

Outdoor Cabin Sauna Assembly Instructions



Requirements:

2 People (recommended)

* Carpenter's Hammer

* Step Ladder

* Cordless Drill (we supply the bit)

* Tape Measure

Carpenter's Level

• Rubber Mallet

• 7/16" Wrench

[View the assembly process](#) 

Outdoor Cabin Sauna Assembly Instructions

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Outdoor Cabin Sauna 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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Outdoor Cabin Sauna Assembly Instructions

Sauna Assembly



To start the assembly of your outdoor Sauna, Place the 2 sections of the floor together as shown.

Ensure the tongue and grooves line up with each other.



Screw the floor pieces together using 2 ½" (64mm) screws in the pre-drilled holes.



Locate the 4 T-nuts, hammer one of the T nuts into the predrilled holes from the bottom in each corner.

Lay the assembled floor on your solid base.



Unwrap your threaded rods and hardware.

Insert the threaded rod through each corner as shown.

Using your finger, thread rod into T nut until you can feel it is flush on the bottom.

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Sauna Assembly



Insert the bottom side wall stave onto the rods.

This is the thin board with the lip on the bottom.

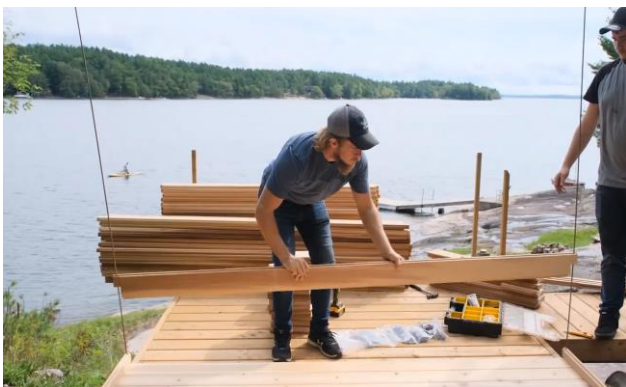


Repeat the process on the other side.



Insert the rear bottom wall stave onto the rods.

This is the thick board with the lip on the bottom.



Repeat the process on the front of the sauna.

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Outdoor Cabin Sauna Assembly Instructions

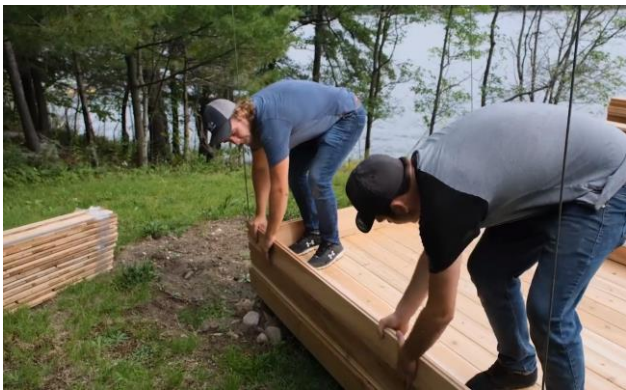
Sauna Assembly



Insert the first full size side wall stave over the threaded rods on one side of sauna.

Slide it down tight onto the bottom Stave.

Repeat for opposite side wall.



Repeat process for the first full size rear wall stave.



Insert a short wall stave on either side of the front wall of the sauna.

Repeat the above process by alternating between the side wall staves, the back wall stave and the 2 short front wall staves.



The front wall staves will vary in size depending on what options were chosen for your sauna.

If installing a window, place the short stave with the window cut out on the 2nd layer of short wall staves.

Repeat on opposite side if 2 windows have been chosen.

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Sauna Assembly



Insert a side wall stave onto the rods on either side of the sauna.



Repeat process for another rear wall stave.



Insert a short wall stave on either side of the front wall of the sauna. (if no windows are chosen, then it will be a longer short front wall stave.)

Repeat the above process by alternating between the side wall staves, the back wall stave and the 2 short front wall staves 4 more times.



Slide the first window into the window notch. (if purchased)

Repeat for the second window.

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Sauna Assembly



Slide your door into the groove.

Ensure that the logo is on the bottom and facing into the sauna.



Slide the short front staves in between the door and windows on either side.



Continue adding staves by alternating between the side wall staves, the back wall stave and the front wall staves.



When you reach the top of the windows, use the staves with the window cut outs to go over the windows.

Insert another side wall stave on either side.

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Sauna Assembly



Insert the final front half wall stave on either side of the door.



Install another rear wall stave followed by a side wall stave on either side.



Install the full-length front wall stave with the door notch cut out.

Install another rear wall stave.



Insert the top sides as shown, with the highest part of the angle cut towards the inside of the sauna.

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Outdoor Cabin Sauna Assembly Instructions

Sauna Assembly



Locate the Front and back gables and the 4 washers and nuts as well.



Ensure the groove faces the inside of the sauna.



Install the gable on top of front Wall.



The holes in the notch on end of front gable should slide over the threaded rod.

Place a washer and nut over the threaded rod and tighten.

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Outdoor Cabin Sauna Assembly Instructions

Sauna Assembly



Center the roof peak assembly onto the peak of the sauna and secure on each side with 2 ½" (64mm) screws.

Repeat at opposite end.



Beginning from the roof peak, start installing roof staves ensuring they are tight to each other and secure with 2 ½" (64mm) screws.

Use a rubber mallet if required to get the staves tight to each other.



When you get to the bottom of the roof, install the fascia with 2 ½" (64mm) screws in the predrilled holes and along the top of the side wall.

Repeat on the other side of the roof.



Starting at the bottom of one side of the roof, start applying the ice & water shield.

Ensure the top pieces overlap each other.

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Outdoor Cabin Sauna Assembly Instructions

Sauna Assembly



Cut off any excess even with the edges of the roof staves on both ends.



Gather up all of the roofing shingle strips.



Shingle strips will come in 2 pieces.

Be sure to match the number of the short piece to the number of the long piece.



Find the shingle stripped marked "Bottom".

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Sauna Assembly



Fasten the shingle strips down to the roof using 1 ½" (38mm) screws securing them approximately every 16" (406mm).

Fasten screws within 1 ½" (38mm) from the top of shingle strip to ensure they will be covered by the shingle overlap.



Shingle strips should be flush at the front and will overhang on the rear of the sauna.

Continue mounting the shingles working up to the peak of the sauna.

Repeat on the opposite side of the roof.



Preplace 2 ½" (64mm) screws into the predrilled holes of the ridge cap.

Center the ridge cap so the same amount overhangs on each end of sauna and secure.



Center the ridge cap so the same amount overhangs on each end of sauna and secure.

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Outdoor Cabin Sauna Assembly Instructions

Sauna Assembly



Install the front roof trim using 2" (51mm) screws.

Repeat on the other side.



Repeat this process on the rear of the sauna.



Install the preassembles corner trim with 2" (51mm) screws.

Ensure the angled edge aligns with the roof.



Repeat on the remaining 3 corners.

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Outdoor Cabin Sauna Assembly Instructions

Sauna Assembly



Install the outer door handle (small) at the desired height using 2 - 2" (51mm) screws in the pre-drilled holes.

Magnets are very strong and may require some force to pull the door open the first time.



Install the inner door handle (large) horizontally at the desired height. Ensure the handle is level and secure using 2 - 2" (51mm) screws in the pre-drilled holes.



Install towel hanger at desired height and secure with 1 ½" (38mm) screws.



Fasten door frame to the walls using 2 ½" (64mm) screws.

For the side with the hinges, you can go through the middle hole location.

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Outdoor Cabin Sauna Assembly Instructions

Back Wall Bench Assembly



Place the first bench support tight to the back and side wall.

Secure to the walls and floor with 2 ½" (64mm) screws.



Repeat for the opposite side of the sauna.



Place the top bench onto the top of the bench supports.



Secure the brackets to the underside of the bench using 2 - 2 ½" (64mm) screws.

Repeat for bracket at opposite side of the sauna.

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Outdoor Cabin Sauna Assembly Instructions

Back Wall Bench Assembly



Place a bench support under each of the remaining top bench supports.

Ensure they are tight to the back wall and level and secure to the wall and floor with 2 ½" (64mm) screws.

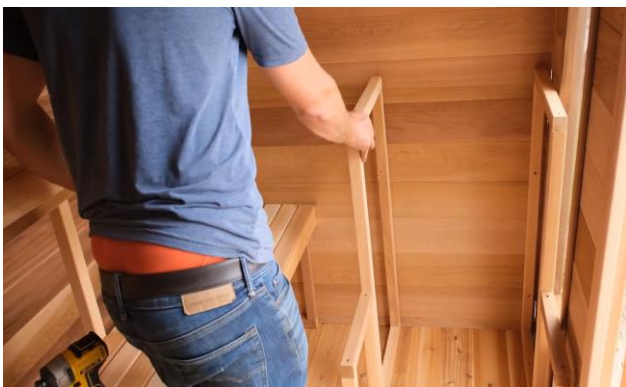


Repeat the above steps for the bottom bench.



If adding L-shaped benches, Place a side bench bracket against the front wall on the side of the sauna opposite where the heater will be located and ensure it is level.

Secure with 2 ½" (64mm) screws into the wall & floor.



Place the second bench bracket centered between the front wall of the sauna and the back wall bench.

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Back Wall Bench Assembly



Place the top side bench on top of the brackets.



Line up the bench bracket to the support on the bottom of the bench.

Ensure it is level and secure the bracket to the underside of the bench and to the wall and floor using 2 - 2 ½" (64mm) screws.



Secure the end of the top bench to the back wall bench using 2 ½" (64mm).



Repeat the above steps for the bottom bench. (if ordered)

Picture shown is with a 2-tier bench, smaller saunas may only have a top bench.

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Outdoor Cabin Sauna Assembly Instructions

Sauna Assembly



Measure the 3 corners from the top of the bench to the inside of the roof.



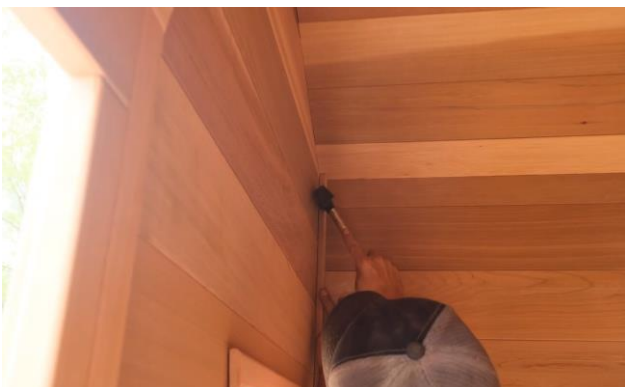
Transfer those measurements to 3 pieces of trim and cut.

Ensure the tapered end is on the top.



Mail the trim pieces into the corners.

Align the tapered ends with the slope of the roof.



Repeat the above steps for the corner without the L bench using a full piece of corner trim.

Again, ensure the tapered end is at the top.

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Outdoor Cabin Sauna Assembly Instructions

Electric Heater Installation



Measure the width of the stove mounting holes.



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



Transfer the measurements to the wall where the heater will be placed.



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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Electric Heater Installation



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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Outdoor Cabin Sauna Assembly Instructions

Electric Heater Installation



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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Electric Heater Installation



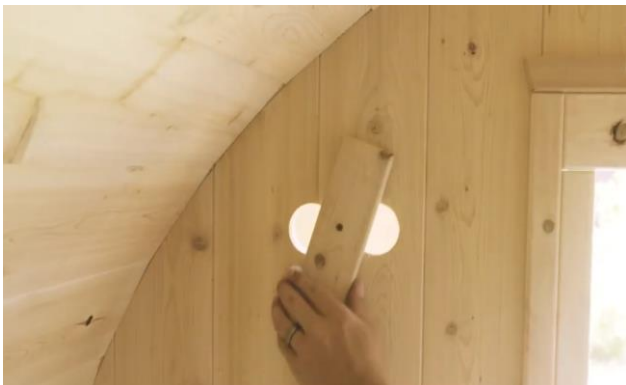
To install the vent kit for the electric heater, mark and drill 2 holes underneath the electric heater. Only drill halfway through to prevent splintering.



Finish drilling from the outside of the sauna.



Repeat the process for the vent on the opposite wall.



Install the vent cover on the inside of the sauna using 1 – 1 ½" (38mm) screw centered between the holes.

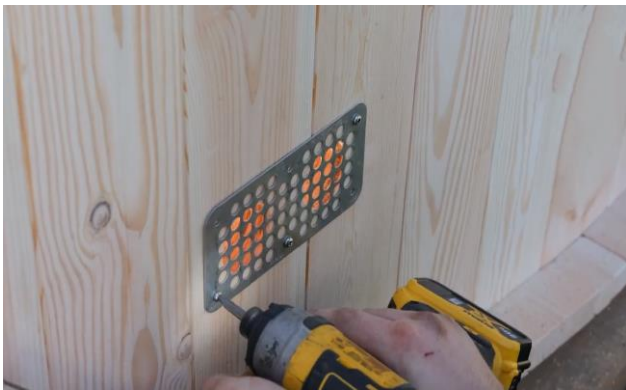
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Outdoor Cabin Sauna Assembly Instructions

Electric Heater Installation



Secure the stainless vent cover over the holes on the front of the sauna using the provided screws.



Repeat on the outside of the sauna for the holes under the heater. Note that these holes have no cover on the inside.

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Outdoor Cabin Sauna Assembly Instructions

Wood Stove Installation (Chimney out the back wall)



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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Outdoor Cabin Sauna Assembly Instructions

Wood Stove Installation (Chimney out the back wall)



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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Outdoor Cabin Sauna Assembly Instructions

Wood Stove Installation (Chimney out the back wall)



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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Wood Stove Installation (Chimney out the back wall)



Take the 3 chimney support boards and pre place 3 – 3" (76mm) screws into each one.

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 together the remaining chimney pieces.

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Outdoor Cabin Sauna Assembly Instructions

Wood Stove Installation (Chimney out the back wall)



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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Wood Stove Installation (Chimney out the back wall)



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 position high up on the back wall.

Drill out with a 2" (51mm) hole saw.

Only go half way 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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Outdoor Cabin Sauna Assembly Instructions

Wood Stove Installation (Chimney out the back wall)



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 half way 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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MAINTAINING YOUR SAUNA AFTER INSTALLATION

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.

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.

Recommended Stains Include:

Behr Premium Semi-Transparent Waterproofing Stain & Sealer

Sikkens Proluxe Cetol SRD Translucent Stain

<https://www.realcedar.com/outdoor/finishing-choices/>

Note: 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)



HOW TO TAKE A SAUNA

1. Pre-heat your sauna to the desired temperature (usually between 80-100°C)
2. While it's warming up, take a nice hot shower.
3. Enter the pre-heated sauna, relax and allow your body to perspire in the soft dry heat. Do not throw water on the rocks during the first part of the session.
4. Cool off with a cold shower or a quick swim in a lake or pool.
5. Re-enter the sauna and sprinkle water on the rocks. This will increase humidity to assist in perspiration. Half a cup every 5 minutes should be enough. Too much water will just cool off the rocks and you'll get less steam.
6. After a 20-30 minute sauna, cool off in the shower or lake or pool.
7. Repeat this sauna/cold shower process as often as desired.
8. After each use, leave the door fully open for a few hours if possible so the wood can dry out.

**These are guidelines only. Enjoy your sauna in whichever way you desire.
Children must be supervised by an adult.**

WARRANTY

Dundalk LeisureCraft Inc. warrants our saunas against defects in materials and workmanship under normal/residential use for a period of five (5) 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 5 year warranty.

Purchaser Name: _____ Date: _____

Purchased From: _____