



Dundalk LeisureCraft

Outdoor Cabin Sauna Assembly Instructions

Please read and understand the complete instructions prior to assembly and use of your sauna. Customer agrees not to hold Dundalk LeisureCraft Inc. and any of its authorized dealers liable for improper installation, maintenance and repair of this product.



Requirements:

- 2 People (recommended)
- Rubber mallet
- Hammer
- 6' Step Ladder
- Drill (cordless recommended) We supply the bit.
- 7/16" wrench
- Carpenter's Level

View the assembly process on  (see last page)



Site Preparation:

The site where your sauna is to be installed must be stable and drain well so that it won't be shifted by winter freezing. Crushed gravel or concrete slabs can be used but a cedar or pressure-treated deck is best.

Floor:

Find the two floor sub-assemblies and screw them together using the supplied 2½" Kreg Screws.



Make sure the four T-nuts are installed into the 4 holes in the floor corners. Tap them in fully with a hammer if they are not already in place.

Flip the assembled floor over and position it where you would like your sauna to be.

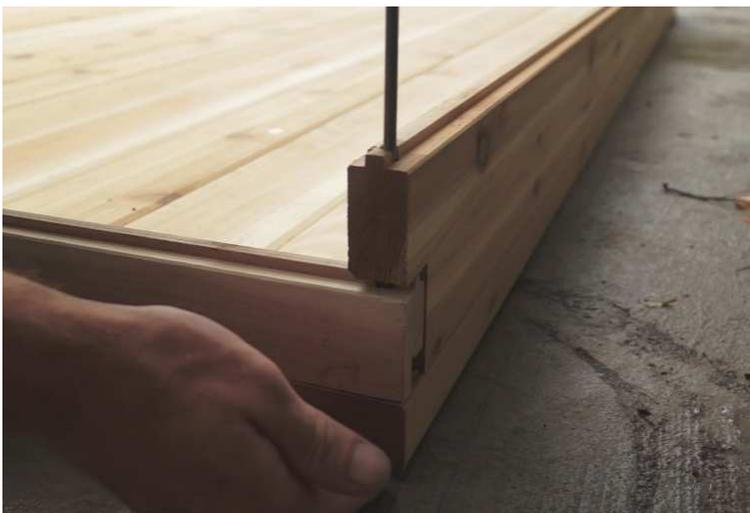


Walls:

Find the bottom wall boards. All four of them have a recess on the inside bottom edge to mate with the edge of the floor.

The side wall bottom boards will be about half the height of the front and back bottom wall boards.

Fit the bottom wall boards into place on the floor and insert the threaded rods into the holes in the corners. Make sure that the rods are all threaded in flush with the bottom of the T-nuts.





Now with all four threaded corner rods in place, build the walls, starting with the side wall pieces, sliding them down over the rods.

Notice that there is a specific inner and outer face all wall boards. The inside has a 2 mm recess on the end. The recess is made to overlap the joint in the inside corner after assembly. That will be discussed in more detail later in this assembly guide.



Start with the side wall boards, sliding them down over the threaded rods through the holes in the ends, and tapping them down with your hand so that the tongue-and-groove edges of the board mate fully.



From here on all wall boards have a groove in the bottom instead of just being flat.



Install the first Front and Rear wall boards, which are full-width. Then install one side wall board on each side.

2nd row: Next a full-width rear wall board, and then a special front wall board that is made in two short pieces to accommodate the pre-hung door.

Continue to put the wall boards in place, alternating between side boards, and Front/Back wall boards. Remembering to tap each board down to ensure that the tongue-and-groove edges are mated fully.





Continue building up the walls in this fashion, paying attention to the orientation of the pieces cut short for door and window openings.

If you ordered window options, the level of wall board the window openings will begin at depends on the type and location of the window. For the standard two-windows-on-either-side-of-the-door option will begin with a board with a notch being installed on the **third row** of front wall.

After installing three levels of the front wall boards, set the pre-hung door assembly into the cut-out in the front wall. Pay attention to the side of the pre-hung door assembly that the hinges are on. This will determine which way the door swings open. This is the time to choose.



Continue to build up the walls, alternating between Front/back boards and side/side boards.

Note you can stack the small pieces between the door and the window ahead of time. Before you put all of the corner pieces in it's easier to slide the window in place.

When you get to the top of the window slide in the piece with the notch out of the bottom.



It is not possible to say specifically where the boards with vents and window openings go (and opening for wood-burning heater if you have that option), as each sauna may be different, but generally, if your sauna has vents, there should be an inlet under the heater (suggest lowest position) and, if there is second vent, it should go up high somewhere opposite the heater.

The wall board with the vent, if applicable, can go near the top as far away from the heater as possible.



When you have installed all of the regular wall boards, there should be two assemblies with a sloped half-height board screwed to the top of a regular board. These are the top side boards and their sloped tops match the slope of the roof.

These are the last two wall pieces before the gables go on.



Locate the four ¼” nuts and matching washers. These are for the tops of the threaded corner rods. When tightened, they will hold the walls tightly to the floor.



Locate and install the triangular front and back wall gable assemblies, and place them on top of the front and back walls. The holes in the end go over the tops of the corner rods. Now it is time to put on the washers and nuts.

Slip the washers on over the top ends of the corner threaded rods, then thread-on the nuts.

Tighten them until snug, but not fully tight, with a 7/16” wrench.



With the nuts snug, knock the side boards inward with your hand, and the boards of the adjacent wall outward from inside. Only the boards you are hitting should move; the others shouldn't jump around. If they do then tighten the nuts a couple more turns and try again.

This process should cause those board-end recesses (red circle, top of second page) to overlap and hide the corner crack inside. You might have to snug the nuts a bit more and repeat until you no longer see the inside corner cracks. If you can't completely hide the inside corner crack, don't worry. There are trim pieces to be installed on the outside of the corners.



When you're finish, tighten down the nuts fully. Don't over-do it. You don't want to crack the wood.



At this stage, your sauna should look like this, with the walls completed, ready to start installing the roof.



Roof:

Using your step ladder, place the roof-edge pieces (eaves) on top of the walls. For easier installation, before taking the assemblies up on the ladder, start to thread-in 2½" deck screws into all the pre-drilled holes.



They should look like this from underneath.

Use your rubber mallet to ensure that the tops of the walls are fully inserted into the grooves.



Secure the roof-edge assembly with supplied brown 2½" ceramic-coated deck screws into the pre-drilled holes.



Place a roof board flush against the roof-edge board that you just installed.

Use your mallet to make the tongue-and-groove edges mate tightly, and the grooves in the underside ends fit all the way over the top edge of the gables.

Repeat to the peak and then do the other side of the roof the same way.



When they are all snugly in place, secure the roof boards using brown 2½" ceramic-coated deck screws.

Leave the last couple of roof boards near the peak unsecured for now.



Locate the roof peak assembly and place it between the top roof boards.



You'll have to lift up the adjacent roof boards to get the peak assembly into place, and then some finessing with the rubber mallet will be necessary to get everything into place.

Don't stop until it's all tight.





Finish securing the roof boards to the tops of the gables.

Next, lay out the roof trim boards, and to make fastening them easier, start threading 1½” deck screws into the predrilled holes.



Place the bottom of the trim board flush against the bottom edge of the roof. Make sure the edges are flush, and drive in the bottom screw.

Make sure the trim is flush with the top of the roof and drive in the rest of the screws.

Repeat for the other three trim boards.



Shingles:

Organize your cedar shingle strips. They will go together on the roof based on the numbers marked on the bottom side.

First, place the strip marked “Bottom” with the plywood backing flush against the top of the eave board, and evenly spaced side-to-side.

Secure it with three 1½” deck screws half inch from the top edge, a couple inches in from each end, and again in the middle.





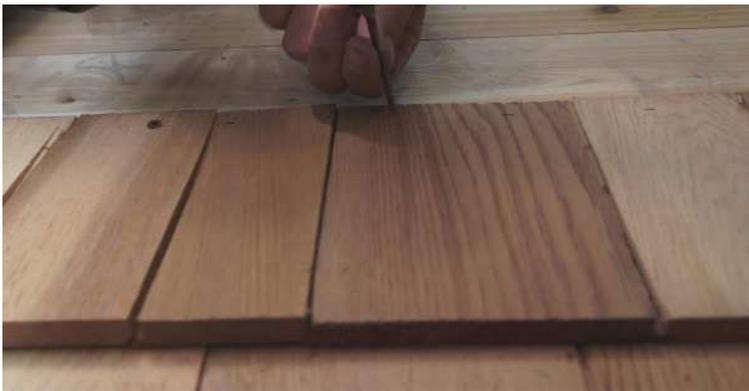
The next rows will be made of two separate pieces each. The pairs will have matching numbers. It doesn't matter what order the numbers are used in; they are just to match the pairs.



The next row of shingle strips slides down into place so that the bottom edge of the plywood backing butts up against the top edge of the previous row.

The two pieces of each row are matched by the numbers on the back, and interlock at the joint.

Notice that the underlay protrudes from the end. This is inserted under the mating piece.



Secure both parts of the row as before about $\frac{1}{2}$ " from the top edge and an inch or two from the side edge with $1\frac{1}{2}$ " deck screws. The long piece of each pair should be fastened in the middle.

The top shingle strips are marked "Top" on the underside.



After securing these, the ridge cap trim goes on. It is an assembly of two solid pieces of cedar.

Space it evenly over the ends of the roof and secure with $1\frac{1}{2}$ " deck screws into the pre-drilled holes.



Locate the corner trim assemblies and thread 1½” deck screws into the predrilled holes.

Ensure that they are flush with the under-side of the roof, and tight against both walls of the corner and drive in the screws.

Benches: The number of supports and what they look like varies, depending on the number and length of benches in your sauna.



Lay down the longest top bench on top of the supports.



In this case, there are four benches (two long and two short) for a two-tier L-shaped bench configuration. There are three two-tier supports.

Two support will go under the long benches at 1/3 intervals, and the other will go in the centre of the short bench. All benches will be fastened to the bench supports from underneath and to the walls.



Align the top face of the bench supports with the bench’s cross-member on the under side of the bench, then secure it with two 2½” screws.



Next, screw the bench end to the wall from underneath through pre-drilled holes with 2½" deck screws.



Next, lay the longest bottom bench down onto the bench supports, and secure it exactly as the top bench; up through the support and into the wall.



Position the remaining bench support against the side wall, roughly at about the middle position, and place the side top long bench on top of it. Secure the bench to the front of the installed top bench as shown, and to the wall on the other end, and to the bench support.

Next, lay the short bottom bench into position and fasten it the same way.

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No matter the configuration of the benches in your particular sauna, this should give you the basic technique for installing them.

Vents:

Position the sliding vent cover over the hole, and the bottom rail with three 1½" screws started into it in place under the vent cover. Drive the middle screw in all the way. Drive in the end screws in only until they are flush with the surface. They will serve as stops. Install the top vent rail with all screws through the thick part.





Centre the inner door handle / towel bar on the inside of the door and fasten with two 1½” deck screws.

Install the door handle at the desired height (centred is a good height) on the outside of the door with two 1½” deck screws.



Position the robe peg board at the desired location and secure it with 1½” deck screws.



Heater:

The heater being installed here is a Tylo Supersport. Installation of the Sauna Craft heaters is similar and even easier. Both types of heaters come with their own user manual.

Fasten the four mounting brackets to the back of the Tylo heater using the supplied screws, into mounting holes. Position the heater next to the wall and use the brackets to mark the drill positions on the wall, remove the heater, drill pilot holes, turn the screws in until they protrude about ¼”, hang the heater on them, and tighten.

The cedar guard fence simply fastens to the wall behind the heater as shown here with a Sauna Craft (4 screws).

Congratulations, you have successfully assembled your Cedar Cabin Sauna!

WARRANTY - Our Products are warranted to be free of defects in materials and workmanship under normal use and service, for a period of three years (3 Years) from date of purchase. With the warranty you will get a NO HASSLE next business day (depending on shipping service) replacement for all requested parts. Product must be cared for properly, this warranty does not cover misuse or negligence and the manufacturer is not liable for any injury or damage caused by the product. The warranty is also not valid if repairs are attempted by anyone not authorized to do so. Please contact your Dundalk LeisureCraft Dealer for more warranty information.

HOW TO TAKE A SAUNA

1. Pre-heat your sauna to the desired temperature (usually between 80-95°C)
2. While it's warming up, take a nice hot shower.
3. Enter the pre-heated sauna (80-95 degrees), 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.
5. Re-enter the sauna and sprinkle water on the rocks, this will increase humidity to about 30% to assist in perspiration. About one cup of water every five minutes should be enough. Too much water will just cool off the rocks and you'll get **less** steam.
6. Take a cold shower. (or lake/pool) Repeat this sauna/cold shower process as often as desired.
7. It is important to drink during your sauna session and even a light snack.
8. Like bathing in a hot tub, excessive exposure can be harmful to a person's health. People with poor health should consult their physicians before using the sauna.

THESE ARE GUIDELINES ONLY. ENJOY YOUR SAUNA HOWEVER YOU DESIRE. CHILDREN MUST BE SUPERVISED BY ADULTS.

MAINTAINING YOUR SAUNA AFTER INSTALLATION

1. It is a good idea to scrub the sauna rocks before using them. They will be coated with a layer of rock dust from processing and handling. If you don't wash it off it will end up making a mess that will be difficult to get out of the wood grain.
2. When your sauna is set up and working you should "break-in" the sauna before using it for the first time. Turn it on its highest setting and keep it like that for about 1 hour. This is recommended by the heater manufacturer to burn off any oils and impurities from manufacturing, and it also "cures" the woodwork.
3. It is considered good sauna etiquette that guests take a shower with soap and sit on a double-layer of terrycloth towels to prevent perspiration from getting onto the benches and walls where the oils will accumulate over time.
4. After each use, leave the door fully open for the wood to dry out. Duck boards can be lifted up to air out if necessary.
5. Under normal conditions, a slight wash of the floor and benches several times a year will maintain its cleanliness. The cedar benches can be washed with a mild solution of liquid cleaner and water to remove any buildup and perspiration stains from the wood. Never use ammonia or harsh cleaners as they can turn the wood gray.
6. The peridotite rocks may need to be replaced in 6 to 10 years, depending on severity and frequency of use. In many cases, the rocks could last up to 15 years, especially when hot water is used.
7. Do NOT use commercial wood sealers from local lumberyards or hardware stores. These are not designed to withstand the sauna temperatures or humidity!
8. Contact your local dealer or Dundalk LeisureCraft Inc. directly if you have further questions or concerns regarding your product.

View the Assembly Video online:

<https://www.youtube.com/watch?v=44lwljztlk>



Scan QR Code with phone to watch.

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