



CU550/CU552

Pure Cube

Assembly Instructions

10/2023



Requirements:

2 People (recommended)
Rubber Mallet
Carpenters Hammer
Carpenters Level
Carpenters Square
Tape Measure
Cordless Drill

Staple Gun
11/16" Drill Bit
7/16" Drill Bit
Step Ladder
Utility Knife
Drill Bit set
2" hole Saw

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.](#)





CU550/CU552

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Assembly Instructions

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CU550/CU552 Pure Cube Outdoor 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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Sauna Assembly



Organize the pieces of your Pure Cube sauna.
Start the assembly by laying out the floor supports.



Secure the corners of the floor supports together using 2 ½" (64mm) screws.
Repeat for all 4 corners.



Using a tape measure, space out the floor joists evenly.



Once the floor joists are spaced out evenly, secure them through the predrilled holes using 2 ½" (64mm) screws.

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Sauna Assembly



Gather your tongue and groove floorboards. Insert the floorboards into the frame ensuring that they are tight by tapping them together with a rubber mallet.



Fasten the floorboards into the outer floor joists with 1 ½" (38mm) screws.

For aesthetic purposes, don't secure the floorboards to the first inner joist from the front of the sauna.

The benches will cover the first 2 rows of screws.



To start the assembly of the walls, bring in a wide panel and 1 corner post and place them flush together.



Once the wall panel and post are flush, Secure the wall panel to the post using the 2 ¾" (70mm) Connector lag screws through the predrilled holes.

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Sauna Assembly

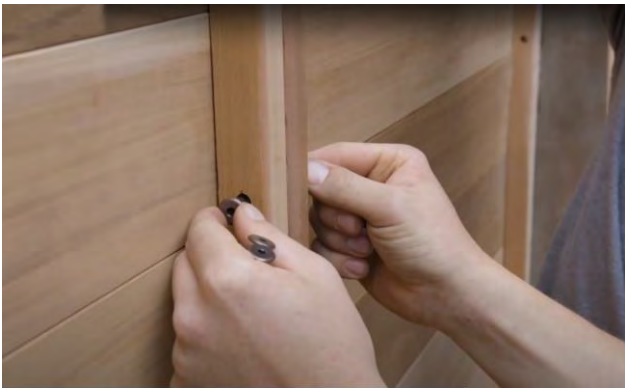


Secure a wide panel to the corner post to start the back wall in the same method as the previous step.



Connect a narrow panel to the back wide panel using 2 $\frac{3}{4}$ " (70mm) connector bolts and a connector cap nut.

Using the provided hex keys, snug up all the bolts.



Note that the walls should be assembled so the bolts should be on the outside of the sauna.



Connect a corner post to the narrow panel with 2 $\frac{3}{4}$ " (70mm) Connector lag screws through the predrilled holes.

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Sauna Assembly



Secure another wide panel to the corner post on the opposite side of the sauna using the 2 ¾" (70mm) Connector lag screws through the predrilled holes.



Attach a narrow wall panel to the wide wall panel using the 2 ¾" (70mm) Connector lag screws in the same manner as the above step.

Repeat on opposite side.



Attach a corner post to the narrow panel on the side wall in the same manner as the previous corner post.

Repeat for opposite side.



Attach your glass panel to the corner post using the 2 ¾" (70mm) Connector lag screws through the predrilled holes.

Panel can go on either the left or right side depending on preference.

** This panel may be a semi privacy panel if ordered.*

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Sauna Assembly



Bring in the wall panel for the opposite side and secure it to the corner post using the 2 $\frac{3}{4}$ " (70mm) Connector lag screws through the predrilled holes.



Place the glass door between the front glass panel and the corner post.



Fasten the glass panel to the door with the 2 $\frac{3}{4}$ " (70mm) Connector lag screws through the predrilled holes.



Before attaching the door to the corner post , predrill pilot holes in the frame of the door to prevent splitting.

Using the 2 $\frac{3}{4}$ " (70mm) Connector lag screws, attach the door to the corner post.

For aesthetics, try to space out the predrilled holes evenly to match the location of the fasteners on this corner post.

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Sauna Assembly



Using an 1 1/16" (18mm) bit, drill approximately 3/4" (19mm) into your predrilled holes to create a cavity for the plugs to sit in later.



Align the sauna so that it hangs 1 1/2" (38mm) over the base on all 4 sides.



Place the 2 roof panels on top of the sauna.



Ensure the roof panels are flush with the wall panels.

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Sauna Assembly



Inside , line up the holes and fasten the roof panels together with 2 ¾" (70mm) connector bolts and connector cap nuts.



Install the door handle by placing the provided 2" (50mm) lag screws through the inner handle (short) into the outer handle (longer).

Use the hex key to snug up, do not tighten all the way.



Ensure the outer handle lines up with the magnetic catch on the door frame and then tighten the lag screws completely.



Line up the roof panels to the edge of the walls and secure using 2 ¾" (70mm) Connector lag screws

Continue to do this to all the panels around the sauna.

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Sauna Assembly



On the inside of the sauna, secure the walls to the base using 2 $\frac{3}{4}$ " (70mm) Connector lag screws .

Continue this on each panel of the sauna.

Use 2 screws in each of the panels.



Have a helper line up one of the side roof trim pieces flush with the front wall.



Fasten the trim piece from the inside of the sauna with the 2 $\frac{3}{4}$ " (70mm) Connector lag screws through the predrilled holes.



Repeat the same process for the opposite side.

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Sauna Assembly



Repeat the same process for front trim piece as well.



Place your EPDM membrane on top of the sauna.

Spread it out evenly over the entire roof.



Once the membrane is laid out evenly over the top of the sauna, use staples or nails to secure it to the trim pieces.

Secure it every 6-8" (15-20cm)

Ensure membrane is flat and tight on the roof.



Continue around the sides and front of the sauna nailing it down every 6-8" (15-20cm)

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Sauna Assembly



Next snugly fit the roof cap pieces over the trim.



Line up the roof cap pieces so the corners are tight together and tap them down tightly over the trim pieces with a rubber mallet.

Using 1 ½" (38mm) screws, secure the roof caps into place.



Using a utility knife, cut off the excess membrane from the front and sides of the sauna.



Cut off the excess from the back leaving enough of the membrane to tuck under the back trim when installed.

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Sauna Assembly



Tuck the membrane under the lip of the roof and secure with a finishing nail.

Repeat at the other end.



Place the back trim tight under the edge of the roof.

Secure it with lag screws from the inside of the sauna in the same method as the front and side trim pieces.



Secure the 2 door trim pieces (narrow trim) over the seams beside the door using staples or finishing nails.



Repeat the process with the wall trim pieces (wide trim) over the rest of the seams around the sauna.

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Bench Assembly

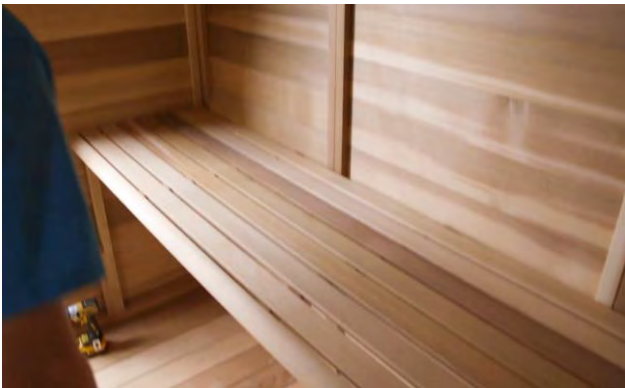


Bring in your bench supports and place 1 support at either end of the back wall.

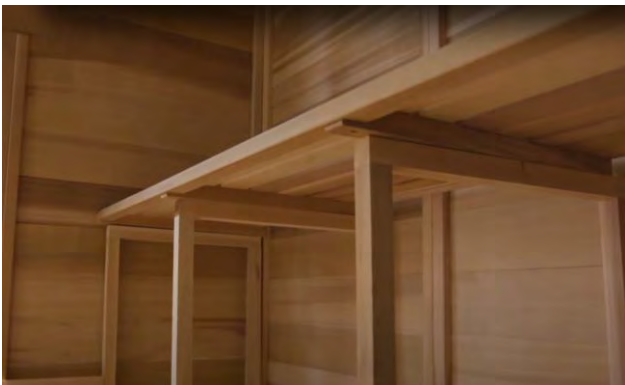


Ensure the bench supports are tight to the side and back walls, then secure the supports to the walls and floor using 2 ½" (64mm) screws.

Repeat on opposite end.



Bring in the top bench and place it on top of the bench supports.



Line up the remaining bench supports with the braces on the bottom of the top bench.

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Bench Assembly



Make sure the supports are square then secure them to the floor with 2 ½" (64mm) screws.



Secure the bench supports to the top bench from underneath using 2 ½" (64mm) screws.



Position the bottom bench on top of the lower section of the bench supports.

The braces on the bottom of the bench should be aligned with the bench supports.



Secure the bench supports to the bottom bench from underneath using 2 ½" (64mm) screws.

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Bench Assembly



Line up the top bench front enclosure with the bench supports.



Secure the top bench enclosure to the bench supports between the slats using 2 ½" (64mm) screws.



Before putting on the lower bench enclosure, slide the backrest supports behind the top bench.



Ensure they align flush behind the bench supports and secure with 2 ½" (64mm) screws.

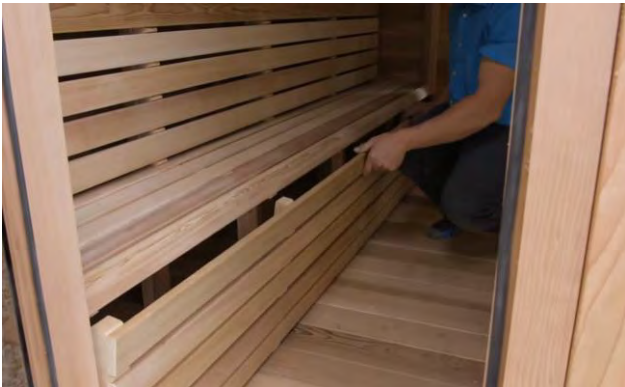
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Bench Assembly



Ensure the backrest is level on the backrest supports and secure the backrest by screwing it in between the slats using 2 $\frac{3}{4}$ " (64mm) screws.



You can now secure the lower front bench enclosure to the bench supports by screwing between the slats using 2 $\frac{1}{2}$ " (64mm) screws.

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Electric Heater Installation (Optional)



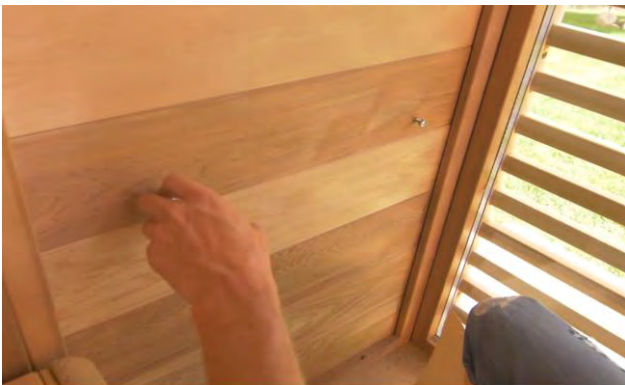
To start the installation of the electric heater, measure the width of the stove mounting holes.



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



Transfer the measurements to the side wall of the sauna where the heater will be placed.



Install the supplied support screws into your marks as shown.

Screw them in until they are about ¼" (6mm) out of the wall.

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Electric Heater Installation (Optional)



Hang the electric heater on the screws.

Screw 2 more screws in the bottom holes of the heater and once the heater is level, you can tighten up all 4 screws.

Place Rocks in heater as per heater instructions.



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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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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Vent Installation

In most cases, venting is not required for proper sauna function, however it increases air flow circulation as well as ventilation when the sauna is not in use.

Many people prefer not to install vents in prefabricated saunas.

Generally, you have access to add a vent to your sauna once assembled if it is deemed necessary.

Vent Kit Contents

Stainless Steel 3" x 7" Grill (X2)

1 ½" Stainless Steel Screws (X12)

Tools Required

Hole Saw or Drill Bit to drill holes.

Cordless Drill w/ Robertson bit.



The Location of the vent depends on the type of sauna purchased and the location of the heater. Use the following instructions as a guide to help you determine where the vent should be located.

Inlet – Low below heater

Outlet – High up at far corner away from heater

Ex. Saunas with the heater on the back wall in the middle, the inlet would go under heater on the back wall and the outlet would go high on the front wall.

Saunas with the heater on the front wall would have the inlet under the heater on the front wall and the outlet high on the back wall for maximum airflow.

For Saunas with wood heaters, get the inlet as close as possible to the wood heater and the outlet high in the opposite corner.



Inlet under electric heater on Back wall



Inlet beside wood heater on Back wall

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Vent Installation



Drill inlet holes with a 2" (51mm) hole saw under the heater close to the floor.

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

A 2" (51mm) diameter hole was used in pictures but more holes with a smaller drill size will also work)



Install 1 of the stainless-steel vent grills over the inlet holes on the outside of the sauna centered over the holes using 6 - 1 ½" (38mm) screws.



On the wall opposite the heater, close to the top, drill the outlet holes in the same manner as the previous step.

Install the cedar vent cover over the outlet holes on the inside of the sauna with a 1 ½" screw tightening the screw enough that the vent cover still rotates smoothly.



Install the other stainless-steel vent grill centered over the holes on the outside of the sauna using 6 - 1 ½" (38mm) screws.

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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

LeisureCraft 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: _____

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