



GAZEBO penguin inc.

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MONTREAL, QUEBEC
H4T 1K2
TEL: 1-514-276-3485, 1-800-737-7174
Email: customerservice@gazebopenguin.com

W1608-12

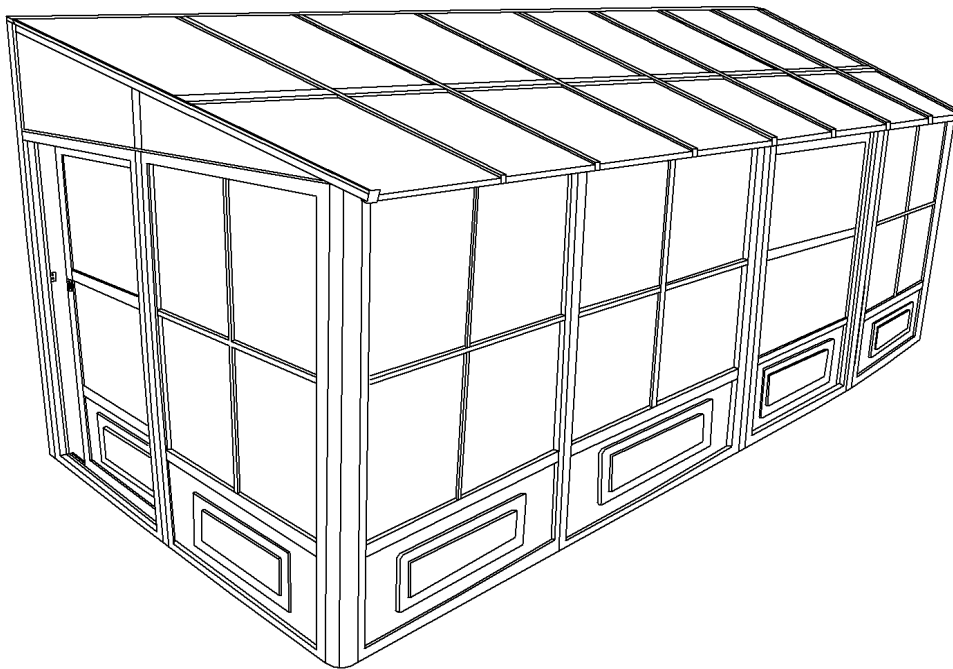
SAND

8 X 16 SOLARIUM

ASSEMBLY INSTRUCTIONS

PLEASE READ
IN ITS ENTIRETY
BEFORE
INSTALLATION

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**DO NOT DESTROY THE BOXES UNTIL COMPLETELY ASSEMBLED
FOR FUTURE REFERENCE,
TAKE PICTURES OF ALL SIX SIDES OF EACH OF THE BOXES UPON RECEIPT.
PLEASE VERIFY THE CONTENT OF EACH BOX AGAINST THE LIST OF PARTS**

ASSEMBLY BY TWO OR THREE ADULTS IS SUGGESTED

Requires 96" clearance at the wall
Base Dimensions 190" x 94 1/2"
Largest Dimensions 190" x 98 1/2"
(See Last Pg.)

{ APPROX. }

**DO NOT DESTROY THE BOXES UNTIL COMPLETELY ASSEMBLED
FOR FUTURE REFERENCE,
TAKE PICTURES OF ALL SIX SIDES OF EACH OF THE BOXES UPON RECEIPT.
PLEASE VERIFY THE CONTENT OF EACH BOX AGAINST THE LIST OF PARTS**

**8ft x 16ft / 2.43m x 4.87m Solarium
Instruction Manual**

Consult with your local governing authority / local municipal codes regarding installation of temporary structures before purchase or assembly. Some jurisdictions may require permits for, or otherwise regulate, installation and use.

IMPORTANT: RETAIN FOR FUTURE REFERENCE, READ CAREFULLY

For assistance with assembly, installation, parts, or customer service, contact Gazebo Penguin Customer Service Department at the numbers listed below (English & French, Mon-Fri 8:00 AM to 4:00 PM EST):

Montreal: (514) 276-3485

Elsewhere in Canada and the US: 1-800-737-7174

WARNING:

- For outdoor use.
- Snow should be regularly cleared from the roof and not allowed to accumulate.
- Retain your **proof of purchase** for warranty purposes. Also keep the **original boxes** until the installation is complete and correct.
- The unit may take more than 4 hours and 3 people are required for this assembly.



PRIOR TO ASSEMBLY:

- Please don't destroy boxes until completely assembled.
- The foundation must be level, flat, and solid, such as concrete or asphalt.
- Keep away from overhead utility lines, tree branches, and other structures.
- Check for underground pipes or wires if digging or drilling is required.
- Do not install near roof lines or other structures that could shed snow, ice, or excessive rain run-off onto the roof top.
- Assemble the structure as close to its final location as possible.
- It is recommended to wear safety gloves, safety glasses, and hard hats for installation.
- Do not hang from, climb on, or stand on the structure or roof.
- Before assembly, read instructions and check that all parts are present in the boxes. If any parts are missing, refer to warranty information.
- A 6ft (1.8m) stepladder, Phillips screwdriver, tape measure, level, mallet, and a tarp to place parts on will be required for assembly (not included).
- Remove top protective film from roof panels prior to assembly; DO NOT remove bottom protective film until ready to insert roof panels, so as to identify which side is on top.

ANCHORING INSTRUCTIONS:

- Proper anchoring of the frame to the base and the wall is required for safety.
- Any structure not anchored securely has the potential to fly away during high wind causing damage and safety hazard.
- How the item is anchored, and the hardware and tools required, will vary based upon the set up location and are not provided.
- Please check with your local hardware store if for the appropriate anchors for your surface.
- Do not anchor to pavers / pavement slabs because they are not a solid foundation.
- Periodically check the anchors to ensure they remain secure

CARE AND MAINTENANCE:

- In case of a defective or damaged part, or for any other questions concerning the product, please contact the manufacturer directly.
- Please have the parts list and part numbers on hand when ordering or requesting replacement parts.

ROOF PANELS:

- Gently clean with an environmentally-friendly soap solution and water using a sponge or washcloth.
- Do not use abrasive materials, wire brushes, chemicals, harsh cleaners, or bleach.
- Rinse using a garden hose and air dry. If removed, ensure thoroughly dry prior to storage.
- Do not use pressure washer.

STRUCTURE:

- Gently clean with an environmentally-friendly soap solution and water using a sponge or washcloth.
- Do not use abrasive materials, wire brushes, chemicals, harsh cleaners, or bleach.
- Rinse using a garden hose and air dry.
- Do not use pressure washer.
- If there are nicks, chips, and/or scratches see the part # of the paint in the parts list to obtain a matching touch-up paint.

MAINTENANCE NOTES

1. In case of a defective or damaged part, or for any other questions concerning the product, please contact the manufacturer directly.
2. Please have the parts list and part numbers on hand when ordering or requesting replacement parts.
3. The product should not be installed adjacent to trees or a sloped roof. Snow and ice may slide onto the roof and cause it to collapse.
4. While the product is designed to stay assembled year long, the roof must be kept free of accumulation of snow.



ONE YEAR LIMITED WARRANTY

This product has been designed and manufactured to meet the highest standards of quality and durability. Subject to the Conditions for Exercising the Warranty and the Limitations on the Warranty set forth below, it is warranted to be free of material and manufacturing defects for a period of **one year** from the date of purchase. Missing and damage due to transportation is not covered by the manufacture warranty. Should the product become damaged, or the warranty period has expired, please contact Gazebo Penguin Customer Service Department for a complete schedule of replacement parts and prices.

CONDITIONS FOR EXERCISING THE WARRANTY

The warranty only applies to the original purchaser with the bill.

In order to properly exercise your warranty, please comply with the following:

Carefully inspect the contents of the carton for missing or damaged components. Should you discover damaged or missing parts, **do not return the product to the place of purchase**, but contact Gazebo Penguin Customer Service Department at the numbers listed below:

Montreal: (514) 276-3485

Elsewhere: 1-800-737-7174

You can also find a claim form to fill out online:

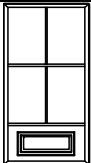
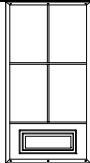
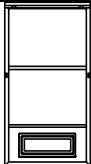
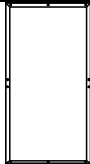

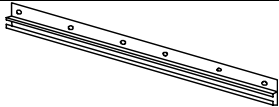
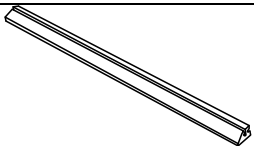
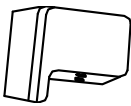






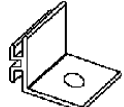

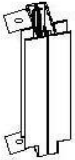
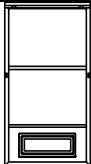
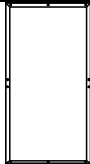

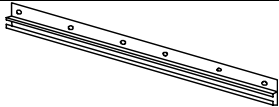
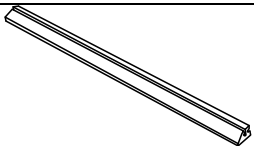
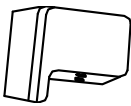






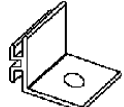

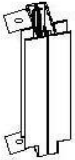


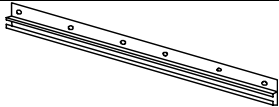
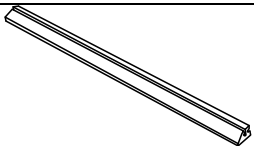
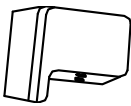






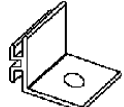

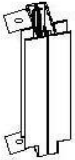

<http://www.abrispenguin.com/forms.html>






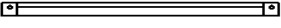
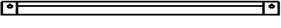

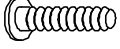
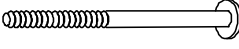
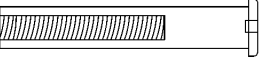
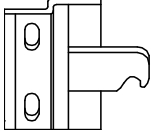
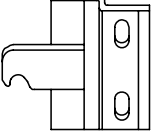

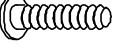


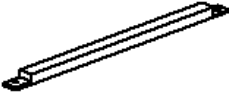
NOTE: Damages/missing parts must be reported within 30 days of delivery. If claimed after your request might be rejected.

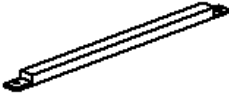
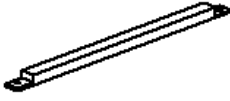
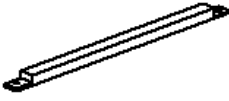

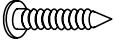

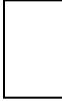

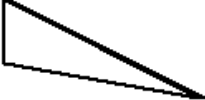

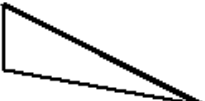
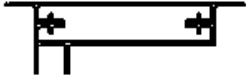
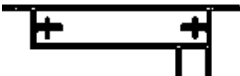
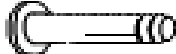


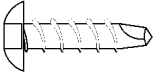
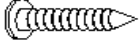
LIMITATIONS ON THE WARRANTY

1. The product is not warranted against damages due to vandalism, abuse, falling or thrown objects, or accumulation of snow.
2. The product is not warranted against damages due to extreme weather conditions, such as thunderstorms, hail, strong wind or snow storms, or any other acts of God.
3. Leaking due to heavy rain may happen, please refer to the instruction manual for window positions and information on how to evacuate the water.
4. The product is only warranted in the event it is installed in accordance with the Gazebo Penguin's written instructions enclosed with the product.
5. The product is not warranted in the event it has been improperly anchored.
6. We reserve the right to replace or repair any defective product or parts at our discretion.
7. No change to the unit is allowed. This will void your warranty.



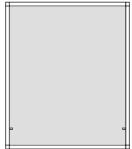

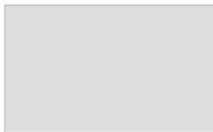
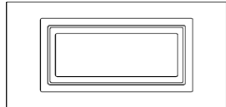





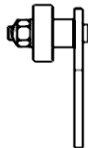

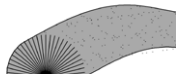


SOLARIUM W1608

DESCRIPTION	PACKED IN BOX	QTY	DRAWING	DESCRIPTION	PACKED IN BOX	QTY	DRAWING																																																																
10-496-12 REGULAR FRAME A-3	2	2		10-497-12 FRAME NEXT TO DOOR B-3 (with extra holes)	2	1																																																																	
	3	2			3	1		10-498-12 SLIDING DOOR C-3	2	1		10-499-12 SLIDING DOOR FRAME D-3	2	1		3	1	3	1	11-544-12 CONNECTING PIECE E-3	4	10		11-545-12 TOP DOOR RAIL F-3	4	2		11-546-12 BOTTOM DOOR RAIL G-3	4	2		08-138-12 PLASTIC STOPPER H-3	5	4		10-500-12 LEFT SIDE RECEIVER I-3	4	1		10-501-12 RIGHT SIDE RECEIVER J-3	4	1		10-502-12 CORNER CONNECTOR K-3	4	2		10-532-12 TRACK ML-3	4	1		10-533-12 TRACK MR-3	4	1		10-505-12 TRACK JOINT N-3	5	1		10-506-12 RAFTER BRACKET O-3	5	6		10-507-12 LEFT GABLE JOINT P-3	5	1		10-508-12 RIGHT GABLE JOINT Q-3	5	1	
10-498-12 SLIDING DOOR C-3	2	1		10-499-12 SLIDING DOOR FRAME D-3	2	1																																																																	
	3	1			3	1		11-544-12 CONNECTING PIECE E-3	4	10		11-545-12 TOP DOOR RAIL F-3	4	2		11-546-12 BOTTOM DOOR RAIL G-3	4	2		08-138-12 PLASTIC STOPPER H-3	5	4		10-500-12 LEFT SIDE RECEIVER I-3	4	1		10-501-12 RIGHT SIDE RECEIVER J-3	4	1		10-502-12 CORNER CONNECTOR K-3	4	2		10-532-12 TRACK ML-3	4	1		10-533-12 TRACK MR-3	4	1		10-505-12 TRACK JOINT N-3	5	1		10-506-12 RAFTER BRACKET O-3	5	6		10-507-12 LEFT GABLE JOINT P-3	5	1		10-508-12 RIGHT GABLE JOINT Q-3	5	1		10-509-12 ROOF RAFTER CAP R-3	5	9									
11-544-12 CONNECTING PIECE E-3	4	10		11-545-12 TOP DOOR RAIL F-3	4	2																																																																	
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10-506-12 RAFTER BRACKET O-3	5	6		10-507-12 LEFT GABLE JOINT P-3	5	1																																																																	
10-508-12 RIGHT GABLE JOINT Q-3	5	1		10-509-12 ROOF RAFTER CAP R-3	5	9																																																																	

DESCRIPTION	PACKED IN BOX	QTY	DRAWING	DESCRIPTION	PACKED IN BOX	QTY	DRAWING
10-510-12 LEFT SIDE RAFTER S-3	4	1		10-511-12 RIGHT SIDE RAFTER T-3	4	1	
10-512-12 REGULAR RAFTER U-3	4	7		10-513-12 MIDDLE ROOF JOINT V-3	5	2	
10-514-12 MIDDLE ROOF JOINT W-3	5	6		10-515-12 EDGING X-3	5	2	
10-516-12 EDGING Y-3	5	6		08-156-12 SCREW Z-3	5	14	 (M4*16mm)i
08-158-12 BOLT Bb-3	5	32	 (M6*16mm)	08-161-12 BOLT Cc-3	5	12	 (M6*70mm)
12-037-12 FEMALE BOLT Cc-3-2	5	12	 M6*60mm	08-165-12 RIGHT DOOR LATCH Dd-R-3	5	2	
08-169-12 LEFT DOOR LATCH Dd-L-3	5	2		08-167-12 SCREW Ee-3	5	12	 (M6*63.5mm)
08-168-12 BOLT Ff-3	5	20	 (M6*12mm)	08-187-12 WASHER Gg-3	5	28	
08-193 PLASTIC PLUG Ii-3	5	12		10-517-12 END ROOF CROSS BAR Jj-3	5	2	

DESCRIPTION	PACKED IN BOX	QTY	DRAWING	DESCRIPTION	PACKED IN BOX	QTY	DRAWING
10-518-12 REGULAR ROOF CROSSBAR Kk-3	5	6		10-519-12 ROOF TOP REINFORCE Ll-3	5	2	
10-520-12 ROOF TOP REINFORCE Mm-3	5	6		08-134-12 UPPER DOOR RAIL END CAP Nn	5	4	
08-135-12 SCREW Oo-3	5	8	 (M4*12mm)	10-521 (51 1/2" X 24 1/2") LEFT+RIGHT ROOF PANEL Pp-3	1	4	
10-522 (51 1/2" X 23") REGULAR ROOF PANEL Qq-3	1	12		10-523 LEFT BACK GABLE PANEL Rr-3	1	1	
10-524 LEFT FRONT GABLE PANEL Ss-3	1	1		10-525 RIGHT BACK GABLE PANEL Tt-3	1	1	
10-526 RIGHT FRONT GABLE PANEL Uu-3	1	1		10-527-12 LEFT WALL GUIDE Vv-3	4	1	
10-528-12 RIGHT WALL GUIDE Ww-3	4	1		10-529-12 SCREW FOR FIXING TO WALL Xx-3	5	26	
10-530-12 REGULAR TOP FILLER Yy-3	5	6		10-531-12 END TOP FILLER Zz-3	5	2	
13-045-12 SELF-TAPPING SCREW PQ-3	5	4		12-047-12 BOLT Ww	5	12	 M5*15mm

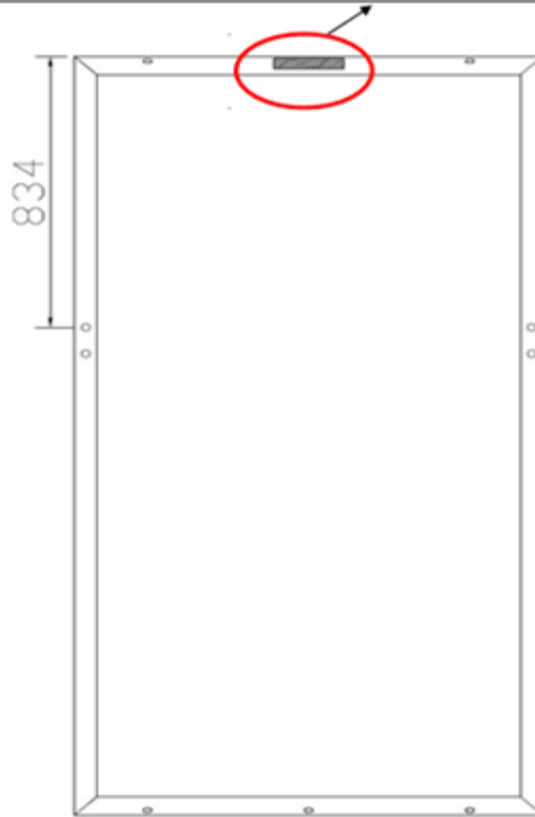
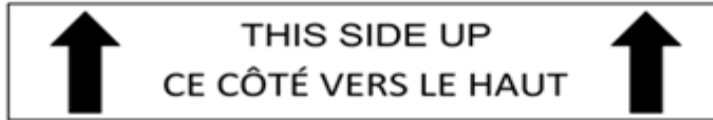
AVAILABLE REPLACEMENT PARTS

DESCRIPTION	DRAWING	DESCRIPTION	DRAWING
10-435-12 PVC WINDOW (in frame)		85-014 REPLACEMENT SCREENING (no frame)	
12-176-12 PVC WINDOW for HALF FRAME A-3 1/2		85-417-S ROUND SPLINE FOR SCREENING	
10-493 PVC WINDOW (replacement material only)		11-824-12 BOTTOM PLASTIC PANEL (for wall panels)	
85-417-P ROUND SPLINE FOR PVC WINDOW		11-825-12 BOTTOM PLASTIC PANEL (for doors)	
15-123-12 PIN FOR PVC WINDOW		12-173-12 BOTTOM PLASTIC PANEL FOR HALF FRAME A-3 1/2	
13-055 PC WINDOW (for sliding door)		15-097-12 DOOR WHEEL ASSEMBLY	
12-174-12 MOSQUITO SCREEN (in frame)		10-458 REPLACEMENT WEATHERSTRIP 124"	
12-175-12 MOSQUITO SCREEN FOR HALF FRAME A-3 1/2		15-125-12 MOUNTING BRACKET FOR RAFTER (U-3)	

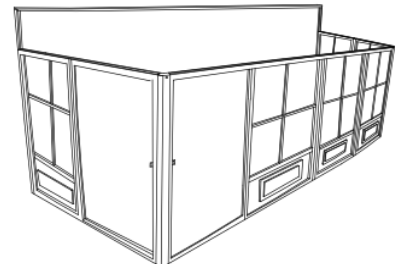
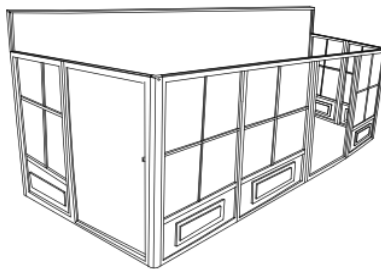
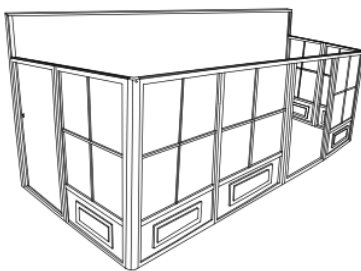
***NOT INCLUDED IN THE BOX**

DESCRIPTION	COLOUR	PART #
SPRAY PAINT	SAND	11-699
PAINT PEN		18-245

REMOVE STICKER AFTER ASSEMBLY

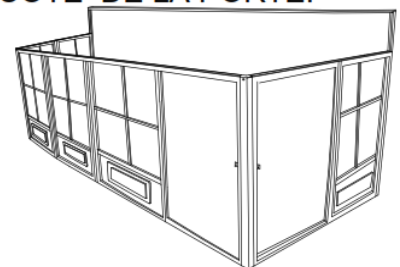
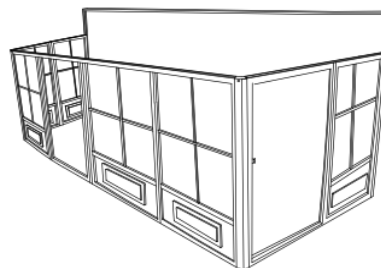
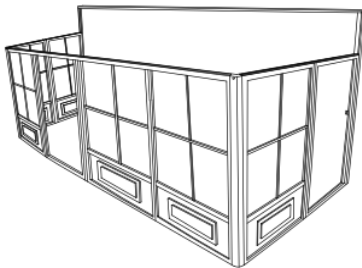


D-3 FRAME



SHOWN ARE FEW POSSIBILITIES
THE **SLIDING DOOR** CAN BE PLACED IN
ANY LOCATION AS LONG AS THE
FRAME NEXT TO DOOR IS BESIDE IT.

LA PORTE COULISSANTE PEUT ETRE
PLACÉE N'IMPORTE OÙ TANT QUE
CADRE ADJACENT À LA PORTE EXT
À CÔTÉ DE LA PORTE.

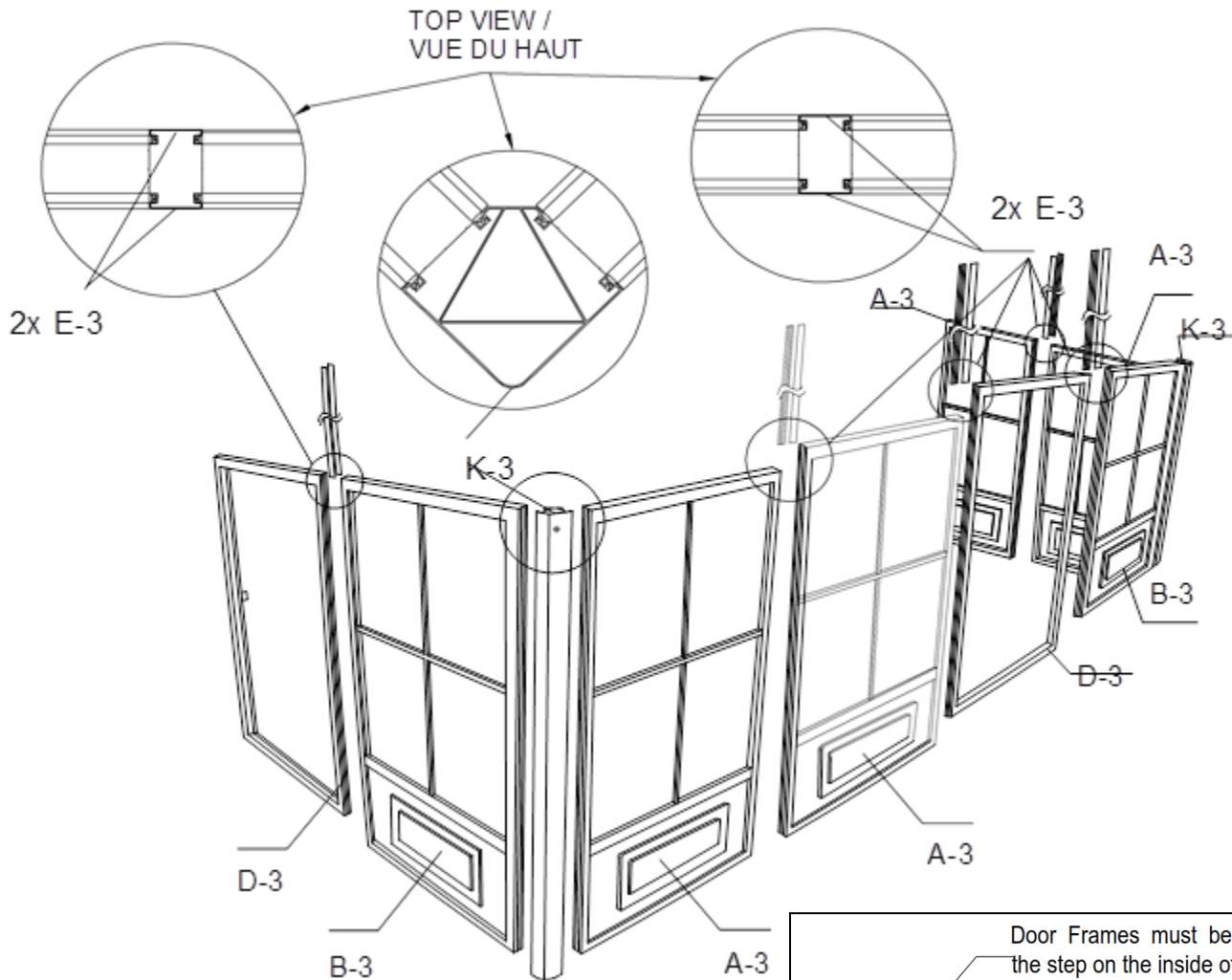


TOOLS REQUIRED: Screwdriver (Philips #2), Knife, File (smooth), Needle-nosed pliers, Rubber mallet, Step ladder (minmum 6' in height), Spatula, Power drill, Tube of silicon, Drill bit 5/16" cement, (according to surface)

BEFORE STARTING: Ensure that you have a solid base, such as concrete or wooden deck, not slanted more than 1" per 8'. Avoid installing unit adjacent to trees or a sloped roof, as snow and ice may slide onto the solarium and cause it to collapse. Please don't destroy boxes until completely assembled.

STEP #1

the position of the door frames before assembly according to where you intend to slide the door. At the front of the solarium, use frame D3 for the opening of the door and B3 for the direction of the door when open. Use E3 between frame ends and use two K3 joints for corners. See previous Pg.

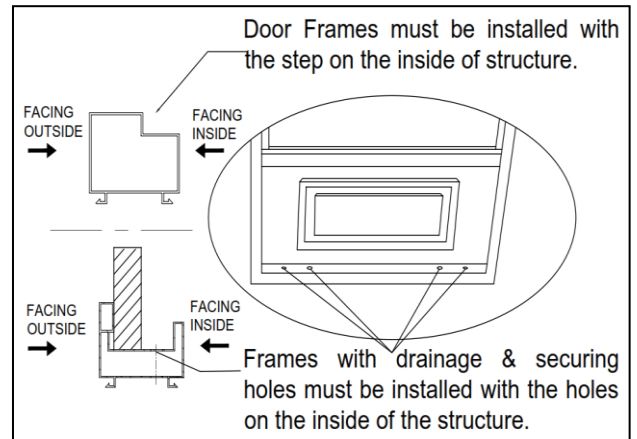


NOTE:

When placing the door frame opening, make sure the inserts on the frame are on the inside and on the upper half of the frame of the solarium because the door will be set on the inside due to clearance.

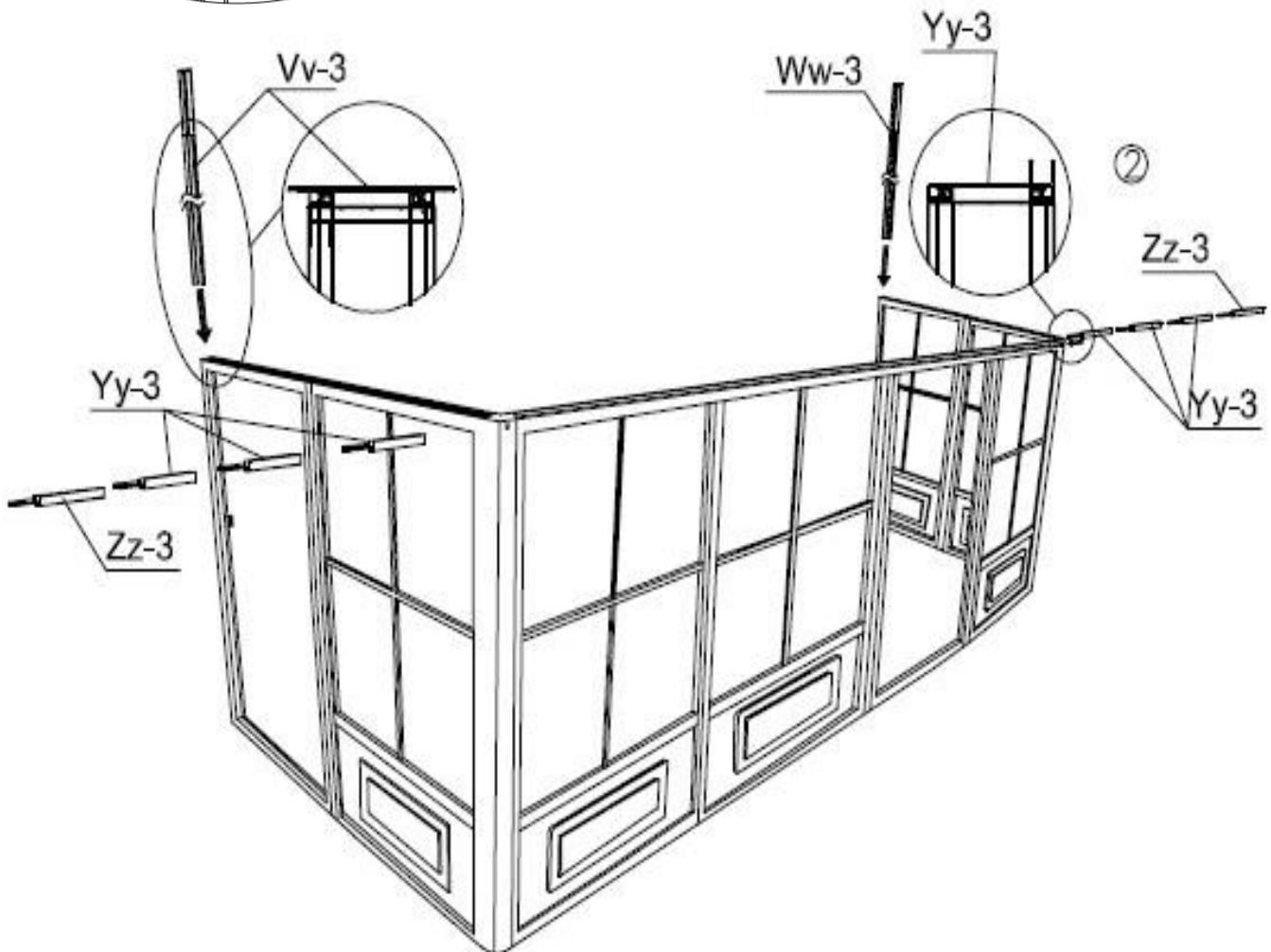
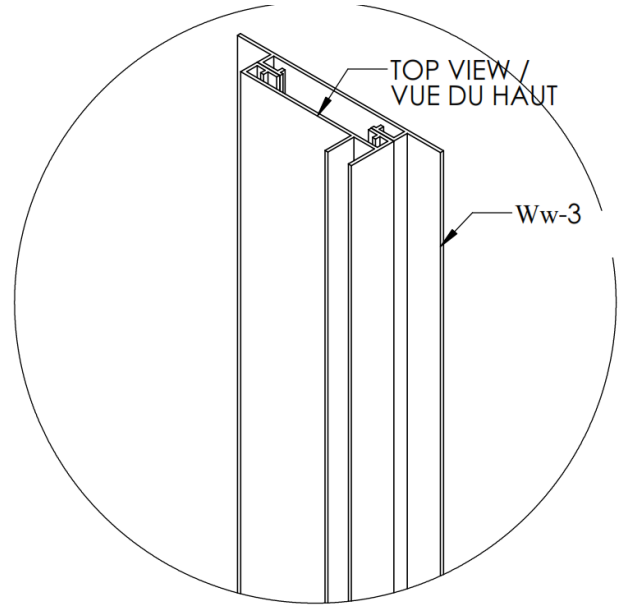
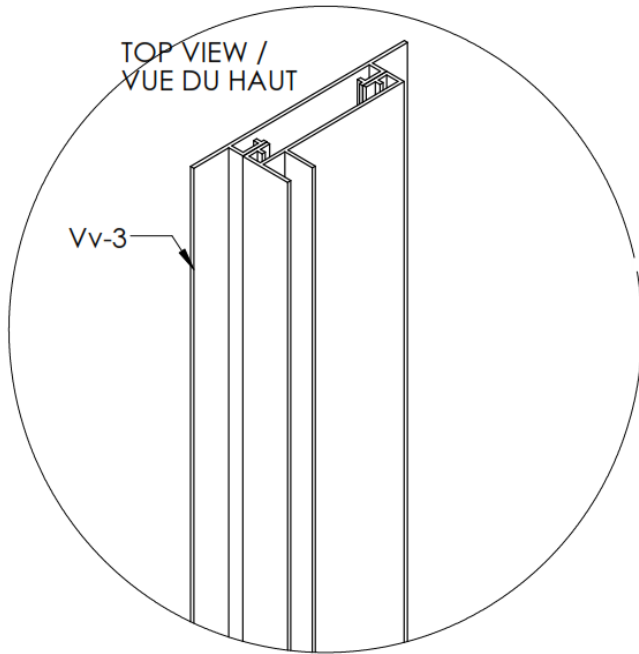
NOTE:

When sliding the connectors, shake the frame so that they will slide easily. Do not use tools to force. If needed, clean paint with a file and make sure the ends of the frame and joints are not bent or warped. If so, use the needle-nosed pliers to straighten.



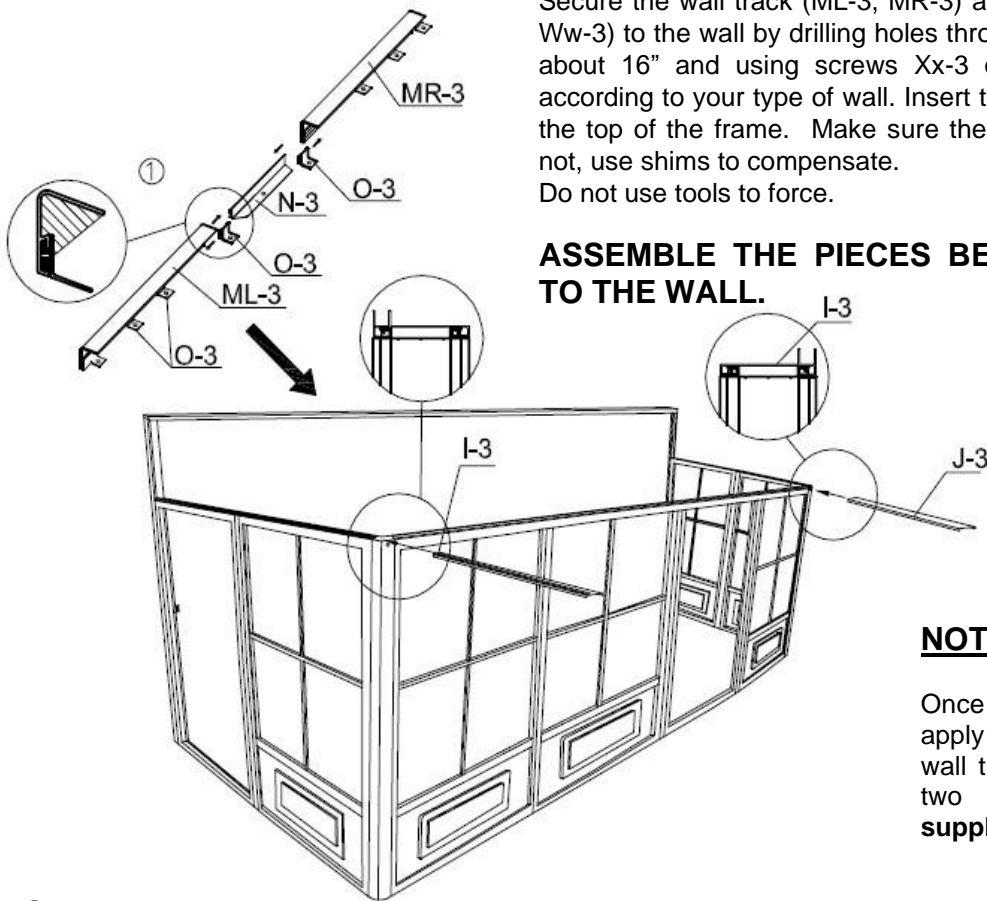
STEP #2

Slide the vertical guides Vv-3 left and Ww-3 right into the 2 ends of the frames along the grooves, shaking while sliding for easier movement. Next, slide three (3) Yy-3 and one (1) Zz-3 from left side to right on top of the frame. The groove should be towards the interior of the unit. Repeat from right side and space evenly.



STEP #3

Slide brackets O-3 into ML-3 and MR-3 in equal quantity. Then join ML-3 and MR-3 using N-3. Once assembled lift the assembled wall track and position it above the vertical wall guides Vv-3 and Ww-3 (approximate 96" from the ground). Secure the wall track (ML-3, MR-3) and vertical wall guides (Vv-3 and Ww-3) to the wall by drilling holes through the aluminum, at intervals of about 16" and using screws Xx-3 or by using appropriate screws according to your type of wall. Insert the 2 horizontal guides, I3 & J3 at the top of the frame. Make sure the frames are at the same level, if not, use shims to compensate. Do not use tools to force.



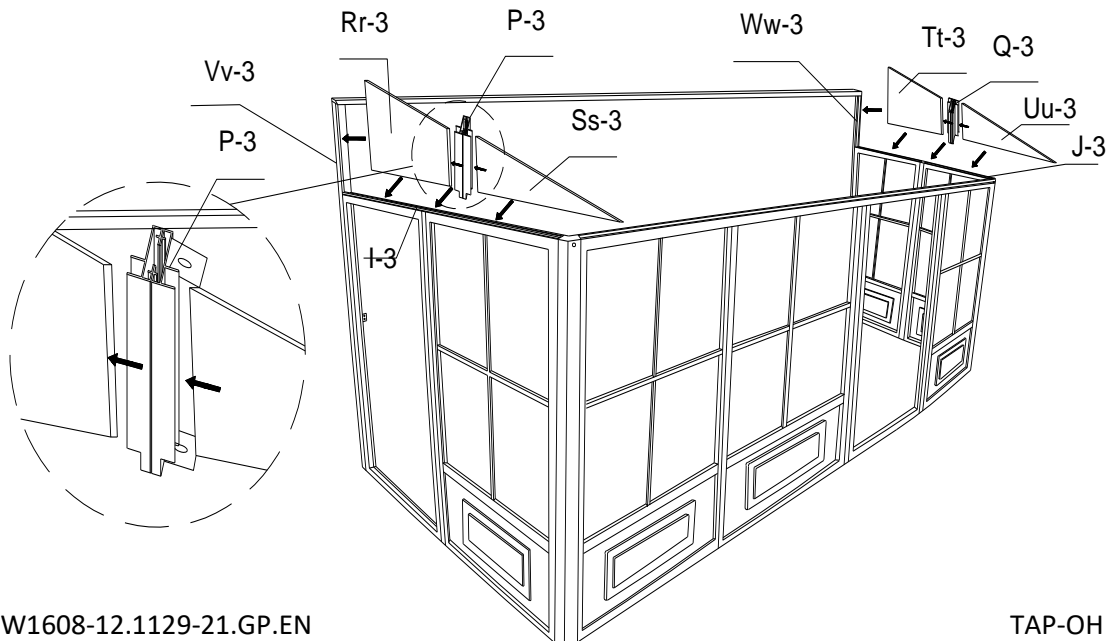
ASSEMBLE THE PIECES BEFORE SCREWING THEM TO THE WALL.

NOTE:

Once the wall track is in place, apply silicon along the top of the wall track and at the joint of the two tracks. **Silicone is not supplied.**

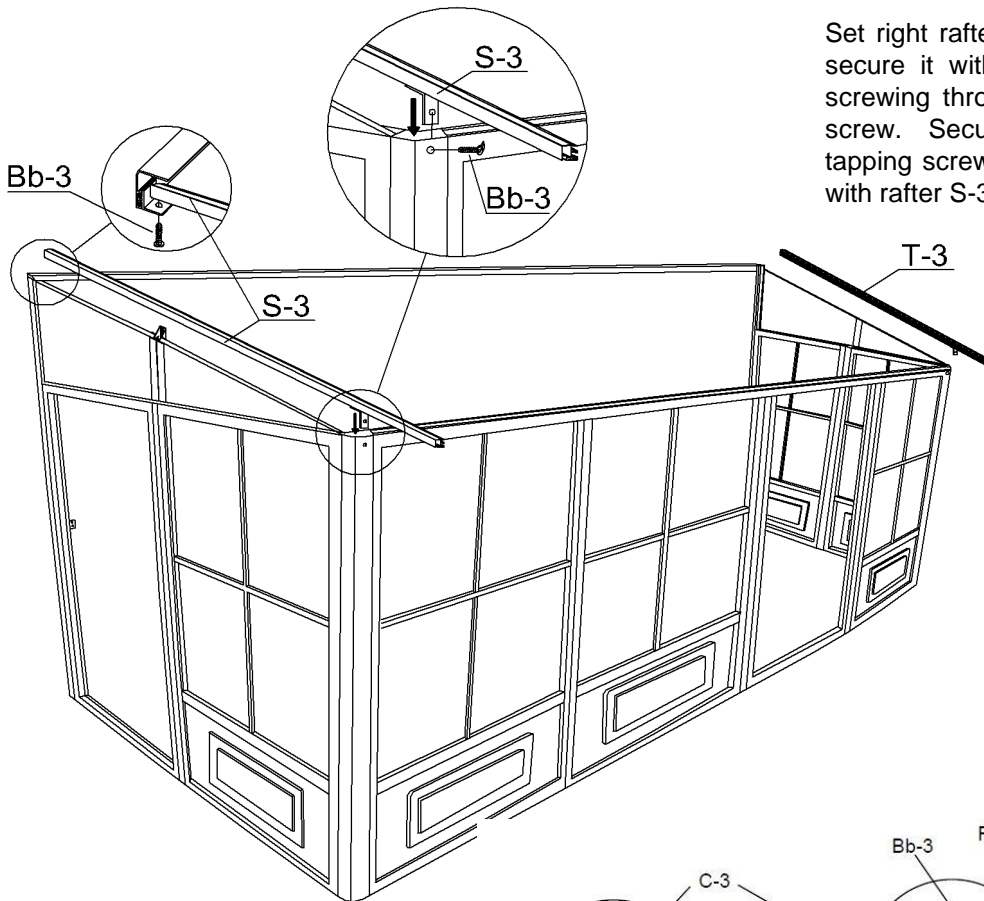
STEP #4

Set polycarbonate exposed side on the outside over horizontal left guide I-3, use one (1) Rr-3 panel, one (1) P-3 joint and one (1) Ss-3 panel, then do the right side with one (1) Tt-3 panel, one (1) Q-3 joint and one (1) Uu-3 panel over the J-3 horizontal panel. Secure P-3 and Q-3 to I-3 and J-3 respectively with self-tapping screws (PQ-3).



STEP #5

Set right rafter T-3 over last bracket then secure it with Bb-3 screw and continue screwing through joint K-3 with the Bb-3 screw. Secure to Q-3 bracket with self-tapping screw (PQ-3). Repeat on left side with rafter S-3.

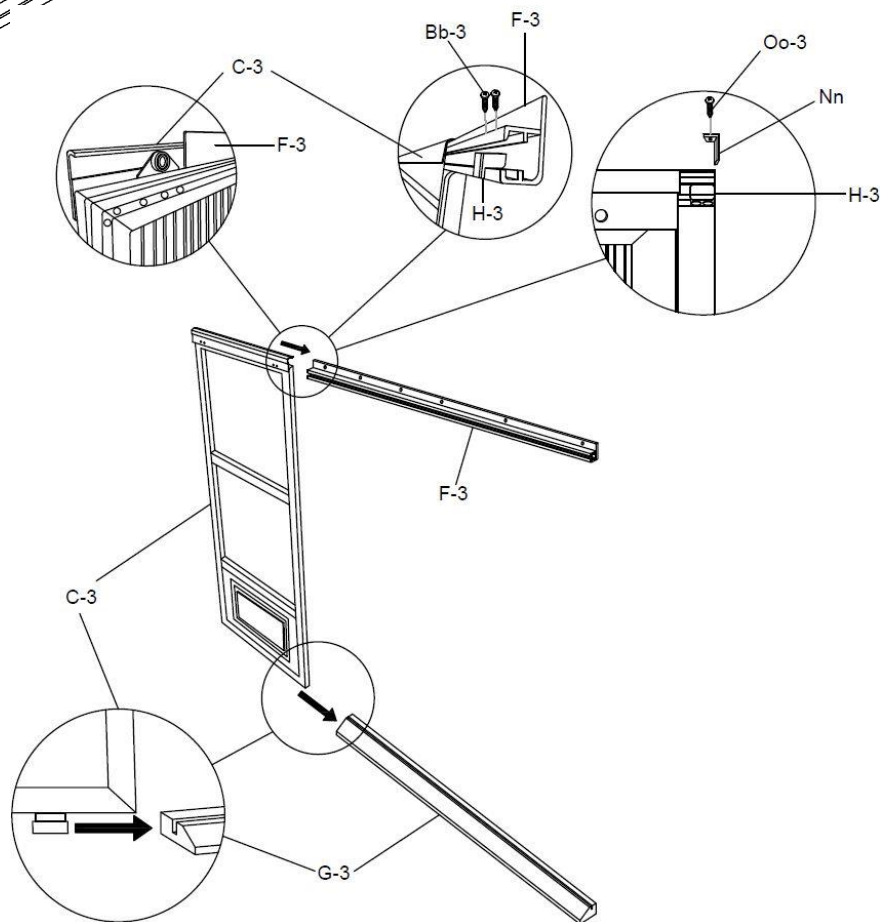


STEP #6

DOOR UNIT(S) MUST BE ASSEMBLED INSIDE OF SOLARIUM.

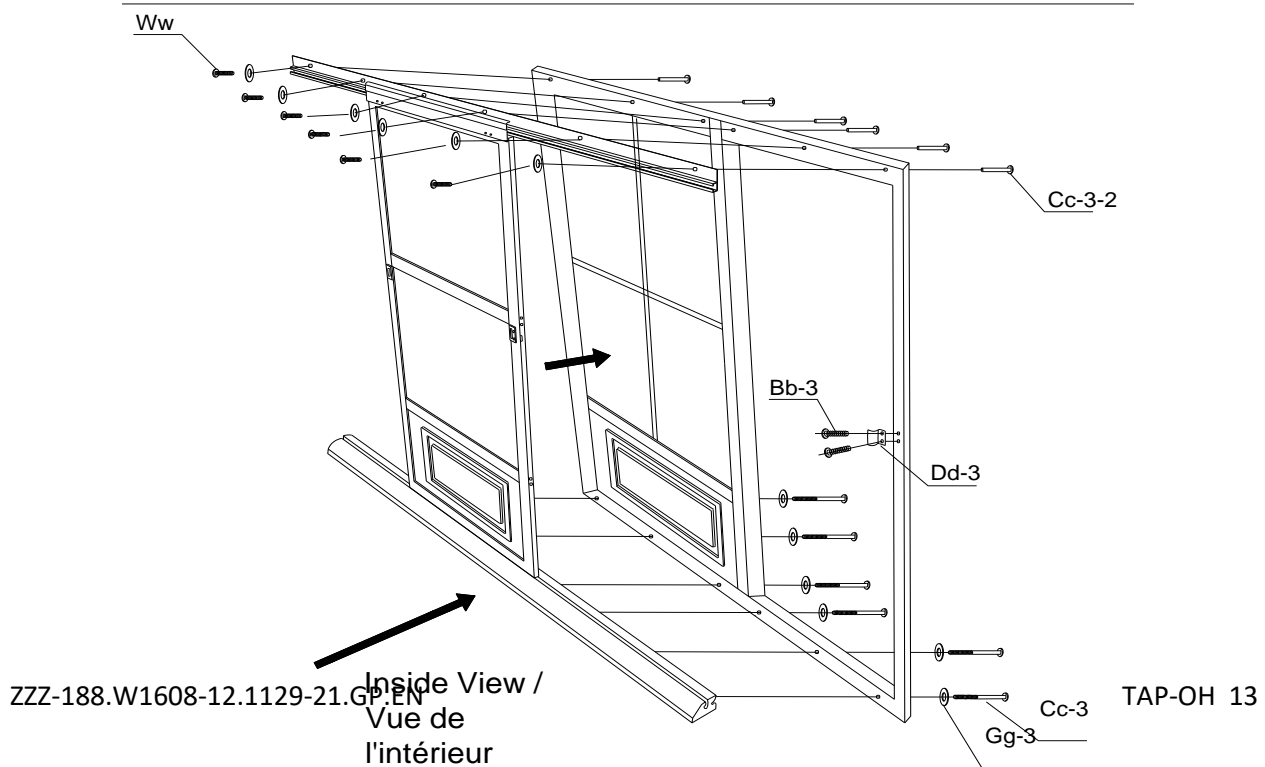
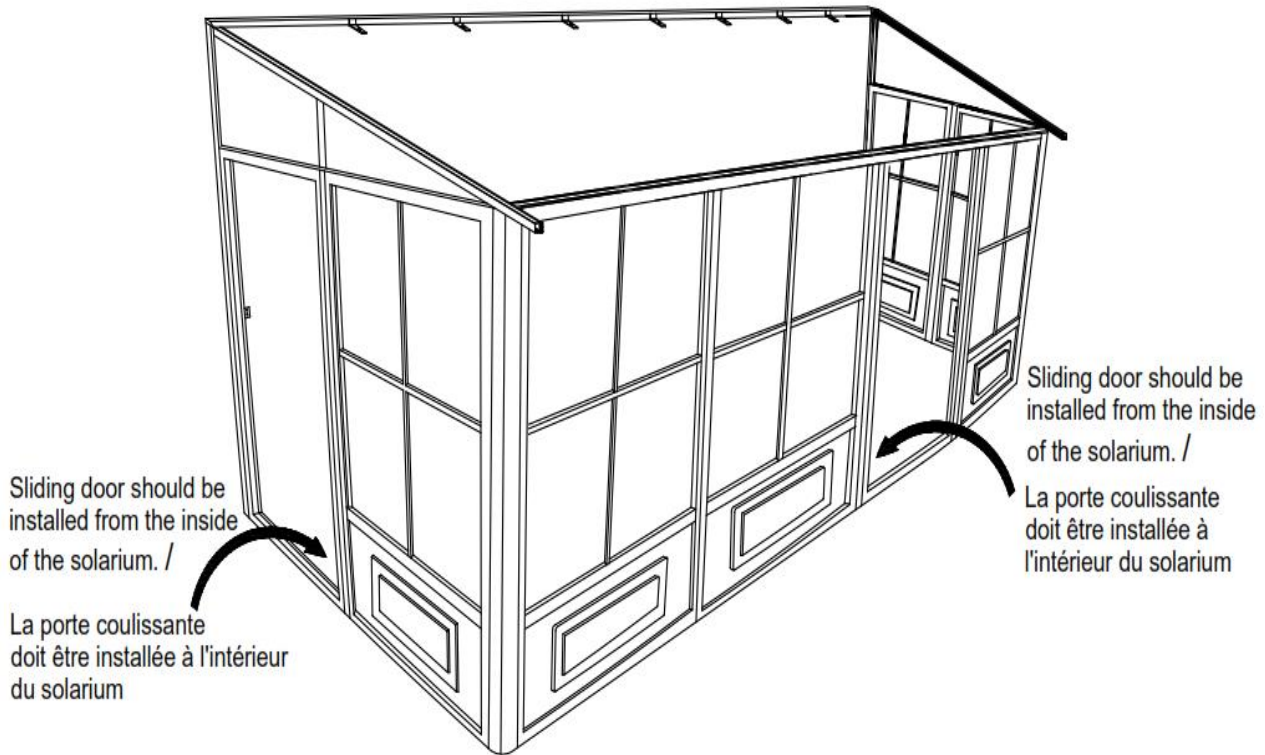
Slide upper door track F-3 into wheels of sliding door C-3. Slide lower door track G-3 and make sure inserts are close enough to the frame to attach. Use bolt Bb-3 to affix the plastic stopper H-3 on each end of top door rail F-3. Use Oo-3 screws to affix upper door rail and cap Nn-3, at each end of top rail door.

Note: Make sure wheel bearing rolls easily in the track, if not check if the wheels are tightly bolted



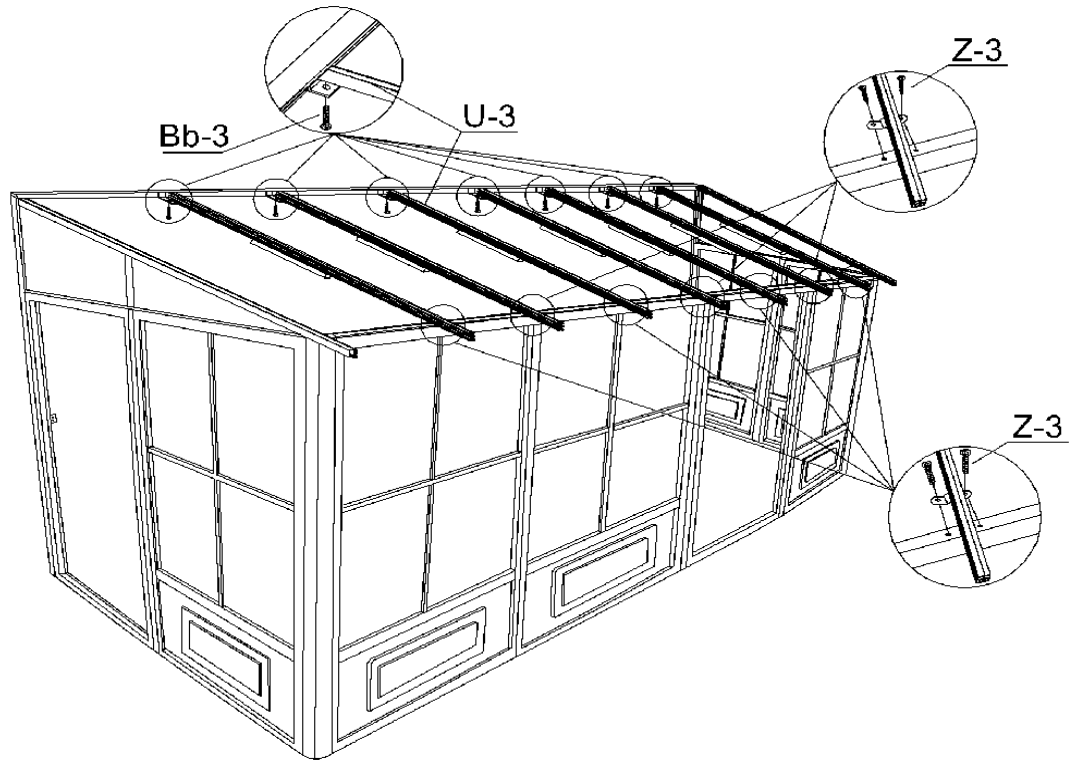
STEP #7

Lift up door and track inside of solarium then set it over the door opening by screwing at the top. First use bolts (Ww) and washers (Gg-3) on the inside and female bolts (Cc-3-2) on the outside for the top assembly. See diagram below. Attach lower track with bolts (Cc-3) and washers (Gg-3). Set up door latch on the side required for your door to lock, adjust latch as required.



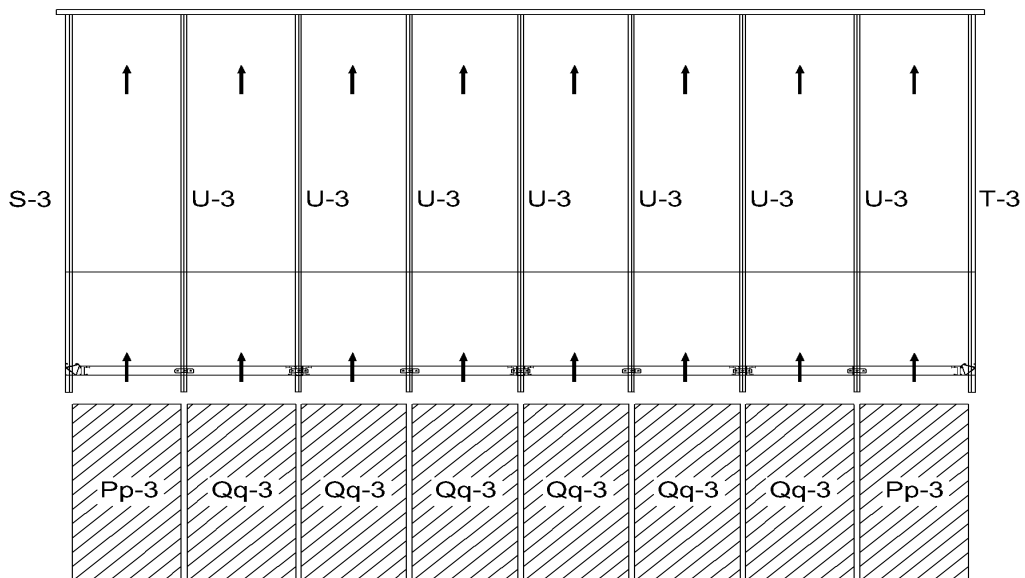
STEP #8

Set U-3 rafters over the middle of each panel with Bb-3 screws at the top and two (2) Z-3 screws over the brackets on frame manually. Set U-3 rafter on each joint and use Z-3 screws manually. Do not use power drill.



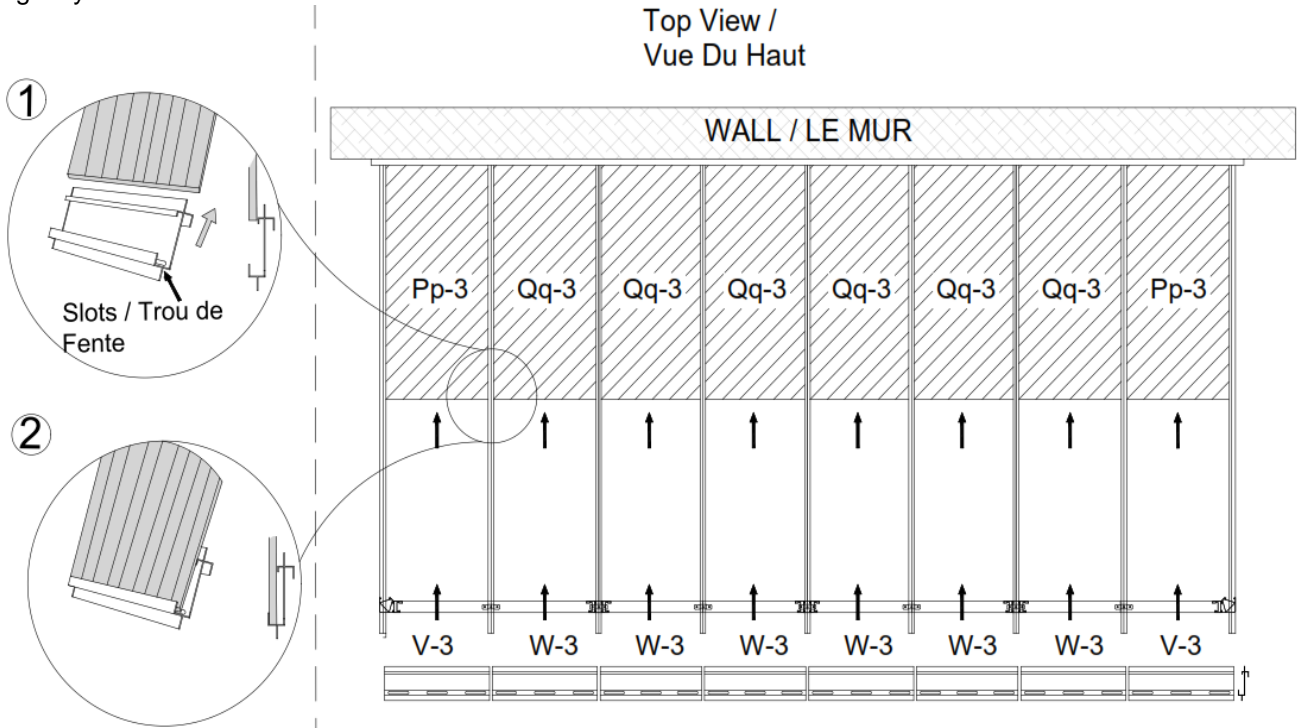
STEP #9

Remove protective film from two (2) sides of each panel and make sure the top side of the panel faces the sunlight. Insert and slide on the top groove of the rafters all the way to the end. Pp-3 should go first and last with the Qq-3 panels in between.



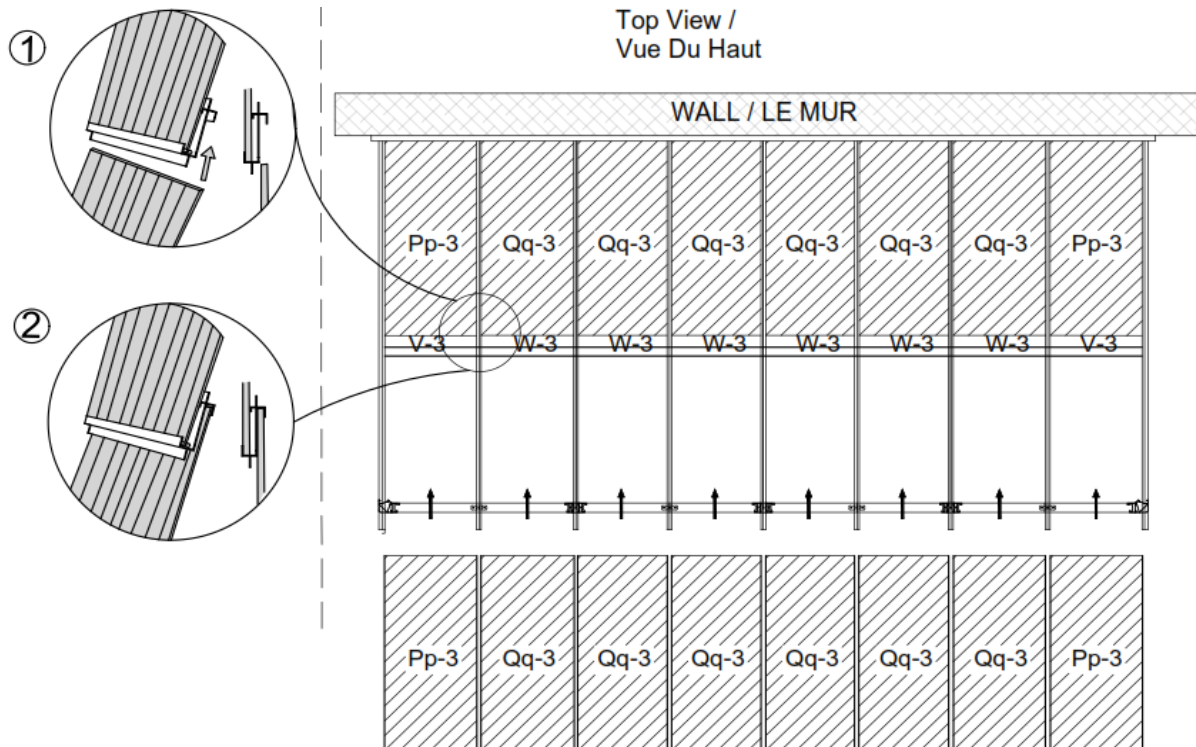
STEP #10

Insert the aluminum middle roof joint between the rafters, making sure the slotted holes are at the bottom. Slide into upper and lower grooves of the rafters then slide all the way into the panels. Make sure the panels are inside the aluminum middle roof joint groove. Insert a V-3 at either end, then insert all W-3 and then the remaining V-3. Tap gently with rubber mallet if needed.



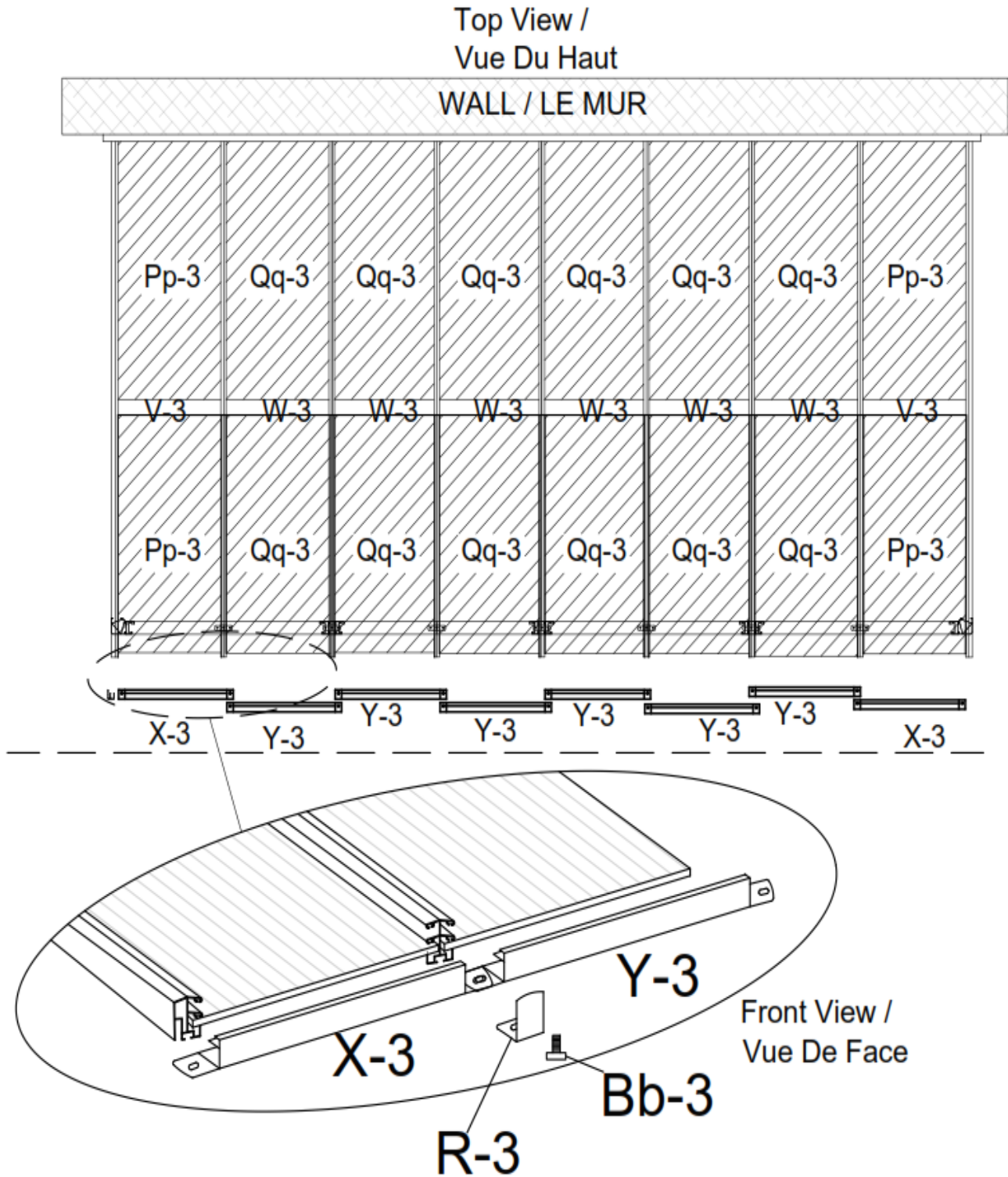
STEP #11

Insert the second row of panels into the lower groove on the rafter. Slide panels until they reach the aluminum pieces between the panels and gently tap on the panel to guide it into the aluminum groove. Use a spatula if needed to make it fit. Insert two (2) Pp-3 on either end, then insert the Qq-3 panels.



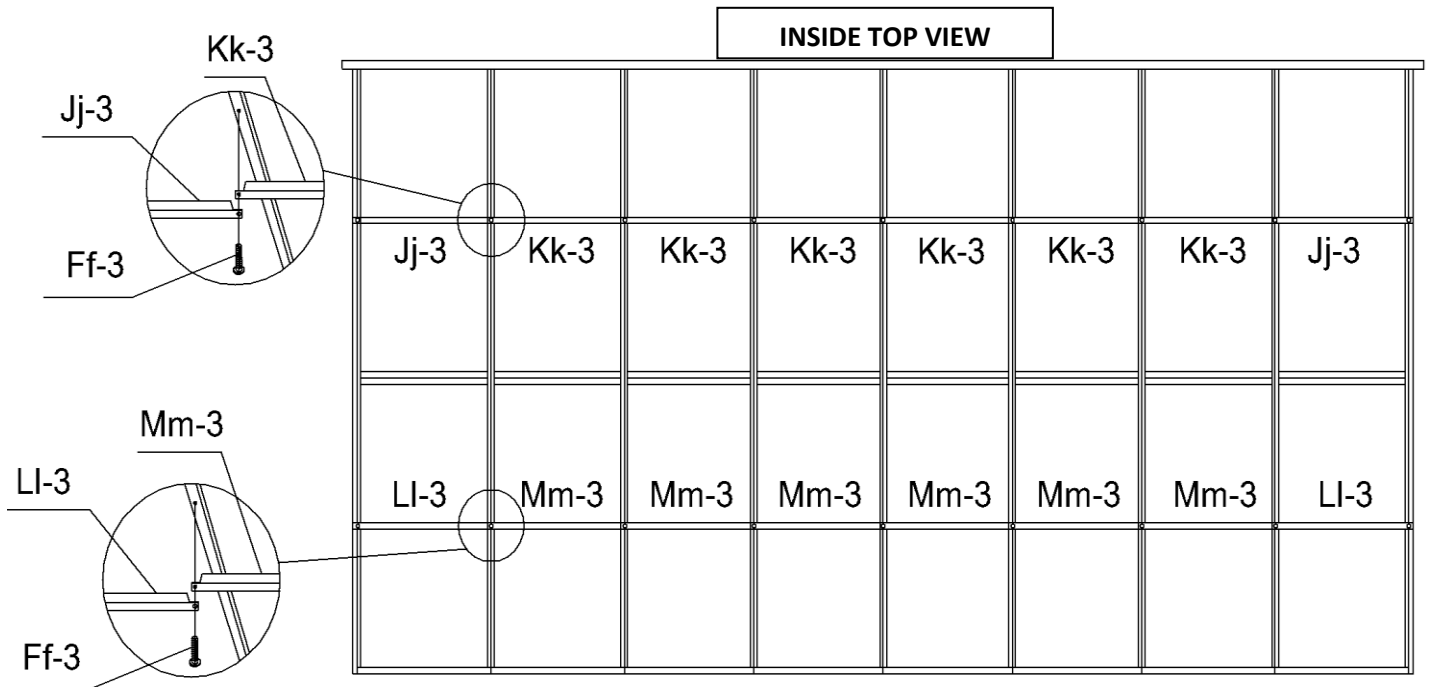
STEP #12

Starting at either end, add X-3 edging and one (1) R-3 bracket and screw with Bb-3 manually, do not use power drill. Add Y-3 edging and repeat until you reach the end, then add the X-3 edging.



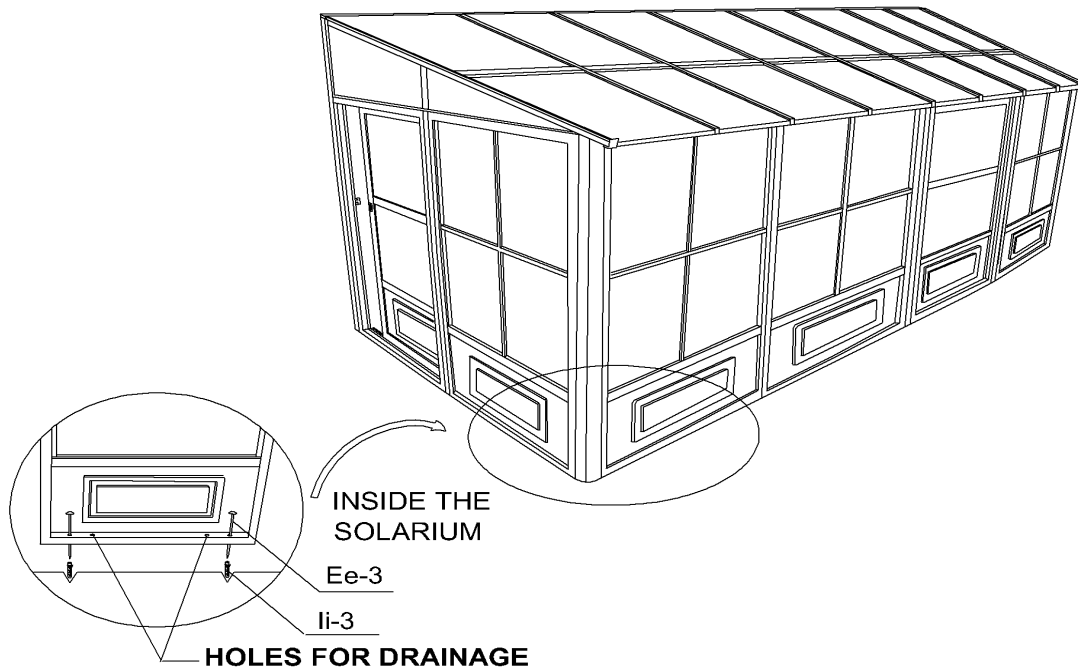
STEP #13

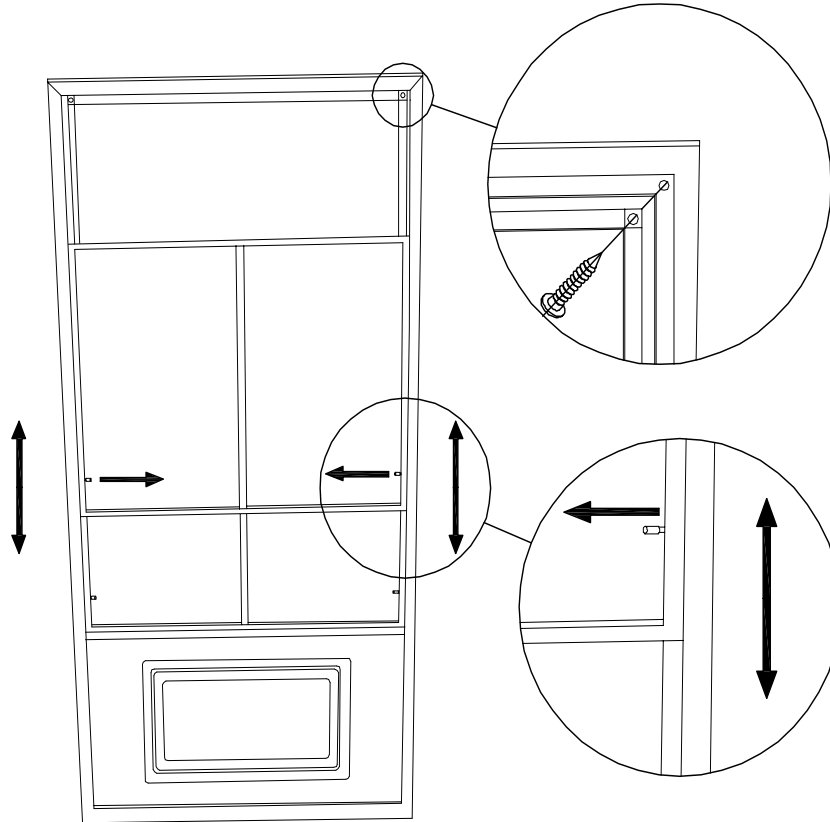
On the inside of the solarium under each rafter there are two rows of inserts with threads. Start the upper row with a Jj-3 at either end and screw it with Ff-3 and in between the Kk-3 panels. Use Ff-3 screws at the lower row LI-3 at the 2 ends then the others in between the Mm-3 panels. Make sure screws are manually tight.



STEP #14

Anchor the solarium to the deck or floor securely using screws and shields supplied. See diagram below.





SPECIAL NOTES

To remove a screen, remove the two (2) screws at the top of the frame then pull sideways to the opposite end of the handles to remove. To remove wind panels, push or pull to one side, making sure that locking pin is not locked then remove panels gently, panels are easy to remove.

NOTE:

This unit is not waterproof. For best protection against rain, close the windows of each frame with the outside window in the center, and the inside window at the top.

CLEANING INSTRUCTIONS:

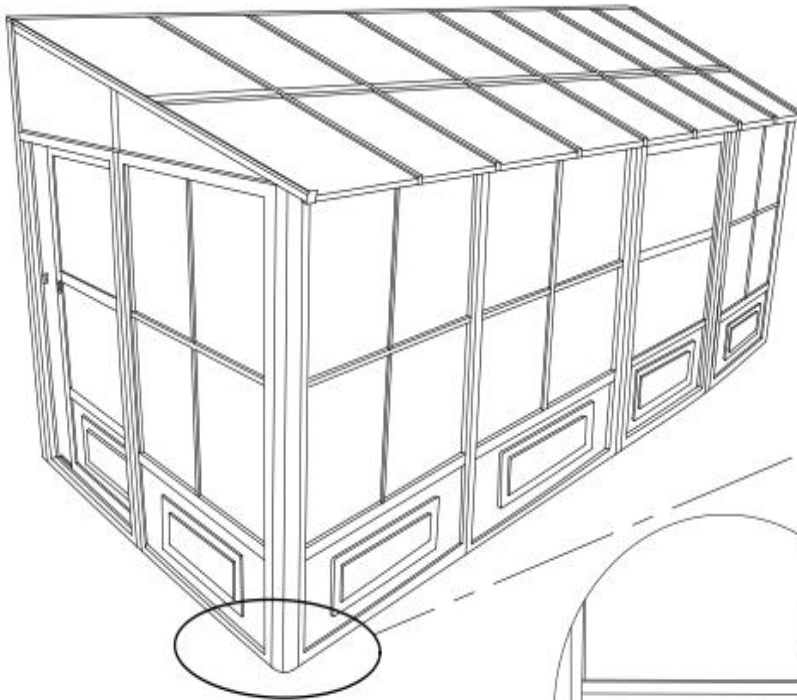
Use only mild or warm soapy water, no strong or abrasive cleaning products. Be sure to remove heavy snow and/or ice.

WARNING:

- 1) Do not use BBQ or any other flammable product inside the solarium.
- 2) **Remove snow from the roof.**

***Suggestions**

The below mentioned are only suggestions in order to permit drainage, these will vary depending on your flooring – material, flatness and slope.



Apply silicone to prevent water from seeping from under the frame /

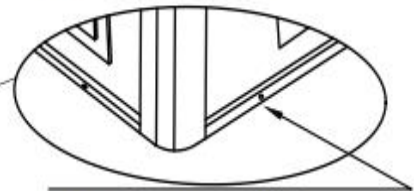
Appliquez du silicone pour empêcher l'eau de s'infiltrer sous le cadre

**INSIDE VIEW /
VUE DE
L'INTÉRIEUR**

For Concrete Flooring
Seal the provided drain holes on the inside layer

Pour Sol en Béton
Fermer les trous de drainage fournis sur la couche intérieure

For Concrete Flooring
Pour Sol en Béton



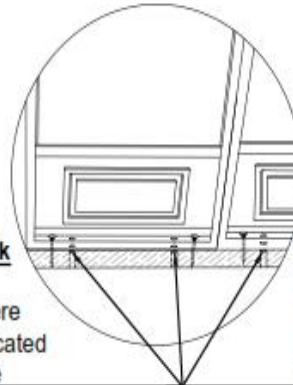
On the outside face, it is suggested to drill holes at the bottom end of the panels to permit drainage when installing on concrete floor /

Sur la face extérieure, il est suggéré de percer des trous à l'extrémité inférieure des panneaux pour permettre le drainage.

**INSIDE VIEW /
VUE DE
L'INTÉRIEUR**

For Wooden Deck
Drill through the wooden deck where drain holes are located to permit drainage

Pour Deck en Bois
Forez les ponts où se trouvent les trous de drainage pour permettre de l'eau passer à travers.



Note: The Dimensions are approximate

