



ASSEMBLY INSTRUCTIONS

for the

AVALON SAUNA

Read these assembly instructions and the accompanying video to enhance your building experience.



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CONGRATULATIONS on the purchase of your **AVALON SAUNA with Shower**

Just a few things to follow.....

**Please be sure to read this entire manual
Before proceeding with the assembly.**

**All electrical connections must be performed
By a qualified electrician.**



**For further information about your heater and
Installation instructions, please refer to the
provided heater manual.**



**Always ensure that you have the correct screw
length so that the screw does not go all the way
through the material and come out the other side.**



Tools Checklist

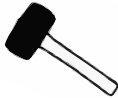
Ensure you have the following tools to finish the job right!



Cordless Driver

☐


#2 Robertson Bit
(Short & 4" or longer)

☐


Rubber Mallet

☐


Socket

☐

1/4" (6 mm) Socket for cordless driver or drill.



Tape Measure

☐


Drill Bit

☐

1/8" (3 mm) Hole Saw with bit for cordless driver or drill.
1/4" (6.35 mm) Diameter x 8" (203 mm) Long



Marker or Pencil

☐


Hole Saw
(Included in kit)

☐

1 1/2" - 2" (38-51 mm) Hole Saw with bit for cordless driver or drill.



Level

☐


Step Ladder

☐


Metal Snips

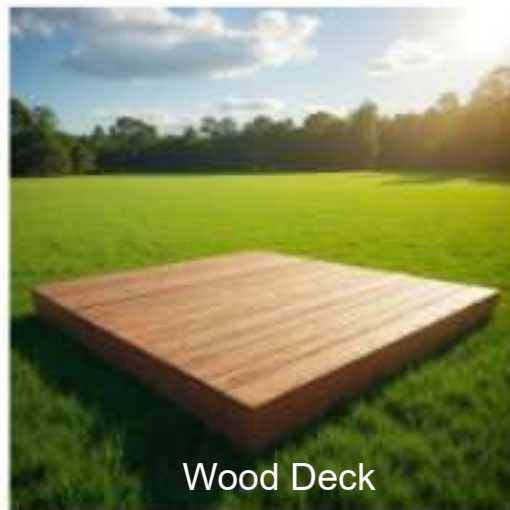
☐


Hammer

☐

Sauna Base Preparation

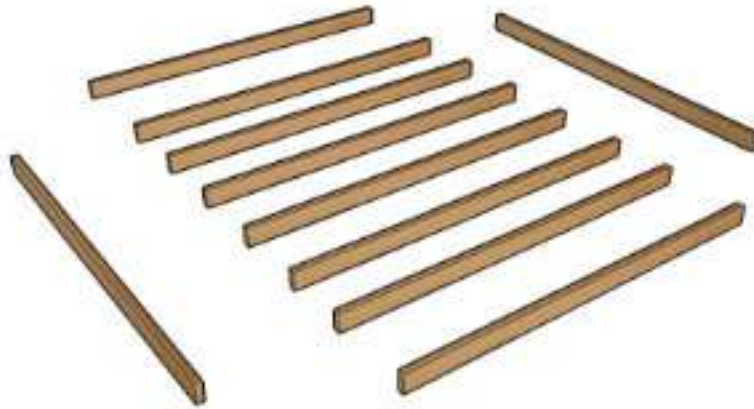
Ensure the base for your sauna is level with a slight slope to the back for drainage. A solid base for your sauna is recommended and can be made from the following.



It is recommended to build a base larger than required to provide a sitting area for cooling off during your sauna session.

Bottom Frame

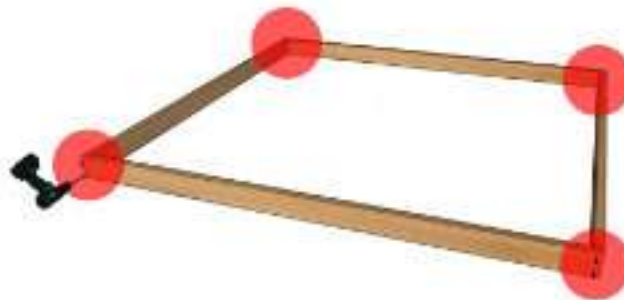
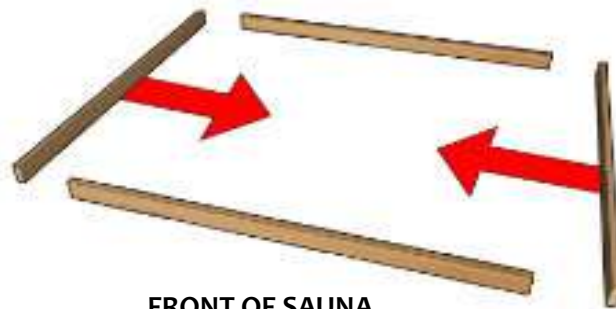
1



On a large flat area or platform place the floor pieces down for assembly.

2

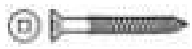
 **8X**
3" (76 mm) Robertson



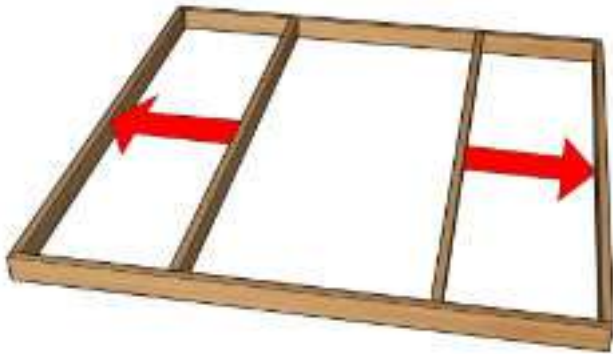
Place & fasten two studs between the longer front and rear studs. Ensure the marks on the front and rear studs face the inside of the frame. Fasten each corner with 2 screws each.

Bottom Frame

3

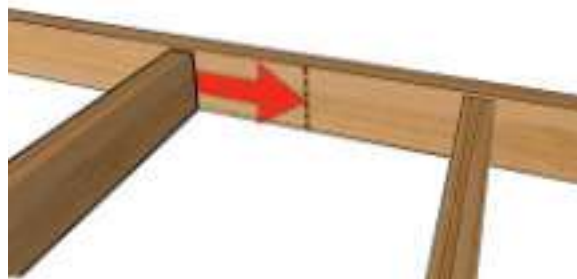
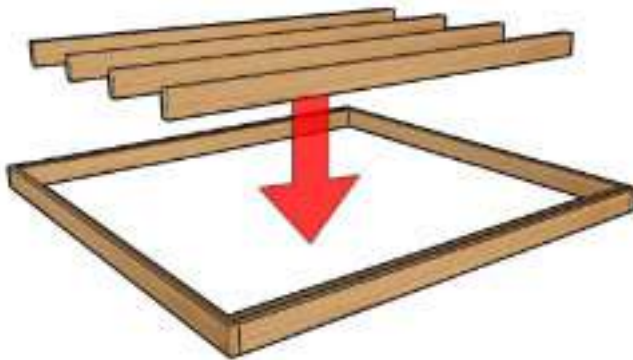


8X
3" (76 mm) Robertson



Place & fasten two studs on the inside of the side studs. Fasten with 2 screws per end.

4

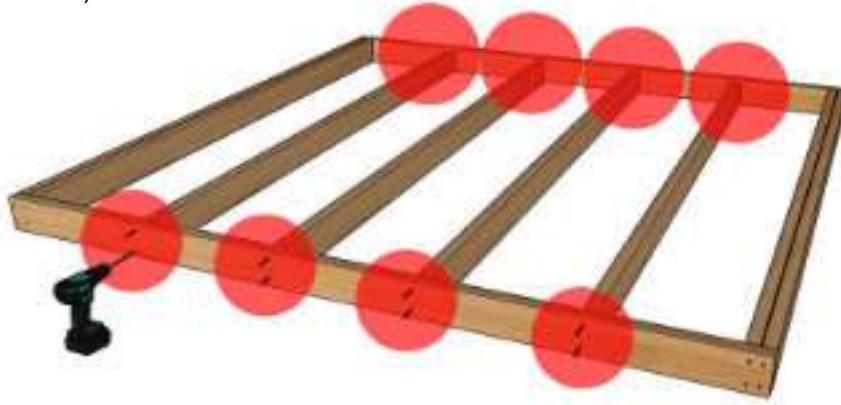


Place the 4 studs inside the frame. The front and back studs are marked to show where each stud should be placed in the frame. Line up each inside stud with these marks.

Bottom Frame

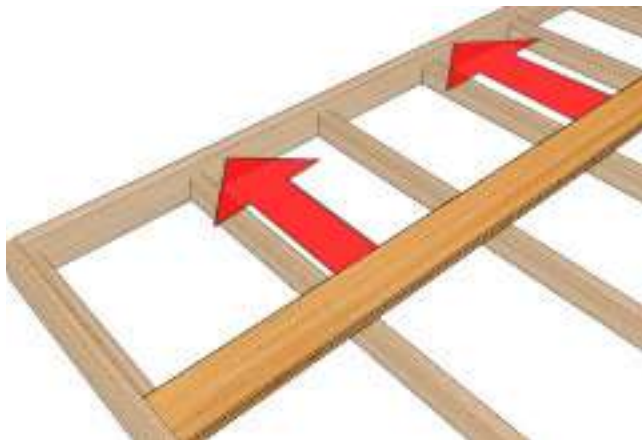
5

 **8X**
3" (76 mm) Robertson



Fasten each stud with 2 screws at each end.

6



To start the floor installation, locate the stave that is labelled "Floor Starter". Ensure the stave is inserted to the inside and positioned at the end of the floor frame .

Bottom Frame

7

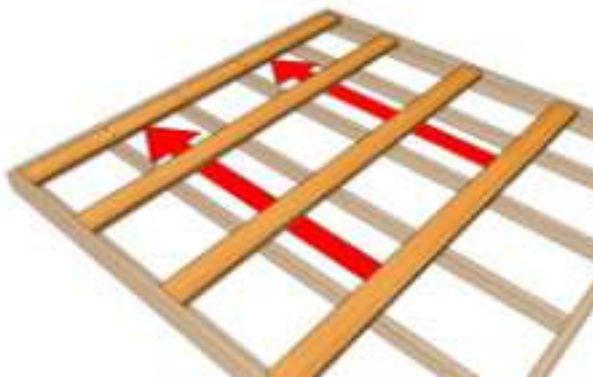
 **12X**
3" (76 mm) Robertson



Fasten the floor starter under each support with 2 screws each.

8

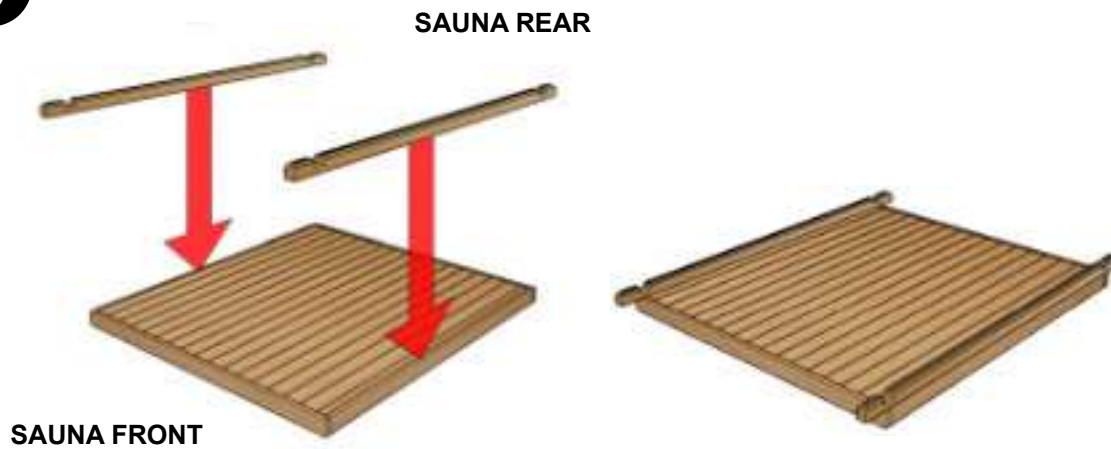
 **12X**
3" (76 mm) Robertson



Continue adding and fastening floor boards. Tap each floor board into place sliding the tongue of each panel firmly into the next. Ensure each panel is interlocked and aligned to the next.

Walls

9



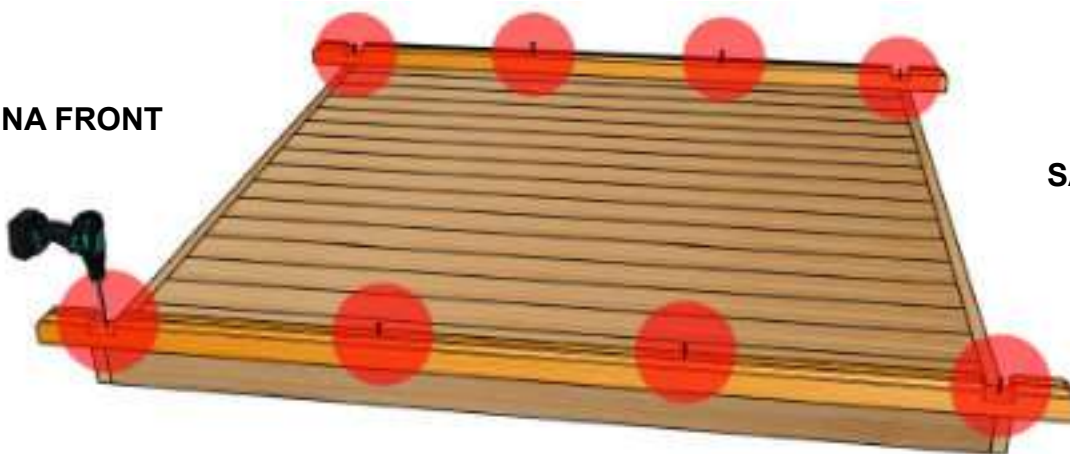
Place the smaller ribbed staves on both sides of the floor frame.

10

 **8X**
3" (76 mm) Robertson



SAUNA FRONT



SAUNA REAR

Fasten each ribbed stave with four screws each.

Walls

11

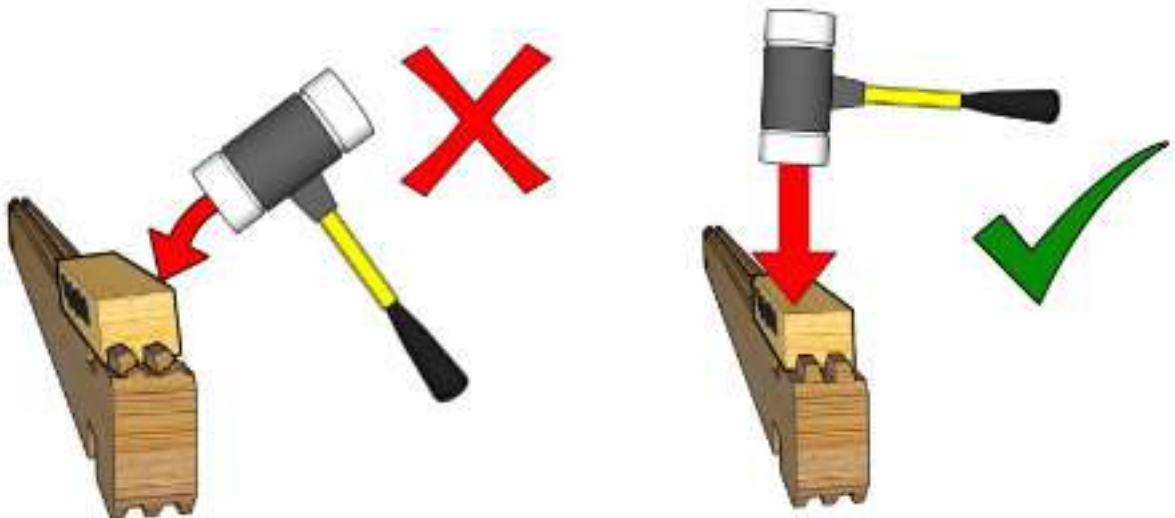
SAUNA REAR



SAUNA FRONT

Place the large ribbed staves into the grooves of the smaller staves.
Ensure they are securely inserted into the grooves.

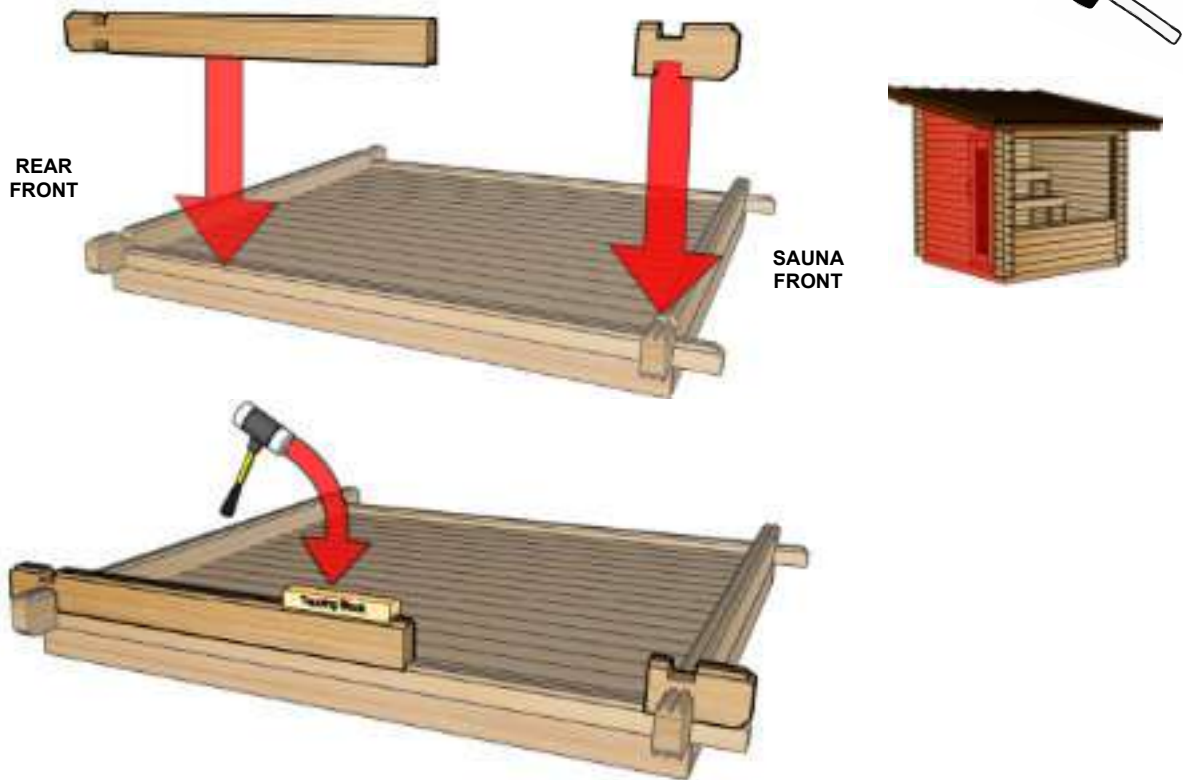
12



Use the tapping block to insert the staves tightly into place. Place the tapping block into the dado grooves.
Ensure to tap the block from the top and not the side to prevent the alignment ribs from breaking.

Walls

13



Place the small and medium staves into the grooves for the door side of the sauna.
Ensure the staves are securely inserted into the grooves using the tapping block.

14

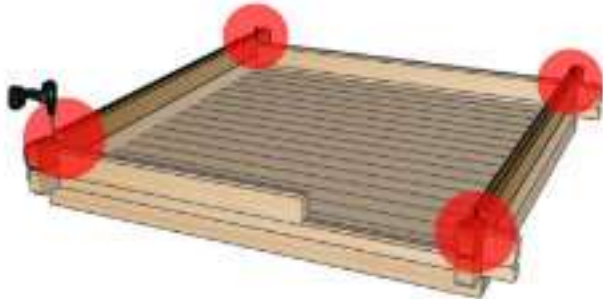
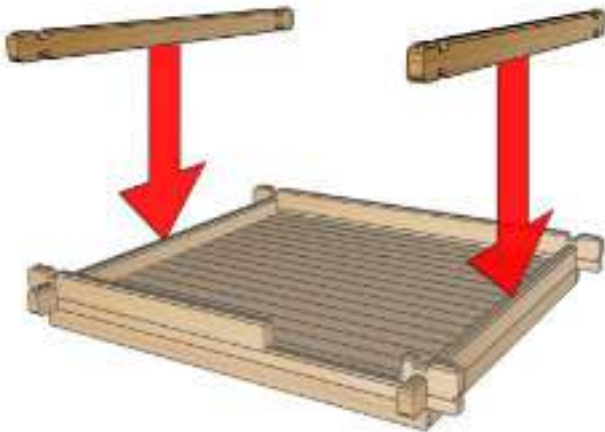
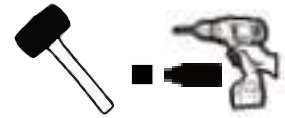
 **2X**
5" (127 mm) Robertson



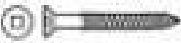
Fasten each stave with a 5" (127 mm) screw in the notch of both boards.

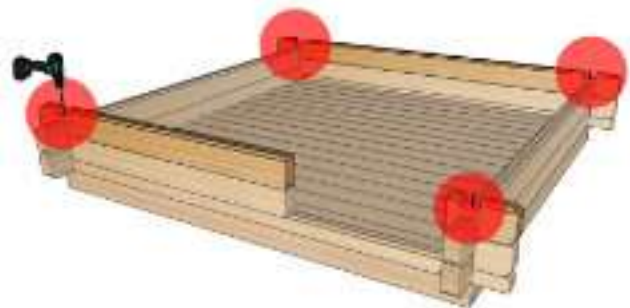
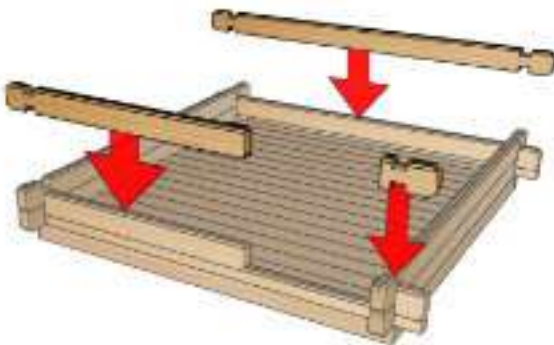
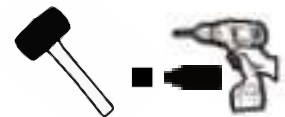
Walls

15  **4X**
5" (127 mm) Robertson



Place & fasten each stave with a 5" (127 mm) screw in the notch of the board.

16  **4X**
5" (127 mm) Robertson



Place & fasten each stave with a 5" (127 mm) screw in the notch of the board.

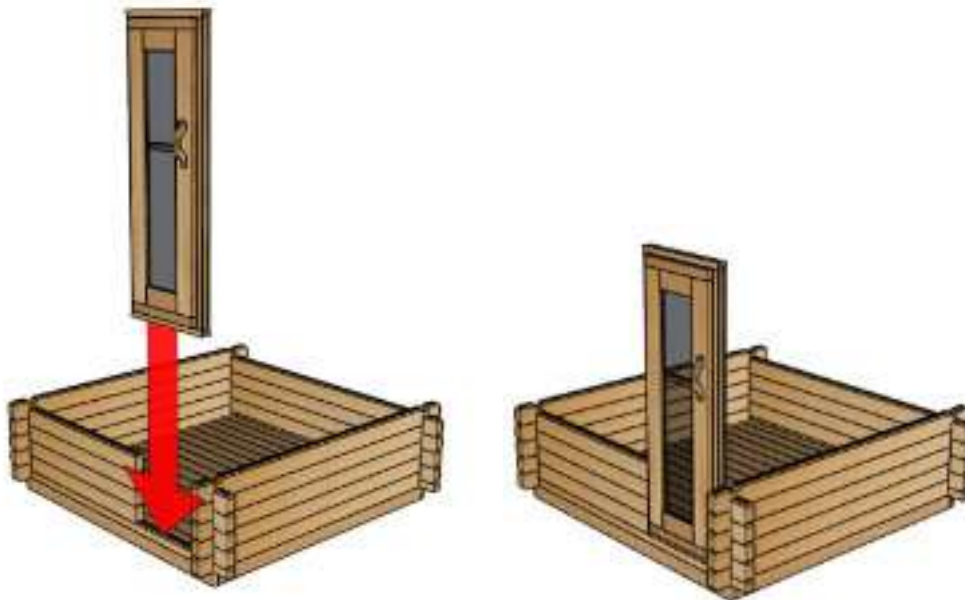
Walls

17



Follow **STEPS 15 & 16** alternating building the walls of the sauna. Place and fasten each stave until you have reached 4 staves high. For the 5th row on the front of the sauna find the stave labelled "**Window**". This stave will have a notch cut out to seat the window.

18



Slide the door between the staves on either side of the door frame

Walls

19

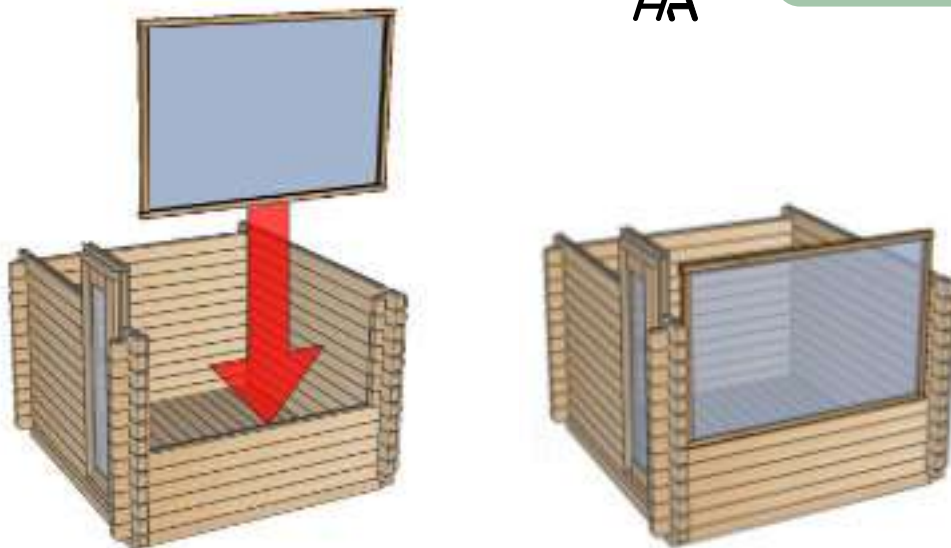


Continue following **STEPS 15 & 16** alternating staves to build the walls of the sauna.
Place and fasten each stave until you have reached 7 staves high.

20



Recommended
two person job



Slide the window between the staves on the sides of the window opening.
Ensure the window sits aligned on the window sill.

Walls

21



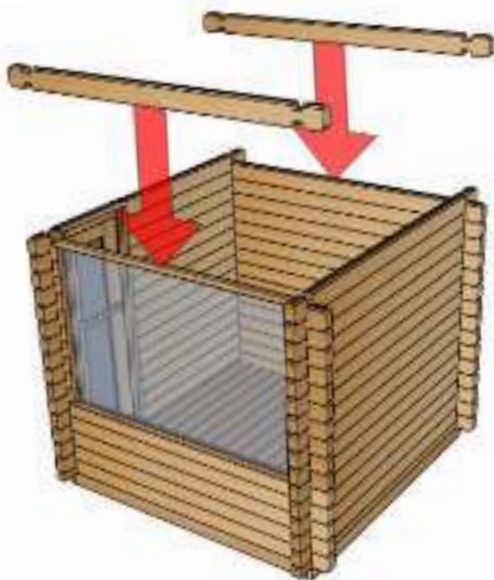
Continue following **STEPS 16 & 17** alternating staves to build the walls of the sauna.
Place and fasten each stave until you have reached the top of the window.

22



4X

5" (127 mm) Robertson



Place and fasten the two staves.

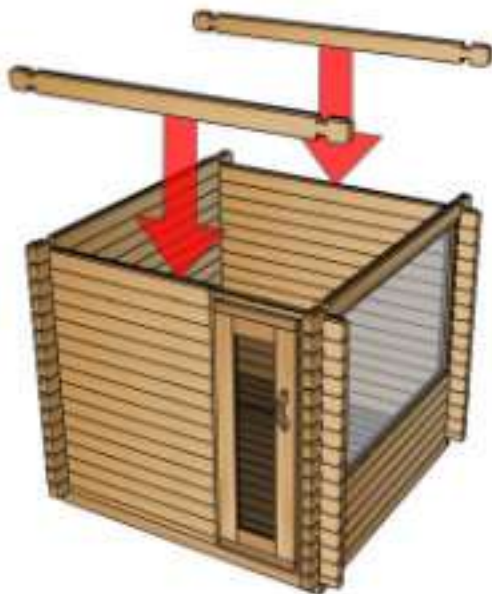
Walls

23



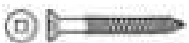
4X

5" (127 mm) Robertson



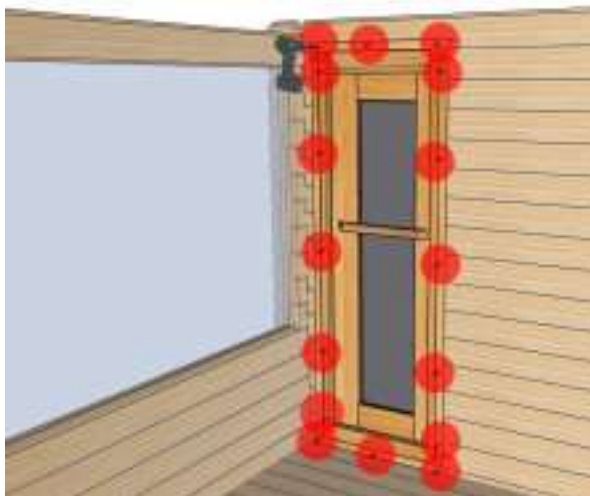
Place and fasten the two staves.

24



16X

3" (76 mm) Robertson

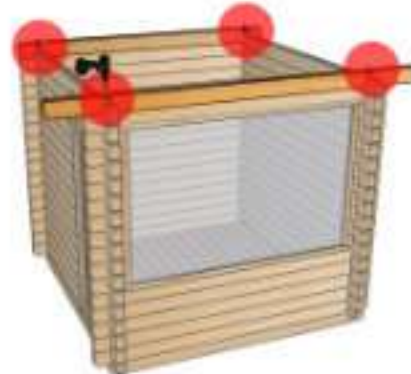
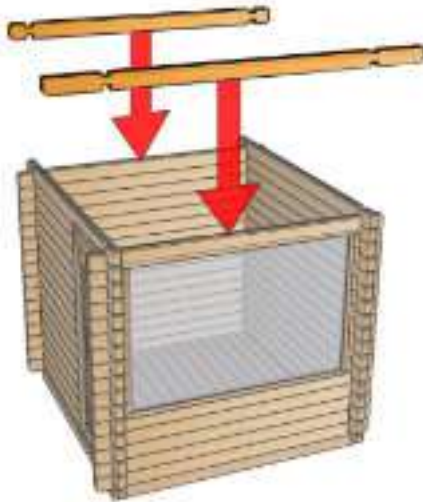


From the inside of the door frame fasten the top and bottom with 3 screws and 5 screws for the sides.

Walls

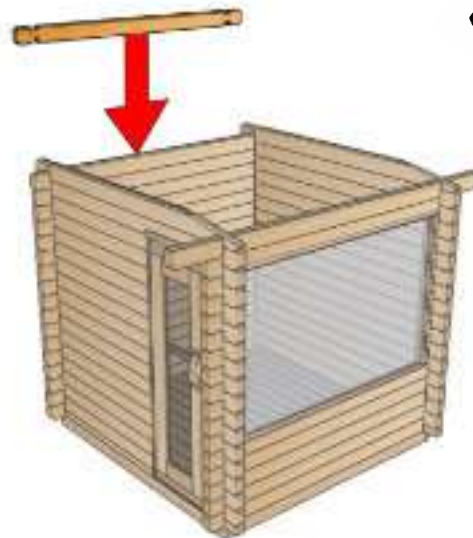
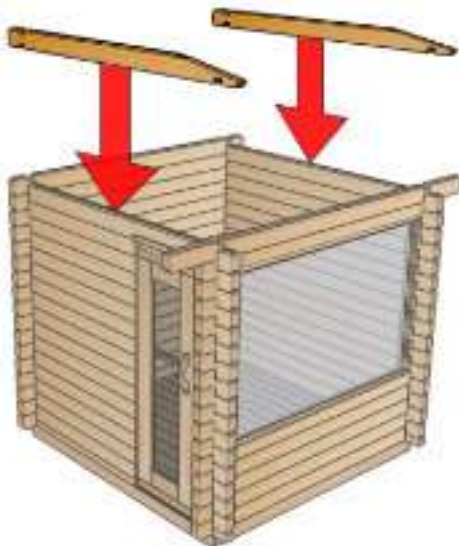
25

 **4X**
5" (127 mm) Robertson



Place and fasten a stave over the front and rear of the sauna. The longer stave will be placed at the front of the sauna.

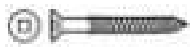
26



Place the angled staves along the sides. Ensure the angled portion of the staves face the front of the sauna. Next place a stave on the rear of the sauna.

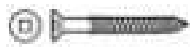
Walls

27



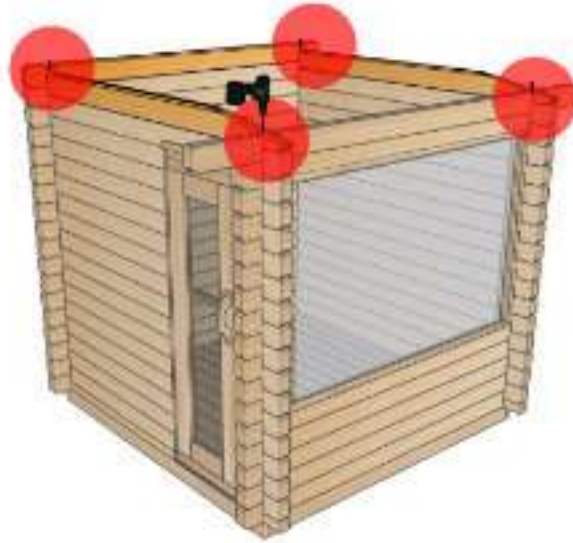
2X

5" (127 mm) Robertson



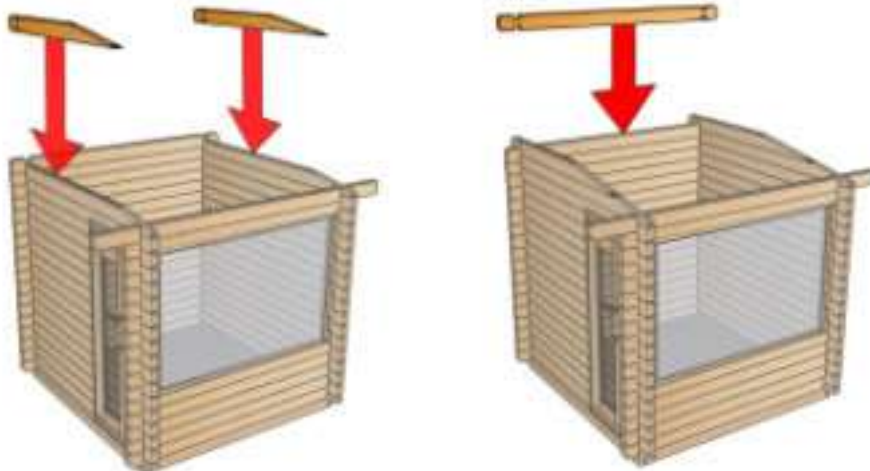
2X

3" (127 mm) Robertson



Fasten the front staves(Angled) with 3"(76 mm) screws and the rear stave with 5" screws.

28



Place the angled staves along the sides. Next place a stave to the rear of the sauna.

Walls

29

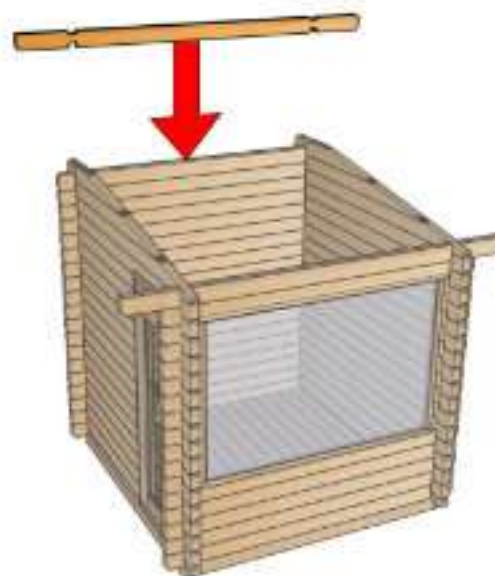
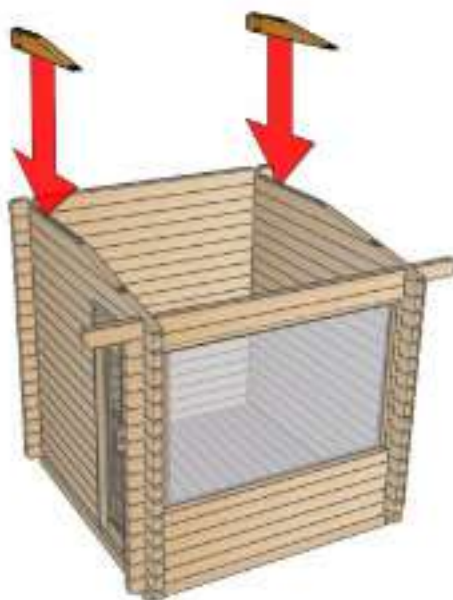


4X
5" (127 mm) Robertson



Fasten the staves with 5" (127 mm) screws.

30



Place the angled staves along the sides. Next place a stave to the rear of the sauna.

Walls

31



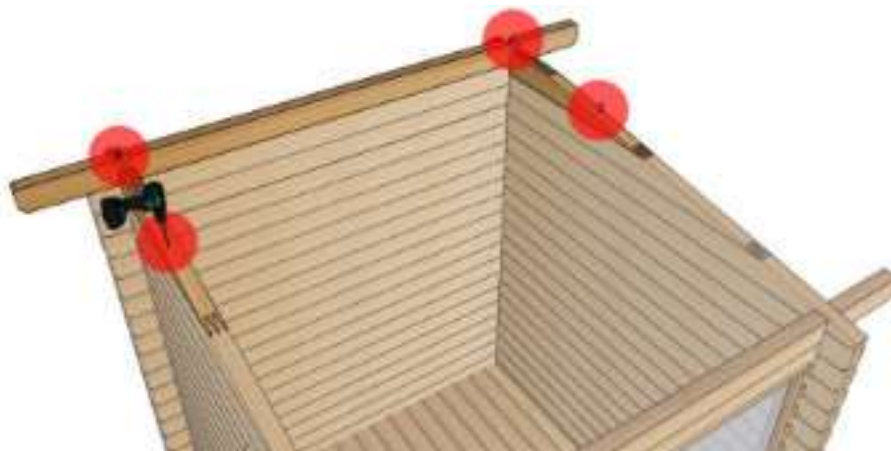
2X

3" (76 mm) Robertson



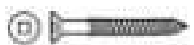
2X

5" (127 mm) Robertson



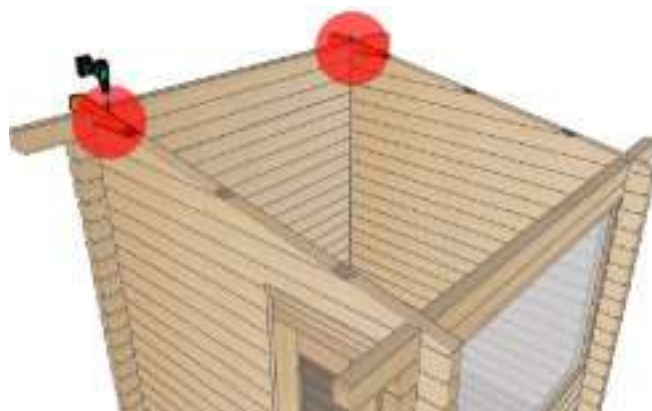
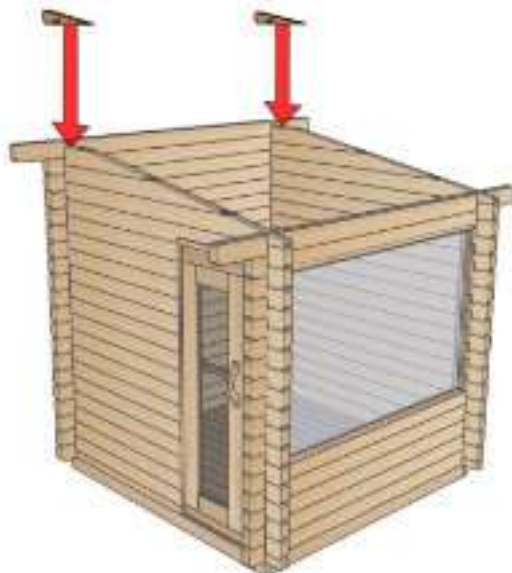
Fasten the staves with 5" (127 mm) screws.

32



2X

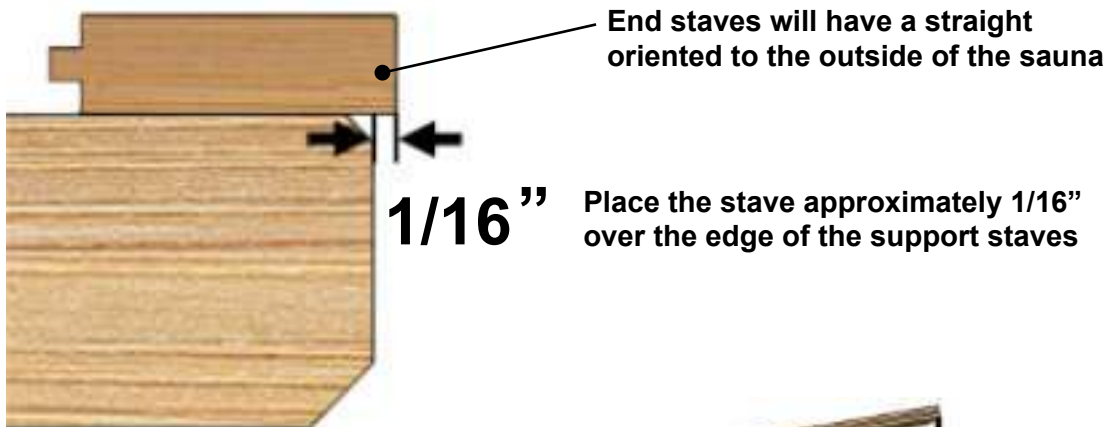
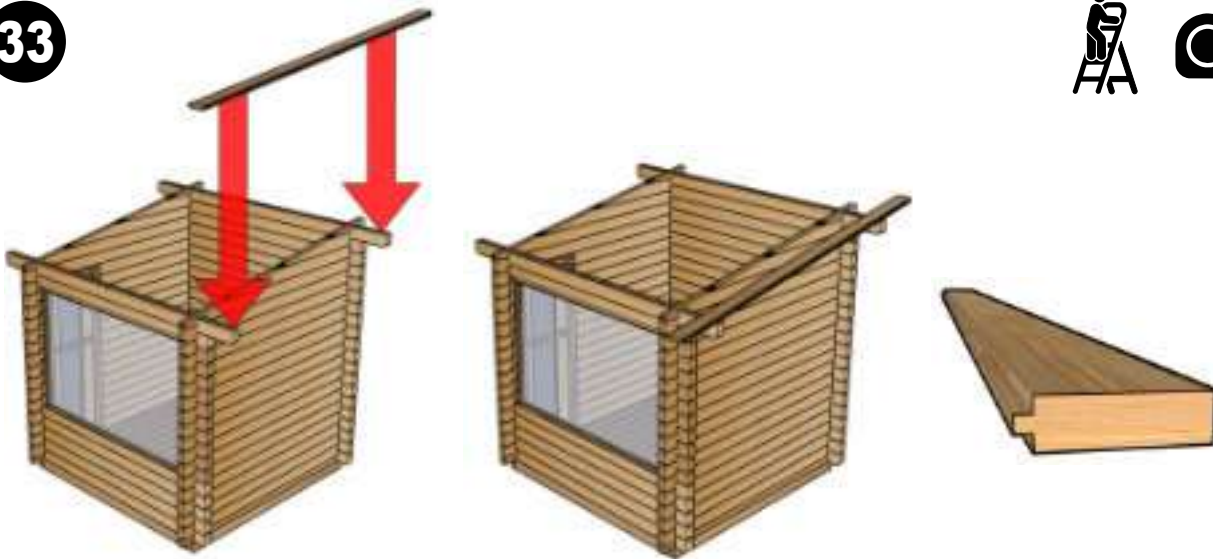
3" (76 mm) Robertson



Place the angled staves along the sides. Fasten with screws.

Walls

33

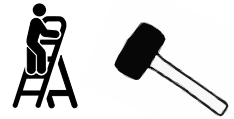


Center the board so the overhang on each end is even approximately $15 \frac{1}{8}''$.

Place the starter stave on the far end of the sauna. The tongue on the stave should be oriented towards the inside of the sauna. Center the board so the overhang on each end is even approximately $15 \frac{1}{8}''$.

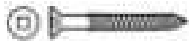
Roof

34



Continue adding 10 staves. Slide the tongue of one stave firmly into the next ensuring each stave is interlocked and fastened.

35



4X /stave

2 1/2" (64 mm) Robertson



Ensure the staves are placed evenly and spaced as shown in **STEP 33**. Fasten the staves on both ends of the long staves with two screw per end.

Roof

36



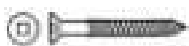
4X

2 1/2" (64 mm) Robertson



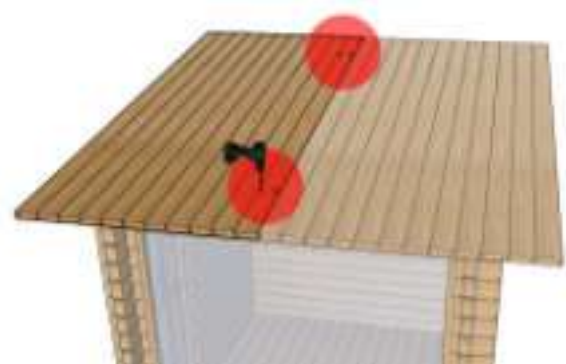
Find and identify the center roof stave which has an inside groove on both sides of the stave. Slide the tongue of the center stave firmly into previous stave ensuring it is interlocked and fastened. Fasten in place.

37



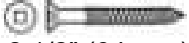
4X

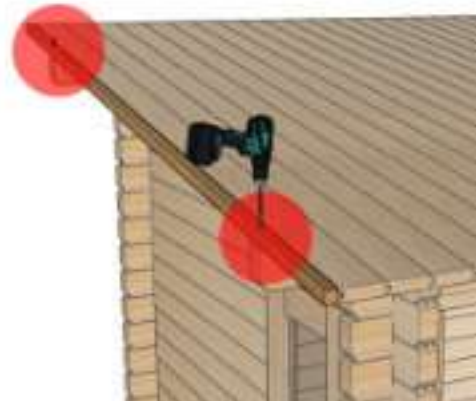
2 1/2" (64 mm) Robertson



Continue adding 10 staves. Ensure the staves are placed evenly and spaced as shown in **STEP 33**. Slide the tongue of one stave firmly interlocked into the previous stave. Fasten in place.

Roof

38  **4X**
2 1/2" (64 mm) Robertson



The final stave will have a tongue but no groove. Place and fasten this stave with one screw at each end.

39  **5X**
2 1/2" (64 mm) Robertson



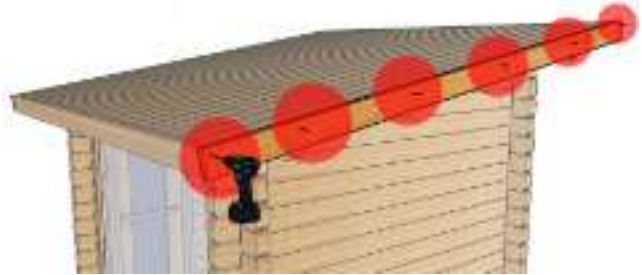
Place and fasten the trim board on the front of the sauna. Ensure the board is flush with the top and sides of the roof line. Repeat **STEP 39** for the trim board for the rear of the sauna roof.

Steel Trim & Roof Panels

40



6X /side
2 1/2" (64 mm) Robertson

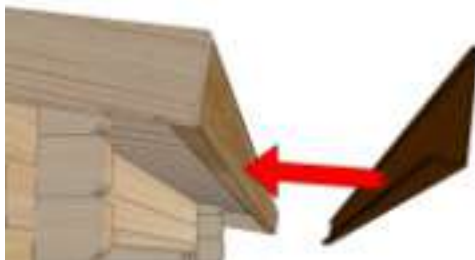


Place and fasten the trim board on the sides of the sauna.
Ensure the board is flush with the top, front and back of the roof line.

41

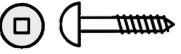


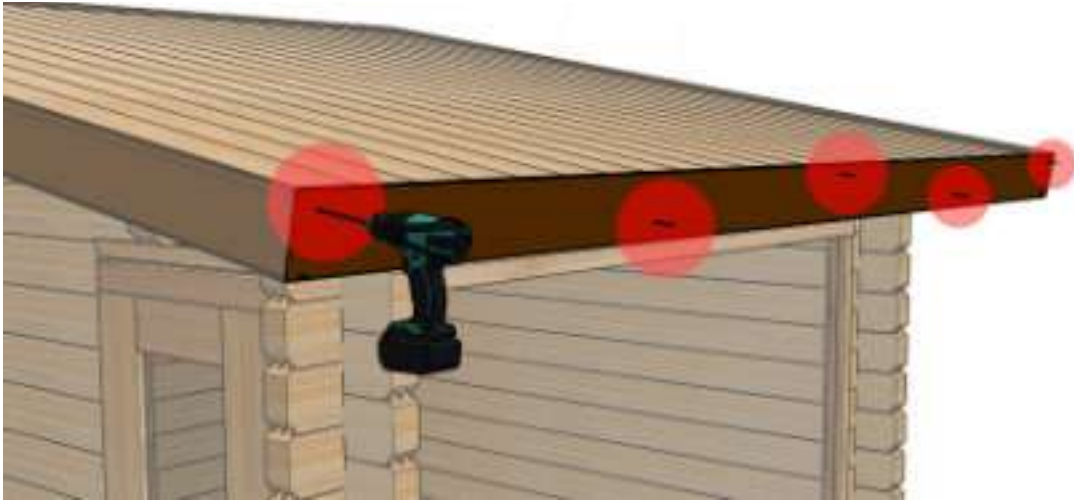
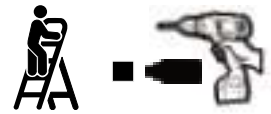
**Bottom
Trim Profile**



Place the metal L-trim piece on each side of the sauna.

Steel Trim & Roof Panels

42  **5X /side**
3/4" (19 mm) Robertson



Fasten each of the metal L-trim pieces on the trim boards of the sauna roof.
Fasten with screws in a zig-zag pattern along the length of the board.

43

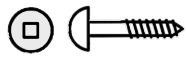


**Front Roof
Trim Profile**

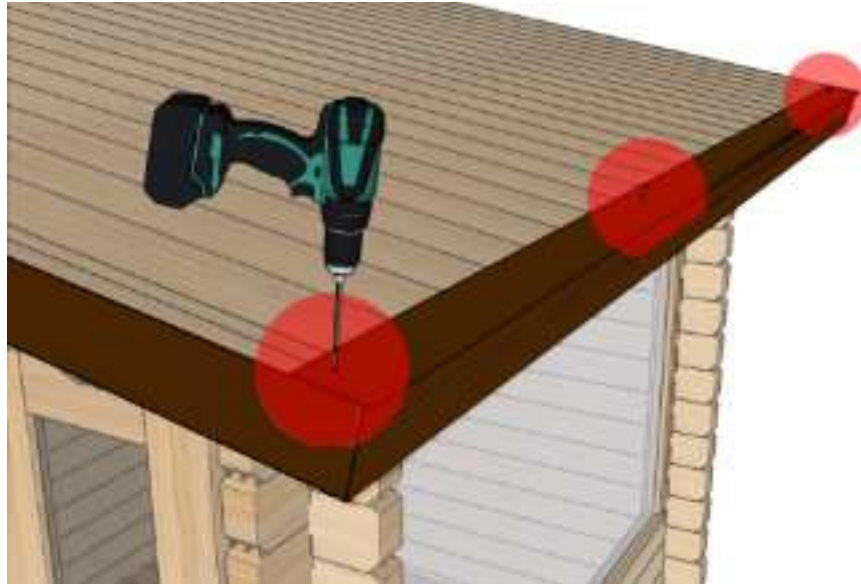
Place the front metal trim piece on the front rim of the sauna roof.
Ensure it is flush with the sides of the sauna.

Steel Trim & Roof Panels

44



3X /side
3/4" (19 mm) Robertson



Fasten the front steel trim with screws on the top face.

45

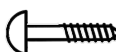


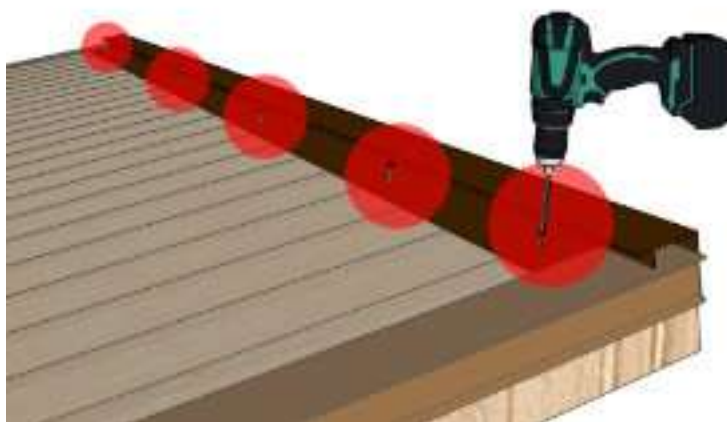
**Back Roof
Trim Profile**

Place the rear steel trim piece on the back rim of the sauna roof.
Ensure it is flush with the sides of the sauna.

Steel Trim & Roof Panels

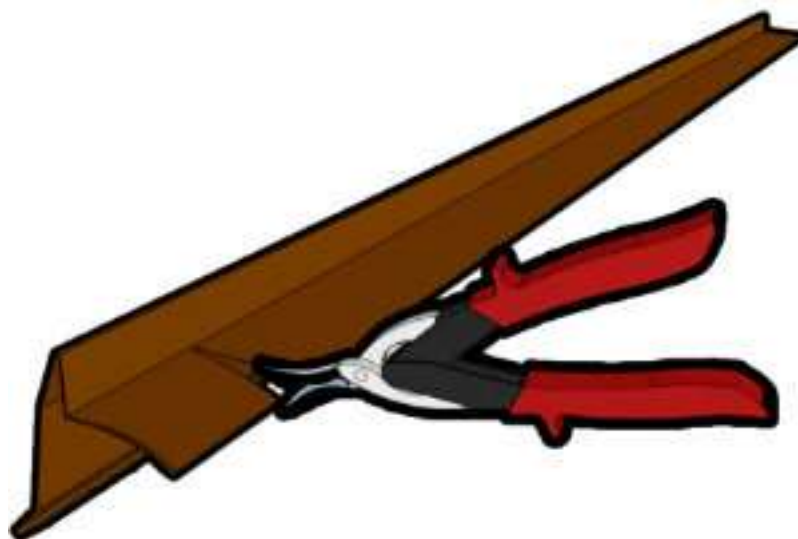
46

  **5X**
3/4" (19 mm) Robertson



Fasten the rear trim roof piece with 5 screws.

47



PLEASE NOTE: Some trim pieces may require trimming to fit into place.

Steel Trim & Roof Panels

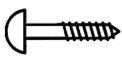
48



Side Roof
Trim Profile

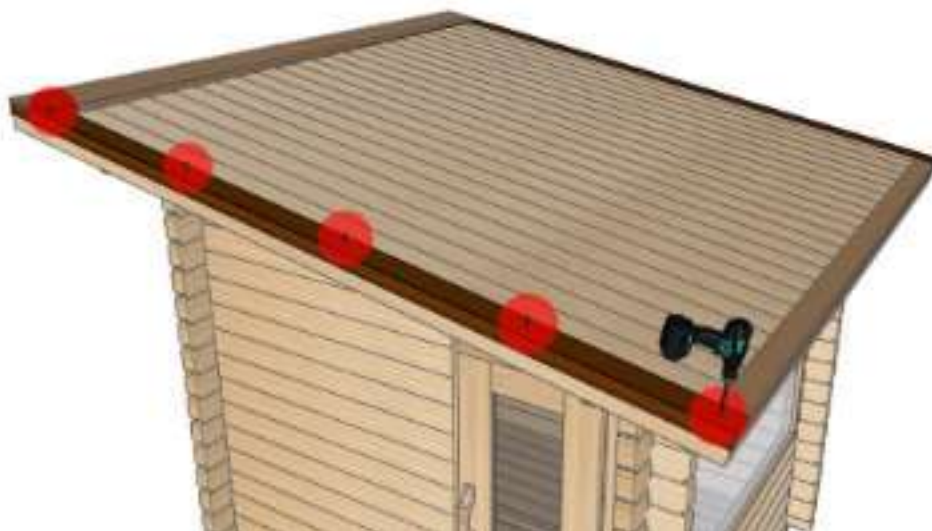
Place two metal side trim pieces on the sides of the sauna roof.

49



5X /side

3/4" (19 mm) Robertson



Fasten the top face of each side piece with 5 screws.

Steel Trim & Roof Panels

50



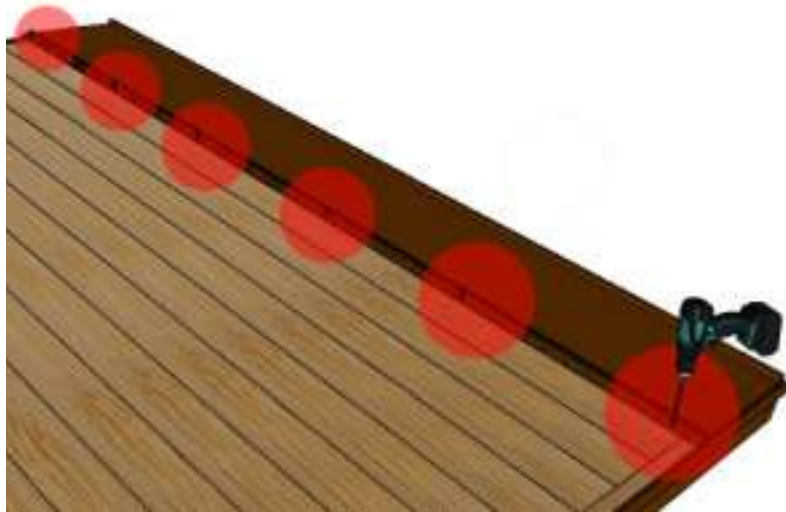
Place the metal roof panel on the roof.
The perforated area of the panel should face the inside of the sauna.

51



6X /side

1" (24 mm) Robertson



Fasten the roof panel with screws along its length.

Steel Trim & Roof Panels

52



The panel ends will snap to one another



The final panel will need to be cut to match the remaining space on the roof.



Continue adding and fastening roofing panels until the roof is covered. Ensure each piece overlaps the next with the perforated side of the panel oriented in the same direction. Each panel end should snap onto the rib of the previous panel.

PLEASE NOTE: The final roofing panel will need to be cut to match the remaining space on the roof.

Steel Trim & Roof Panels

53



Side Roof
Trim Profile



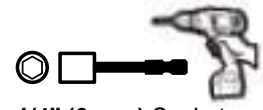
Position and slide the trim piece over the lip of the side trim.
Repeat this step for the opposite side of the sauna.

54



1 1/2" (38 mm)

5X



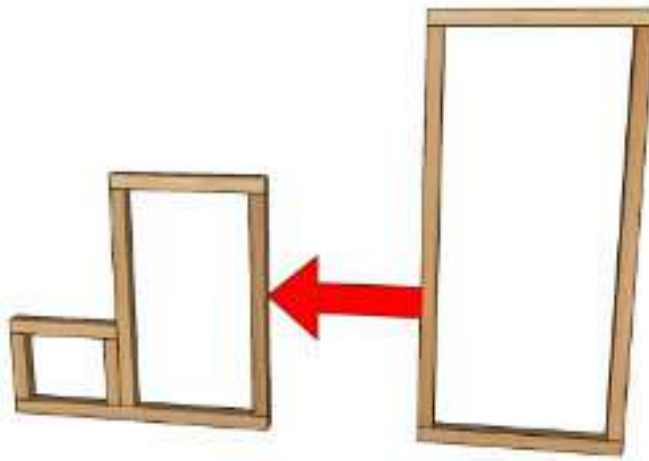
1/4" (6 mm) Socket



Fasten the trim along the top with self-sealing screws. Repeat this step for the opposite side of the sauna.

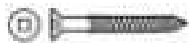
Benches

55

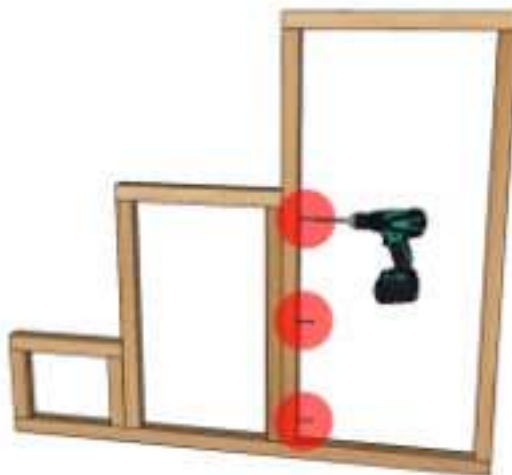


Find the bench assembly pieces and position them as shown.

56



3X
2 1/2" (64 mm) Robertson

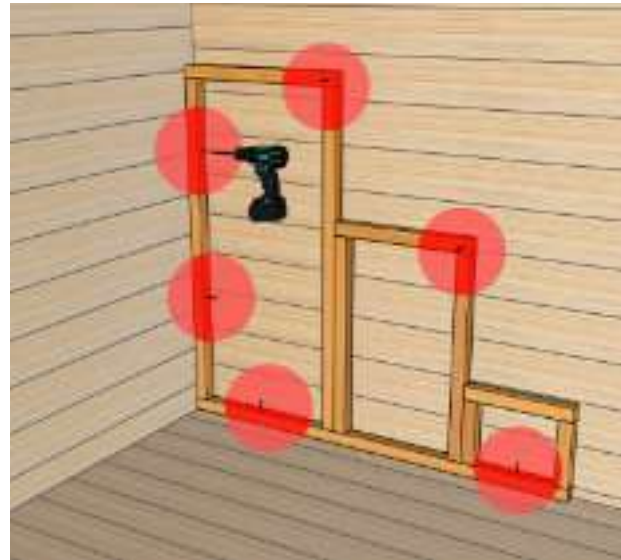
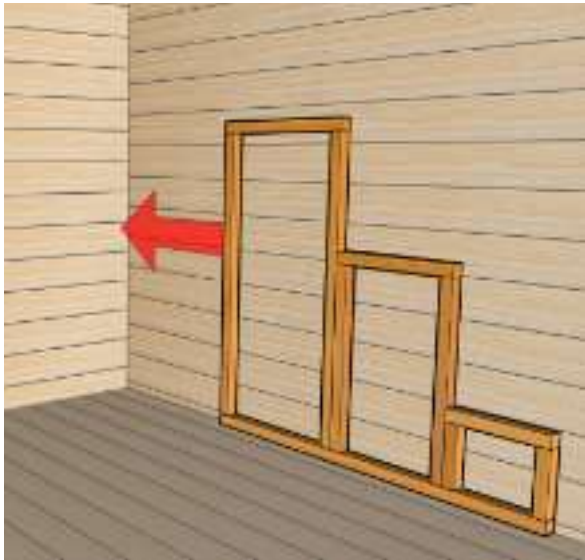


Assemble the bench bracket supports pieces using screws on the inside of the frame.
Repeat **STEPS 55-56** for the second bench bracket.

Benches

57

 **6X**
2.5" (64 mm) Robertson



Place bench support in the back corner between the rear and side wall. Fasten with six screws in the designated areas. Repeat this step for the opposite wall.

58



Place the bench top on the bench supports. Ensure the bottom bench top is positioned evenly between both side walls and is placed against back of the bench support.

Benches

59

 **4X**
2.5" (64 mm) Robertson



Fasten the bench support to the bench top with two screws on each side of the bench.

60



Place the bench top on the bench supports. Ensure the middle bench top is positioned evenly between both side walls and is placed against the back of the bench support.

Benches

61

As a guide follow **STEP 57** to fasten the bench to the bench supports.

62



Place the bench top on the bench supports. Ensure the top bench top is positioned evenly between both side walls and is placed against the back of the bench support.

63

As a guide follow **STEP 59** to fasten the bench to the bench supports.

64



For any installation of your sauna heater please follow the directions given with your specific heater model. The following instructions are given for basic venting installation for your sauna.



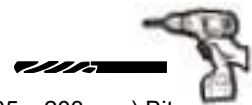
Vents

65



Find an open area on the upper side wall for installing a vent for your sauna.
Using the vent cover as a template mark off all the dots shown in the above image.

66



1/4" Diameter x 8" Long (6.35 x 203 mm) Bit

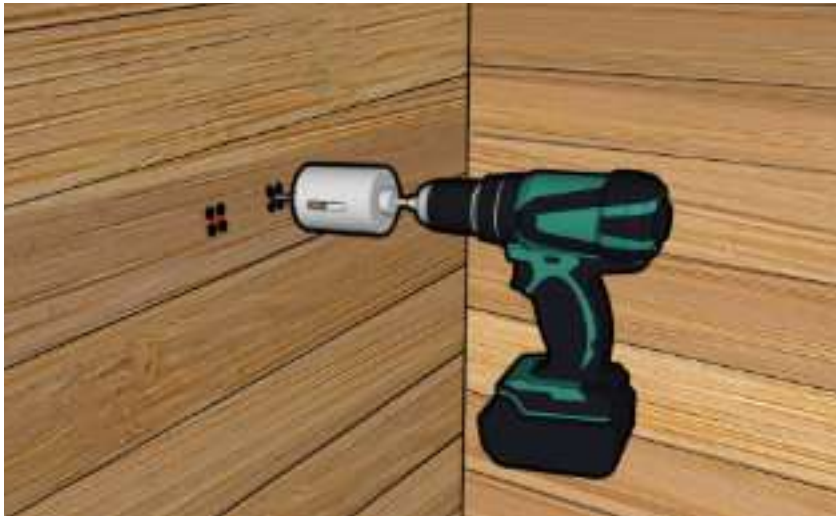


Predrill the center of the area with a drill bit long enough (8 inches or longer) to breach the exterior wall. These drill holes will act as a guide for the hole saw in the next step.

Vents

67

2" (51 mm) Holesaw
INCLUDED WITH KIT



Use the two inch (51 mm) hole saw, included with your sauna kit, to create two holes over the area from **STEP 66**.

PLEASE NOTE: Only drill half way through the wall and continue drilling from the opposite side of the wall.

68

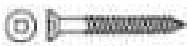


Continue drilling out the holes from the outer wall of the sauna.
On the outer wall of the sauna position the vent cover over the two holes.

Vents

69

6X



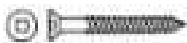
Provided screws in vent kit



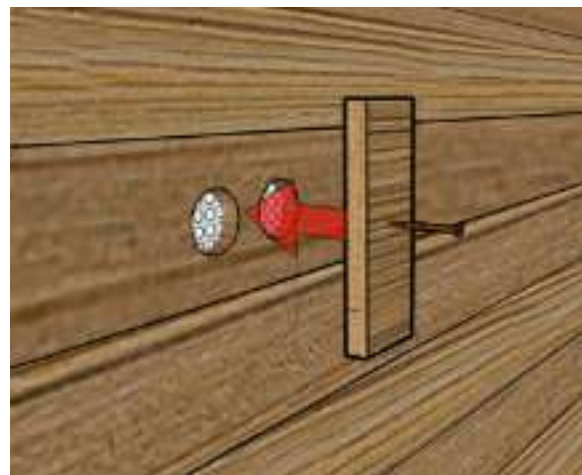
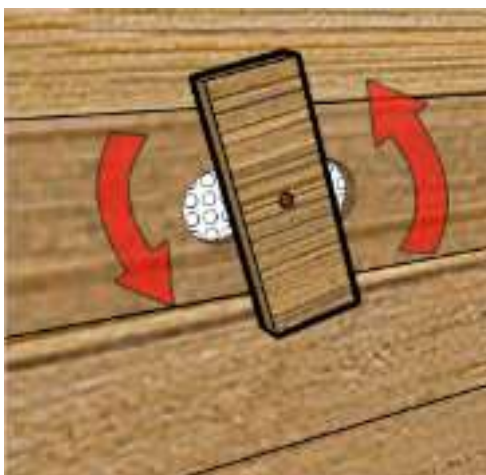
Fasten the vent cover on the outside wall with the six provided screws.

70

1X



1 1/2" (38 mm) Robertson



Add a screw to the provided wooden block in the pre-drilled hole.

Position and fasten the block between the two cut-out holes.

PLEASE NOTE: Only tighten the wooden block enough that it may swivel firmly.

Vents

71



Find a location for the vent below the area where you will install your heater.



Find an open area on the lower part of the wall opposite to the first vent for installation.
Follow **STEPS 65-69** as a guideline for installing the intake vent.

PLEASE NOTE: The inlet vent cover will be installed on the inside of the sauna.



That concludes the basic instructions for the
Avalon Sauna.

If you have any accessories left to install or will be in the near future please continue on to the next section.

We hope you enjoy your sauna.

Accessory Install Section

Sand Timer (Optional)

2X 
1 1/2" (38 mm) Robertson



Place the sand timer in the desired location and secure with screws in the pre-drilled holes.
Ensure it is in position and level so it may rotate without hitting the wall.

Accessory Install Section

Towel Hook (Optional)



1 1/2" (38 mm) Robertson



Single Towel Hook



Place the towel hook in desired location and secure with screws in the pre-drilled holes.



1 1/2" (38 mm) Robertson



3 Towel Hook



Place the towel hook in desired location and secure with screws in the pre-drilled holes.

Accessory Install Section

Thermometer (Optional)

1X 
Nail

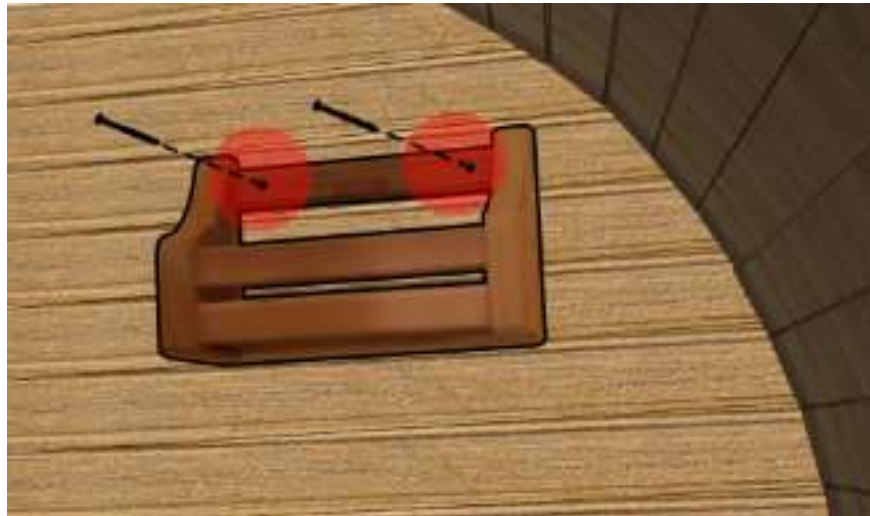


Place thermometer in desired location and secure with the provided nail.

PLEASE NOTE: The thermometer should be placed in a location away from the heater

Shelf (Optional)

2X 
2 1/2" Robertson



Place the towel hook in desired location and secure with screws in the pre-drilled holes.

INTRODUCING OUR SAUNA STAINS & FINISHES



ALIS NATURAL OIL FOR EXTERIOR WOOD

Perfect for your sauna and garden furniture. This protective oil for outdoor wood offers great value.



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Light Teak



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5 Year Residential Limited Warranty Policy

All products designed and manufactured by Dundalk LeisureCraft Inc. ("LeisureCraft") are covered by a limited warranty against defects in materials and workmanship under normal residential use for a period of five (5) years, beginning on the date the product is received by the original end-user consumer.

This warranty does not apply to defects resulting from normal wear and tear, improper installation, insufficient or improper maintenance, natural weather conditions or failure to follow the manufacturer's installation, usage, or care instructions.

In the event of a valid warranty claim, LeisureCraft will provide replacement parts at no charge. However, please note that the replacement of parts will not extend the original warranty period.

This warranty is limited solely to the replacement of parts and does not cover any associated service, labor, or installation costs, all of which are expressly excluded.

For products offered by LeisureCraft that are not manufactured by LeisureCraft, please refer to the warranty policy and terms provided by the manufacturer.

LIMITED WARRANTY

Dundalk LeisureCraft Inc. ("LeisureCraft") is committed to providing high-quality sauna heaters and accessories to our customers. To offer peace of mind, we will match the manufacturer's warranty on all eligible products purchased from us. If the manufacturer offers a warranty on the product, we will honor that warranty, ensuring the same terms, coverage, and duration.

This warranty is limited to the replacement of parts only. It does not cover any service, labor, or installation costs, which are expressly excluded.

This warranty does not apply to defects caused by normal wear and tear, improper installation, inadequate or improper maintenance, or failure to adhere to the manufacturer's installation, use, or care instructions.

All electrical connections must be made by a licensed electrician. Failure to comply with this requirement will void the warranty.

For warranty claims or inquiries, please contact LeisureCraft customer support at:

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Please ensure you fill out your warranty card!



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