



CTC88CW

Georgian Cabin Sauna with Changeroom Assembly Instructions



Requirements:

2 People (recommended)

Rubber Mallet

Carpenter's Level

Tape Measure

Cordless Drill

Phillips & Robertson Drill Bits

2" (51mm) hole saw

Jigsaw

¼" (6mm) & ½" (13mm) Nut Driver Bit

Step Ladder

Adjustable Wrench

Grinder & Metal Cutting Disc

Carpenter's Hammer

It is highly recommended to view the assembly video prior to starting assembly!

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[View the assembly process](#) 



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Georgian Cabin with Changeroom Assembly Instructions

Parts List

Part #	Description	Quantity
603301	2x6x86-3/4" (220cm) Headers for Floor (Marked)	2
603329	2x6x132" (335cm) Floor Joists	8
603303	2x6x84" (213cm) Flooring Boards	26
603330	84" (213cm) Flooring Board (2" Wide) Marked Floor Starter	1
603306	95" (241cm) Bottom Front Wall Starter Piece (with Door Cutout)	2
603307	95" (241cm) Bottom Wall Starter Piece	3
603308	95" (241cm) Wall Staves with Notch on Both Ends	14
603331	143" (363cm) Wall Staves with Notch on Both Ends & Middle	28
603332	143" (363cm) Wall Staves with Notch on Ends & Angle for Sidewall Top	2
603311	34-13/16" (88cm) Wall Staves with Notch on 1 End only for B/Above Windows	16
603333	34-13/16" (88cm) Wall Staves with Notch on 1 End only & Cutout for Windows	4
603312	13" (33cm) Wall Staves with Notch on 1 End only for Beside Windows	32
603313	8" (20cm) Wall Staves Straight Cut Ends for Beside Windows	32
603314	PreAssembled Gable Ends (Front & Back Wall)	3
603521	143" (363cm) Top Beam (2 Ply) with Angled Corners	1
603524	143" (363cm) Roof Starter Assembly (2pcs + Nosing)	2
603523	143" (363cm) T&G Roof Boards (with 2 Grooves)	14
603522	143" (363cm) T&G Roof Boards Made 6-1/2" Wide	2
603505	53" (135) x 2-1/8" Gable End Trims (Angle cut both ends)	4
603017	Sauna Door with Frame & Hinges on Right	2
603018	Front Wall Window with White Cedar Frame	4
604401	18" (46cm) x 18" (46cm) Single Tier Bench Brackets	4
604402	36" (92cm) x 36" (92cm) 2 Tier Bench Brackets	2
604403	18" (46cm) Wall Mount Bench Bracket For Top Bench	9
604405	19-1/4" (50cm) x 46 1/2" (124cm) Side Wall Bench	1
604406	19-1/4" (50cm) x 83-3/4" (213cm) Bench	2
604409	19-1/4" (50cm) 46" (117cm) Changeroom Bench	2
603315	Hit Blocks (Use in Assembly Only)	2
603506	Black Metal Gable End Trim (Angle cut both ends) LEFT SIDE	2
603507	Black Metal Gable End Trim (Angle cut both ends) Right SIDE	2
603508	Black Metal Eave Starter Trim	3
603509	Black Metal Roof Ridge Trim	1.5
603510	Algoma Black Metal Shingle	40
603511	Roll of M-Seal	2
CT88WMANUAL	Georgian Cabin Sauna Manual	1
VENT1	Sauna Vent	1
603020	Outside Sauna Door Handle (Small)- White Cedar	2
603021	Inside Sauna Door Handle (Large) - White Cedar	2

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Sauna Base Preparation

Make sure the base for your sauna is level with a slight slope to the back for drainage.

A solid base for your sauna is recommended and can be made from any of the following.



Concrete Pad



Wood Deck



Crushed Stone



Patio Stone/Paver Blocks

It is recommended to build a base larger than required to provide a sitting area for cooling off during your sauna session.

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Georgian Cabin with Changeroom

Assembly Instructions

Cabin Assembly



Start the assembly of your Georgian Cabin by laying out the front and back starter staves and the 8 – floor joists.



The starter staves will be “marked” with lines and x’s where each of the floor joists will be placed.

2 floor joists on each end and 4 centered across the base on the lines.



Ensure the joists are on the “marks” and insert 3 – 3” (76mm) screws into the end of each floor joist..



Secure the 2 outer floor joists on each side together with 5 – 3” (76mm) screws spaced out securing from the inside of the inner joist.

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Georgian Cabin with Changeroom Assembly Instructions

Cabin Assembly



Measure the distance from opposite corners to ensure the base is square, adjust if needed.



Once the base is square, secure a floorboard across the middle and secure with 1 screw on each side to prevent the base from shifting out of square.



To start the assembly of the floor, locate the stave that is labelled "Floor Starter"
This will be the floorboard without the groove on one side.



Ensure the "floor Starter" stave is flush with the inside of the front and side base plates.

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Cabin Assembly



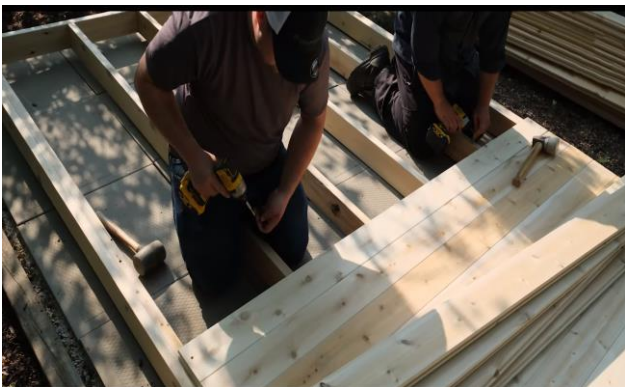
Secure with 12 – 3" (76mm) screws. 6 from the inside of the floorboard and 6 from the outside.



Align the next floorboard up to the edge of the first one and ensure it is tight to the first floorboard by tapping with a rubber mallet, so the tongue sits tightly into the groove.



Once it is tight to the first board, secure it using a 3" (76mm) screw into each floor joist from the side with the groove.



Continue adding the floorboards until you reach the back of the sauna.
When you get to the temporary floorboard, remove it and use where needed.

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Georgian Cabin with Changeroom Assembly Instructions

Cabin Assembly



When you reach the back of the sauna, use the smaller floorboard and secure it with 6 -3" (76mm) screws.



Locate the wall stave labelled "Door".



Place the door stave onto the front of the sauna. Ensure to place it with the notch cut out for the door facing upwards. (tongue up, groove down)



Place one of the side wall staves and using the provided "hit block" tap it so the groove goes tight over the tongue of the front starter stave. Ensure the tongue is facing up on the side wall stave.

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Georgian Cabin with Changeroom Assembly Instructions

Cabin Assembly



Place the back wall starter stave. It is the same as the front wall starter stave without the door section cut out.



Tap the side wall stave using the provided "hit block" so the groove goes tight over the tongue of the back wall starter stave.
Repeat with a side wall stave on the opposite side.



Insert a 5" (127mm) screw into each of the notches in the 4 corners to secure the side wall stave to the front and back starter staves.



Insert 3 - 3" (76mm) screws through the front and back starter staves into the floor. If the walls are not sitting tight on the base, you can use a 5" (127mm) screw to pull them down tight to the base.
Repeat on the side wall staves using 4 screws per side.

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Georgian Cabin with Changeroom Assembly Instructions

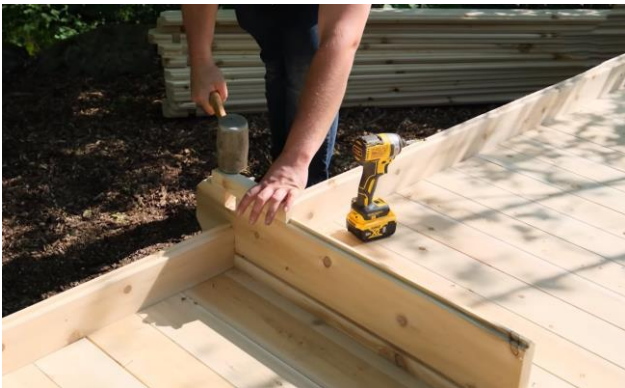
Cabin Assembly



Place the starter stave marked “changeroom door” centered between the notches on the side wall staves. Use 4 – 3” (76mm) screws to secure it to the floor.



Locate the short stave with the extra piece attached and place on top of either side of the changeroom wall stave.



Tap the stave tight using the provided “hit block” and use a 5” (127mm) screw into the notch to secure it to the side wall stave. Repeat on opposite side.



Place a short front wall stave on either side of the front wall and secure with a 5” (127mm) screw in each of the notches. Ensure to screw on a bit of an angle to not hit the screws below. Repeat on opposite side.

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Cabin Assembly



Now place a full-length stave at the rear of the sauna and tap the tongue and groove together to make sure it is tight and secure with a 5" (127mm) screw into the notch at either end. Ensure to screw on a bit of an angle to not hit the screws below.



Repeat the process for a side wall stave. Repeat on opposite side.



Continue adding the wall staves in the same method until you reach the 4th row on the front and middle walls of the sauna. Alternating by placing front and middle short wall staves, full back wall stave and then the full-length side wall staves on either side.



Install the short wall stave labelled "window" above the 4th row on either side of the front and middle wall and secure in the same manner as previous steps.

These staves will have a notch cut out for the window.

Add another back wall stave and then a side wall stave on either side.

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Cabin Assembly



Place a short front wall stave on either side of the front and middle walls and secure with a 5" (127mm) screw in each of the notches.



Repeat the process of placing and securing the sides, back wall staves and short front and middle wall staves until the short staves are 8 staves high.



Place your windows onto the front wall and ensure the staves are fully inserted into the grooves. Repeat for middle changerroom wall.



Slide the door in between the front wall staves. Ensure it opens towards the front of the sauna. Repeat for middle changerroom wall.

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Georgian Cabin with Changeroom Assembly Instructions

Cabin Assembly



Slide all the small front wall staves without the notch in between the door and windows and ensure they are tight to each other by tapping with a mallet. Repeat for middle changerroom wall.



Place a medium length front wall stave above each window and secure using a 5" (127mm) screw into each notch.



Insert a rear wall stave and a side stave on either side of the sauna and secure using 5" (127mm) screws into the notches on each end of the staves.



Secure the full-length wall stave labelled "Door" above the windows and door and secure with 5" (127mm) screws into the notches in the same manner as the previous steps. Repeat for middle changerroom wall.

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Georgian Cabin with Changeroom Assembly Instructions

Cabin Assembly



Place the side wall stave with the tapered edge on the side wall and secure in the notches with a 5" (127mm) screw on both sides of the sauna. The longer edge of the taper on the side wall stave goes to the inside of the sauna.



Place one of the pre-assembled gable ends onto the rear wall of the sauna. Use a rubber mallet to tap the piece tight to the wall. Secure with 5" (127mm) screws into the pre-drilled holes. Repeat for the front and changeroom walls.



Locate the center top beam.



Place the top beam into the slots on the top of the triangle pieces. Use a rubber mallet to tap the top beam tight into the slots on the gable ends. Secure with 6 - 3" (76mm) screws into the pre-drilled holes. (1 screw on each side of gable ends)

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Cabin Assembly

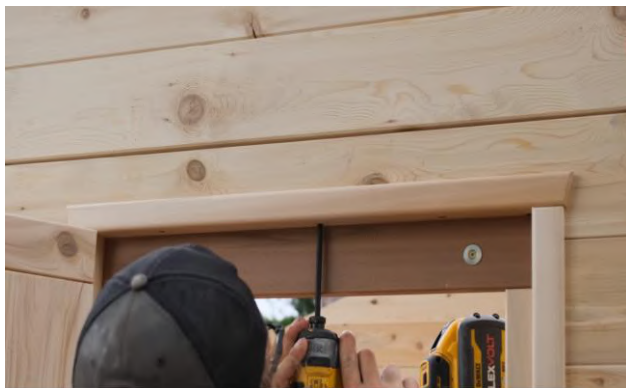


Insert 2 – 3" (64mm) screws into the top of the door frame as shown.

Repeat this for the side opposite the door hinges as well with 3 – 3" (64mm) screws.



Place a 3" (64mm) screw through the middle hole on the 2 hinges and then centered in the frame between the 2 hinges.



Use a 5" (127mm) screw in between the previously placed screws in the top of the door frame to pull in the middle of the Gable end.

Repeat for the changerroom door frame.

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Georgian Cabin with Changeroom Assembly Instructions

Roof Assembly



Find the 2 roof starter pieces.
Each piece is 2 boards wide with a notch cut out on either end and in the middle.



Align the notch with the edge of gable ends and secure using 2 - 3" (64mm) screws into each of the gable ends.



Place an additional 8 - 3" (76mm) screws spaced out in the roof starter pieces aligned so that the screws are going into the side wall.



Start placing the roof staves going up the roof and tap into each other, Secure with 3 - 3" (76mm) screws into each gable end.

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Roof Assembly



When you reach the top of one side, use the wide stave without the groove on the top. Secure the top peak piece with 3 – 3" (76mm) screws into the gable ends and 8 more screws centered along the peak into the roof support beam. Repeat the process on the other side of the roof.



Pre-place 4 – 3" (76mm) screws into the front fascia trim piece ensuring it is flush. Repeat on the opposite side. Repeat for the back side of the sauna.



Place the long metal trim pieces on the sides of the roof and secure with the 12 of the included short black screws. Slide the shorter metal trim piece into the longer piece to get to the back of the sauna. Repeat for opposite side of sauna.



Secure the front metal trim pieces onto the wood trim pieces and secure on the face and underneath with 7 of the included short black screws. Repeat on the front side of the sauna.

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Roof Assembly



Start applying the metal shingles by sliding the shingle under the side metal trim piece and flush with the edge of the side trim and then secure using the included roofing screws. Screw the shingle to the roof at the bottom of each ridge.



Overlap the panels one ridge and continue securing to the roof to the other side of the sauna.



Continue adding the shingles up the roof overlapping the previous row securing with roofing screws on every ridge until you get to the last row needed.



When you reach the peak, use half width shingles.

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Roof Assembly



Use an angle grinder to cut the shingles in half to use as finishers at the end.



Screw the half shingle to the roof at the bottom of each ridge.



Repeat the process for one of the half width shingles. Repeat the above steps for the other side of the roof.



Place the 2 ridge caps on top of each other and mark a line 25" (64cm) from the end of the bottom one.

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Roof Assembly



Reveal the adhesive side of the M-seal and apply it to the inside edges of the unmarked ridge cap.



Repeat for the other ridge cap placing the adhesive seal to both sides on just the last 25" of the marked ridge cap.



Place the roof ridge cap under the rear trim piece. Secure with the self-sealing roofing screws every other ridge. Only do 2 rows at this time.



Place the 2nd ridge cap over the first. Ensure to tuck it under the front trim piece and continue securing the ridge caps into every other ridge.

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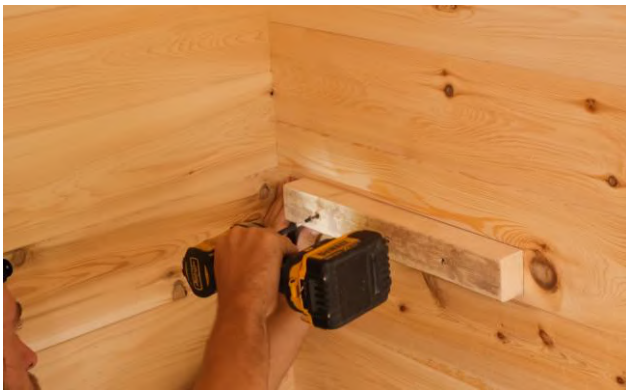
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Assembly Instructions

Bench Assembly



Start the assembly of your benches by placing the 2-tier bench support along the wall. Using a pencil, trace the top and front of the upper and lower bench.



Mount one of the wall mount bench brackets flush to the line on the upper bench and secure with 3 - 2 ½" (64mm) screws. Repeat for the line of the bottom bench and secure with 3 - 2 ½" (64mm) screws. Repeat process on opposite side of sauna,



Place the top bench onto the supports and secure with 2 ½" (64mm) screws. Place the screws into between the bench slats to make them less visible.



Align the bench supports to the slats on bottom of bench. Ensure bench support is square and secure with 2 ½" (64mm) screws from the bench into the support. Again, place the screws into between the bench slats to make them less visible.

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Bench Assembly



Repeat the process for the bottom bench.



Screw the bench supports to the floor and back wall using 2 ½" (64mm) screws.



Place the small bench support against the inside of the middle wall and mark the top and the front as in previous steps.



Mount the support board flush to the line of the bench and secure with 3 - 2 ½" (64mm) screws.

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Assembly Instructions

Bench Assembly



Place the small bench support on the other end, make sure the side labelled "top" is upward.



Screw the bench support to the floor and side wall using 2 ½" (64mm) screws.



Place the bench on the supports and secure with 2 ½" (64mm) screws. Again, place the screws into between the bench slats to make them less visible.



Line up the support and secure the bench to the supports and the supports to the floor and side wall in the same manner as previous steps using 2 ½" (64mm) screws.

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Assembly Instructions

Bench Assembly



To start the assembly of the changeroom benches, Place the small bench support against the inside of the changeroom wall and mark the top and the front as in previous steps. Repeat for the other end.



Mount the support board flush to the line of the bench and secure with 3 - 2 ½" (64mm) screws. Repeat for the other end.



Bring in the changeroom bench and place it on the wall mounts and secure with 2 ½" (64mm) screws. Place the screws into between the bench slats to make them less visible.



Line up the bench support and secure the bench to the supports and the supports to the floor and side wall in the same manner as previous steps using 2 ½" (64mm) screws. Repeat for opposite side changeroom bench.

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Assembly Instructions

Door Handles & Accessories Installation



Install the outer door handle (small) at the desired height using 2 - 2 ½" (64mm) screws in the pre-drilled holes. Repeat for changerroom door.



Install the inner door handle (large) horizontally at the desired height. Ensure the handle is level and secure using 2 - 2 ½" (64mm) screws in the pre-drilled holes. Repeat for changerroom door.



Install the optional shelf at the desired location and secure with 2 - 1 ½" (38mm) screws.



Install the optional Thermometer using a 1 ½" (38mm) screws.

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Assembly Instructions

Electric Heater Installation (Optional)



Measure the width of the stove mounting holes.



Measure the height of the mounting holes and add 6".
(152mm)



Transfer the measurements to the back wall of sauna.

Ensure the heater will be centered between the benches.



Install the two $\frac{1}{4}$ " x $1\frac{1}{2}$ " (6mm x 38mm) hex head lag screws (supplied with the heater) into the holes.

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Assembly Instructions

Electric Heater Installation (Optional)



Hang the heater on the 2 screws and tighten to secure stove in position.



Locate the pieces for your heater guard.

Stand the 2 Assembled side pieces of the heater guard on edge with pre-drilled holes on the bottom.



Screw heater guard support to either side using (2) – 1 ½" (38mm) screws per side.

Repeat for the bottom heater guard support.



Place 2- 2 ½" (64mm) screws into the pre-drilled holes on either side of heater guard to prepare for mounting.

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Assembly Instructions

Electric Heater Installation (Optional)



Center the guard around the heater and secure to wall with the preplaced screws.



Ensure the guard is level and secure the other side.



Wash the layer of rock dust off of the sauna rocks before using them.

When your sauna is set up and working you should “break-in” the sauna before using it for the first time by turning on the heater to its highest setting and operate it for about 1 hour.

This is recommended to burn off any oils impurities from manufacturing, and it also “cures” the woodwork.

- *All wiring should be installed according to the heater manufacturers instructions and by a licensed electrician.*

- **Do NOT use a G.F.I breaker**

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Assembly Instructions

Wood Stove Installation (Optional)



Remove all protective film from stainless steel parts and the plastic wrap from stove pipe pieces before installation.



Fasten the stove handle onto the stove door With the screws provided.



Remove the screw on the back of stove and remove the back flap.



Place the heat shield on the floor centered between the benches and the changeroom wall.

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Assembly Instructions

Wood Stove Installation (Optional)



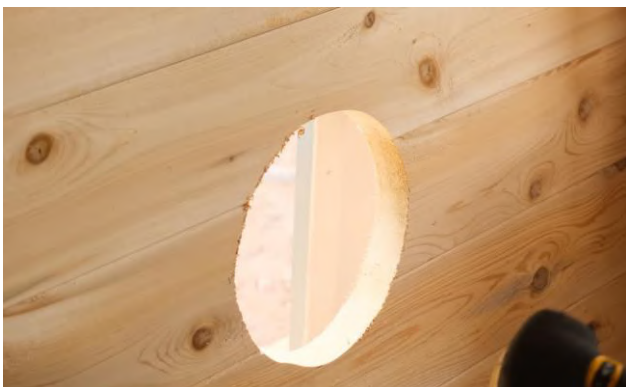
Place the stove onto the heat shield.



Place the short metal pipe into the back of the stove and mark it where it meets the wall.



From the mark, make an 8" (203mm) circle.



Cut out the circle with a jigsaw.

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Assembly Instructions

Wood Stove Installation (Optional)



Place the heat shield behind the stove ensuring it is correctly oriented.



Slide the chimney through the hole into the stove to gauge the correct height for the heat shield.



Secure the heat shield to the wall with 6 - 1" (25mm) screws.



Ensure the cap is on the top chimney hole.

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Assembly Instructions

Wood Stove Installation (Optional)



Slide the 2 chimney stacks together ensuring the welds are aligned.



Place the stack support strap over the groove and secure with the provided bolt, washers and nut.



Slide the chimney cap into the top of the stack.



Slide the chimney assembly into the bottom stack. Ensure the welds are aligned.

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Assembly Instructions

Wood Stove Installation (Optional)



Place the stack support strap over the groove and secure with the provided bolt, washers and nut.



Disassemble the Chimney stack bracket.



Fasten these 2 brackets together with the provided hardware.



Place a spacer block behind the bracket and using the provided lag screws, secure the bracket to the side of the sauna slightly under the edge of the roof.

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Assembly Instructions

Wood Stove Installation (Optional)



Push the chimney in until it aligns with the top support bracket and secure it with a support band and the included bolt, nut, and washers.

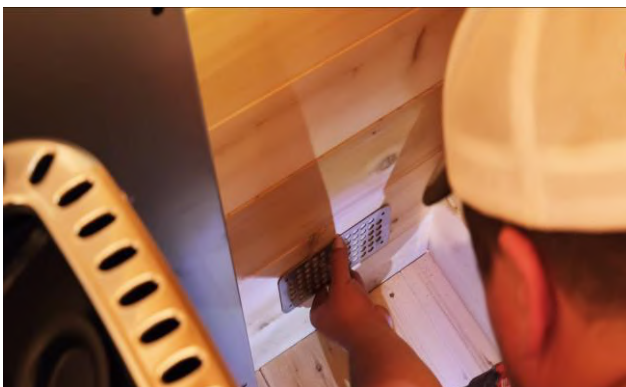


Install the bottom half of the exterior chimney shield with the provided screws.

Ensure that it is level.



Overlap the top half of the exterior chimney shield and secure with provided screws.



Mark the vent hole positions on the side wall of the sauna, next to the stove, and drill out with a 2" (51mm) hole saw.

Only go halfway through to prevent splintering and drill the remainder from the other side of wall.

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Assembly Instructions

Wood Stove Installation (Optional)



Using 1 ½" (38mm) screws, screw on the vent cover. (note that the vent guard only goes on the outside.)



Repeat the process high up on the opposite side wall. Drill out with a 2" (51mm) hole saw. Only go halfway through to prevent splintering and drill the remainder from the other side of wall.



Secure the vent cover on the outside of the sauna using 6 - 1 ½" (38mm) screws.



Use a 1 ½" (38mm) screw and attach the vent board on the inside of the sauna making sure it is tight but can still be turned.

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Assembly Instructions

Care & Maintenance

Interior

It is recommended to vacuum or sweep out the inside of your sauna frequently to remove dirt and other debris.

Under normal conditions, a slight wash of the floor and benches with warm soapy water several times a year will maintain its cleanliness. You can use a sheet of fine grit sandpaper or a low-pressure wash to remove more stubborn stains or for a deeper cleaning of the interior of your sauna.

Never use ammonia or harsh cleaners as they can turn the wood gray.

Exterior

Depending on the humidity and weather conditions in your area, the cedar will either shrink or expand based on the amount of moisture absorption. The desired effect is to have the cedar expand into the bands therefore making the sauna staves much tighter.

It is recommended to tighten the bands after a period of time, usually within the first few months

Over time the lumber will weather naturally as a result of sun and rain, it will change into a weathered grey colour. This natural weathering will not harm the wood or impair the sauna's performance.

If you wish to retain the natural color of your Dundalk Leisurecraft Sauna, there are many cedar stains on the market and almost as many opinions as to which is best.

We encourage you to rely on your own research and referrals.

Never treat the interior of the Sauna, and never apply paint or varnish to the exterior.

Water Seepage

Some minor water seeping into the sauna is expected and normal for an outdoor sauna.

If your sauna is properly installed, you should not have water dripping in but you should expect some water seepage, especially on the top and sides of the sauna.

This is due to the porous characteristics of the wood and to the ball-and-socket profile design of the staves.

Water Seepage will not harm the sauna. The moisture will evaporate once you turn on the heater and the sauna heats up.

If the water marks are bothersome, they can be easily removed with a light sanding (80 or 100 grit)

To minimize seepage, select a location for your sauna that is under cover, or choose one of our roofing options.

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Warranty

Canadian Timber Collection Saunas warrants our saunas against defects in materials and workmanship under normal/residential use for a period of three (3) years, as applicable, from the date of receipt of the product by the original end-user consumer. This warranty does not apply to normal wear and tear and/or natural weather conditions. This warranty does not cover regular required maintenance of the sauna, (eg. Tightening bands on the barrels, cleaning or staining the sauna) refer to your sauna assembly manual for maintenance guidelines. This warranty does not cover misuse or negligence and the manufacturer and associated retailers are not liable for any injury or damage caused by the product. This warranty is a parts only warranty and any service or labor costs would not be considered as part of the 3 year warranty.

Purchaser Name: _____ Date: _____

Purchased From: _____

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