



CU580D

Pure Cube Outdoor Sauna with Shower Assembly Instructions



Tools Required

Carpenters Hammer

Cordless Drill

Hex Keys (Included)

Tape Measure


Step Ladder

Rubber Mallet

Level

Utility Knife

Hand Stapler (Optional)

Watch the assembly video on  here
<https://www.youtube.com/watch?v=K3haT6vqCHM&t=78s>

Outdoor Sauna with Shower 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 CU580D Pure Cube Sauna consists of 2 different sizes of wall panels that are available in either;

- Solid Cedar (privacy)
 - Glass
- Wood/Glass (semi-privacy)



Fully Assembled
Glass Door



(2)- Glass panels



Semi-privacy panel
(optional)



Privacy panels
(4) 33 ½" Large Panels
(1) 25 ¾" Small Panel
(1) 30" Shower Wall Panel



Louver Panels
(1)- 33 ½" Large Panel
(1) 25 ¾" Small Panel



(3) Roof Panels
(overhang on back)



(4)-Corner Posts
(2)-Shower Corner Posts



Corner & Wall Trim

****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.***

Outdoor Sauna with Shower Assembly Instructions

Parts Identification (Cont..)



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



(13) Full Floor Boards
(1) Thinner Floor Board



Backrest



Top
Bench



Bottom
Bench

Bench Seats



Bench Front Enclosures



(4)-Bench Brackets



EMPD Membrane



Premium Shower Hardware
(Hot & Cold)
(optional)



Economy Shower Hardware
(Cold only)
(optional)



Wood Stove
(optional)



Electric Heater & Guard
(optional)

Hardware



2 1/2" (63mm)
Finishing Nails



2 1/2" (63mm)
Wood Screws



2 3/4" (70mm)
Connector Bolts



Threaded Cap
Nuts



2 3/4" (70mm)
Connector Lag Bolts

Outdoor Sauna with Shower 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.
Repeat for all 4 corners.



Use a measuring tape to space out the floor joists evenly.



Once the floor joists are spaced out evenly, secure them
through the pre drilled pocket holes using
2" (51mm) screws.



Outdoor Sauna with Shower Assembly Instructions

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.

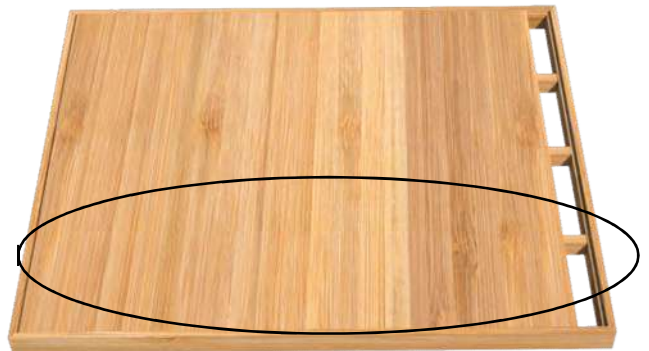


Fasten the floor boards into the floor joists and the inner floor joists with 1 ½" (38mm) screws.



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

The benches will later cover the first 2 rows of screws.



Continue adding and securing the floor boards to the floor joists.



Outdoor Sauna with Shower Assembly Instructions

To start the assembly of the walls, bring in a 33 ½" solid privacy panel and 1 corner post.

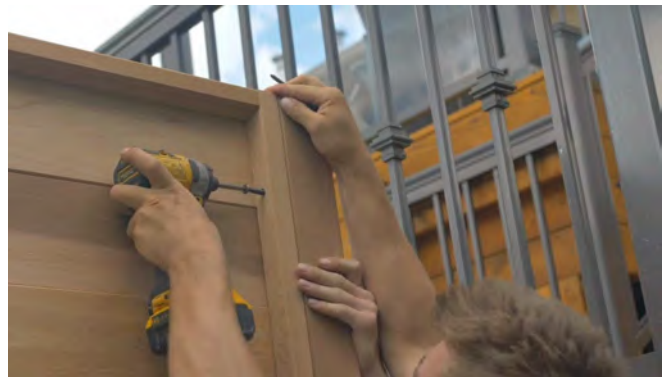


Line up the corner post to the back corner of the solid privacy panel.



Secure the corner post to the panel using the provided 2 ¾" (70mm) Connector Lag Bolts.

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



Fasten a 33 ½" solid privacy panel to the corner post.

Fasten the panel and post together in the same manner as the previous step.



Outdoor Sauna with Shower Assembly Instructions

Attach a 25 ¾" panel to the larger side wall panel using the 2 ¾" (70mm) Connector bolt and nut through the pre drilled holes.



Secure the second 33 ½" solid privacy panel to the previous back wall panel using 2 ¾" (70mm) Connector bolt and nuts through the pre drilled holes in the same method as the previous step.



Attach a corner post to the back wall using the provided 2 ¾" (70mm) Connector Lag Bolts and then secure a 33 ½" solid wall panel to the post.



Bring in your glass panel to start the assembly of your front wall.

****This will be either a full glass panel or semi privacy panel.***



Outdoor Sauna with Shower Assembly Instructions

Line the panel up flush to the post.

Secure the glass panel to the post using the provided 2 $\frac{3}{4}$ " (70mm) Connector Lag Bolts.



Bring in the second glass panel and attach the panels together using the 2 $\frac{3}{4}$ " (70mm) Connector bolt and nut through the pre drilled holes.



Attach a corner post to the glass panel in the same method as previous steps.



Place the glass door flush to the corner post and wall panel and secure with 2 $\frac{3}{4}$ " (70mm) Connector Lag Bolts.



Outdoor Sauna with Shower Assembly Instructions

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.



Bring in the 30" wide shower wall panel and secure it to the corner post using the provided 2 3/4" (70mm) Connector Lag Bolts.



Attach a shower corner post to the wall panel with the 2 3/4" (70mm) Connector lag screws through the pre drilled holes.



Outdoor Sauna with Shower Assembly Instructions

Line up the 33 ½" (large) louver panel to the shower post using the 2 ¾" (70mm) Connector lag screws through the pre drilled holes.



Attach the smaller louver panel to the large panel using the 2 ¾" (70mm) Connector bolt and nut through the pre drilled holes.



Attach the last shower corner post to the louver panel.



Using a tape measure, ensure that the walls stick out 1 ½" past the base of the sauna on the front and back and both sides.

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



Outdoor Sauna with Shower Assembly Instructions

Lay the 3 roof panels on top of the sauna.

The overhang on the panel goes to the back of the sauna.



Ensure the panels are flush on the front and sides.

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 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 ½" screws in each wall panel.

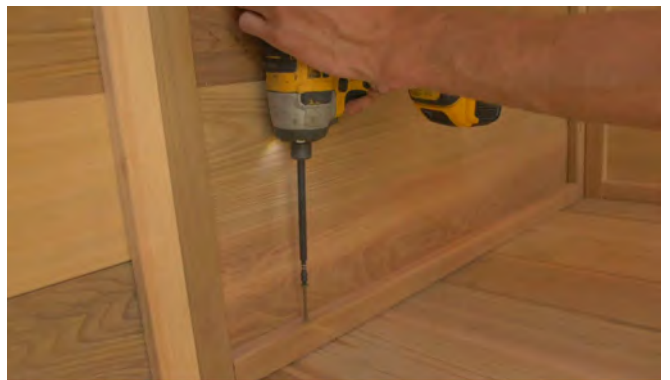


Outdoor Sauna with Shower Assembly Instructions

On the inside of the sauna, secure the wall panels to the floor using two 2 ½" screws in each wall panel.



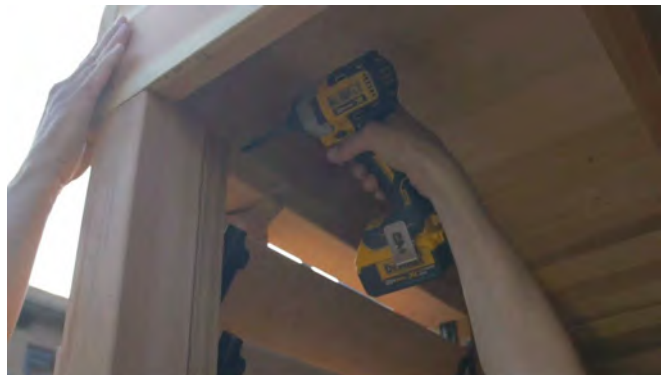
Continue securing all the wall panels to the floor.



Place 1 of the side trim pieces so that it sits ¾" below the joint of the roof and the wall panel.



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



Outdoor Sauna with Shower Assembly Instructions

Repeat the process with the trim above the front windows and the remaining side in the same manner ensuring that the trim is $\frac{3}{4}$ " below the joint of the roof and wall panels.



Lay out the EPMD Membrane evenly over the roof panels.



Once the membrane is laid out evenly, tuck it along the trim and staple it to the top of the fascia trim.



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



Outdoor Sauna with Shower Assembly Instructions

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 roof cap atop the trim on the front of the sauna.



Nail the roof cap to the trim using the provided 2 ½" (63mm) finishing nails.

Repeat for the 2 side roof caps.



Place the back trim snug under the lip of the roof and secure with a 2 ½" screw on each end.



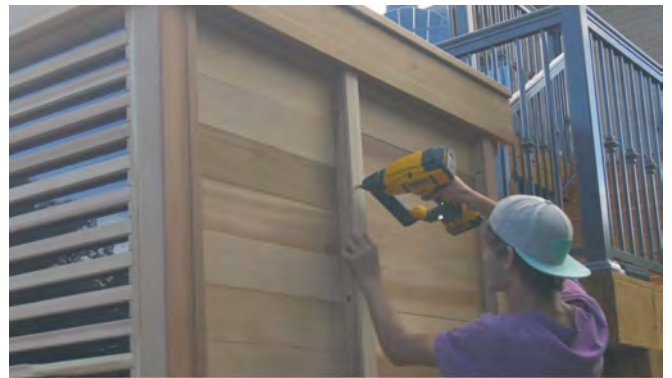
Outdoor Sauna with Shower Assembly Instructions

Secure the back trim piece from the inside of the sauna using the 2 ¾" (70mm) Connector Lag Bolts through the pre drilled holes.



Secure the wall trim pieces over the seams of the wall panels with a staple gun or finishing nails.

****Ensure they are flush before fastening.***



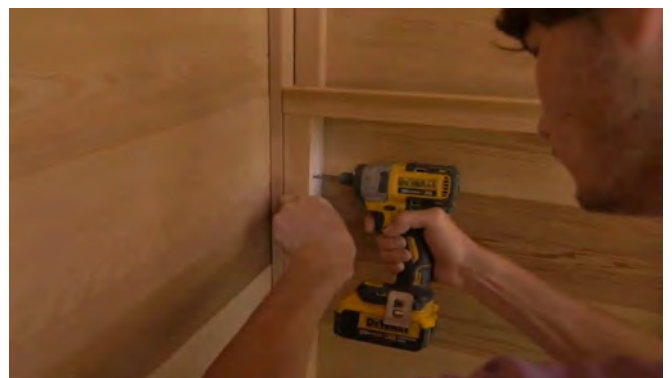
To start the assembly of the benches, bring in 2 of the bench supports and place at both ends of the sauna.



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 2 more bench brackets and place them centered in between the outer brackets.



Outdoor Sauna with Shower Assembly Instructions

Place the top bench on top of the bench supports.

** This is the wider bench*



Secure the top bench to the outer bench supports from underneath using 2 ½" screws



Line the inner bench supports up to the slat supports on the top bench and secure with 2 ½" screws.

Ensure the bench support is square and then fasten to the floor.



Repeat the same process to attach the bottom bench.



Outdoor Sauna with Shower Assembly Instructions

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



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

Fasten inner bench supports to the floor.



Place 1 of the bench enclosures in between the benches.

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



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

Repeat for the lower front enclosure.



Outdoor Sauna with Shower Assembly Instructions

Bring in the backrest.

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.



Outdoor Sauna with Shower Assembly Instructions

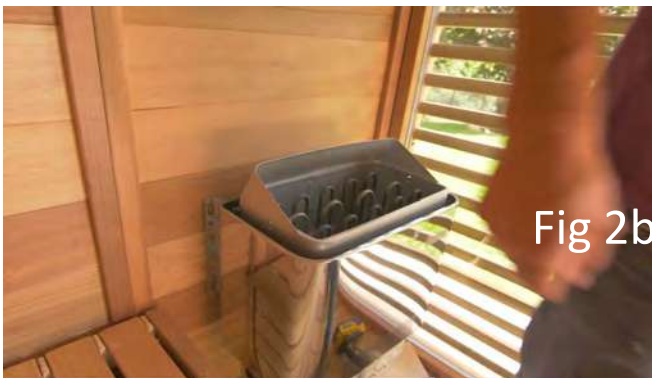


If you have ordered a harvia wood heater, skip past these next 2 pages.

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.

Place Rocks in heater as per heater instructions.

Outdoor Sauna with Shower Assembly Instructions

Locate the pieces for your heater guard.

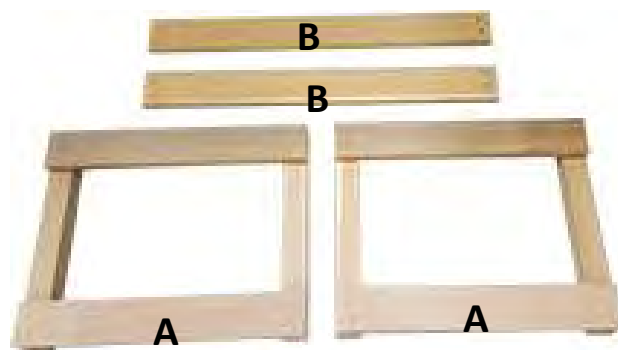
They consist of the following:

(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.



Fig 2a

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

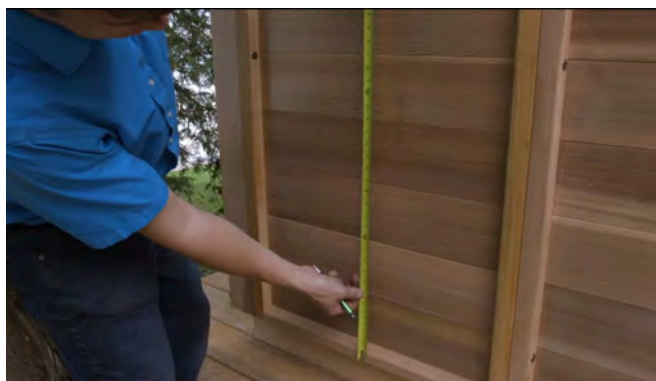


Fig 2b

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.***

Outdoor Sauna with Shower 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.

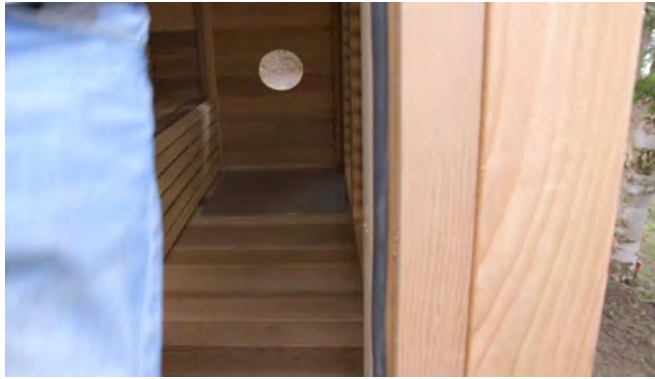


Start a hole inside your circle with a drill bit or other method, then use a reciprocating saw or jig saw to cut out the circle as neat as possible.



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

Outdoor Sauna with Shower Assembly Instructions



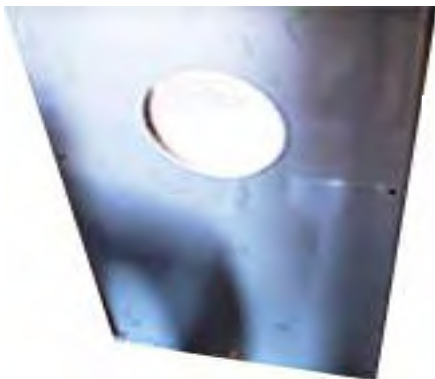
Install the floor plate against the wall under the hole for the chimney pipe.



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.

Outdoor Sauna with Shower 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.

Outdoor Sauna with Shower 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.

Outdoor Sauna with Shower 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

Outdoor Sauna with Shower Assembly Instructions



**Top Plate should overlap the bottom plate.*

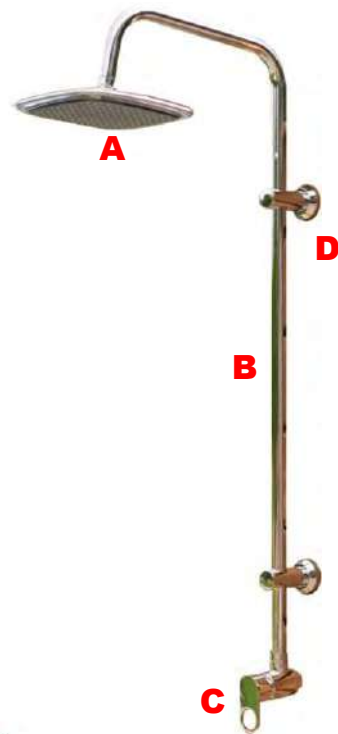
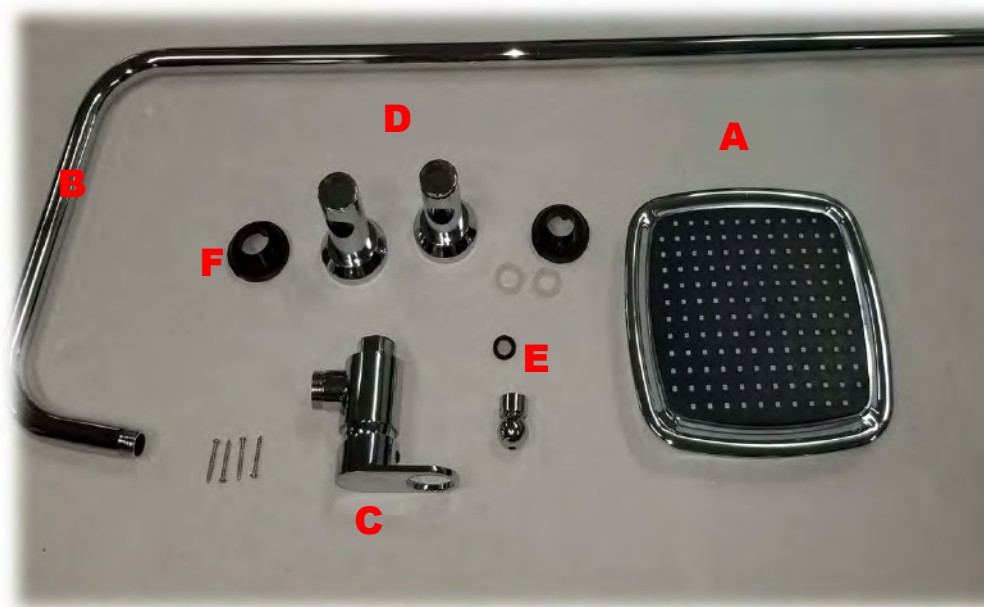


Attach the rain guard to top chimney piece and secure with provided screws.



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

Pure Cube Outdoor Sauna with Shower Economy Shower Hardware



Contents

- A - Shower Head
- B - Shower Pole
- C - Handle Assembly
- D - Shower Supports
- E – Hardware
- F- Threaded Support Flanges

Requirements

- Thread tape
- Small level
- Measuring tape
- Drill and drill bit
- Adjustable wrench or crescent wrench

Before You Begin!

Rubber washers go in each connection, ensure they do not fall out in assembly.
Use plumbers thread tape for connections where needed.

****Ensure to drain the shower completely in cold temperatures to prevent water from freezing inside hardware causing irreparable damage.***

Pure Cube Outdoor Sauna with Shower

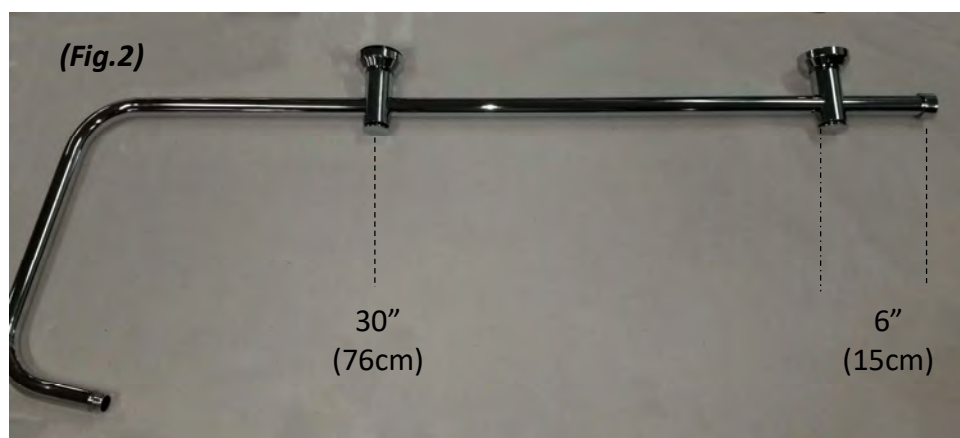
Economy Shower Hardware



Start the assembly of your economy shower hardware kit by unscrewing the threaded caps on the top of the shower supports.

(Fig. 1)

Slide the shower supports (D) onto the shower pole.(B)



Tighten the supports at approximately 6" (15cm) and 30" (76cm) from the bottom end of the shower pole by turning the threaded caps back in. (Fig. 2)



Position the shower assembly where you would like it to go.

Mark the location of the shower supports. (Fig. 3)

Once you have your marks, screw the threaded support flange to the shower.

Pure Cube Outdoor Sauna with Shower Economy Shower Hardware



(Fig.4)

Measure 24" (60cm) from the bottom support flange and mark with a pencil.

Ensure top support flange is level with the bottom and screw into place with the provided screws. (Fig.4)



Thread the handle assembly (C) onto the shower pole (B).

Tighten with a wrench.



Measure the distance from the bottom support flange to the hose hook up on the handle and drill a hole in the shower large enough for your plumbing to go through to attach to the handle assembly.

Pure Cube Outdoor Sauna with Shower Economy Shower Hardware



Place the swivel pivot connector into the shower head and tighten up the nut with a wrench.



Tighten the shower head onto the shower Pole.



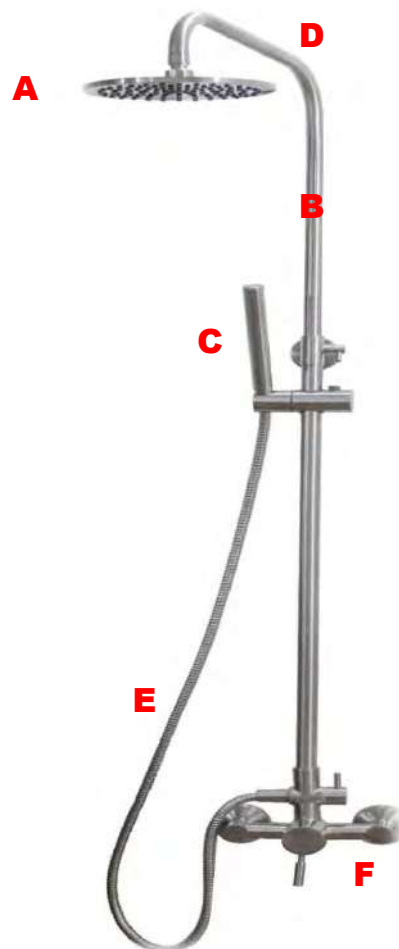
Hook up your water
And
enjoy your Shower!

Pure Cube Outdoor Sauna with Shower Premium Shower Hardware



Contents

- A- Shower Head
- B- Shower Pole with Wand Holder
- C- Wand
- D- Shower Top
- E- Hose
- F- Handle Assembly
- G – Shower Support
- H Shower Handle Flanges
- I- Adapters(2)
- J- Hardware



Before You Begin!

Rubber washers go in each connection, ensure they do not fall out in assembly.
Use plumbers thread tape for connections where needed.

****Ensure to drain the shower completely in cold temperatures to prevent water from freezing inside hardware causing irreparable damage.***

Pure Cube Outdoor Sauna with Shower Premium Shower Hardware

Handle Assembly (F)



(Fig. 1)



Start the assembly of your premium shower hardware kit by attaching the shower pole (B) to the top threads of the handle assembly (F).

(Fig. 1)

Tighten with wrench if needed.

Shower Hose (E)



Wand

Handle



(Fig. 2)

Locate the Shower Hose (E)

Note that the hose has 2 different ends on it.

The end with the nut attaches to the handle while the rounded end attaches to the shower wand. (Fig. 2)

(Fig. 3)



Unscrew the plastic cap on the end with the hex nut.

(Fig. 3)

(Fig. 4)



Secure to the threaded stem on the side of the shower handle. (Fig. 4)

Tighten with wrench if needed.

Pure Cube Outdoor Sauna with Shower Premium Shower Hardware



(Fig. 5)

Unscrew the plastic cap on the rounded end and thread on the shower wand. **(Fig. 5)**



Attach the shower top to the shower pole.

This will require a bit of pressure to get the threads started.

Screw on shower head to the Shower top.



Insert the rubber washers into the shower handle and thread the adapters in.

Use wrenches to tighten.

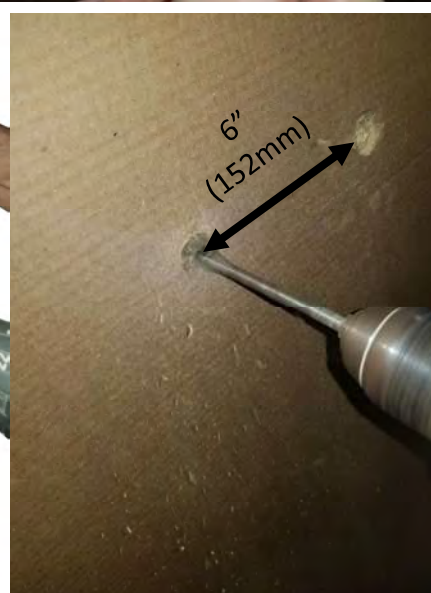
Both adapters should be in the same position in each opening.



Pure Cube Outdoor Sauna with Shower Premium Shower Hardware



Locate the desired height for your shower handle. Locate the center point then measure 3" (76mm) from it each way. **(Fig. 6)**



With your hole locations marked, drill through the board using a bit large enough that the adapter will fit through.

Repeat for the second hole in the same manner.

Holes should be 6" (152mm) centered.



Loosen the set screws on the shower support with the provided hex key.

Slide the shower support over the stem on the shower pole.

Do not tighten yet.

Pure Cube Outdoor Sauna with Shower Premium Shower Hardware



Place the adapters on the back of the shower handle into the drilled holes and level up the shower assembly.

Using a pencil, make a mark in each of the slots in the shower support.



Using the provided screws, fasten the shower support to the wall of the shower. Slide the shower support cover over the shower support.



Insert the stem of the shower pole back into the shower support, ensure the pole is straight and then tighten the set screws.

Hook up your water lines to the adapters in the back and enjoy your shower.

Pure Cube Outdoor Sauna with Shower 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.

Pure Cube Outdoor Sauna with Shower

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)*



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 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)



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

Pure Cube Outdoor Sauna with Shower 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.

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: _____