

Outdoor Pure Cube Assembly Instructions



Requirements:

2 People (recommended)
Rubber Mallet
Carpenter's Level
Tape Measure
Cordless Drill
Phillips & Robertson Drill Bits
Hex Key Set
2" (51mm) hole saw
Staple Gun
1 ¼" Staples
Step Ladder

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

[View the assembly process](#) 

Manufactured by:

CU670/CU672

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Outdoor Pure Cube 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



Start the assembly of your Sauna by laying out the front and back and side base plates and the 3 – base supports.

The longer plates are the front and back of the sauna and the shorter plates are the side.



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



Center the 3 base supports and secure them through the predrilled pocket holes using 2 ½" (64mm)screws.



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

Secure the floor boards to the base using either 1 ½" (38mm) screws in the predrilled holes or 1 ¼" staples.

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Sauna Assembly



Continue adding the floor boards in the same manner for the remainder of the floor.



Place one of the wide wall panels onto one of the 4" x 4" Posts and secure with 4 of the provided 2 3/4" (70mm) Connector Lag Bolts.

Repeat for a 2nd large wall panel.

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



To start the rear wall corners, place one of the assembled panels onto the back corner of the sauna base and add another wide panel.



Secure the large panel to the 4"x4" post using the provided 2 3/4" (70mm) Connector Lag Bolts.

Repeat on the opposite corner.

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Sauna Assembly

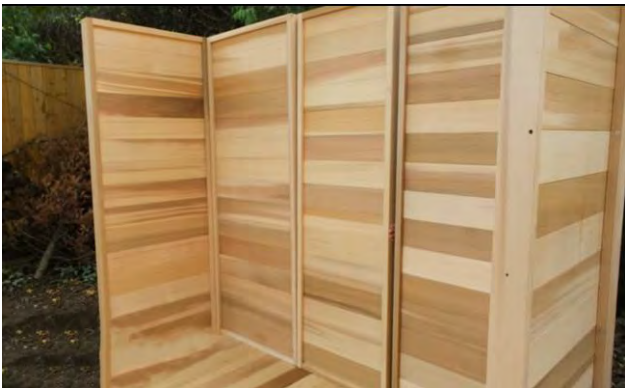


Using a tape measure, ensure that the walls stick out 1 ½" (38mm) past the base of the sauna on the back and side.

You can use a rubber mallet to tap into the correct place.



Once the assembled corner is in the correct placement, secure the panels to the sauna base using 2- 3" (76mm) screws in each panel.



Place a narrow wall panel between the two assembled corners.



Attach the narrow panel to the 2 assembled corners with the 2 ¾" (70mm) connector bolts and connector cap nuts.

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Sauna Assembly



Using a tape measure, ensure that all of the remaining assembled panels stick out 1 ½" (38mm) past the base of the sauna on the back and side.

secure the panels to the sauna base using 2- 3" (76mm) screws in each panel.



Place a second wide panel onto the side of the sauna and attach it to the corner assembly with the 2 ¾" (70mm) connector bolts and connector cap nuts.



Again ensure the panel sticks out 1 ½" from the base and then secure with 2- 3" (76mm) screws.



Place another wide wall panel onto one of the 4" x 4" Posts and secure with 4 of the provided 2 ¾" (70mm) Connector Lag Bolts.

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Place the panel on the opposite side of the sauna with the post facing the front.

Secure it to the assembled corner with 2 $\frac{3}{4}$ " (70mm) connector bolts and connector cap nuts.

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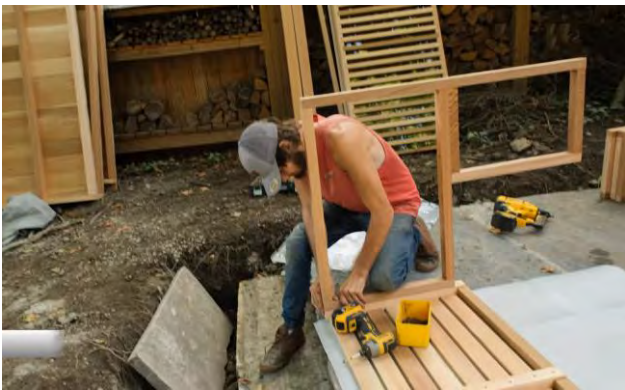
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Outdoor Pure Cube Assembly Instructions

Bench Assembly



Lay one of the long bench seats upside down on a smooth surface.

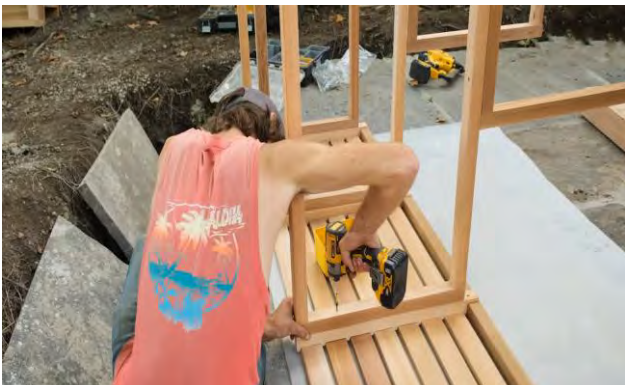


Place a bench support onto the bench.

Ensure the bottom bench support is facing the front of the bench.



Ensure the bench support is flush to the back and the side of the seat support and secure with 2- 3" (76mm) screws.



Repeat for the remaining 4 bench supports.

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Outdoor Pure Cube Assembly Instructions

Bench Assembly



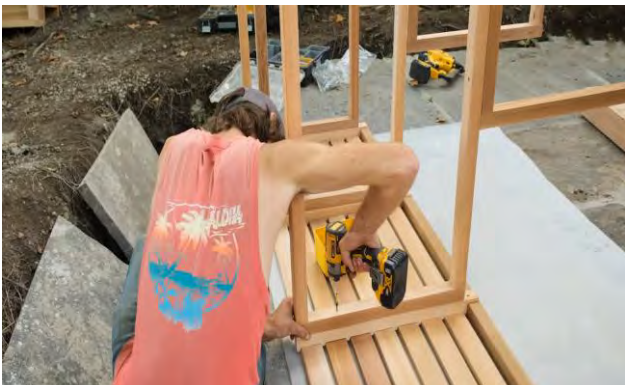
Flip the assembled bench over and lay down the bottom bench onto the bottom supports.



Secure the support to the bench seat from underneath using 2 – 4" (76mm) screws per support.



Slide the assembled bench into the sauna and place tight against the back wall.



Repeat for the remaining 4 bench supports.

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Outdoor Pure Cube Assembly Instructions

Sauna Assembly



Now place the first wide panel onto the front of the sauna.



Secure it to the 4" x 4" Post with 4 of the provided 2 $\frac{3}{4}$ " (70mm) Connector Lag Bolts.



Place the door panel next to the wide panel and secure with 4 of the provided 2 $\frac{3}{4}$ " (70mm) Connector Lag Bolts using the pre drilled holes from the wide panel into the door frame.



Using the provided 2 $\frac{3}{4}$ " (70mm) Connector Lag Bolts, secure the final 4"x4" post to the other side of the front wall.

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Outdoor Pure Cube Assembly Instructions

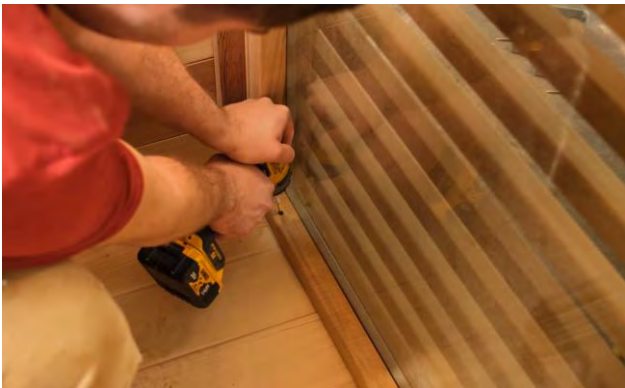
Sauna Assembly



Place the last wide wall panel between the door and the post.



Secure it to the 4" x 4" Post and the door frame with 4 of the provided 2 ¾" (70mm) Connector Lag Bolts on each side..



Ensure the front wall sticks out 1 ½" (38mm) past the sauna base and secure the panels to the floor in the same manner as before.



Lay the 3 roof panels on top of the sauna. The overhang on the panel goes to the back of the sauna.

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Outdoor Pure Cube Assembly Instructions

Sauna Assembly



Ensure the panels are flush on the front and sides.

Use a rubber mallet if required to maneuver roof panels into place.

To make the next steps easier, line the panels up as close as possible to each other.



Inside , line up the holes and fasten the roof panels together with 2 $\frac{3}{4}$ " (70mm) connector bolts and nuts.

When you have the roof panels connected, tighten up the bolts with a drill and hex key.



On the outside, with the sides and front of roof panels flush to the wall panels, secure the wall panels to the roof panels using two 2 $\frac{1}{2}$ " screws in each wall panel.



Place the side fascia pieces so that it sits $\frac{3}{4}$ " below the joint of the roof and the wall panels.

The fascia should be flush to the front wall of the sauna.

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Secure the side fascia piece from the inside of the sauna using the 2 ¾" (70mm) Connector Lag screws through the 4 pre drilled holes.

Repeat on opposite side of sauna.



Repeat the process for the front fascia piece.



Place the EPDM rubber membrane evenly over the roof.



Once the membrane is laid out evenly, tuck it along the trim and staple it to the top of the fascia trim using 1 ¼" (32mm) staples.

Continue to staple the membrane down on the 3 sides that have the trim installed.

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Use a utility knife to cut the excess rubber close to the edge of the front trim piece.

Repeat for both sides.



Place the front and side roof caps snugly over the trim pieces.



Secure the roof caps using 4 – 3" (76mm) screws per piece.

.



Use a utility knife to cut the excess rubber in the corners of the back of the sauna.

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Outdoor Pure Cube Assembly Instructions

Sauna Assembly



Cut off just enough to tuck the membrane underneath the roof panel.

If needed you can tack the membrane in place with a finishing nail or screw.



Pull the membrane tight and secure to the top wall with 1 ¼" (322mm) staples.



Trim off the excess membrane from the back.



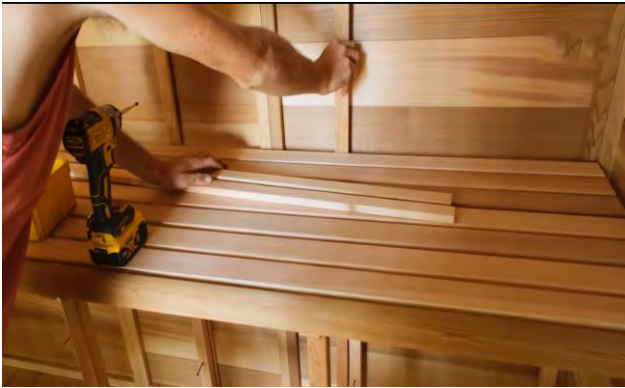
Place the back nosing snug under the lip of the roof and secure from the inside of the sauna using the 2 ¾" (70mm) Connector Lag screws through the 6 pre drilled holes.

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Outdoor Pure Cube Assembly Instructions

Sauna Assembly



On the inside of the sauna, place the short spacer boards behind each of the bench legs.



Fasten the bench brackets to the wall using 2 – 3" (76mm) screws per bracket.



Repeat the process to secure the brackets to the floor.



Bring in one of the front bench enclosures and place in between the benches.

** You can use a rubber mallet to gently tap into place.*

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Outdoor Pure Cube Assembly Instructions

Sauna Assembly



Secure the front bench enclosure to the bench supports between the slats using 3" (76mm) screws.



Repeat for the lower front enclosure.



Bring in the side enclosure for the side bench and place against the front wall.

Place the 2 tier bracket up against the front of the back bench and the small bench bracket on top of the bottom bench seat and then lay the short side wall bench on top of the brackets.



Secure the bench brackets to the bench seat using 3" (76mm) screws from underneath into the supports on the bottom of the bench.

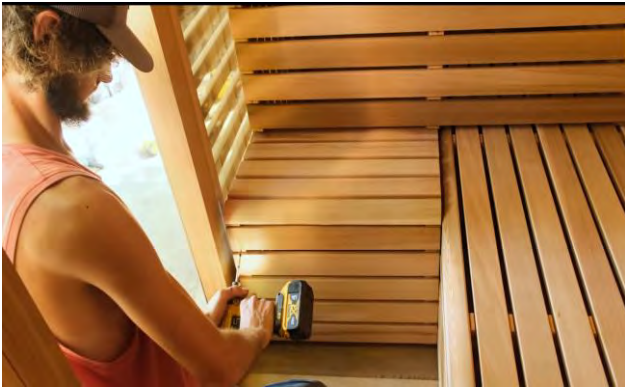
Secure brackets to the floor and back wall using 3" (76mm) screws in the same manner as the back bench earlier.

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Outdoor Pure Cube Assembly Instructions

Sauna Assembly



Secure the front bench enclosures using 3" (76mm) screws in the same manner as earlier.



Bring in the longer backrest and ensure it is level to the spacer boards and secure with a 3" (76mm) screw into each of the supports.

Repeat for the small backrest on the side wall.



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.

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Sauna Assembly



Use the 2 narrow trim pieces to cover the seam between the front wall panels and the door.

Secure with 1 ¼" (32mm) staples.



Use the larger trim pieces to cover the seams between all the remaining wall panels.

Secure with 1 ¼" (32mm) staples.



Secure with 1 ¼" (32mm) staples.

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Outdoor Pure Cube 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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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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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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Wood Stove Installation (Chimney out the side 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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Outdoor Pure Cube Assembly Instructions

Wood Stove Installation (Chimney out the side wall) (Optional)



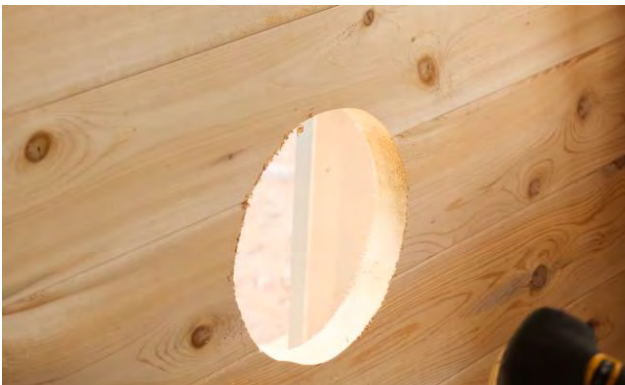
Place the stove onto the heat shield.



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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Wood Stove Installation (Chimney out the side 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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Outdoor Pure Cube Assembly Instructions

Wood Stove Installation (Chimney out the side wall) (Optional)



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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Wood Stove Installation (Chimney out the side wall) (Optional)



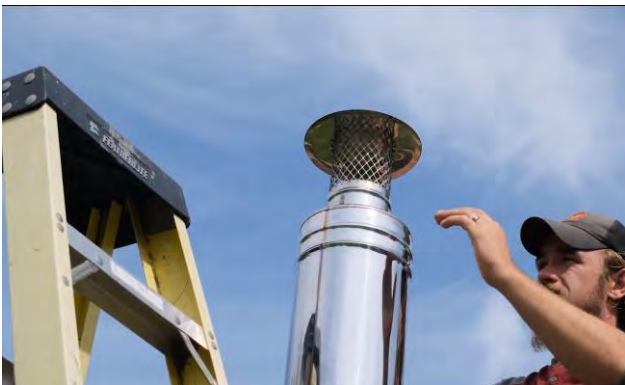
Attach the support strap around the 2 chimney pipes and tighten up.



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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Outdoor Pure Cube Assembly Instructions

Wood Stove Installation (Chimney out the side 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 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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Wood Stove Installation (Chimney out the side wall) (Optional)



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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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: _____

Manufactured by:



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