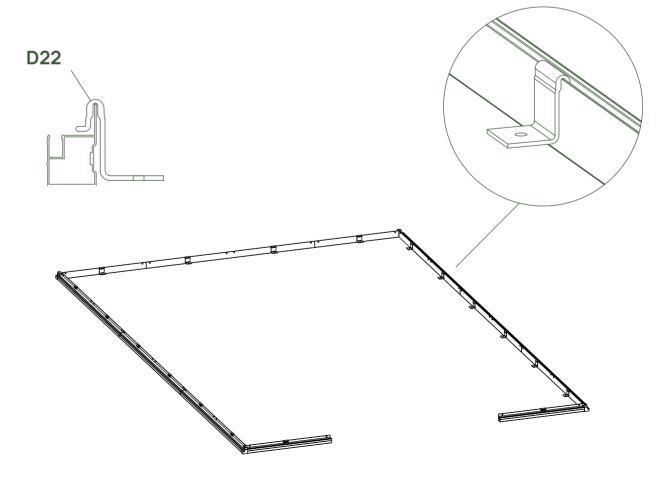




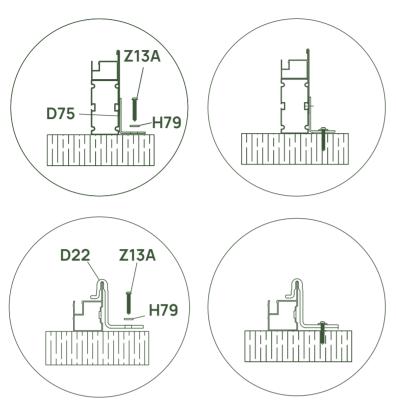
When connecting the base frame to the Vego Foundation Frame Kit, connect D75 and D76 brackets to the pre-slide S03A bolts, attach M24 nuts and slide the bracket assembly over the marked anchor holes.



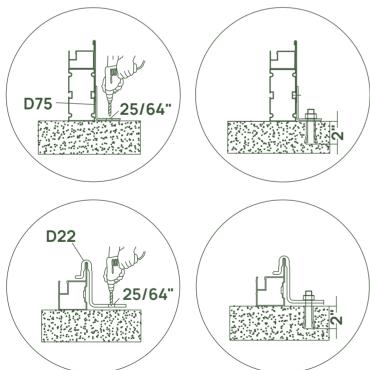
When connecting the base frame to your own foundation, use D22 bracket to affix it instead.



a. For wood surfaces, use Z13A wood screws and H79 washers to affix the base through the D75 or D22 bracket.



b. For cement surfaces, drill 16 holes at a 2" depth with a hammer drill and 25/64" drill bit. Insert S08 anchors into the holes, and attach D75 or D22 brackets using the included nuts.



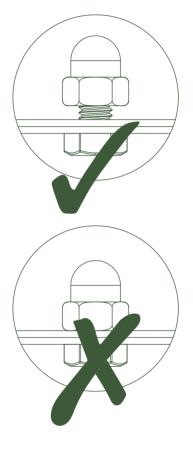
c. For firm ground installation, purchase heavy duty landscape stakes, at least 12", to drive through the anchors into the soil.





Starting to the left of the door position, begin the vertical frame assembly. Loosely attach all bolts and nuts, tightening after wall frame assembly is complete.

вох	PART	NO	QTY
BOX 3	F	L01A	1
BOX 3	F	L01B	1
BOX 3	F	L01E	1
BOX 3	F	L01F	1
BOX 3	王	L02A	6
EBOX 1	王	L02A	4
BOX 1	<u> 75</u>	L03C	1
BOX 1	否	L03D	1
BOX 3	<u>75</u>	L03G	1
		S03A M6X10	34
	<b>©</b>	M24 M6	34



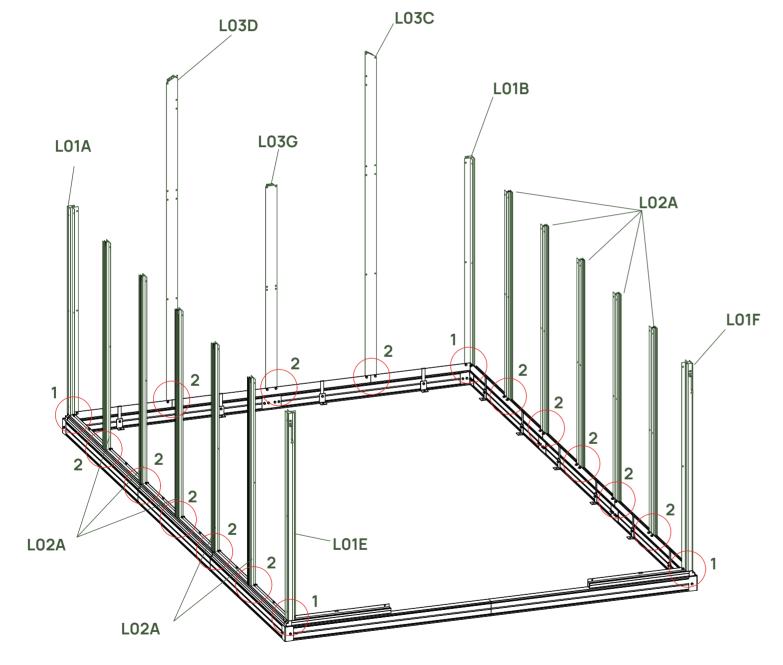


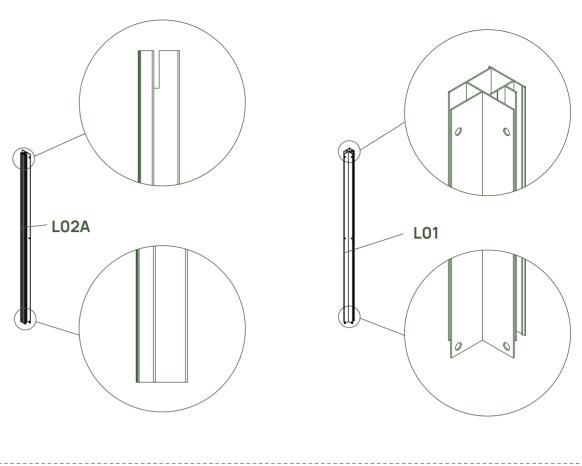
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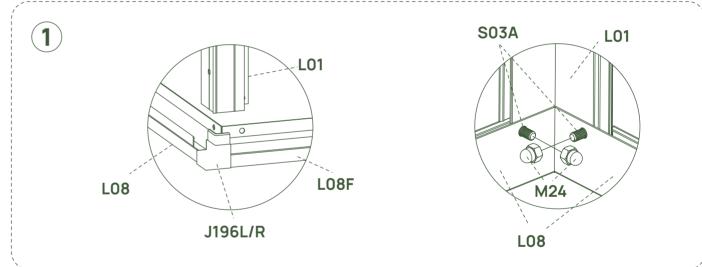
Note:

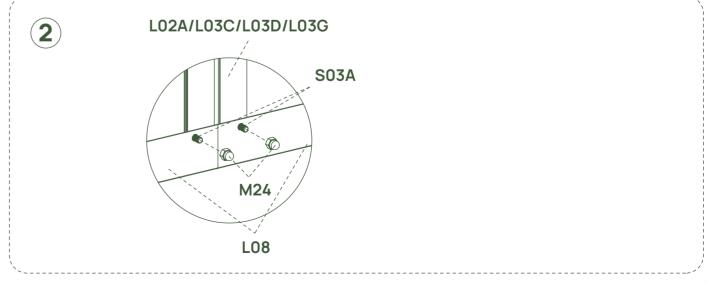
For LO2A frame: the cut ends face upward

For LO1A, B, E, F frames: the ends with holes drilled further from the edge face upward





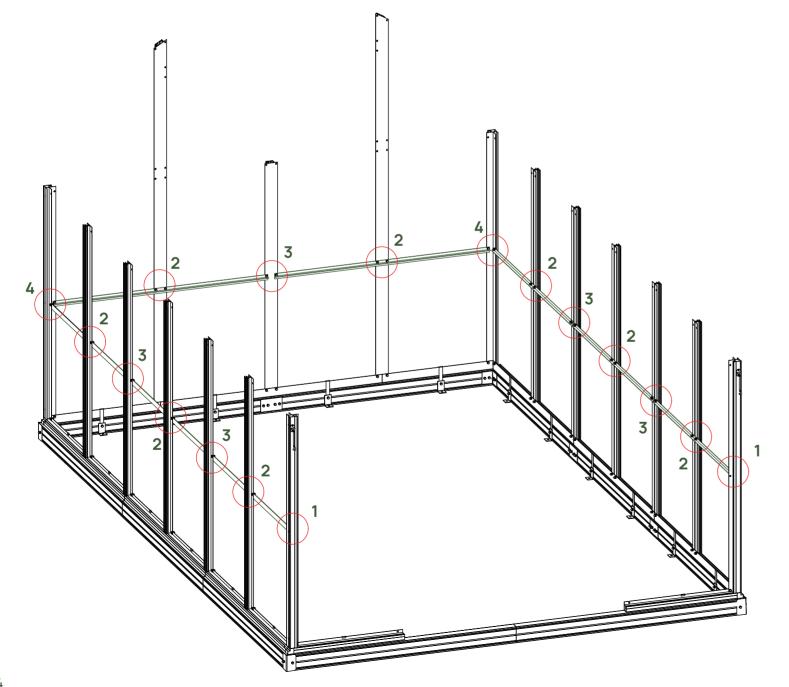


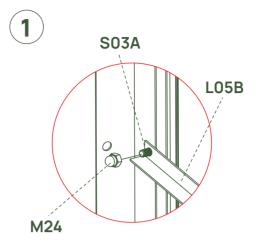


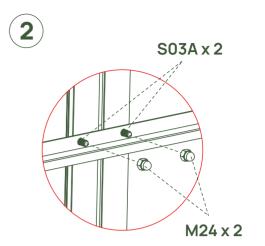
## 02

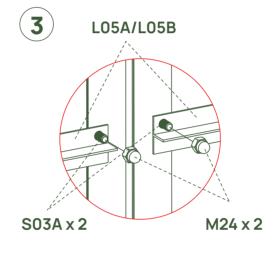
Attach a vertical frame piece, followed by a horizontal piece, moving around the greenhouse clockwise. It is important for structural stability during assembly to attach horizontal braces after each vertical component. Cap nuts always face inside.

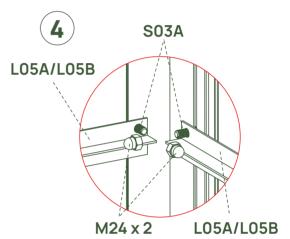
BOX	PART	NO	QTY
BOX 1		L05A	6
EBOX 1		L05A	2
		S03A M6X10	32
	<b>©</b>	M24 M6	32













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## Door Frame Assembly

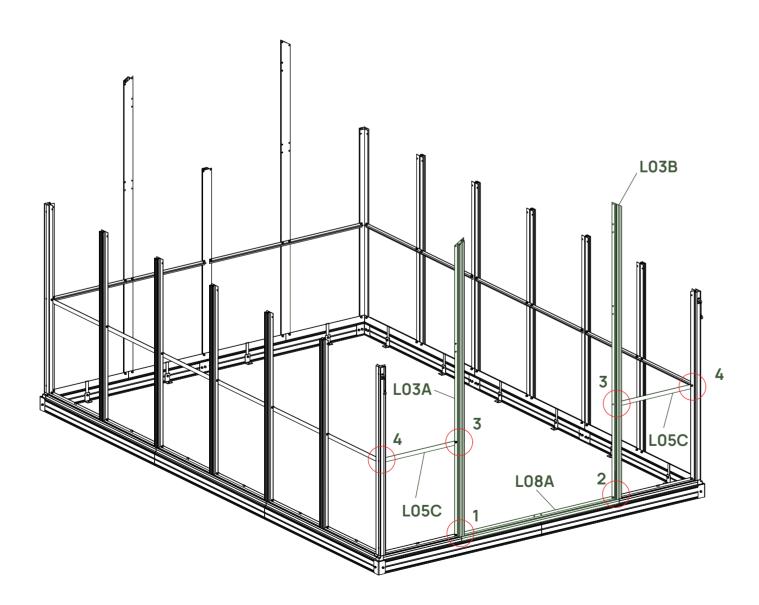
Note: Different bolts and nuts are required to complete the installation, as shown in the diagram.

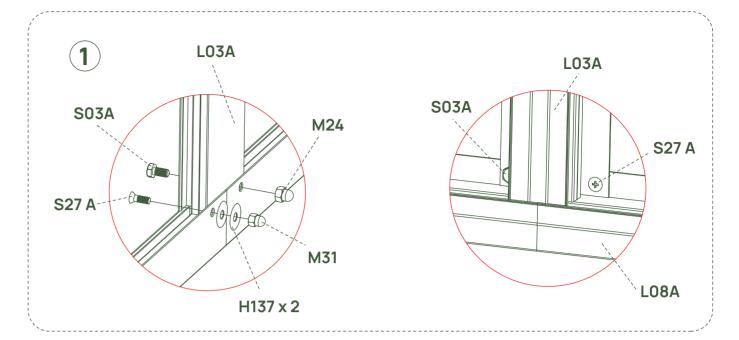
For L08A,S27A flat head bolts and M31 nuts are used to secure the interior side of the door frame.

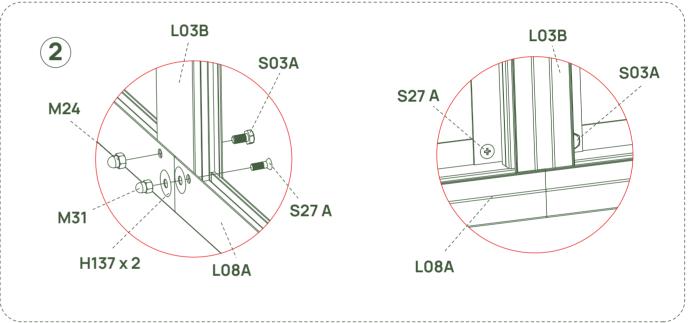
S03A hex head bolts and M24 nuts are used for the external side of the door frame.

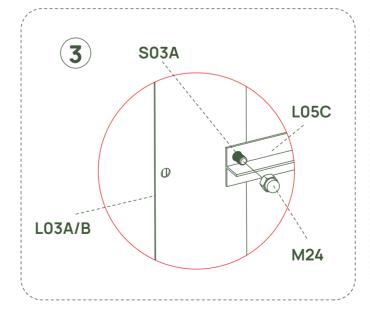
For L03A/B, use S03A hex head bolts and M24 nuts to secure in place.

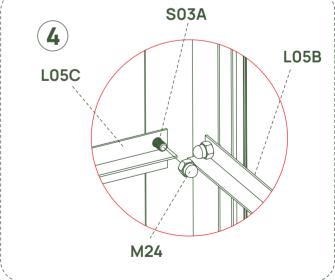
BOX	PART	NO	QTY
BOX 1	乃	L03A	1
BOX 1	<u> </u>	L03B	1
BOX 2		L05C	2
BOX 2	Н	L08A	1
		S03A M6X10	24
	<b>©</b>	M24 M6	24
	(F)	S27 A M5X12	2
		M31 M5	2
	0	H137	4







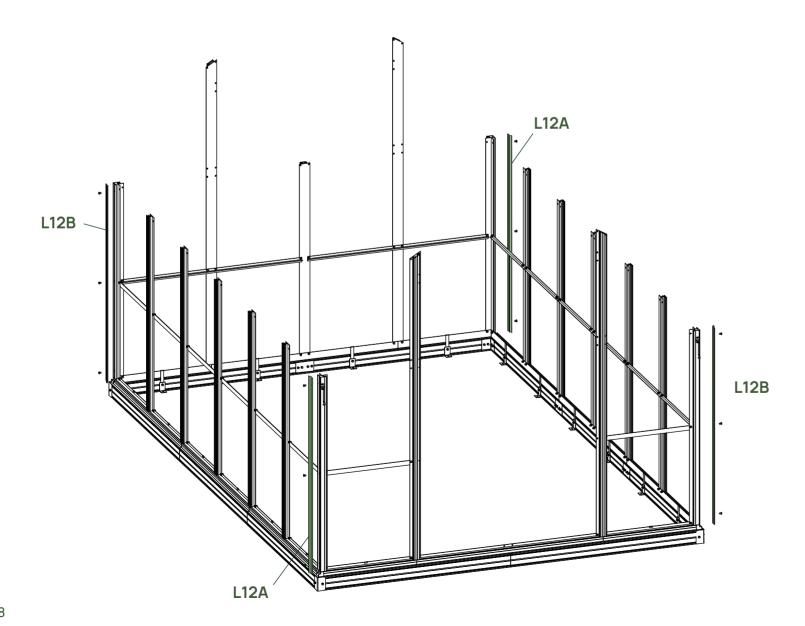


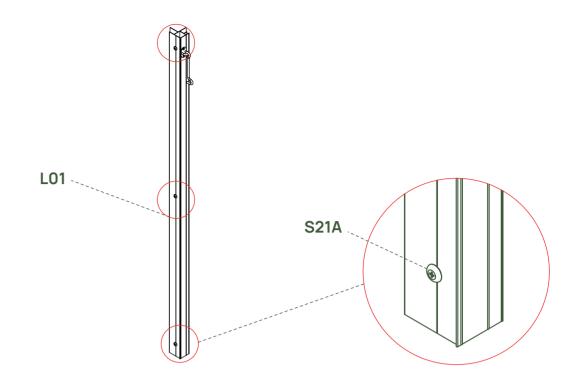


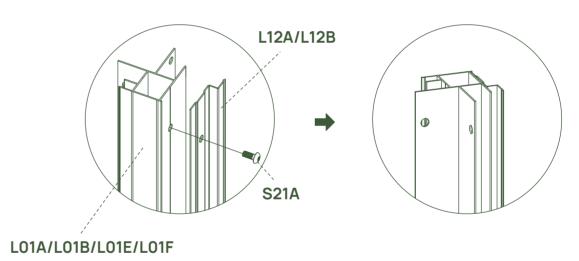


Attach the L12A/B pieces to the corners as shown below, using the pre-installed S21A bolts, to create channels that will hold the PC panels in place. Remove the S21A bolts prior to attachment.

BOX	PART	NO	QTY
		S21A M5X12	12
BOX 3		L12A	2
BOX 3		L12B	2
BOX 4		Y5	14
EBOX 2		Y5	4
	20M	H158	1







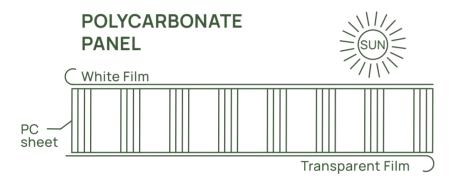


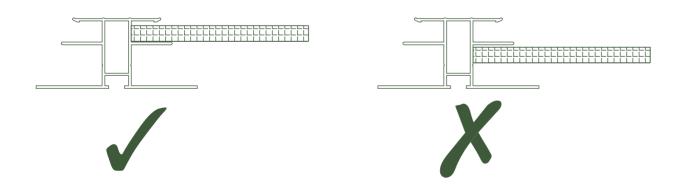
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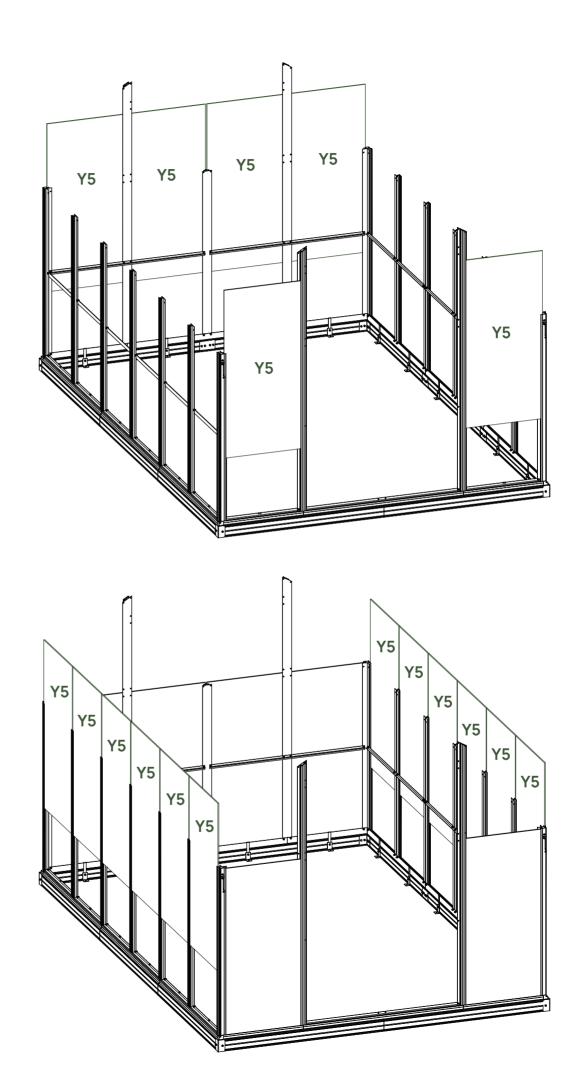
## PC Wall Panel Assembly

Note: The white film indicates the UV-protected side of the panels. We recommend waiting to remove the white film until you have placed the panels in the frame, to ensure that the UV side is facing outwards.

Insert panels in the grooves as shown in the diagram below, ensuring the UV side of the panels are facing outwards.









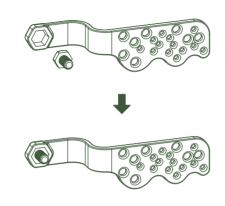
#### Secondary Horizontal Frame Assembly

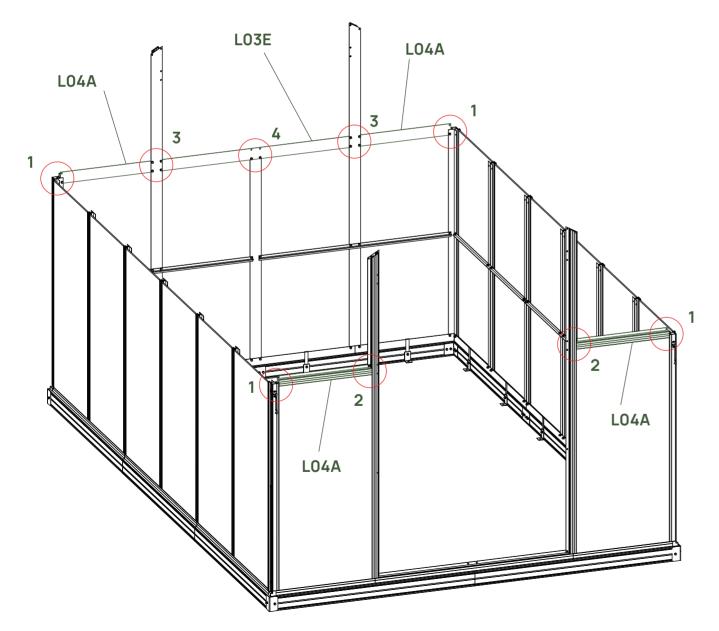
#### Note: Hex tool required.

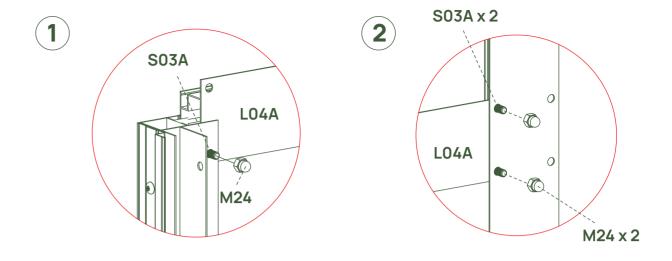
Place S03A bolts on hex tool, load it into the hole between the gap of the two frames, attaching M24 nuts loosely, then remove the hex tool.

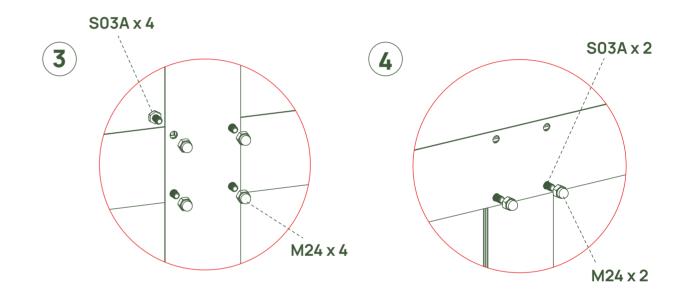
Repeat this step for all holes in hard to reach spots.

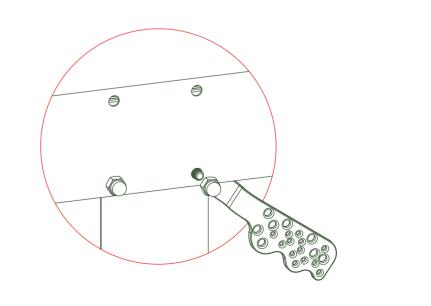
вох	PART	NO	QTY
BOX 2	_西	L04A	4
BOX 3	<u> </u>	L03E	1
		S03A	18
		M6X10	10
		M24	18
		M6	10









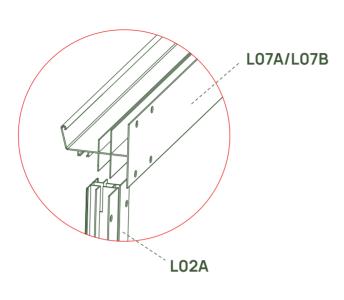


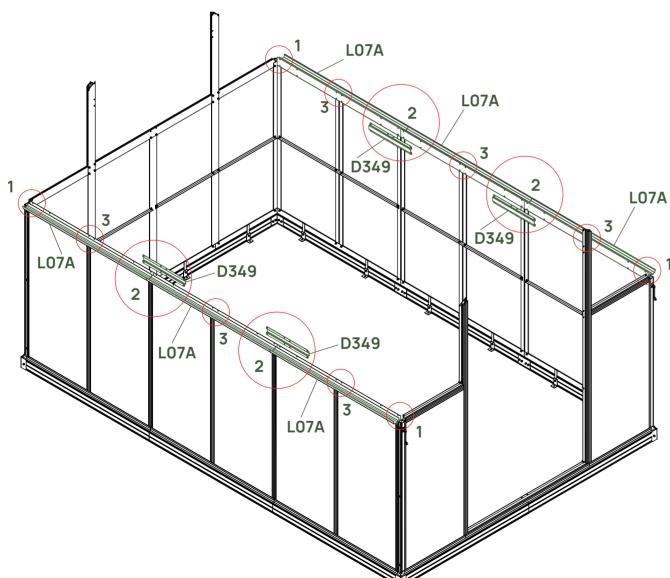


#### Frame Connectors Assembly

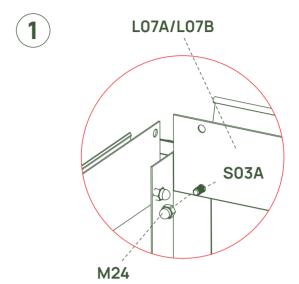
Insert L07 into the slot at L02A's end, as shown.

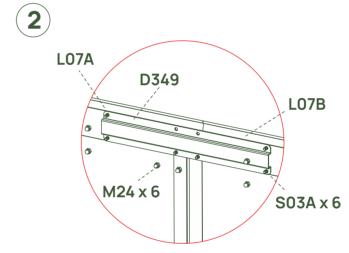
BOX	PART	NO	QTY
BOX 1		L07A	4
EBOX 1		L07A	2
BOX 2		D349	2
EBOX 1		D349	2
BOX 2		D25	2
EBOX 1		D25	4
		S03A	48
		M6X10	40
		M24	48
		M6	40

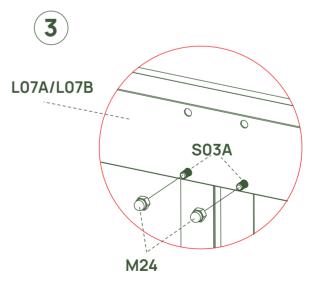




For D349 connectors shown in image 2, do not insert bolts into the middle top 2 holes yet; this will be completed in a later step.



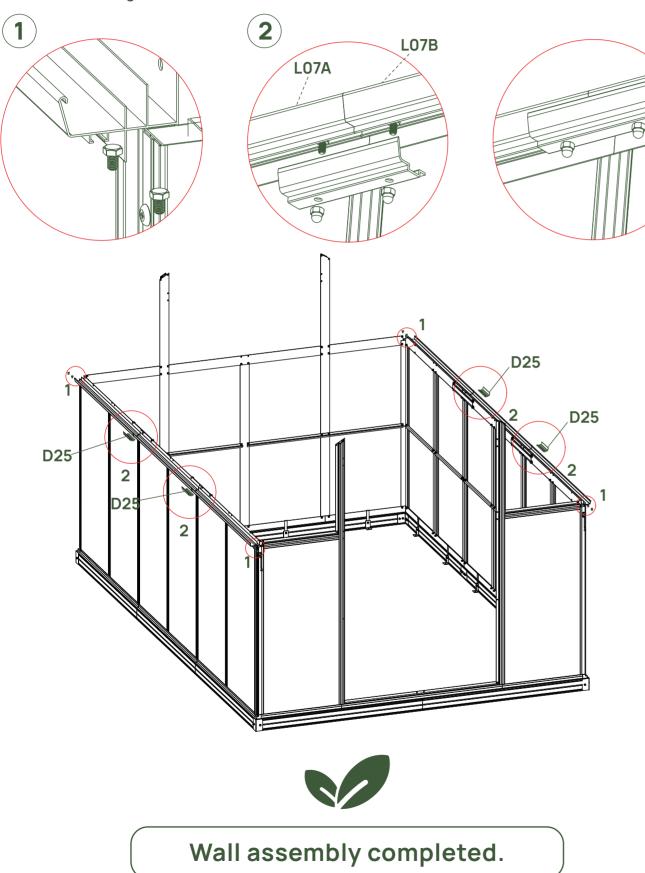




## D25 Gutter Connectors

Slide 4 S03A bolts in the grooves of the frame, two from the front, two from the back, and position them as shown in the diagram.

Secure the D25 gutter connectors with M24 nuts.







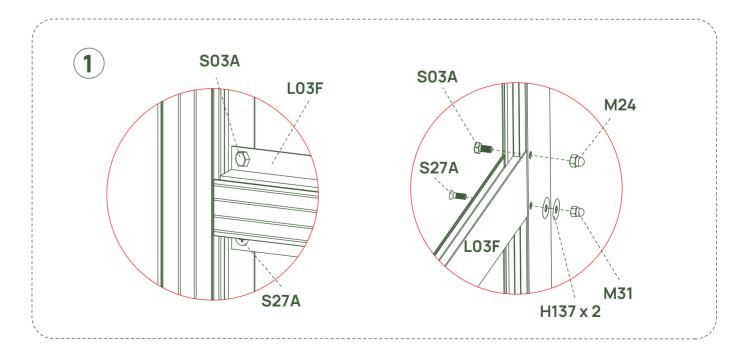
#### Front & Back Gable Assembly

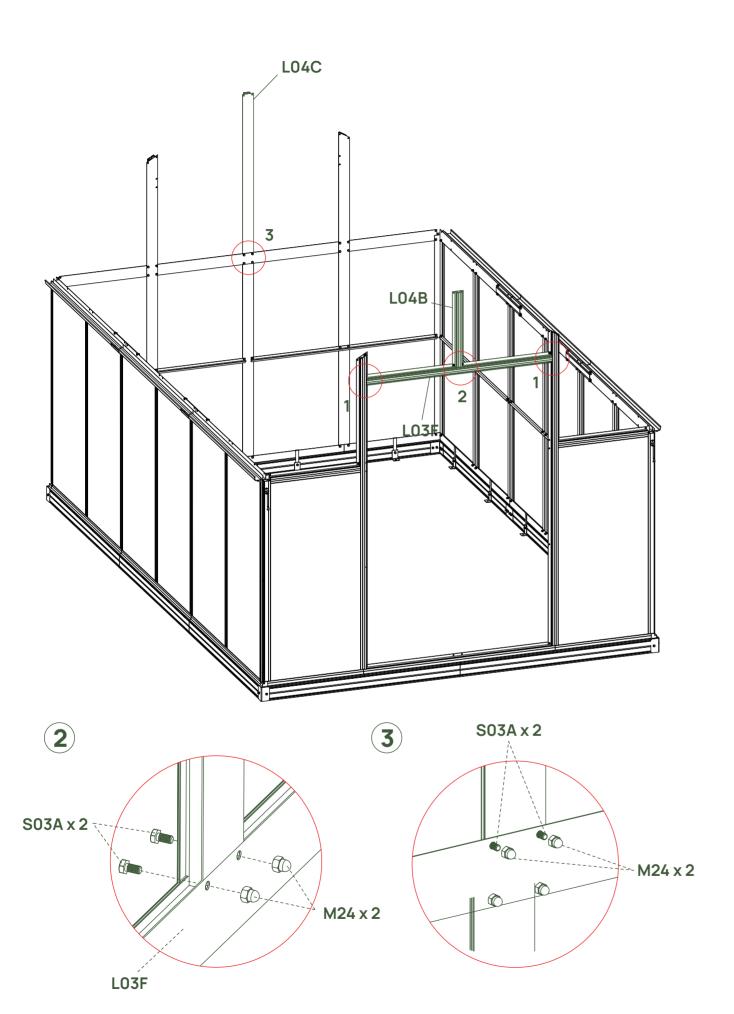
Note: Different hardware is required for top and bottom holes on L03F

Top holes: S03A, M24

Bottom holes: S27A, H137, M31

BOX	PART	NO	QTY
BOX 3	<u> </u>	L03F	1
BOX 2	_凸	L04B	1
BOX 2	_凸	<u></u> L04C	
		S03A M6X10	6
	<b>©</b>	M24 M6	6
		S27A M5X12	2
	<b>©</b>	M31 M5	2
	0	H137	4

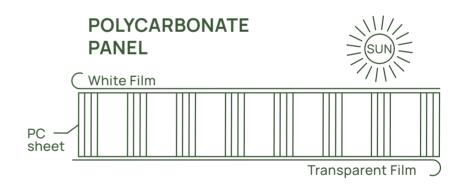


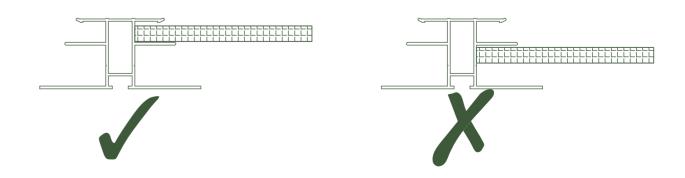


# Upper Front and Back PC Panel Assembly

Note: The white film indicates the UV-protected side of the panels. We recommend waiting to remove the white film until you have placed the panels in the frame, to ensure that the UV side is facing outwards. Remove the plastic film from both sides of the panels, noting that the white film side is the UV-protected side of the panel, and should be installed facing outwards.

ВОХ	PART	NO	QTY
BOX 4		Y1	2
BOX 4		Y2	2
BOX 4		Y3	1
BOX 4		Y4	1
BOX 5		Y12	1
BOX 5		Y13	1
	0	H158	1

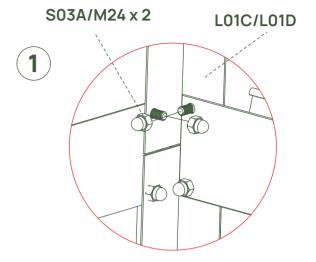


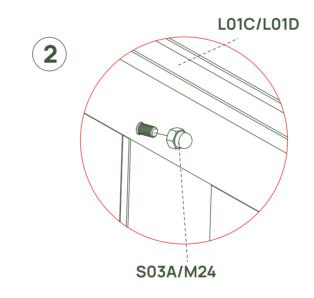


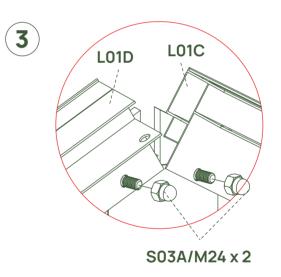
# Roof Frame Assembly

Slide the corresponding roof frame pieces over the PC panels, and bolt into place.

ВОХ	PART	NO	QTY
BOX 3	F	L01C	2
BOX 3	干	L01D	2
		S03A	16
		M6X10	10
		M24	16
		M6	10

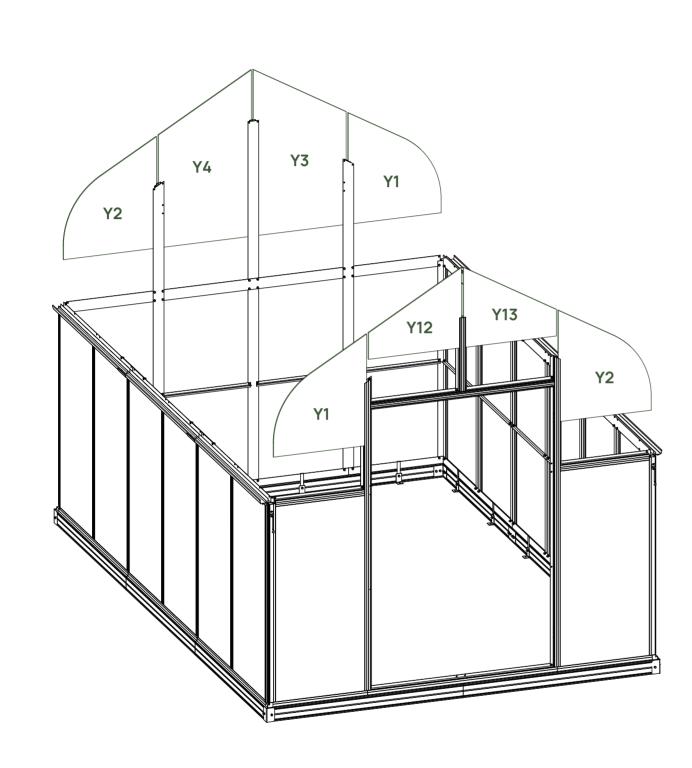


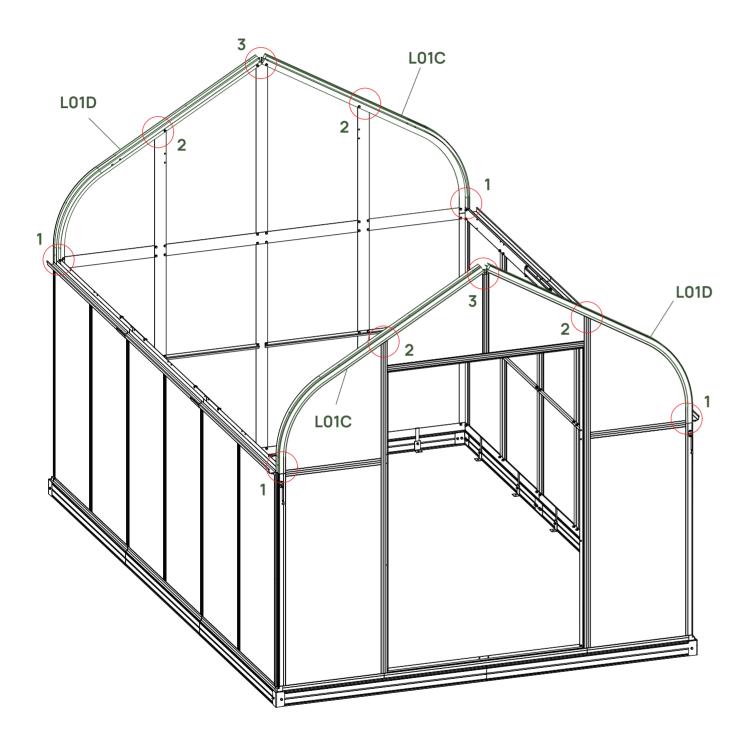






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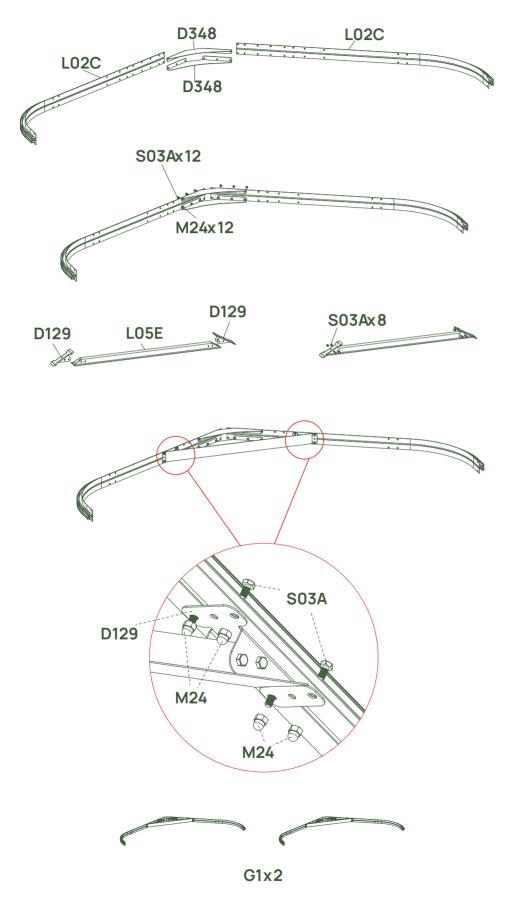


BOX	PART	NO	QTY
BOX 2		L05E	1
EBOX 1		L05E	1
BOX 3	王	L02C	2
EBOX 1	王	L02C	2
BOX 2		D129	2
EBOX 1		D129	2
BOX 2		D348	2
EBOX 1		D348	2
		S03A M6X10	40
	<b>(6)</b>	M24 M6	40



Scan the QR code above or visit **vegogarden.com** to learn more about your Vego Greenhouse Kit.

Assemble 2 sets of roof frame (G1) supports by connecting L02C pieces with D348 pieces. Then assemble and attach the support bar by connecting a D129 to each end of LO5E with SO3A bolts. The support bar then can be bolted to the underside of the roof frame support as shown.

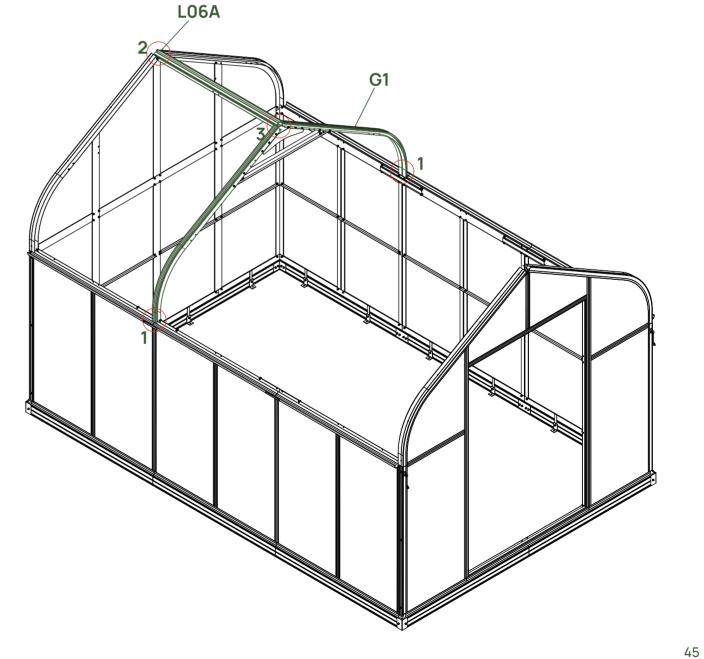




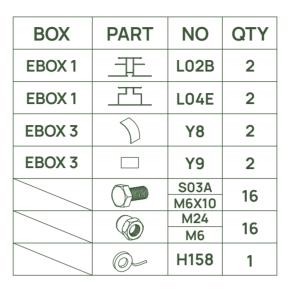
# Ridge and Roof Panel Assembly

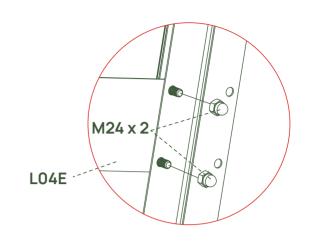
Install roof frame G1 as shown. Secure with bolts and cap nuts. Install the ridge along the top of the roof. First, gently pull the roof frame pieces apart at the peak, and insert the ridge piece, aligning the bolt holes, and attach.

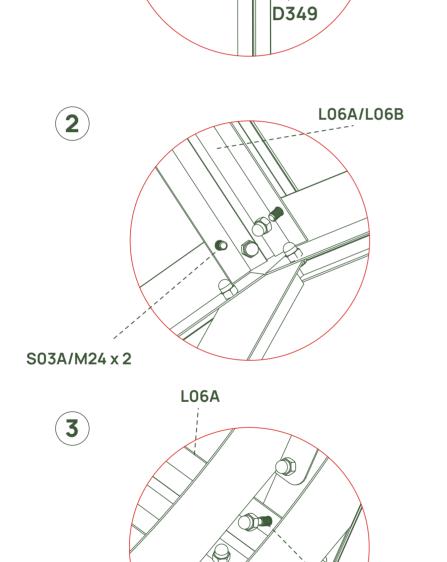
BOX	PART	NO	QTY
		G1	1
EBOX 1		L06A	1
		S03A M6X10	8
	<b>©</b>	M24 M6	8



Install horizontal roof frame pieces (L04E) facing the back of the greenhouse as shown. Attach L04E using bolts and cap nuts.







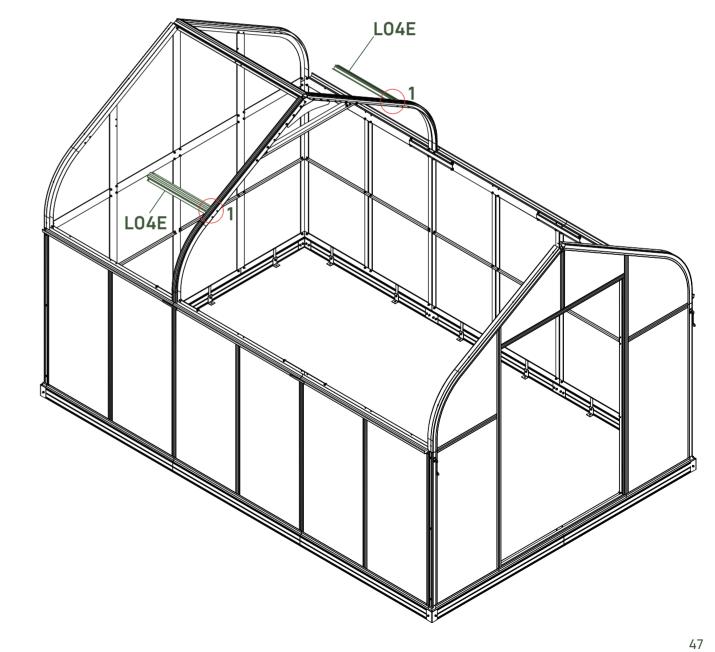
L02C

S03A/M24 x 2

S03A/M24 x 2

1

G1 ---

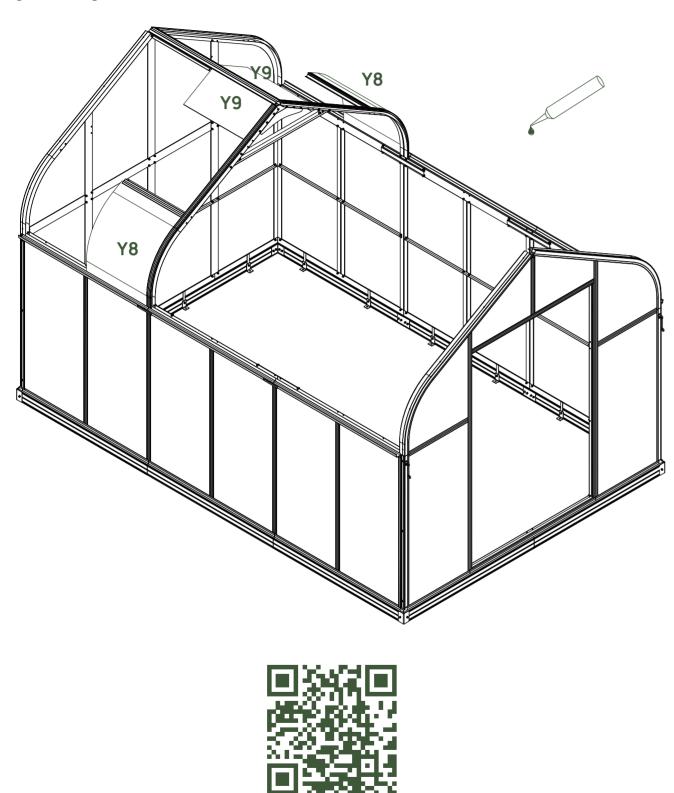


Slide Y8 PC panels, UV side out, into place.

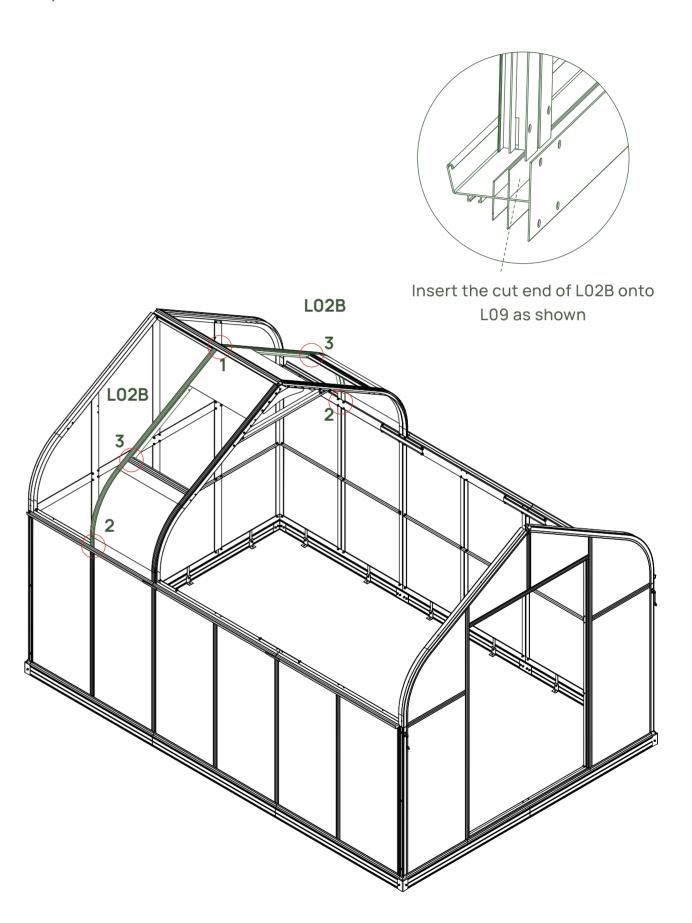
Slide Y9 panels into the peak of the greenhouse as shown, and secure to the ridge temporarily using painters tape.

As you install each roof PC panel, go ahead and apply silicone caulk around the edges to keep things watertight.

After the panels are in place, follow them by attaching two L02B pieces, making sure the slot fits into the horizontal frame, and bolt holes are aligned & flush. Secure with bolts and cap nuts.

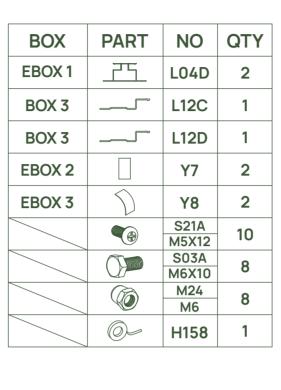


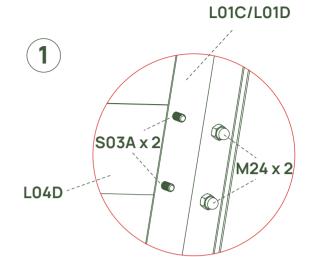
Scan the QR code above or visit **vegogarden.com** to learn more about your Vego Greenhouse Kit.

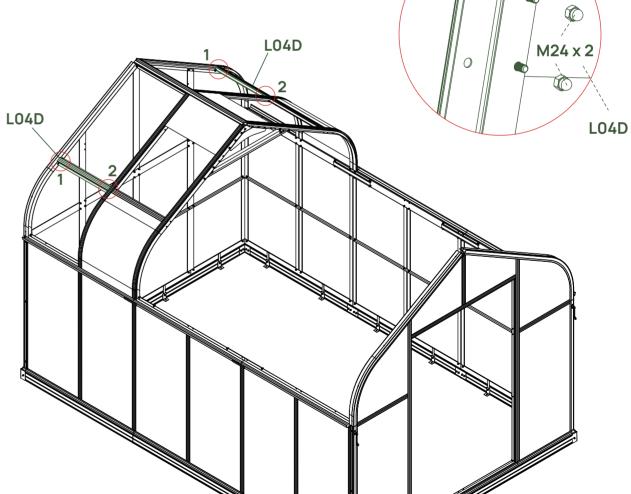




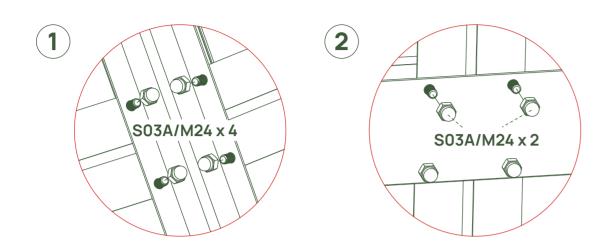
Install horizontal roof frame pieces (L04D). Attach L04D using bolts and cap nuts.

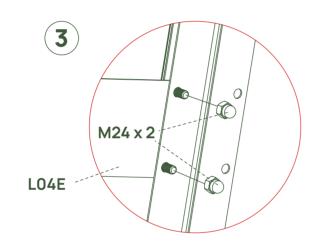






2







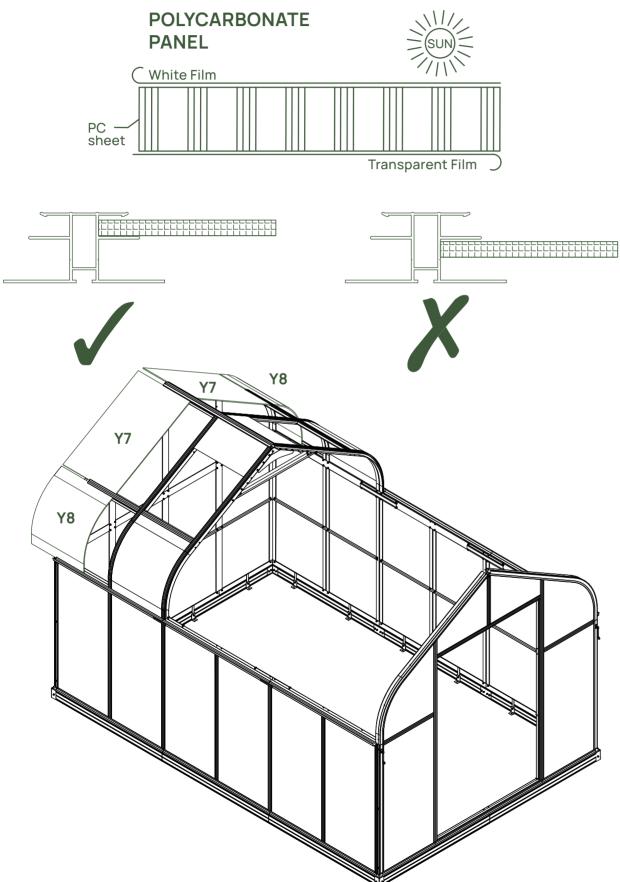
Scan the QR code above or visit **vegogarden.com** to learn more about your Vego Greenhouse Kit.

S03A x 2

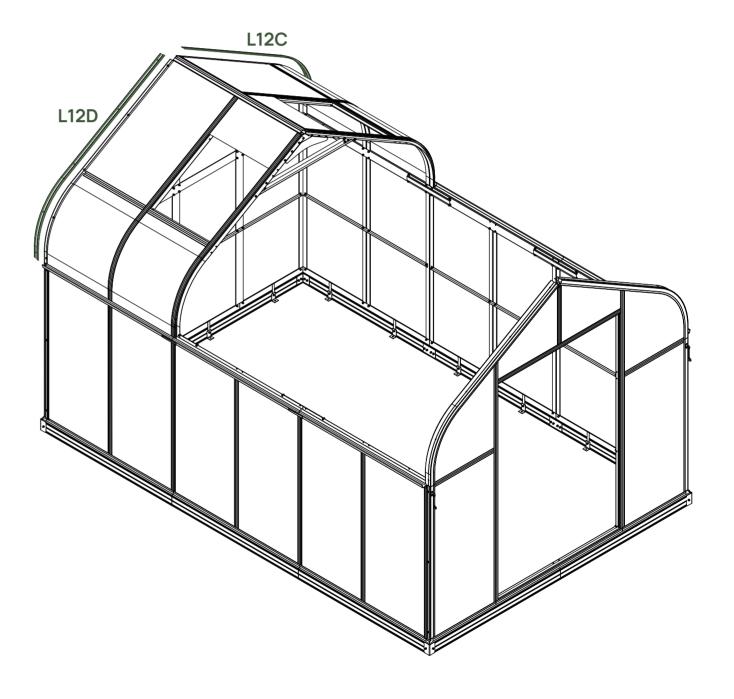
Note: The white film indicates the UV-protected side of the panels. We recommend waiting to remove the white film until you have placed the panels in the frame, to ensure that the UV side is facing outwards.

Attach L12C and L12D pieces to the outside edges of the roof, to cap the PC panels. L12C will be on the left when you are facing the outside of the back.

Slide Y7 and Y8 into the frames as shown in the diagram, UV side up.

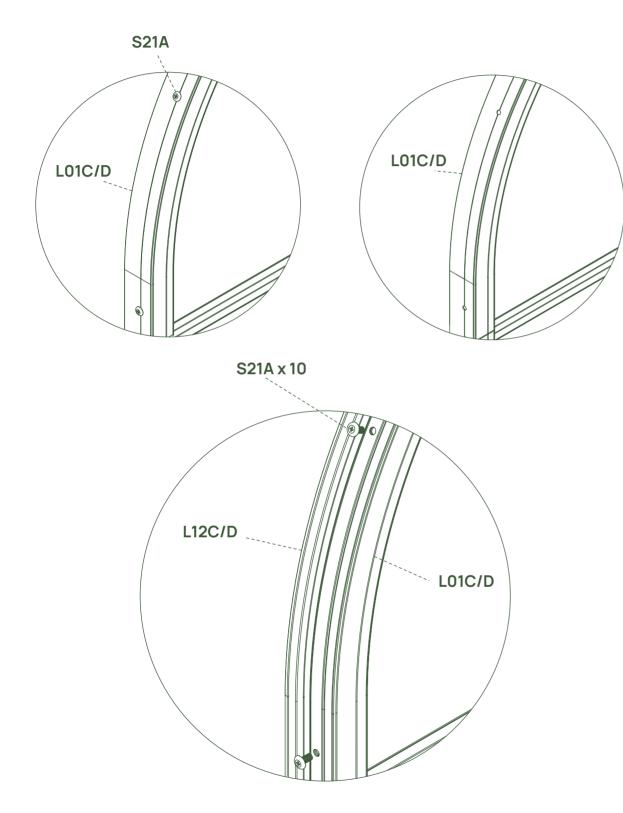


52



 $\sim$  53

Note: S21A screws are pre-attached on L01C and L01D frames, unthread and use them to secure L12C and L12D onto L01C and L01D.



# Roof Ridge PC Panel Assembly

BOX	PART	NO	QTY
BOX 2	75	L04D	2
BOX 1		L06A	2
EBOX 1		D26	1
BOX 4		Y7	2
BOX 5	$\bigcirc$	Y8	2
		S03A M6X10	6
	<b>©</b>	M24 M6	6
	4	Z08A M4.2X16	2
	<b>6</b>	H158	1



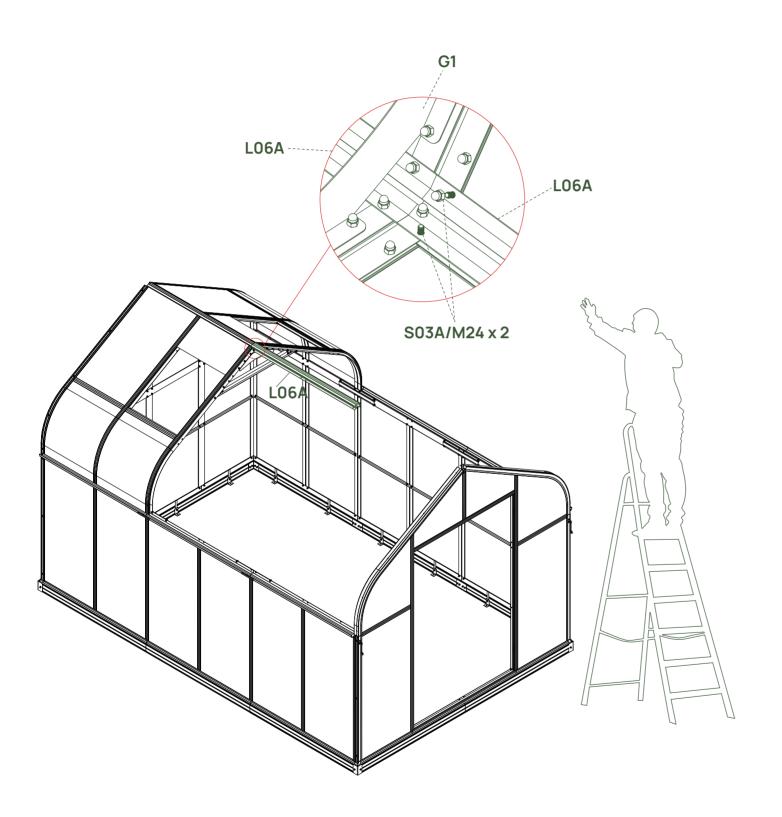
Scan the QR code above or visit **vegogarden.com** to learn more about your Vego Greenhouse Kit.

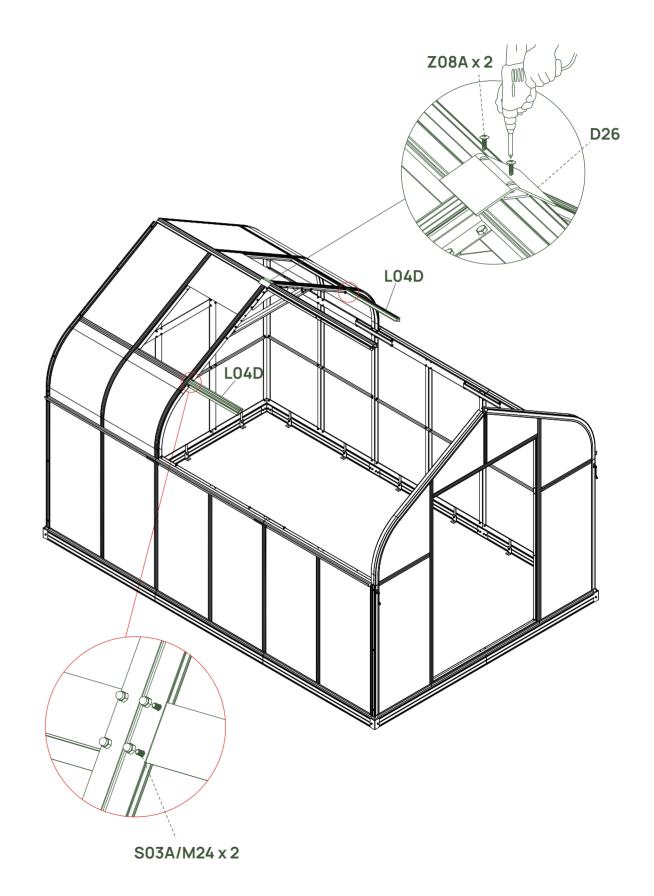
Hold L06A ridge piece in place, aligning the bolt holes, and attach.

Note: Each time you attach an L06A piece, one person needs to hold the L06A piece in place until the L02B pieces are attached, to avoid bending the frame.

Using the self-tapping screws Z08A, connect the center ridge cap (D26) to the middle joint of the roof.

Install horizontal roof frame pieces (L04D) on the other side. Attach L04D using bolts and cap nuts.





Repeat same steps for frames and panels assembly. Slide Y7 & Y8 PC panels, UV side out, into place as shown.

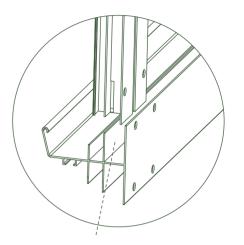
**Y7 Y8** 



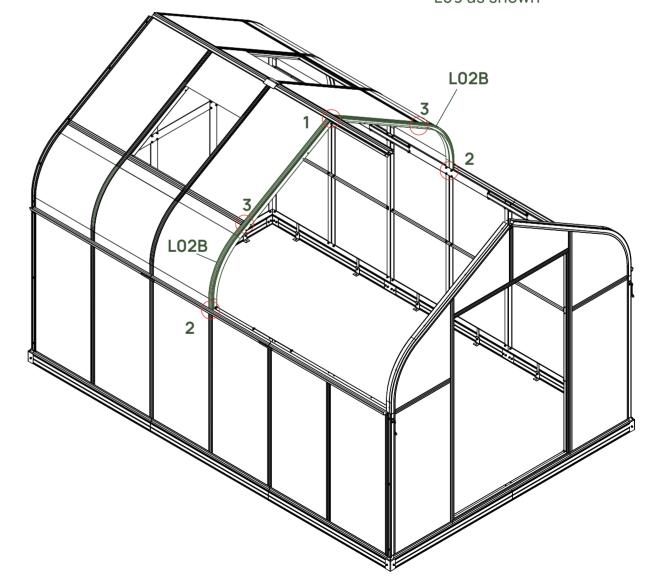
Scan the QR code above or visit **vegogarden.com** to learn more about your Vego Greenhouse Kit.

After the panels are in place, follow them by attaching two L02B pieces, making sure the slot fits into the horizontal frame, and bolt holes are aligned & flush. Secure with bolts and cap nuts.

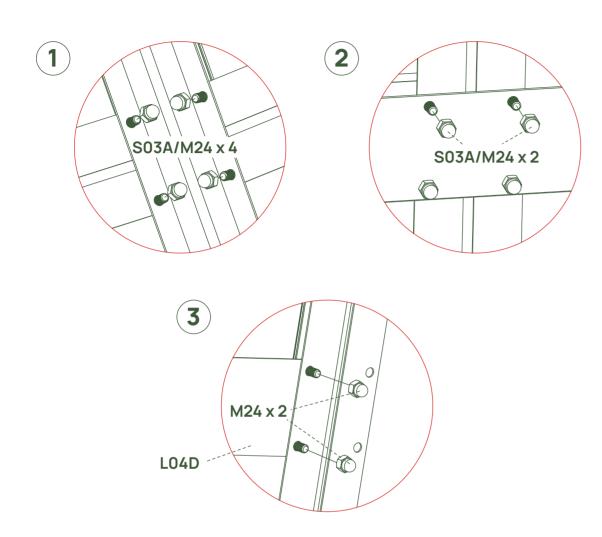
BOX	PART	NO	QTY
EBOX 1	韭	L02B	2
EBOX 1	凸	LO4E	
EBOX 3	$\bigcirc$	Y8	2
EBOX 3		Y9	2
		S03A M6X10	16
	<b>©</b>	M24 M6	16
		H158	1



Insert the cut end of L02B onto L09 as shown

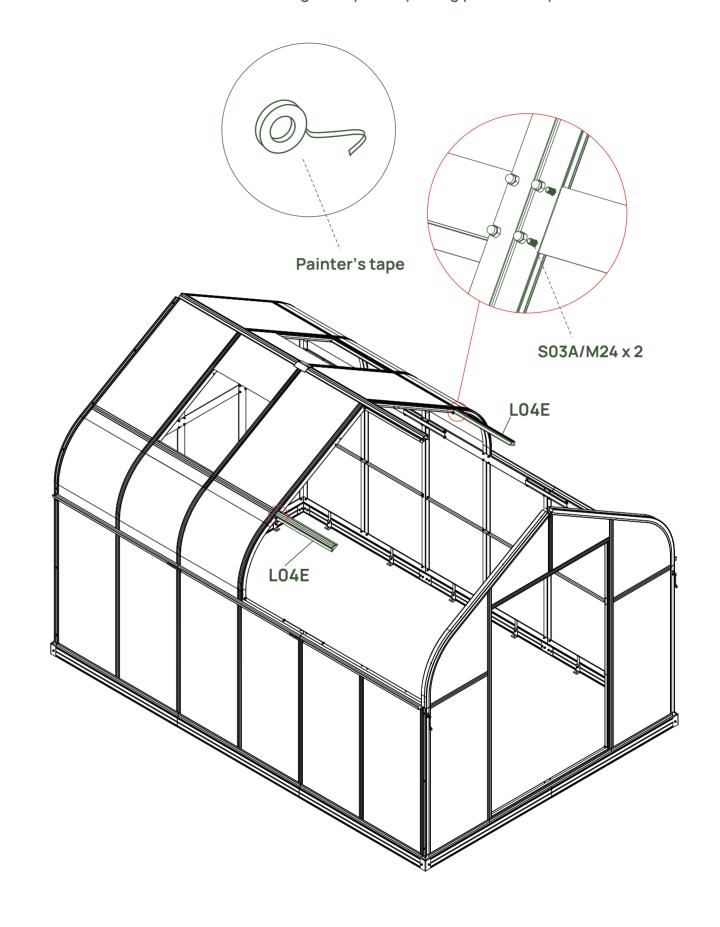


Install another set of horizontal roof frame pieces (L04E) & Slide Y8 & Y9 PC panels as shown, UV side out, secure to the ridge temporarily using painters tape.

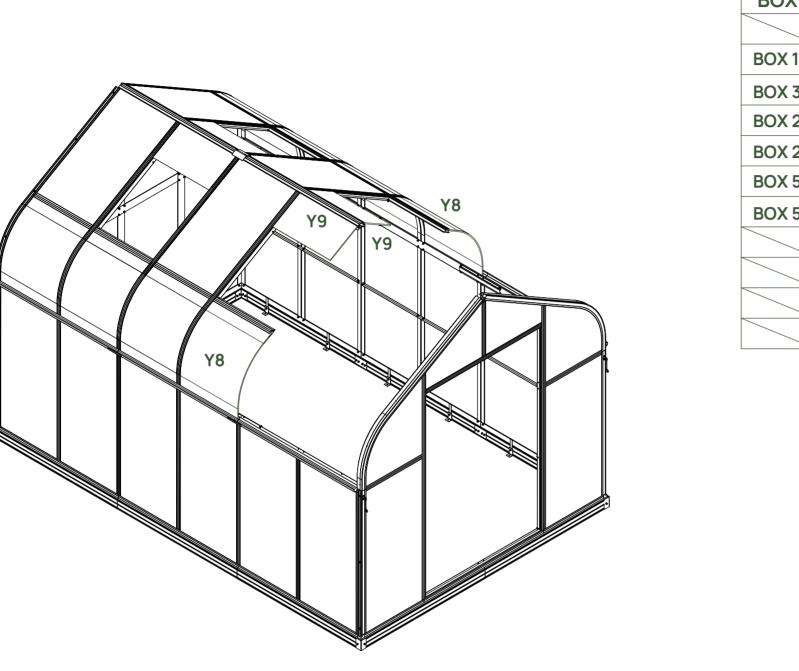


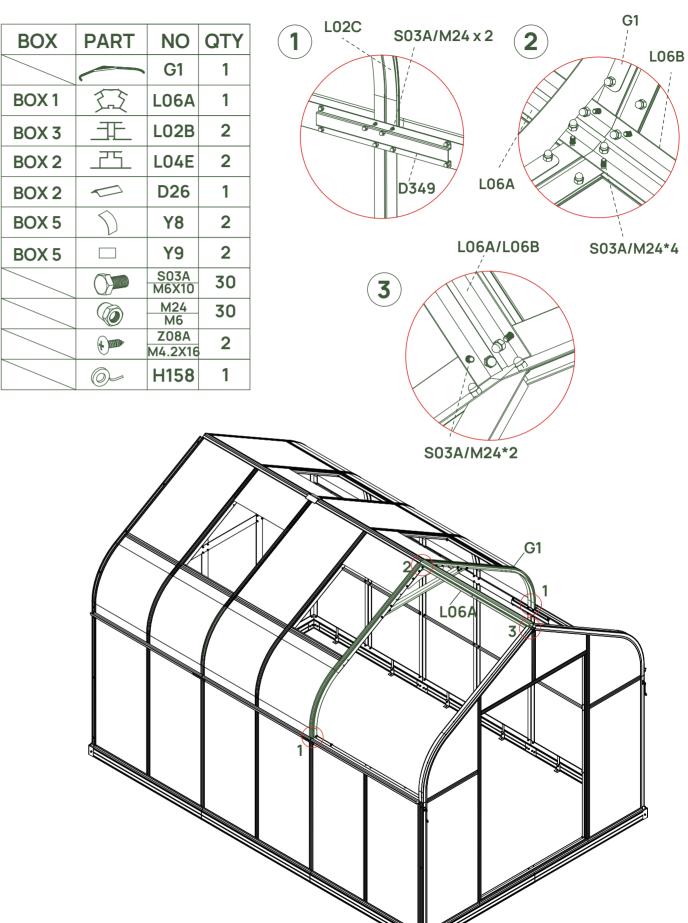


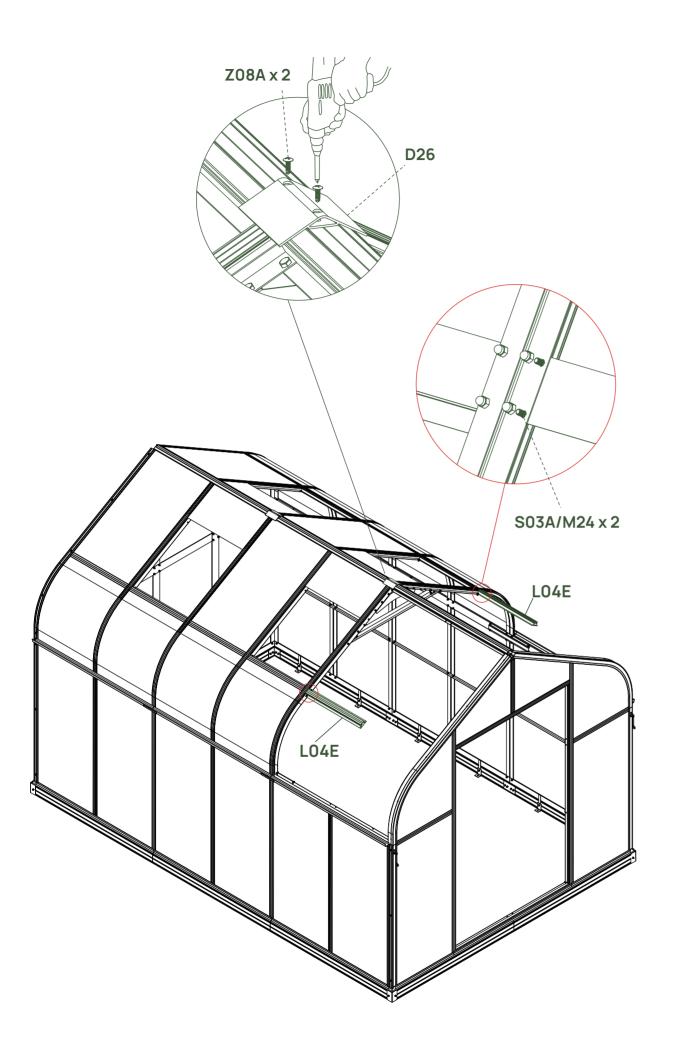
Scan the QR code above or visit **vegogarden.com** to learn more about your Vego Greenhouse Kit.



Install another roof frame G1 and the last L06A ridge piece as shown. Secure with bolts and cap nuts. Connect the center ridge cap (D26) to the middle joint of the roof.



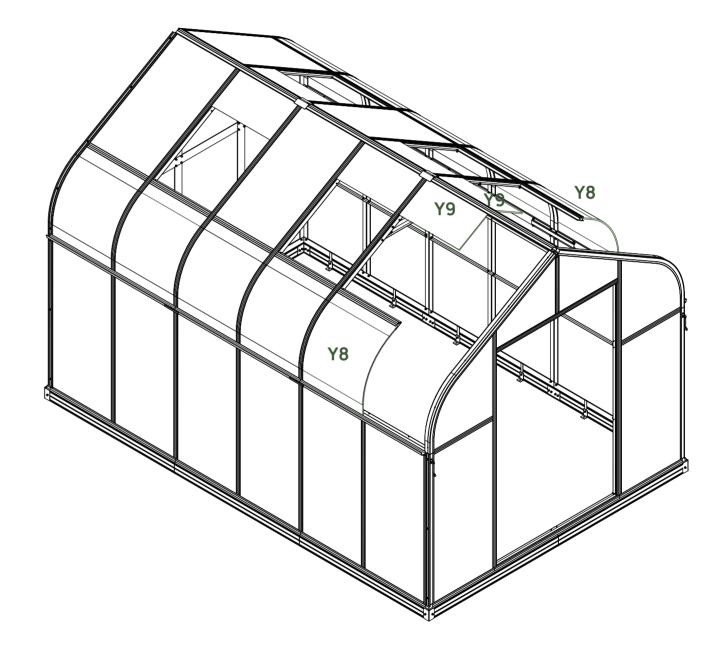


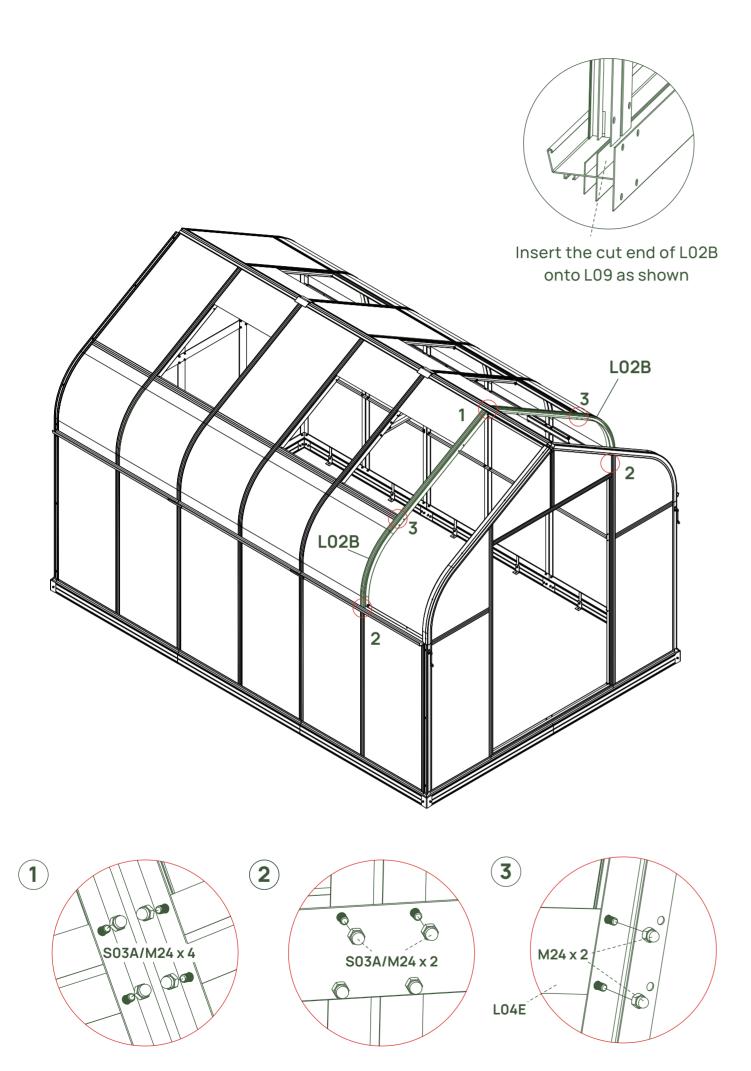


Repeat the same steps as you install the remaining frames and panels.

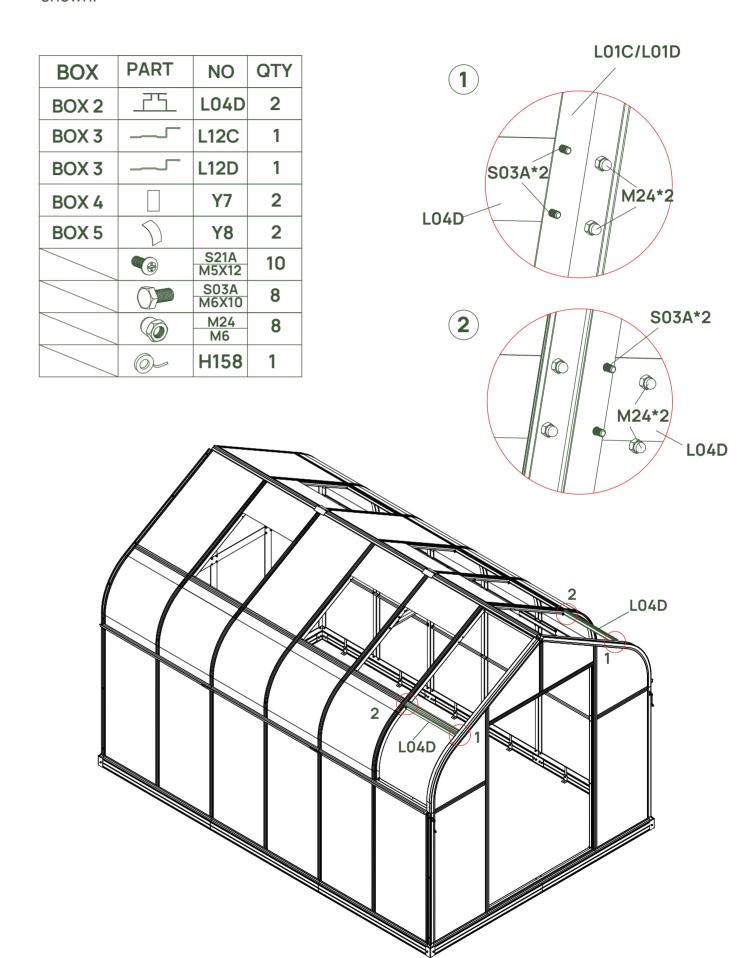
Slide Y8 & Y9 PC panels, UV side out, into place as shown. Tape Y9 to the ridge.

Follow them by attaching two L02B pieces, securing with bolts and cap nuts.





Attach horizontal roof frame pieces (L04D) to the already installed horizontal frame as shown.



Slide the final Y7 and Y8 PC panels into the frame as shown, UV side out.

As you install each roof PC panel, go ahead and apply silicone caulk around the edges to keep things watertight.

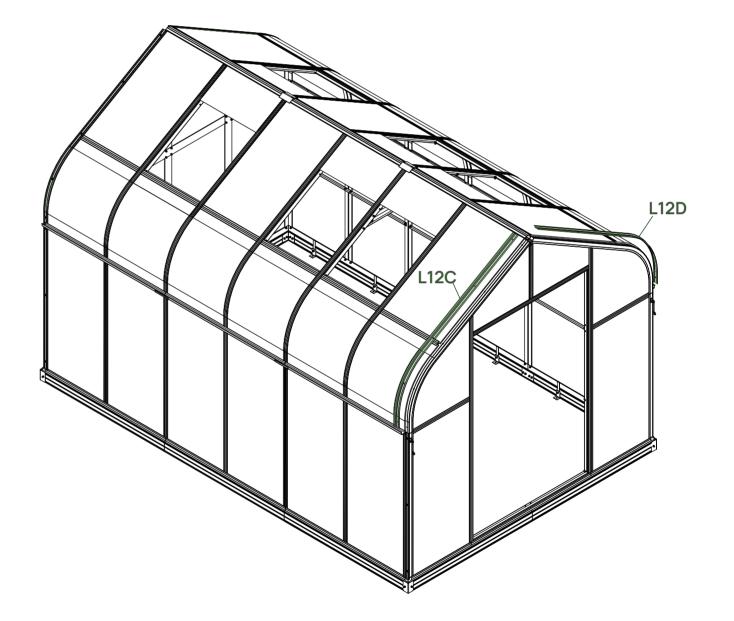
**Y8 Y7 Y8** 

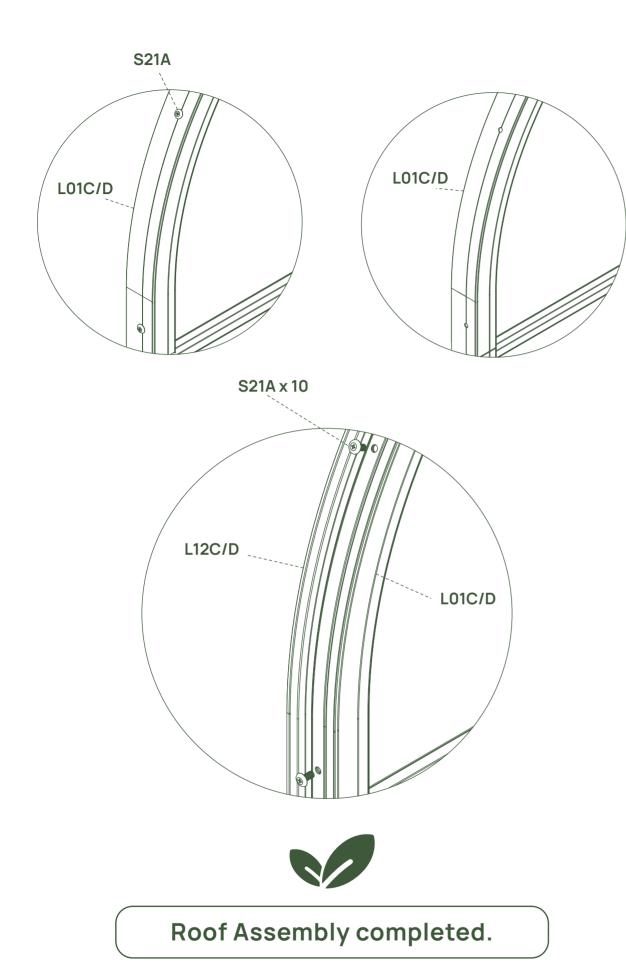


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Attach L12C and L12D pieces to the outside edges of the roof, to cap the PC panels. L12C will be on the left when you are facing the door.

Note: S21A screws are pre-attached on L01C and L01D frames, unthread and use them to secure L12C and L12D onto L01C and L01D.





70

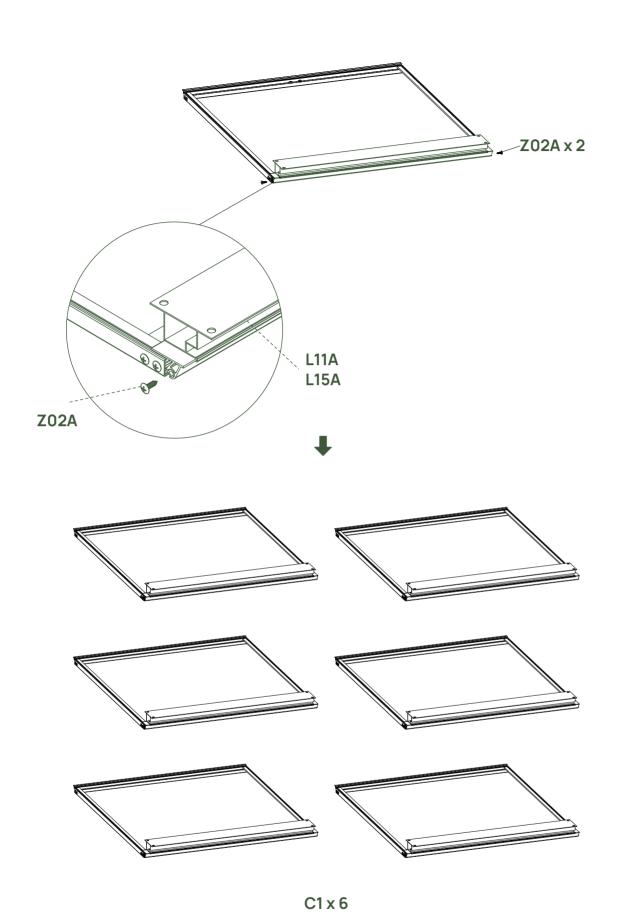




With a PC panel, UV side down, push the vent frame pieces (L19 x 2, L20, L21) onto the edges as shown, and connect with Z02A screws through the **innermost two holes**.

Slide L11A and L15A onto the L20 side of the vents as shown in the diagram. Repeat these steps to assemble a total of 8 vents, and trim any excess weather stripping from the ends.

BOX	PART	NO	QTY	
DOV 0	2	L11A	4	L21
BOX 2		L15A	4	
500V4	2	L11A	4	
EBOX 1		L15A	2	
BOX 2		L19	8	
EBOX 1		L19	4	L21
BOX 2		L20	4	L19
EBOX 1		L20	2	Y10 L19
BOX 2		L21	4	L20 Z02A x 8
EBOX 1		L21	2	
BOX 5		Y10	4	
EBOX 3		Y10	2	L20
	4	Z02A Ø4X16D	60	
				L11A L15A
				LI5A





Attach the vent arm to the C1 vent using the 219A screws.

Bolt completed C1 vent by its hinge assembly (L11A/L15A) to the roof frame.

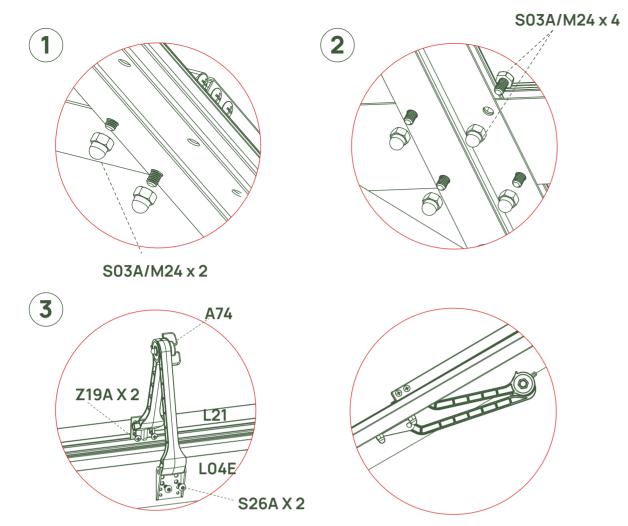
Finally, connect the loose end of the vent arm to the greenhouse frame using S26A screws.

BOX

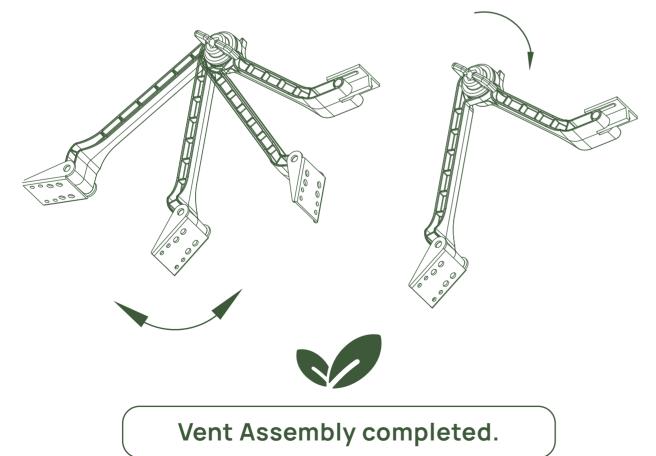
PART

NO QTY

DOX	1 / (1)	110	٠	
		C1	6	
BOX 2		A74	6	
		S26A M5X12	12	
	4	Z19A M4.2X10	12	
		S03A M6X10	24	
	<b>©</b>	M24 M6	24	
1 1	3		73	



Vents can be adjusted using the knob. Turn counterclockwise to loosen and clockwise to tighten.

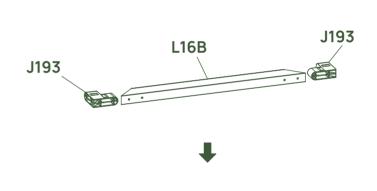


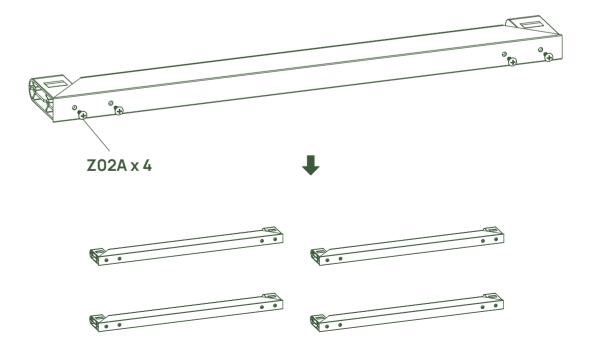
## **Door Assembly**



Begin by assembling the top and bottom edges of each door, by attaching two J193 pieces to each end of an L16 bottom frame piece.

BOX	PART	NO	QTY
BOX 1		L16A	2
BOX 2		L16B	4
BOX 1		L16C	1
BOX 1		L18A	1
BOX 2	五	L17	2
BOX 2		J193	8
BOX 4		Y11	4
BOX 2	0000	A51	4
		S03A M6X10	8
		M24	8
		M6	
		Z02A	32
	P June	Ø4X16D	32
		H158	1

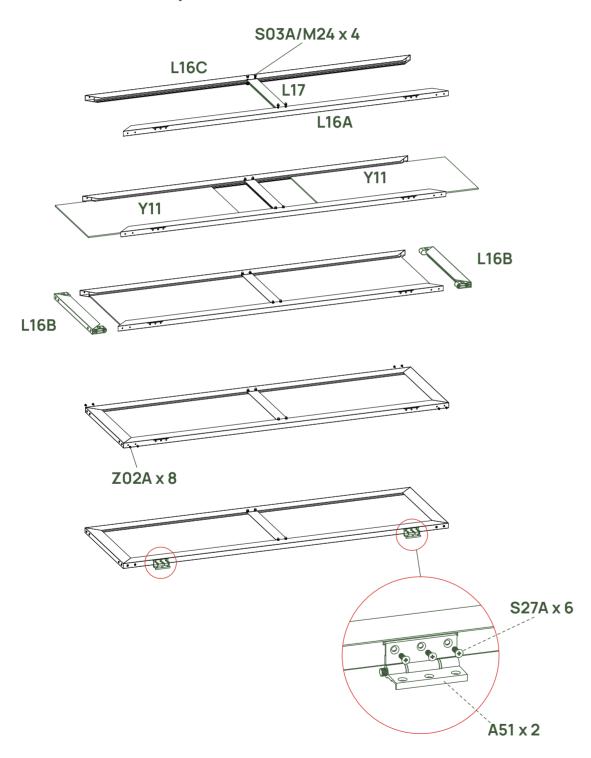




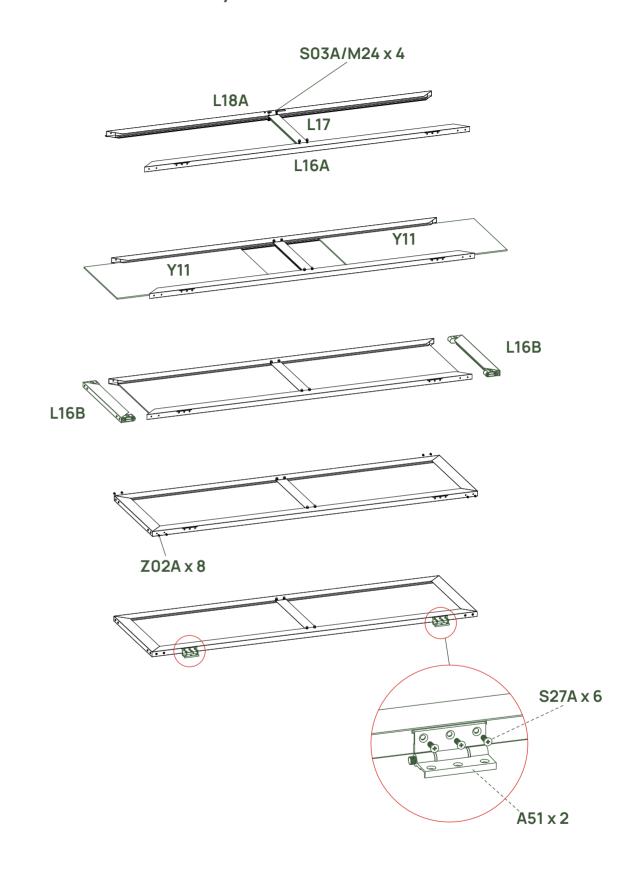


Assemble the door side frames attaching the L17 center frame to the corresponding door side frames, L16C/L16A for the left door and L18A/L16A for the right door.

#### Assembly instructions for DOOR-L



#### Assembly instructions for DOOR-R

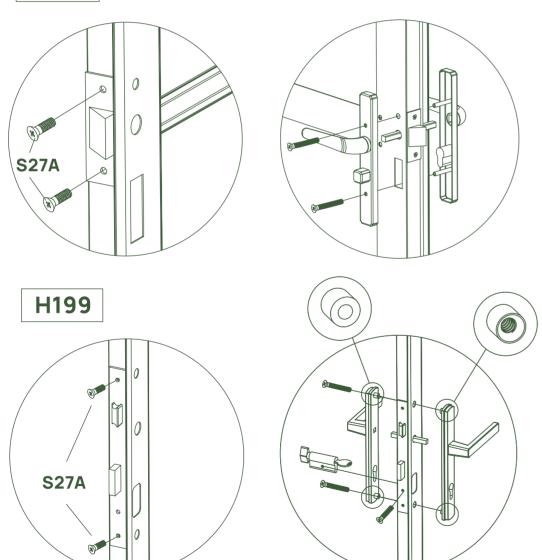


Secure the hinges to the door with S27 screws already installed in L16A pieces.

## Door & Lock Installation

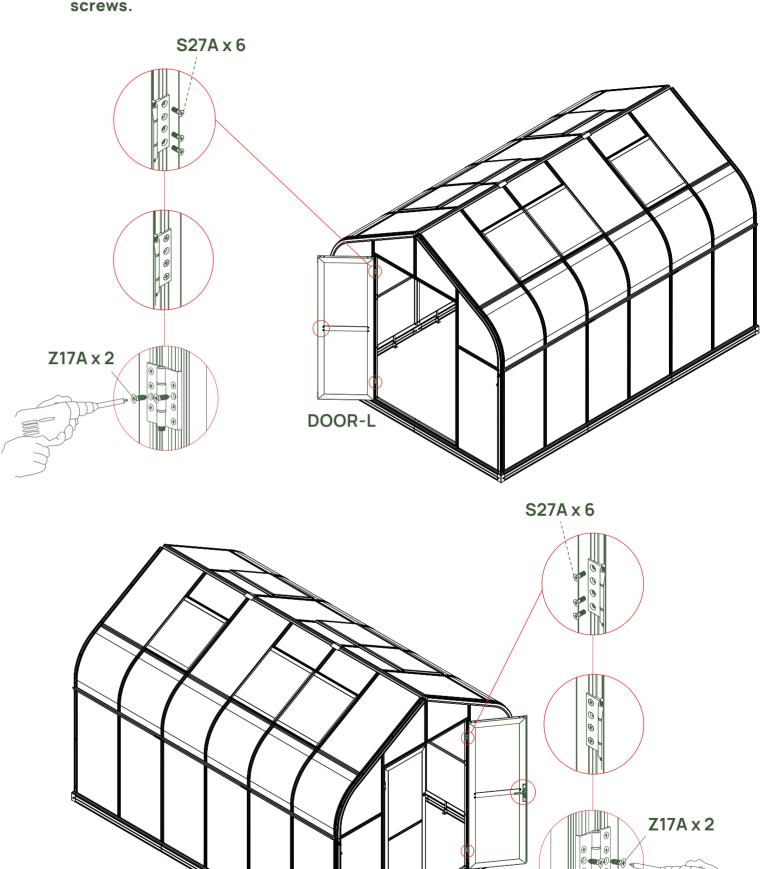
BOX	PART	NO	QTY
		DOOR-L	1
		DOOR-R	1
BOX 2		H154 H199	1
	# [ <b>"</b>	Z17 A	-
	<b>(4)</b>	M4.8X16	8
	( <del>1</del> )	S27 A	1/
		M5X12	14

H154



Note: The door lock (H154/H199) comes pre-assembled inside its packaging. Disassemble the door lock before installing it in the greenhouse door, making sure the keyhole is facing outward.

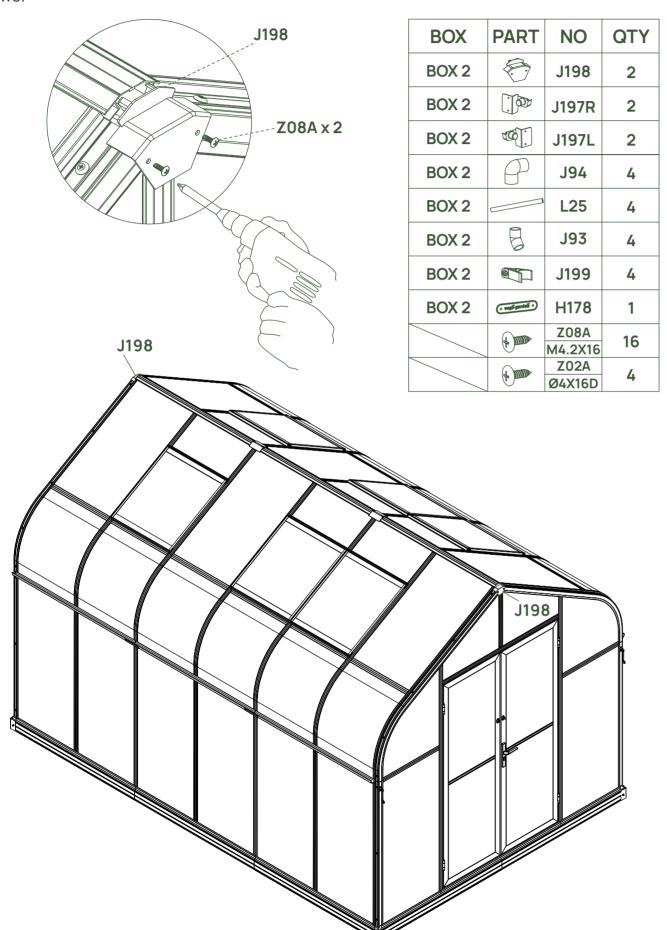
Note: Remove the S27 bolts from the door. Hold the door and affix the hinges to the door frame and secure with S27A bolts. Finally reinforce the structure with Z17 screws.



DOOR-R

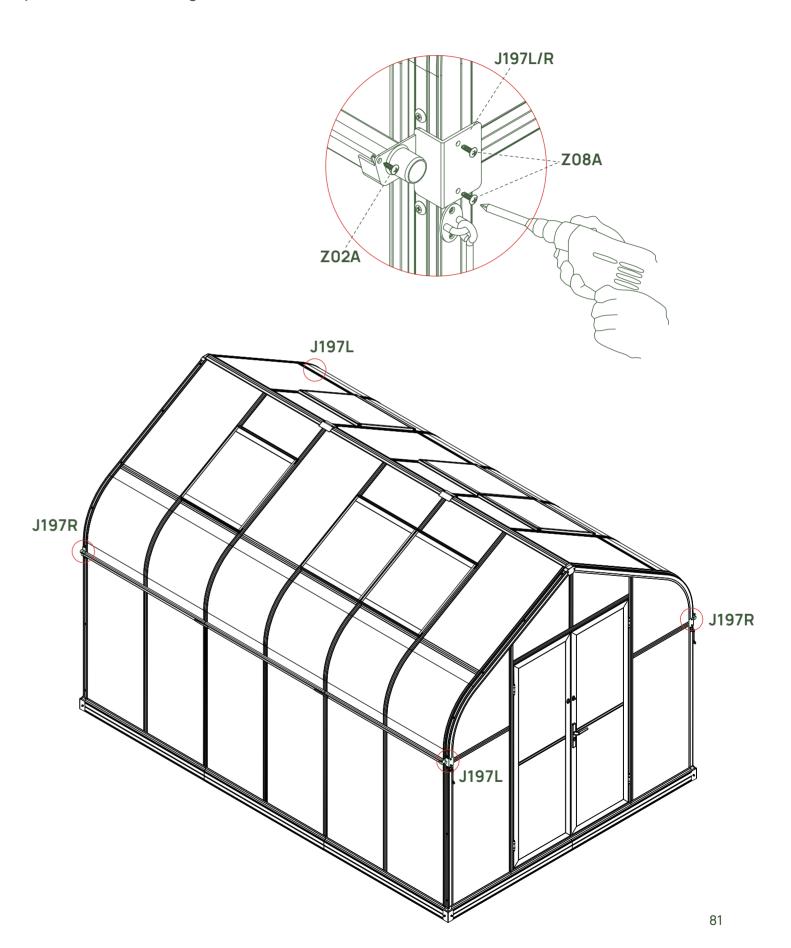
## Install Ridge End Caps

Attach ridge end caps to the front and back top corners of the greenhouse using Z08A screws.



## Trainage Pipe Assembly

Using Z08A screws, attach drainage pipe connectors to all four corners, noting placement in the image below.

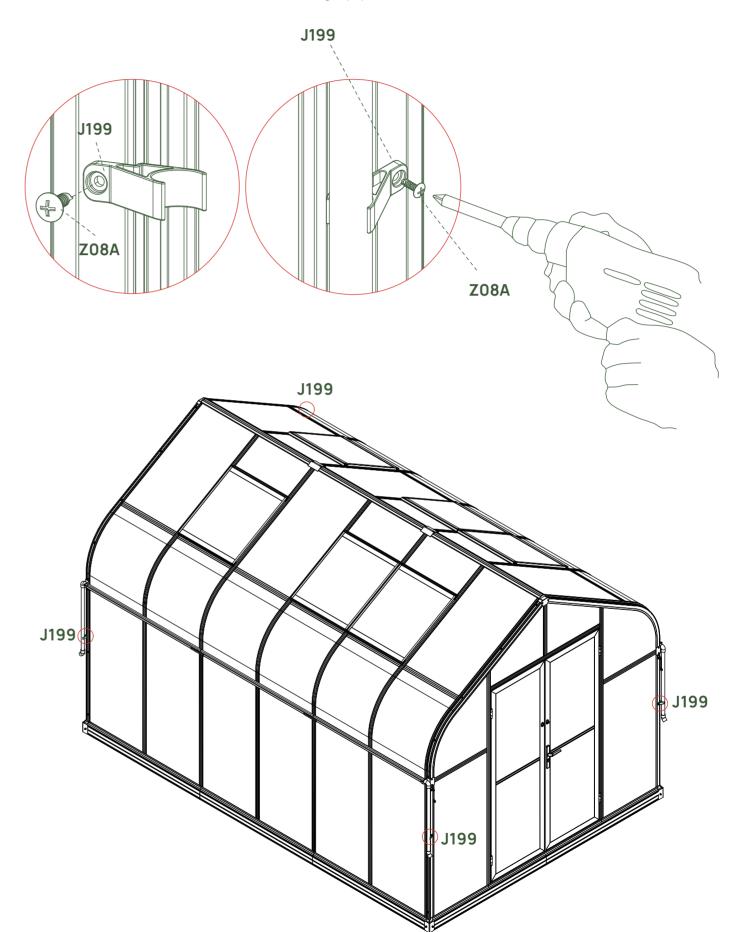


Push J94, L25 and J93 together as shown in diagram, and connect to each drainage pipe connector.

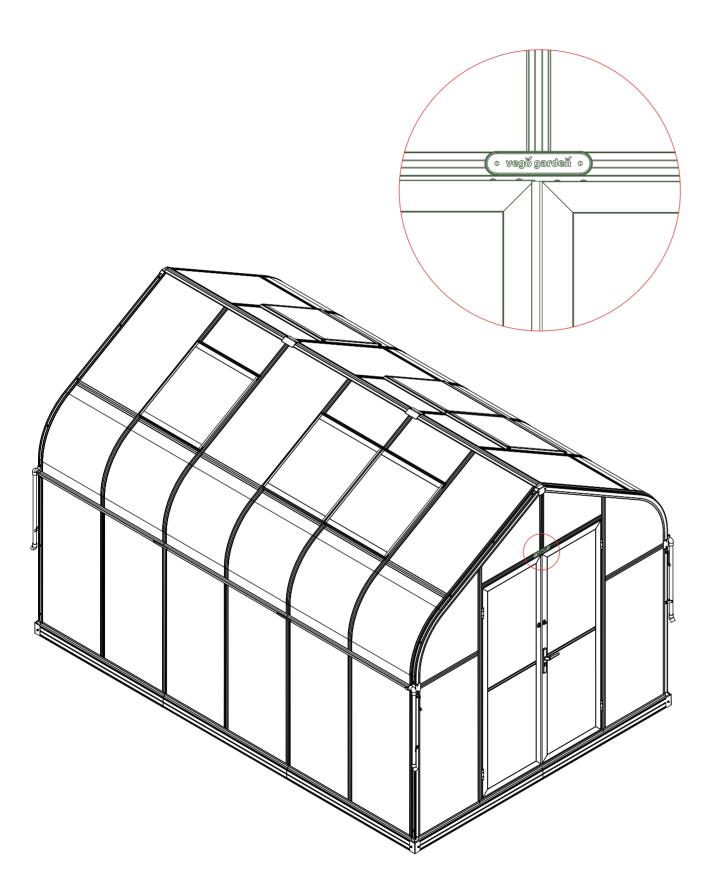
# J93 L25 OTO J94

# Of Drainage Pipe Bracket Assembly

Use Z08A screws to attach one drainage pipe bracket to each corner as shown.

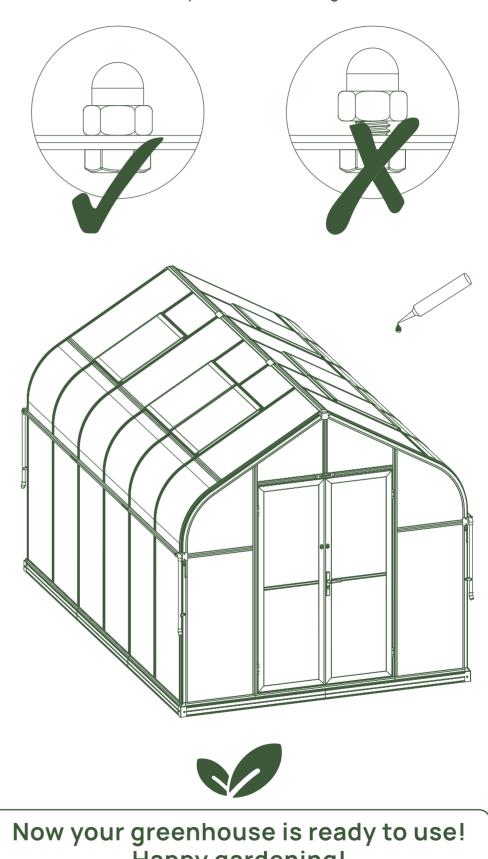


Remove the protective film on the Vego Garden branding plate.





Make a final pass through your greenhouse, and ensure all nuts are tightened. Apply silicone caulk around all the PC panels for water tightness.



Now your greenhouse is ready to use! Happy gardening!