



10/2023

CTC88W Georgian Cabin Assembly Instructions



Requirements:

- | | |
|---------------------------------|------------------------------|
| 2 People (recommended) | 2" (51mm) hole saw |
| Rubber Mallet | Jigsaw |
| Carpenter's Level | 1/4" (6mm) Nut Driver Bit |
| Tape Measure | Step Ladder |
| Cordless Drill | Adjustable Wrench |
| Phillips & Robertson Drill Bits | Grinder & Metal Cutting Disc |
| | Carpenter's Hammer |

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

[Click here to View the assembly process or scan the QR code.](#)



You Tube

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Georgian Cabin Assembly Instructions

Index

Base Preparation

Cabin Assembly

Roof Installation

Bench Installation

Electric Heater Installation (Option)

Harvia M3 Wood Heater Installation (Chimney out the side wall) (Option)

Care & Maintenance

Warranty

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Georgian Cabin Assembly Instructions

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 Assembly Instructions

Cabin Assembly



Start the assembly of your Georgian Cabin by laying out the front and back base plates and the 8 – base supports.



The front and back pieces will be “marked” where each of the base supports will be placed.

2 Supports on each end and 4 centered across the base.



Insert 2 – 3” (76mm) screws into the end of each base stave.



Repeat this process for all 8 supports.

2 supports on either end and the remaining 4 centered on “marks”.

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Georgian Cabin Assembly Instructions

Cabin Assembly



To start the assembly of the floor, locate the stave that is labelled "Floor Starter"



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



Secure with 2 - 3" (76mm) screws per support.

To give it a cleaner look, only secure the 2 outside supports on each side.



Align the next floor stave up to the edge of the first one and tap the tongue into the groove.

Once it is even with the first stave, secure it using 2- 3" (76mm) screws into the 2 outer supports on either side as in the previous step.

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Assembly Instructions

Cabin Assembly



Repeat this process until all the floor staves have been placed.

The final 6 staves can be secured to every base support, as these will be hidden by the benches.



Use the floor stave marked "Floor Finisher" as the last floor stave.

This Floor Finisher stave should be even with the inside edge of the back joist.

If not, measure how much it is past the inside edge and cut the floor stave accordingly.



Place 3 -3" (76mm) screws into each of the side supports.



Locate the wall stave labelled "Door".

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Assembly Instructions

Cabin Assembly



Fasten the front and rear starter staves with 2 - 3" (76mm) screws to secure it to the floor.



Place one of the medium length wall staves at the front of the sauna and using the provided "hit block" tap it so the groove goes tight into the tongue of the front starter stave.

When using the tapping blocks, hit above the dado cuts to prevent ends from splitting.



Insert a 5" (127mm) screw into the notch to secure it to the starter stave below.

Repeat for the other side of the front wall.



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.

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Assembly Instructions

Cabin Assembly



Repeat the process for 2 more of the side wall staves



Continue with the front wall by placing one of the medium length wall staves on both ends and tapping them so the groove goes tight into the tongue of the front starter stave and secure it with a 5" (127mm) screw into the notch.



Continue this process using 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.

Repeat the above steps until you are ready for the 4th front wall stave.



Install the medium length stave labelled "window" on either side of the front 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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Assembly Instructions

Cabin Assembly



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.



Repeat the process of placing and securing the sides, back wall staves and short front 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.



Slide the door in between the front wall staves.

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Assembly Instructions

Cabin Assembly



Slide all the small front wall staves between the door and windows and ensure they are tight to each other by tapping with a mallet.



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 other full length front 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.

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Assembly Instructions

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.



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 the front and rear triangle front pieces onto the sauna.

Use a rubber mallet to tap the piece tight to the wall.

Secure with 5" (127mm) screws into the pre-drilled holes.

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Assembly Instructions

Cabin Assembly



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 triangle piece.



Locate the center roof support beam.



Place the center roof support beam into the slots on the top of the triangle pieces.



Secure each end with a 5" (127mm) screw on each side of each triangle piece.

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Assembly Instructions

Roof Assembly



Find the 2 roof starter pieces.

This is 2 boards wide with a notch cut out.



Align the notch with the edge of the triangle pieces and use 2 - 3" (64mm) screws on each end and 5 - 3" screws from the roof board into the side wall.



Start placing the roof staves going up the roof and tap into each other, secure with 2 - 3" (64mm) screws into each end.



When you reach the top of one side, use the wide stave without the groove on the top.

Secure the top peak piece with 2 - 3" (64mm) screws at either end and 4 more screws centered along the peak into the roof support beam.

Repeat the process on the other side of the roof.

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Georgian Cabin Assembly Instructions

Roof Assembly



Pre-place 4 – 3" (64mm) screws into the front trim pieces and secure to the roof staves.

The trim should be fastened so the top of the trim is flush to the top of the roof staves.

Repeat on the back side of the sauna.



Secure the front metal trim pieces onto the wood trim pieces and secure on the face and underneath with the included short black screws.

Repeat on the back side of the sauna.



Fold over the ends of the metal trim pieces and secure with the included black short screws.



Place the long metal trim pieces on the sides of the roof and secure with the included short black screws.

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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.



The last row of roof shingles will be precut to size.

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Roof Assembly



Place and secure the last 3 shingles.

Repeat the process on the other side of the roof.



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



Place the roof ridge cap under the front and back trim pieces.

Secure the ridge cap on both sides with roofing screws in every ridge.



Place a small black screw into the front and back trim piece.

Flatten any points on the trim with a hammer.

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Georgian Cabin 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 process on opposite side of sauna,



Place the top bench onto the supports and secure with 2 ½" (64mm) screws into the wall mount bench brackets.

Place the screws 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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Georgian Cabin Assembly Instructions

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 wall and mark the top and the front as in previous steps.



Mount the remaining wall mount bench bracket 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 benches 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 supports 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

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.



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.



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 pre placed 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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Harvia M3 Wood Stove Installation (Chimney out the back wall) (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 where the stove will be.

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Georgian Cabin Assembly Instructions

Harvia M3 Wood Stove Installation (Chimney out the back wall) (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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Georgian Cabin Assembly Instructions

Harvia M3 Wood Stove Installation (Chimney out the back wall) (Optional)



Place the chimney through the hole, then through the heat shield (hole towards the bottom), then into the stove.



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



Measure the distance from the wall to the center of the chimney.



Mark this distance near the top of the sauna wall.

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Harvia M3 Wood Stove Installation (Chimney out the back wall) (Optional)



Place 3 – 3" (76mm) screws into each of the 3 chimney support boards.

Mark the center of the board to line up with the mark in the last step.



Secure the support to the wall lining up the center to the mark placed on the wall.

Add the second and 3rd support pieces on top of the first one, with the screws in opposite orientation to avoid hitting each other.



Mark the center of the 3rd support piece and install the chimney support bracket centered on this mark with the included lag screws.



Assemble the remaining chimney pieces.

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Harvia M3 Wood Stove Installation (Chimney out the back wall) (Optional)



Attach the support strap around the 2 chimney pipes and tighten up.



Attached assemble chimney pieces to the "T" coming out the back of the sauna and secure with a support band.



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



Install the cap on the top of the assembled chimney.

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Harvia M3 Wood Stove Installation (Chimney out the back wall) (Optional)



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 outlet hole position high up on the back 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.



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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Georgian Cabin Assembly Instructions

Harvia M3 Wood Stove Installation (Chimney out the back wall) (Optional)



Using 1 ½" (38mm) screws, screw on the vent cover.



Mark the vent inlet 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.



Using 1 ½" (38mm) screws, screw on the vent cover.

(note that the vent guard only goes on the outside.)

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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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