



# CU580

## Pure Cube Outdoor Sauna Assembly Instructions



### Tools Required

Carpenters Hammer

Cordless Drill

7/16" Drill Bit

11/16" Drill Bit

Hex Keys (Included)

Tape Measure

Step Ladder

Rubber Mallet

Level

Utility Knife

Hand Stapler (Optional)

# CU580 Pure Cube

## Outdoor Sauna Assembly Instructions

***Before you begin the installation of your Pure Cube Sauna, Please read these instructions completely.  
Make sure the placement for your sauna is level and on a solid base.***

### Parts Identification

The pure cube Outdoor sauna is available in 2 sizes,

- CU550 - 5' x 5' (1.54m x 1.54m)
- CU580 - 5' x 8' (1.54m x 2.43m)

The Pure Cube Sauna consists of 2 different sizes of wall panels that are available in either;

- solid cedar (privacy)
  - Glass
- wood/glass (semi-privacy)



Privacy panels  
(shown in large and small panels)



Glass panel  
(shown in large panel)



Semi-privacy panel  
(shown in large panel)



Roof Panel  
(overhang on back)  
CU550 model – 2 Roof Panels  
CU580 – 3 Roof Panels



Corner Posts



Corner & Wall Trim  
(wall trim quantity will depend on model of sauna)

***\*Always ensure that you have the correct screw length so that there will be enough thread to hold, and especially, so that the screw does not go all the way through the material and come out the other side.***



# CU580 Pure Cube Outdoor Sauna Assembly Instructions

## Parts Identification (Cont..)



Floor Joists  
2- Ends  
2- Sides  
3- Middle Joists



Floor Boards  
( The number of floor boards will vary  
on the size of the Sauna)



Backrest



Top  
Bench



Bottom  
Bench

Bench Seats



Bench Front Enclosures



Bench Brackets



Electric Heater & Guard



Wood Stove

## Hardware



2 ½" (63mm)  
Finishing Nails



2 ½" (63mm)  
Wood Screws



2 ¾" (70mm)  
Connector Bolts



Threaded Cap  
Nuts



2 ¾" (70mm)  
Connector Lag Bolts

# CU580 Pure Cube

## Outdoor Sauna Assembly Instructions

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



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



Space out the floor joists evenly.



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





# CU580 Pure Cube

## Outdoor Sauna Assembly Instructions

Gather your tongue and groove floor boards.

Start with the floor board with a straight edge on the back, insert the floor boards into the frame ensuring that they are tight by tapping them together with a rubber mallet.



Fasten the floor boards into the floor joists and the inner floor joists with 1 ½" (38mm) screws.



Continue adding the floor boards in the same manner.



You may have to finesse the last board into place.



# CU580 Pure Cube Outdoor Sauna Assembly Instructions

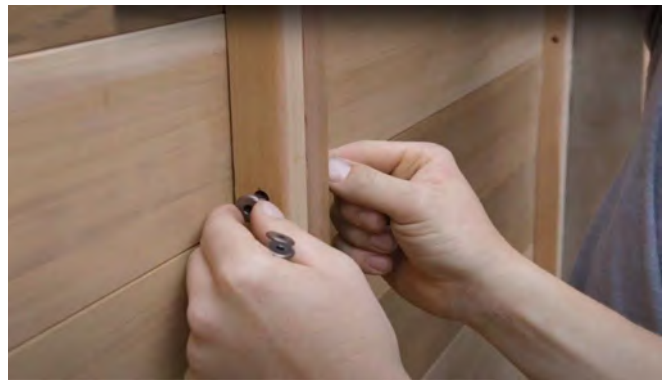
(In this example we started the assembly of the sauna at the side wall. You can start at a corner to make panels free standing, following the same steps in this manual.)

To start the assembly of the walls, bring 2 of the back wall panels together.



Connect the wall panels together using 2 ¾" (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.



Bring in the other wall panel and repeat the process.



Bring a wide panel and thinner panel in to make the end wall.

Assemble the walls together using the same procedure as the back wall.

Note placement of the narrow panel will be towards the front of the sauna as it will be where the electric heater is mounted.





# CU580 Pure Cube

## Outdoor Sauna Assembly Instructions

Bring in one of the corner posts and align it flush to the 2 assembled walls.

Secure the walls to the post using the 2  $\frac{3}{4}$ " (70mm) Connector lag screws through the pre drilled holes.



Secure the side wall to the post in the same manner ensuring that the outside of the wall is flush to the post.



Attach another corner post to the front of the side wall and the other end of the back wall in the same manner as the previous corner post.



Position the walls onto the base ensuring there is 1  $\frac{1}{2}$ " (38mm) overhang on each side.



# CU580 Pure Cube

## Outdoor Sauna Assembly Instructions

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 pre drilled holes.



Align the glass door up so it is flush to the side wall panel.



Secure the side wall panel to the glass door using the 2  $\frac{3}{4}$ " (70mm) Connector lag screws through the pre drilled holes.



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

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





# CU580 Pure Cube

## Outdoor Sauna Assembly Instructions

Using an 11/16" (18mm) bit, drill approximately 3/4" (19mm) into your pre drilled holes to create a cavity for the plugs to sit in later.



Secure the door frame to the last corner post using the 2 3/4" (70mm) Connector lag screws through the pre drilled holes.



Line up one of the window panels flush to the corner post and secure it using the 2 3/4" Connector lag screws through the pre drilled holes.

Note that these panels may be either full glass or semi privacy panels, depending on what was ordered. They can also be located in any of the positions on the front wall.



Make sure the next window panel is flush to the first one and fasten it together with 2 3/4" (70mm) connector bolts and a connector cap nut.

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



# CU580 Pure Cube

## Outdoor Sauna Assembly Instructions

Repeat the previous step to attach the last glass panel to the other one.



Once the front panels are assembled together, secure the last panel to the corner post in the same method as previous steps.



Install the door plugs by pushing them into the pre drilled holes then tapping them in tight with a rubber mallet.



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.



# CU580 Pure Cube

## Outdoor Sauna Assembly Instructions

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



Make sure that the sauna overhangs 1 ½" (38mm) on all sides.



Once the sauna walls are overhanging 1 ½" (38mm) on all sides of the floor, use 2 ½" (64mm) screws to secure to the base through the pre drilled holes.  
Continue this on each panel of the sauna.  
Use 2 screws in the wide panels and 1 screw in the narrow panels.



Start placing the roof panels on top of the sauna.

Note that the roof panels are tapered , the larger end goes towards the front (glass panels) of the sauna.





# CU580 Pure Cube

## Outdoor Sauna Assembly Instructions

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 ¾" (70mm) connector bolts and connector cap nuts.



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



Line up the roof panels to the edge of the walls and secure using 2 ½" (64mm) wood screws.

Continue to do this all the way around the sauna.



# CU580 Pure Cube Outdoor Sauna Assembly Instructions

With a helper, place the front trim piece so the bottom of the trim is  $\frac{1}{2}$ " (13mm) above the top of the windows.  
Ensure that the trim overhangs evenly on both sides of the sauna.  
(1  $\frac{1}{2}$ " ) (38mm)



Repeat the same process with the side trim piece on either side.



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)



# CU580 Pure Cube

## Outdoor Sauna Assembly Instructions

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



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 the supplied finishing nails, secure the roof caps into place.





# CU580 Pure Cube

## Outdoor Sauna Assembly Instructions

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



Cut off the excess from the back.



Tuck the membrane under the lip of the roof and secure with a finishing nail.  
Repeat at the other end.



Place the back trim piece up 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.



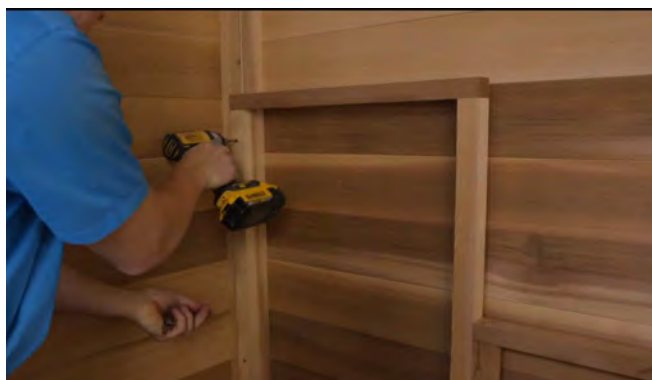
# CU580 Pure Cube

## Outdoor Sauna Assembly Instructions

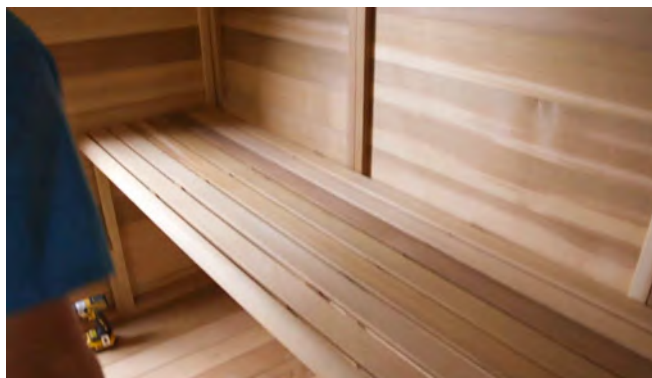
Bring in your bench supports and place 1 support at either end of the back wall.



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 other 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.



# CU580 Pure Cube

## Outdoor Sauna Assembly Instructions

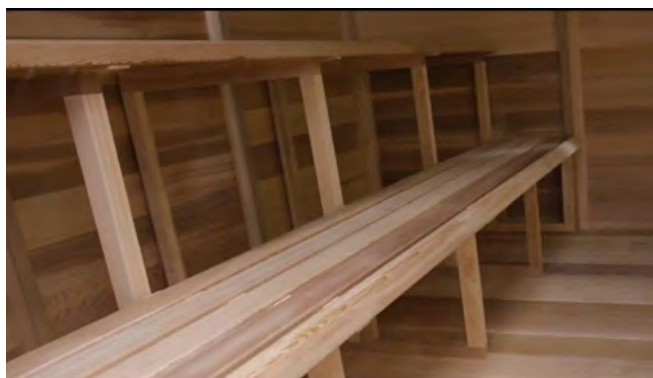
Make sure the supports are square then secure them to the floor with 2 ½" (64mm) screws.



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.





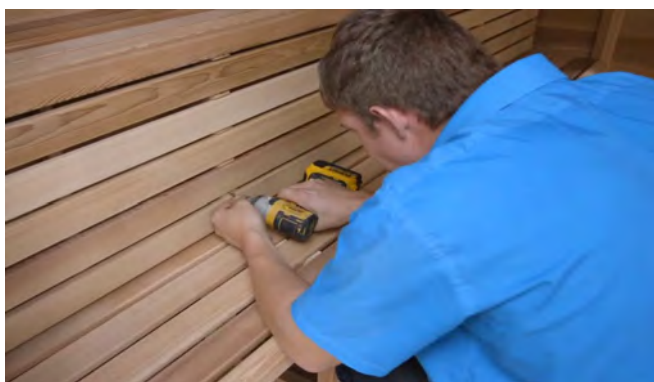
# CU580 Pure Cube

## Outdoor Sauna Assembly Instructions

Line up the bench front enclosure with the bench supports.



Secure the Front 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.



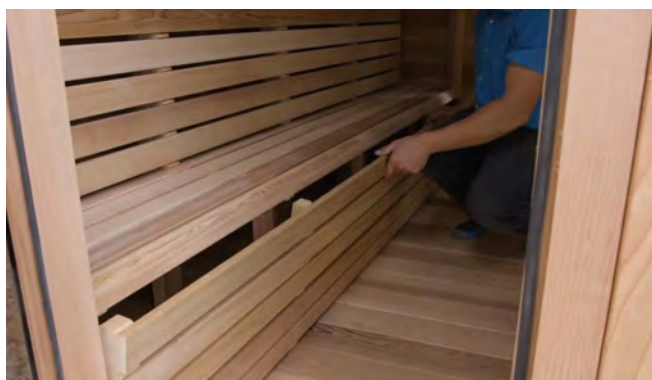
# CU580 Pure Cube

## Outdoor Sauna Assembly Instructions

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.



# CU580 Pure Cube

## Outdoor Sauna Assembly Instructions

If you have ordered a harvia wood heater, skip past these next 2 pages.

To install the electric heater, measure out where the supports will go. These are usually 14 ¾" (37cm) high and 14 ¾" (37cm) centered between the bench and the front wall.



Install the supplied support screws into your marks as shown. Screw them in until they are about ¼" (6mm) out of the wall.



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.





# CU580 Pure Cube Outdoor Sauna Assembly Instructions

Locate the pieces for your heater guard.

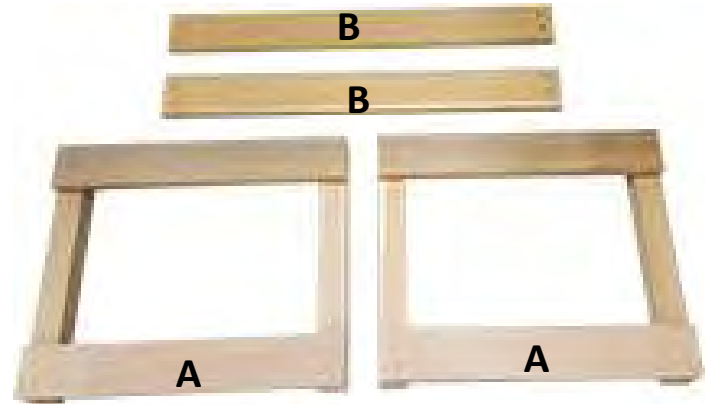
They consist of the following:

(A) 2 - Assembled side pieces

(B) 2 - heater guard support

4 – 2 ½" (64mm) screws

8 – 1 ½" (38mm) screws



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

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



Assemble remaining heater guard support (B) to the 2 ends in the same manner as previous step.



Place assembled heater guard around electric heater and screw to wall using (4) 2 ½" (64mm) screws.

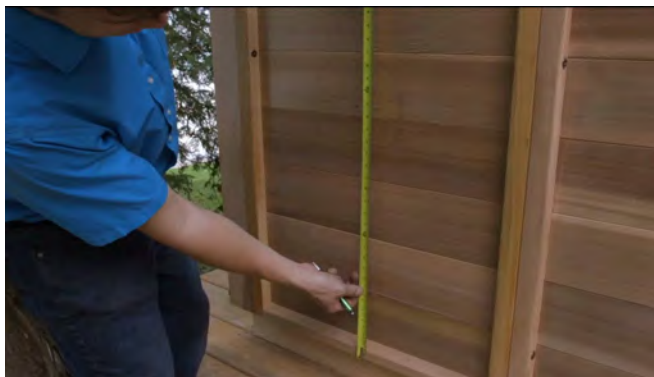
***\*Make sure heater guard is level before securing.***



# CU580 Pure Cube Outdoor Sauna Assembly Instructions

**(Skip the next 5 pages if you ordered an electric heater)**

To install the Harvia heater, measure 22 ½" up from the bottom of the small wall panel to find your center mark. Measure 10 ¼" from the side to get it centered between the panel.



In your preferred method, draw a circle ¼" (6mm) larger than the diameter of the extension pipe.



Start a hole inside your circle with a drill bit or other method, then use a reciprocating saw or jig saw to cut out the circle as neat as possible.



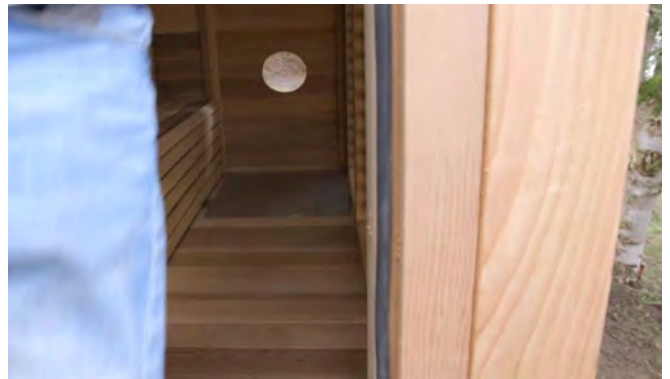
Prior to installation, remove the protective film from the stainless steel pieces.



# CU580 Pure Cube

## Outdoor Sauna Assembly Instructions

Install the floor plate against the wall under the hole for the chimney pipe.



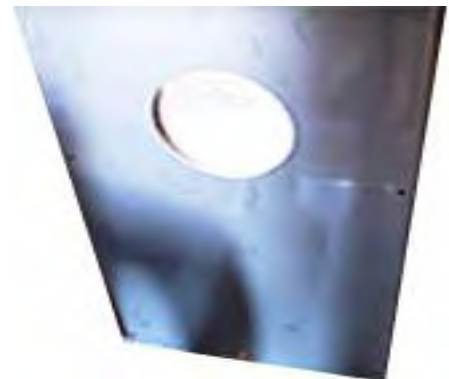
Remove the rear chimney cover from the stove.



Insert the Chimney adapter into rear hole tapping with a rubber mallet until it is snug.



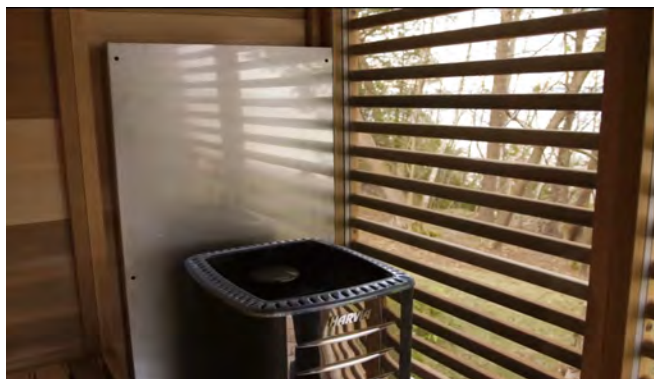
Install back wall shield centered over chimney hole with 1 ½" (38mm) screws.





# CU580 Pure Cube Outdoor Sauna Assembly Instructions

Bring the stove in and slide the adapter through the hole in the shield and wall.



Attach the smoke adapter to the short insulated pipe with the provided screws.



Slide the assemble pipe through the hole and into the stove.



Insert the "T" connector to the short connector ensuring it is straight.

Secure with provided screws.



# CU580 Pure Cube

## Outdoor Sauna Assembly Instructions

Install the long insulated pipe onto the “T” connector.



Secure together with the provided screws.



Wrap the chimney support strap around chimney and use the provided nut and bolt to secure.

***\*Snug up only hand tight***



Attach chimney support braces to the support strap and thread the nuts on hand tight.



# CU580 Pure Cube

## Outdoor Sauna Assembly Instructions

Now attach the chimney support braces to the sauna using 1 ½" (38mm) screws.

Ensure not to screw into any seams.



With the nuts on the side of the straps loose, level up the chimney pipe.

Tighten up the chimney support brackets with a 7/16" (11mm) socket or wrench until snug.



Tighten up the chimney support brackets with a 7/16" (11mm) socket or wrench until snug.



Attach the chimney cover plates starting with the bottom plate, using 1 ½" (38mm) screws ensuring the top plate overlaps the bottom and that they are level





# CU580 Pure Cube

## Outdoor Sauna Assembly Instructions

***\*Top Plate should overlap the bottom plate.***



Attach the rain guard to top chimney piece and secure with provided screws.



Attach chimney top onto the chimney and secure them together with the provided screws.



# CU580 Pure Cube

## Outdoor Sauna Assembly Instructions

Install the door plugs in the holes in the door frame.  
Use a rubber mallet to ensure they are tight.



Attach the wider trim pieces over the seams of the sauna  
using the provided finishing nails.



Use the thinner trim pieces for either side of the door.



**Congratulations on the assembly of your new  
Outdoor Pure Cube Sauna !**

# Dundalk LeisureCraft

## Vent Kit Assembly Instructions

(Optional)

*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 pre fabricated 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)

Cedar Vent Cover

1 ½" Stainless Steel screws (X13)

### Tools Required

Hole saw or drill bit to drill holes

Cordless Drill

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 holes drilled under electric heater on side wall*



*Outlet vent high on opposite wall of heater.*



# Dundalk LeisureCraft

## Vent Kit Assembly Instructions

(Optional)



If an electric heater is chosen, Drill inlet holes centered under the heater close to the floor.

***\* 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 1 ½" screws. (38mm) (6pcs)



On the wall away from 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.

***\* Tighten screw enough that the vent cover still rotates smoothly.***



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

# Dundalk LeisureCraft

## Sauna Light Assembly Instructions

(Optional)



You can choose to install the light inside the sauna where you prefer. (if ordered)

*(Light shown with optional light shade)*



You can also install on the ceiling.  
( Do not install light where you may hit your head on it)

Installing the light under one of the benches can create a relaxing ambiance within the sauna that many customers enjoy.



Recommend low profile "pancake box" rather than standard octagon box. This can be surface mounted flush inside of the sauna with light fixture fitting over the box.

### PRODUCT MAINTENANCE:

1. To clean the outside of the fixture, use a dry or slightly dampened clean cloth (use clean water, never a solvent) to wipe the surface of the fixture.
2. To clean the inside of the fixture, first disconnect power to the fixture by turning off the circuit breaker or by removing the fuse at the fuse box. Next, use a dry or slightly dampened clean cloth (use clean water, never a solvent) to wipe the interior surface of the fixture.
3. Do not use any cleaners with chemicals, solvents or harsh abrasives. Use only a dry soft cloth to dust or wipe carefully.

## 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: \_\_\_\_\_