



ASSEMBLY INSTRUCTIONS

for the

PALMER SAUNA

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



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CONGRATULATIONS

on the purchase of your

PALMER 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

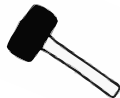
Ensure you have the following tools to finish the job right!



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

☐


5/32" (4 mm)

or



5/32" (4 mm)

☐


Chalk

☐


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

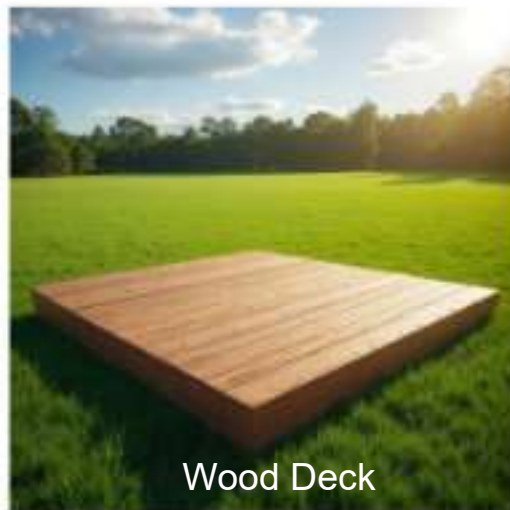
☐


Hammer

☐

Sauna Base Preparation

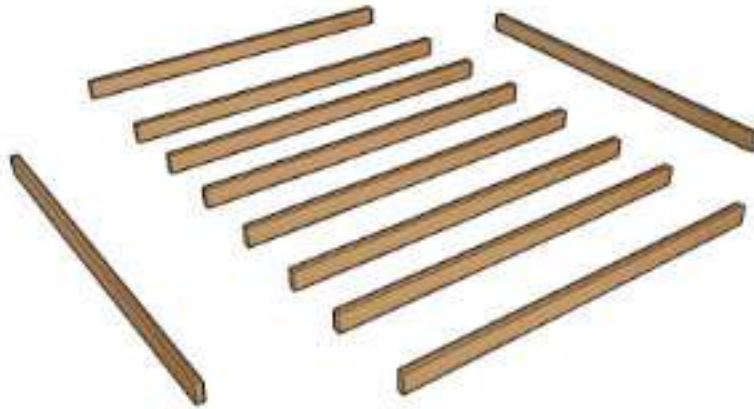
Ensure the base for your sauna is level with a slight slope to the back for drainage. A solid base for your sauna is recommended and can be made from the following.



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

Bottom Frame

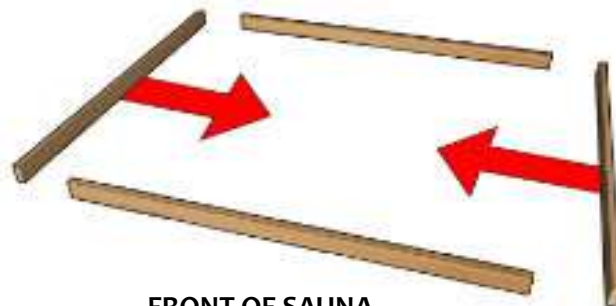
1



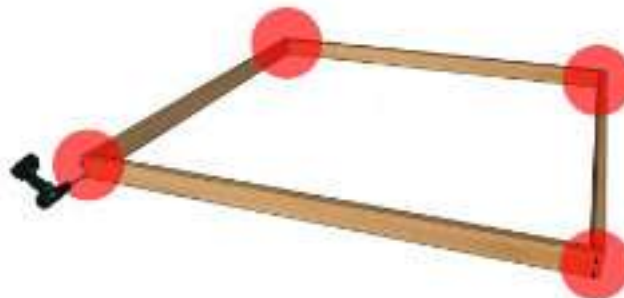
On a large flat area or platform place the floor pieces down for assembly.

2

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



FRONT OF SAUNA

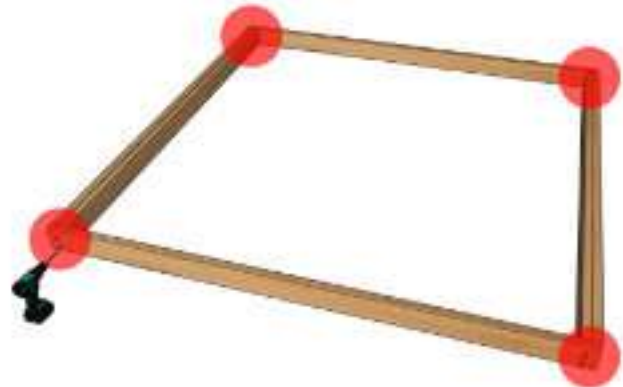
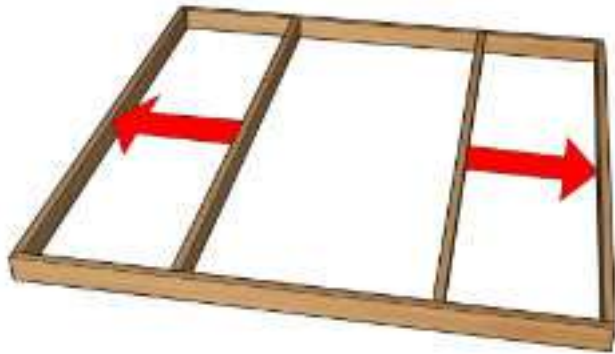


Place & fasten floor joists between the longer front and rear headers. Ensure the marks on the front and rear headers face the inside of the frame. Fasten each corner with 2 screws each.

Bottom Frame

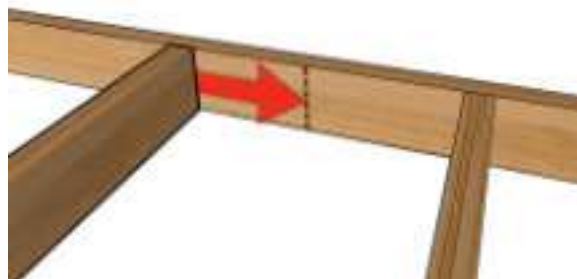
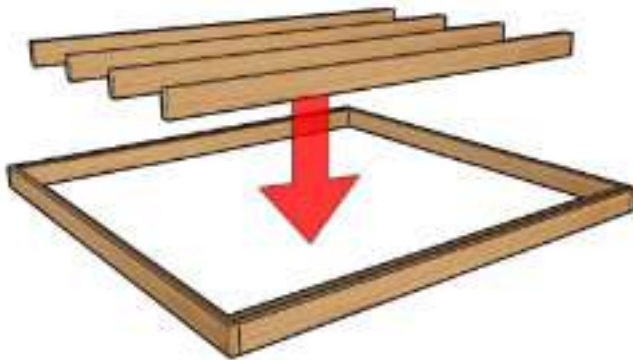
3

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



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

4

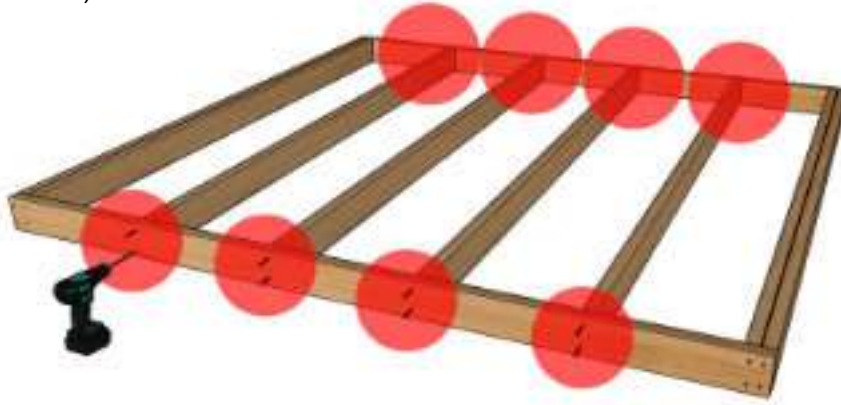


Place the 4 floor joists inside the frame. The front and back headers are marked to show where each floor joist should be placed in the frame. Line up each of the inside floor joists with these marks.

Bottom Frame

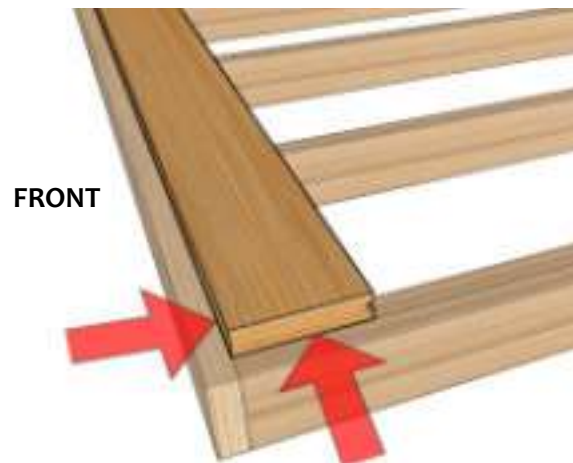
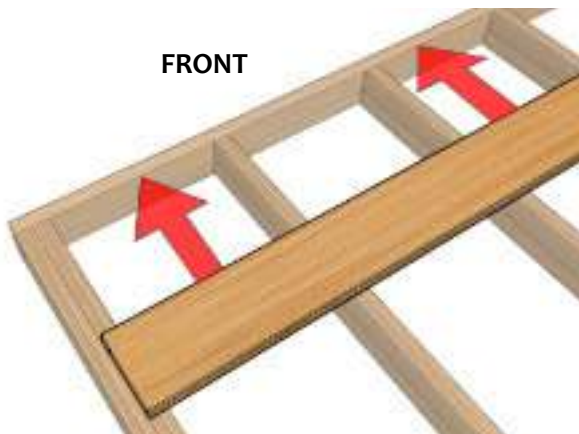
5

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



Fasten each floor joist with 2 screws at each end.

6



To start the floor installation, locate the stave that is labelled "Floor Starter".
Ensure the stave is flush with the inside front/side floor joists .

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



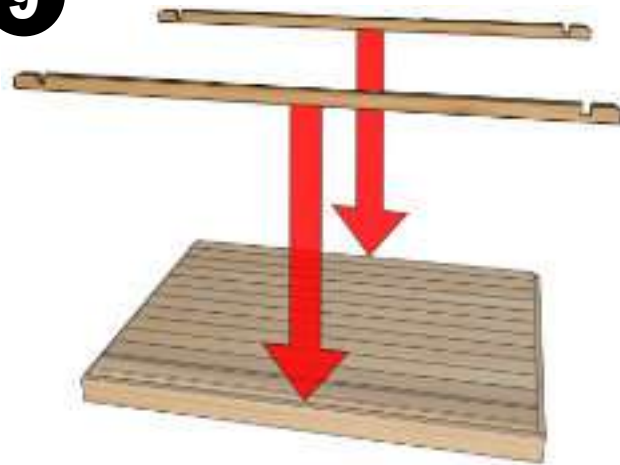
FRONT



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



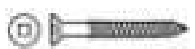
SAUNA FRONT



SAUNA FRONT

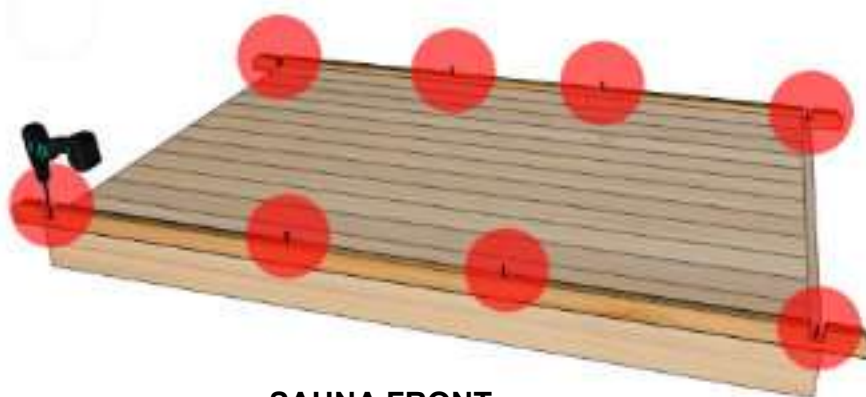
Place the smaller ribbed staves on both sides of the floor frame.

10

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



SAUNA REAR



SAUNA FRONT



Fasten each ribbed stave with four screws each.

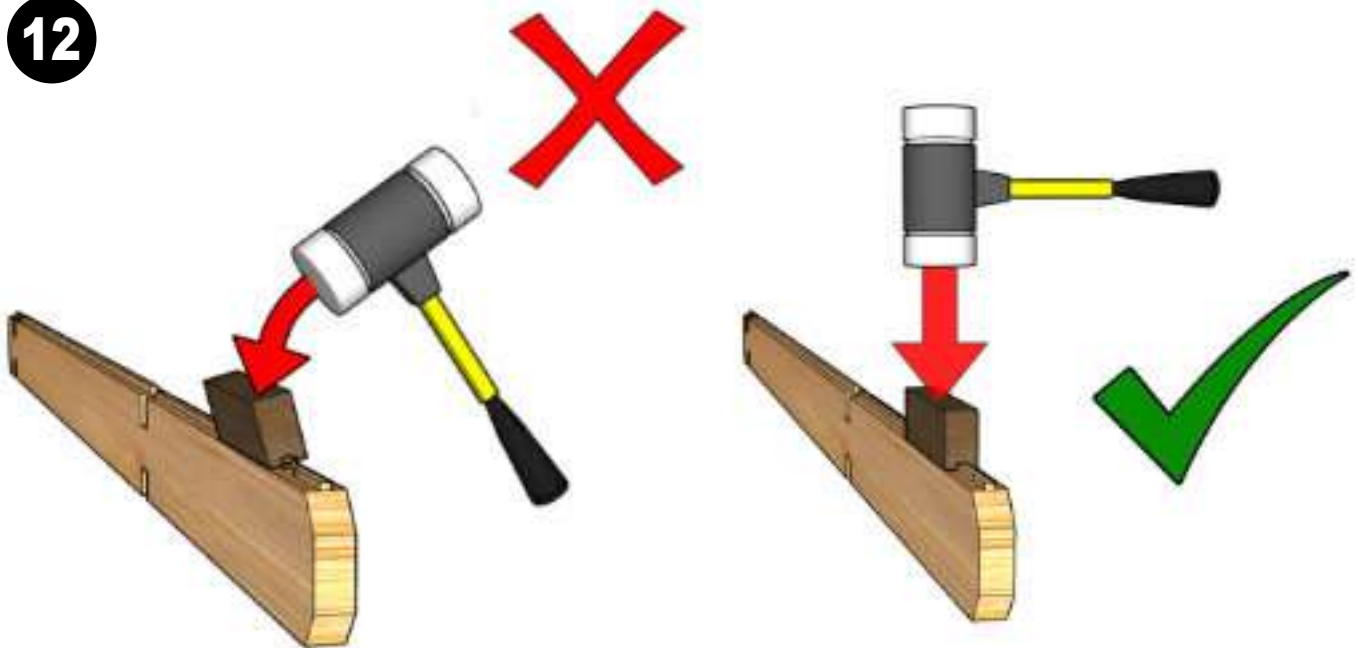
Walls

11



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

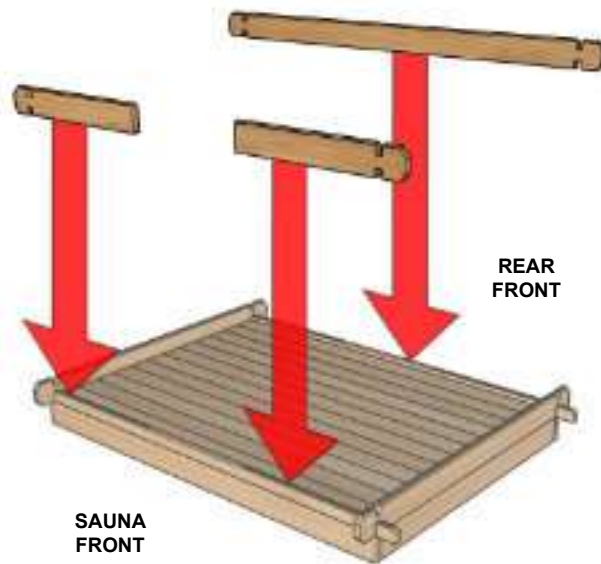
12



Use the tapping block to tap 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 cracking.

Walls

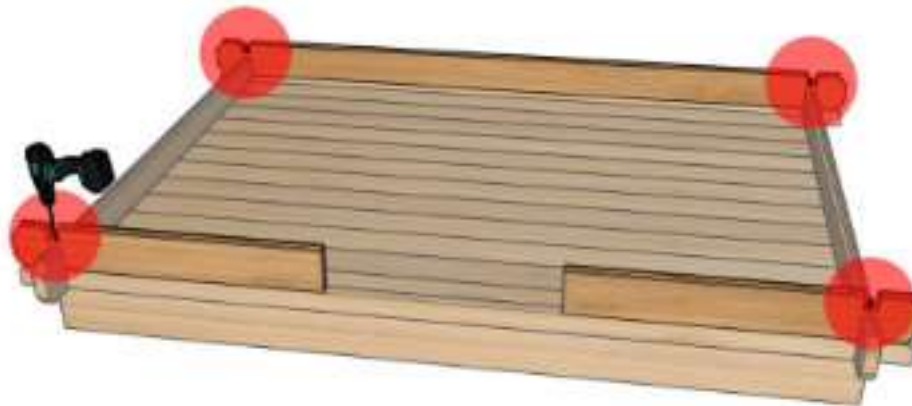
13



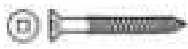
Place the small and medium staves into the grooves for the door side of the sauna.
Ensure the staves are securely inserted into the grooves using the tapping block.

14

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



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

15**4X**

5" (127 mm) Robertson



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

PLEASE NOTE: The screws fastened to each new layer of staves should be staggered so they do not align with the screws in the layer below. This helps preventing the screws from contacting one another.

16**4X**

5" (127 mm) Robertson

**4 Staves
High**

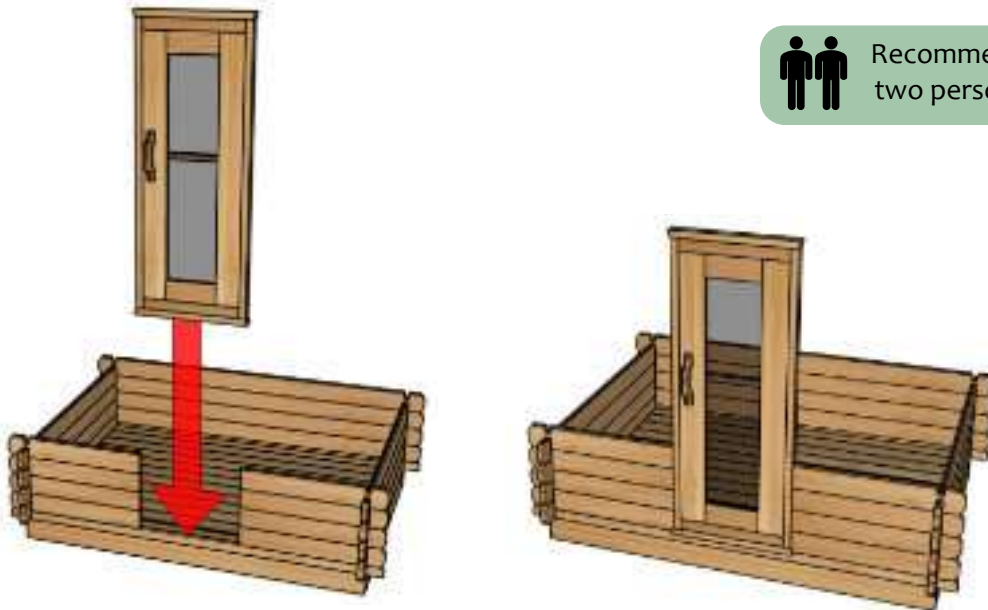
Follow **STEPS 14 & 15** alternating building the walls of the sauna. Place and fasten each stave until you have reached 4 staves high.

Walls

17

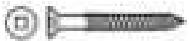


Recommended
two person job

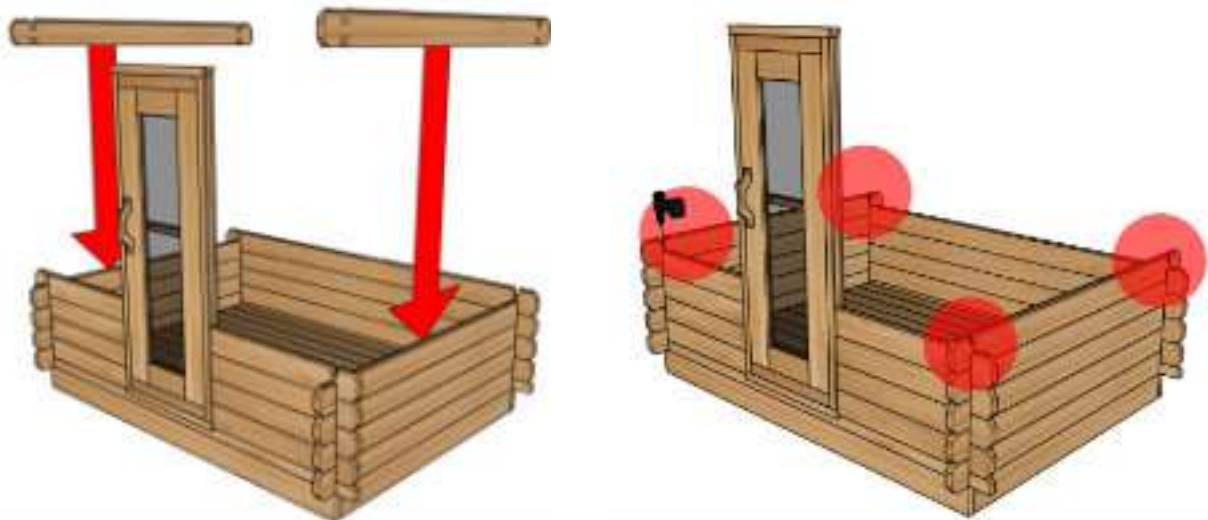


Slide the door between the staves on either side of the door frame

18



4X
5" (127 mm) Robertson



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

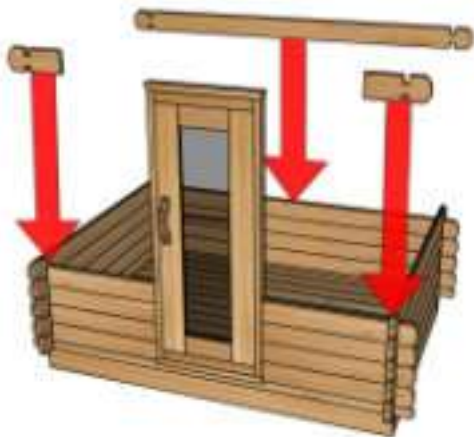
Walls

19



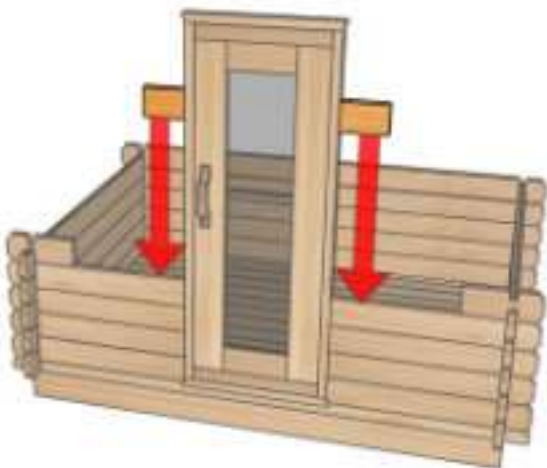
4X

5" (127 mm) Robertson



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

20



Place and slide the small stave along the door groove and lay onto the groove of the bottom stave.

Walls

21



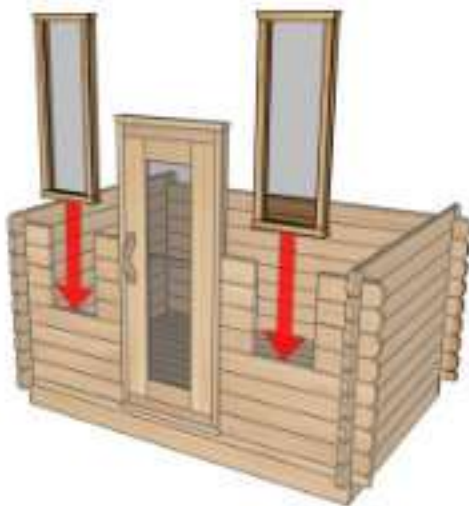
5" (127 mm) Robertson



} 3 Staves
High

Continue adding staves following **STEPS 18,19 & 20** alternating building the walls of the sauna. Place and fasten each stave until you have reached 3 staves high.

22



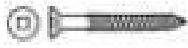
Recommended
two person job



Slide the windows between the stave on either side of the window opening. Ensure that the bottom of the window is aligned with the staves of the window opening and the groove located under the window.

Walls

23



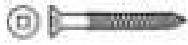
4X

5" (127 mm) Robertson



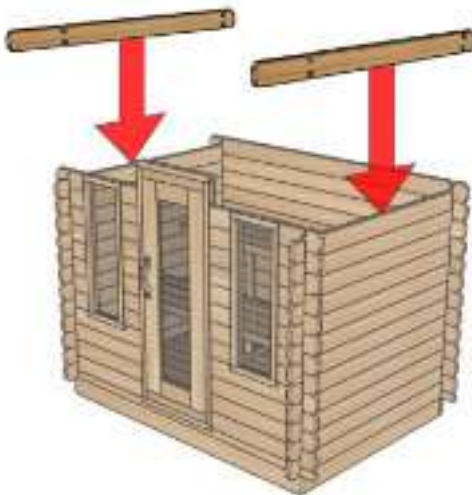
Continue adding staves following **STEPS 18,19 & 20** alternating building the walls of the sauna. Place and fasten each stave until you have reached the top of the windows.

24



4X

5" (127 mm) Robertson

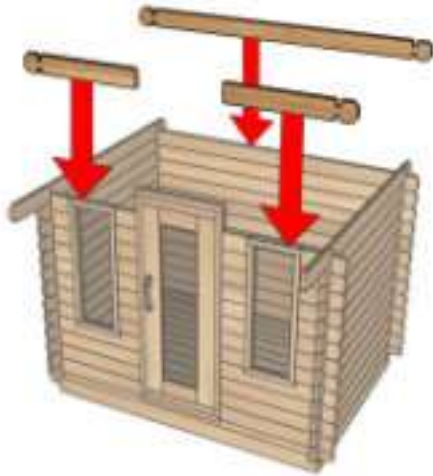


Place and fasten a longer **84"** stave on each sidewall.

Walls

25

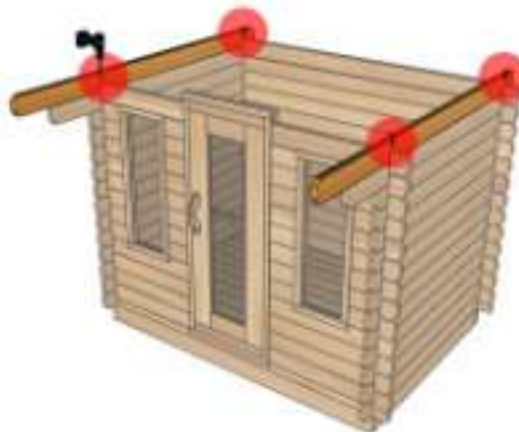
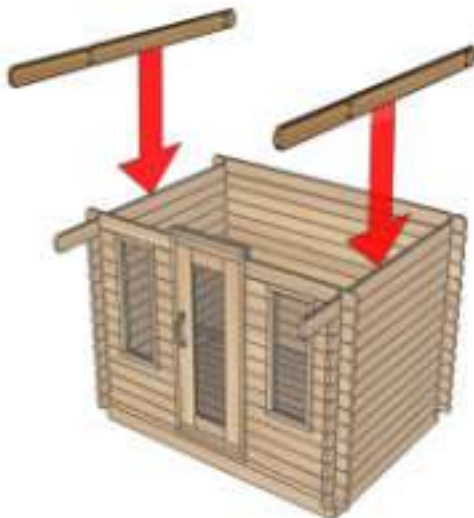
 **4X**
5" (127 mm) Robertson



Continue adding and placing staves for the front and back of the sauna.

26

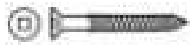
 **4X**
5" (127 mm) Robertson



Place and fasten a **95"** long stave on each sidewall.

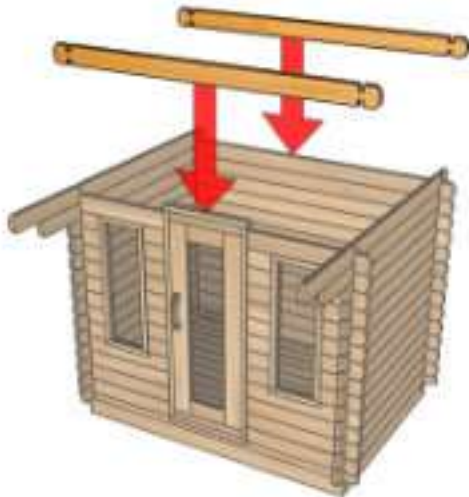
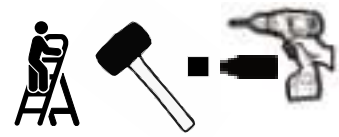
Walls

27



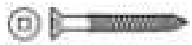
4X

5" (127 mm) Robertson



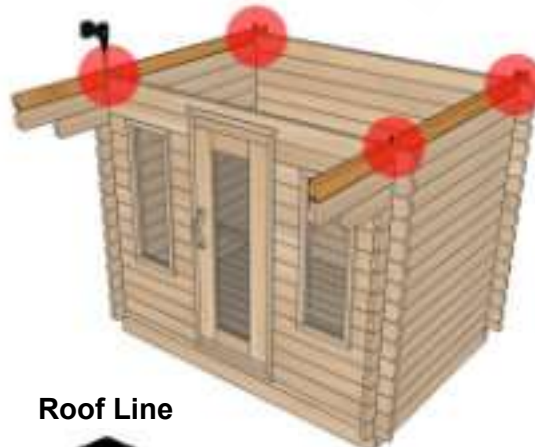
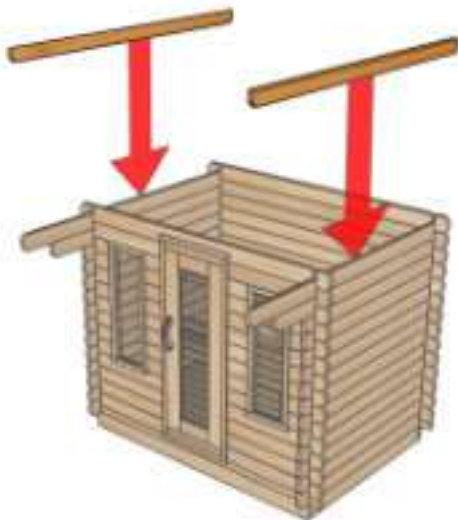
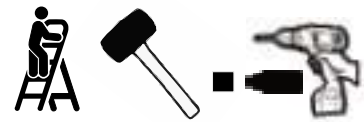
Place and fasten the front and back stave.

28

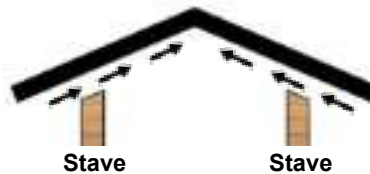


4X

5" (127 mm) Robertson



Roof Line



Stave

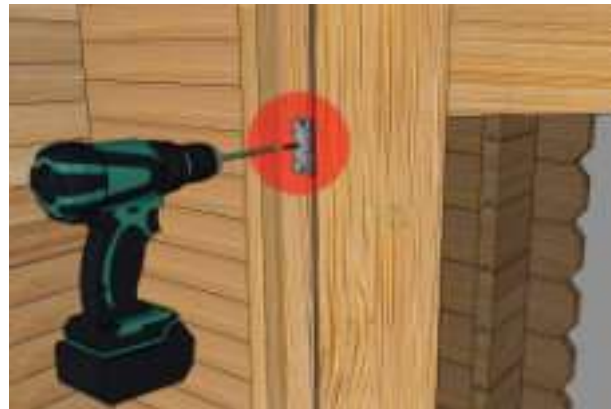
Stave

Place and fasten the angled side staves. Ensure that the stave profile matches the angle of the roof line with the highest point facing the inside of the sauna.

Walls

29

 **4X**
3" (76 mm) Robertson



Fasten the door frame in 8 places. For the side that contains hinges fasten the door frame using the middle holes of the hinge for the top and bottom of the door.

30



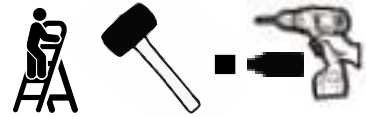
Recommended
two person job



Place the roof peak on the front of the sauna. Ensure it is firmly placed on the groove of the stave below it.

Walls

31  **4X**
5" (127 mm) Robertson



Fasten the roof peak to the sauna frame on both sides in the pre-drilled holes.

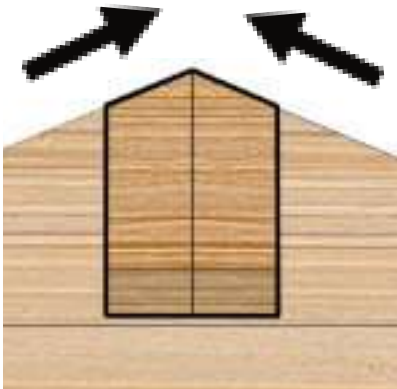
32



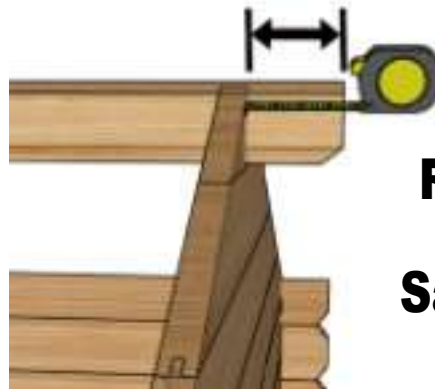
Repeat **STEPS 30-31** for the roof peak on the rear of the sauna.

Walls

33



4 5/8"

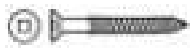


**Rear
of
Sauna**

Place the top beam into the slots on the top of each peak. Space the top beam between the two peaks and then use a rubber mallet to tap the top beam tight into the slots of the sauna peaks.

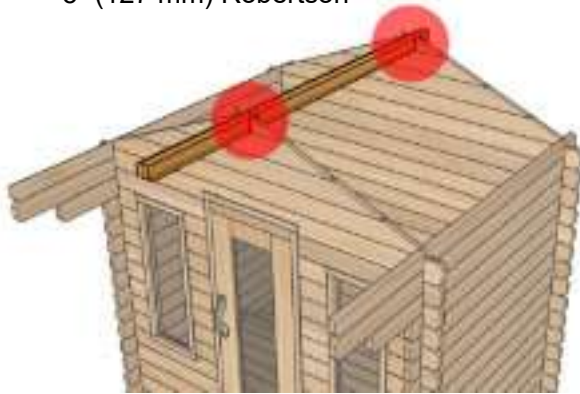
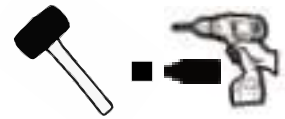
Roof

34



4X

5" (127 mm) Robertson

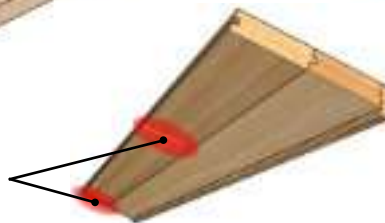


Secure each end with a screw on each side of the peak.

35



Notches on the stave
should be oriented
downwards



Place the starter roof section on both the front and rear of the sauna.

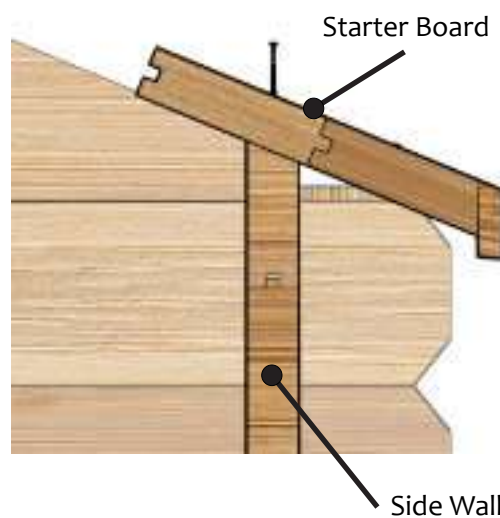
Roof

36



4X

3" (76 mm) Robertson



Fasten the starter board with 2 screws on each end. Also place 4 more screws evenly spaced from the top of the starter board into the side walls of the sauna.

Roof

37



Continue adding 8 roof staves to fill one side of the roof. Ensure each stave is fit tightly to the next from both ends. The top stave will be slightly wider without a groove at the top.

38



32X
3" (76 mm) Robertson



Fasten each roof stave with 2 screws on both ends. Ensure all screws are fastened into the front wall.

Roof

39



5X
3" (76 mm) Robertson



Fasten 4 screws centered along the peak into the roof support beam.

40



Repeat **STEPS 35-39** for the opposite side of the roof.

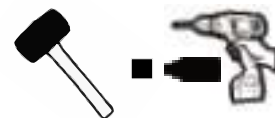
Roof

41



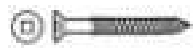
3" (76 mm) Robertson

4X /fascia board



Fasten 4 equally spaced screws in the fascia board. Turn over a second fascia board so it is the inverse of the first board and fasten with 4 more screws. Repeat this **Step** for two additional fascia boards.

42



3" (76 mm) Robertson

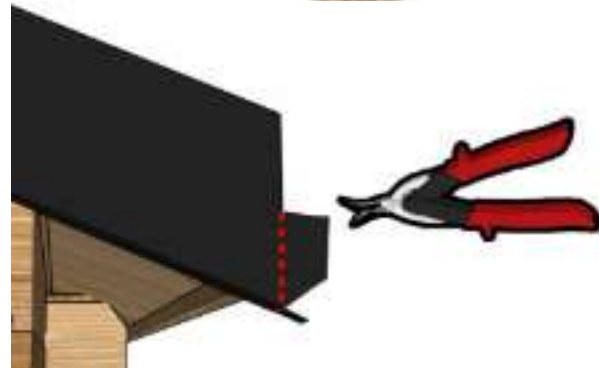
4X



Place and fasten two fascia boards to the front roof of the sauna. Repeat this **Step** for the rear roof area of the sauna.

Metal Trim & Roof Panels

43



1



2

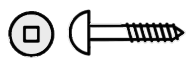


3

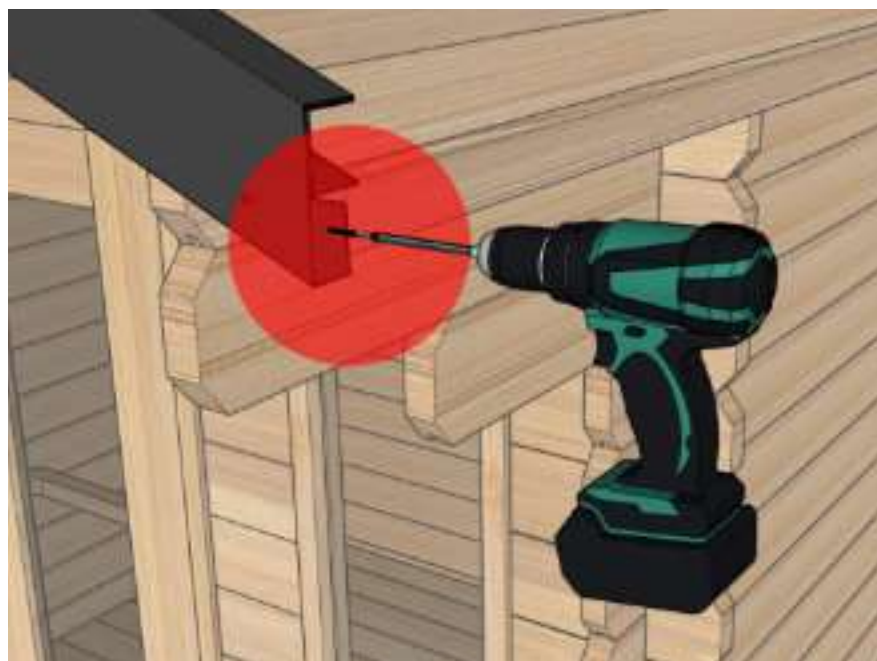
Slide the front trim piece onto the roof fascia of one side of the sauna front. With tin snips remove the upper portion of the trim. Trim and shape the bottom portion of the trim to create two flanges that will cover the end of the roof fascia.

Metal Trim & Roof Panels

44



7X
3/4" (19 mm) Robertson



Fasten the front metal roof trim along the front, bottom and end of the trim.

Metal Trim & Roof Panels

45



Place and fasten the remaining metal trim pieces following **STEPS 43-44**.

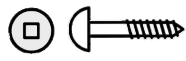
46



Position & slide the side trim piece on the sides of the roof.

Metal Trim & Roof Panels

47



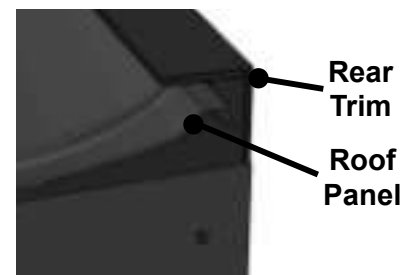
3/4" (19 mm) Robertson

4X /side



Fasten the side trim with 4 screws along the sides and 4 screws on the bottom of the trim.

48



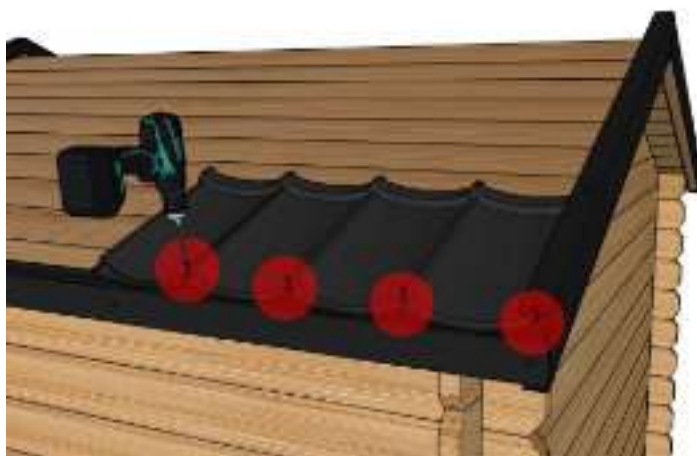
Position the first roofing panel on the rear bottom of the sauna roof. Ensure the panel's edge slides into the rear trim slot (see image above).

Metal Trim & Roof Panels

49  **4X**
1 1/2" (38 mm)




1/4" (6 mm) Socket



Fasten the panel at the bottom of the ribs. Leave the ridge on the far left of the panel unfastened so it may interlock with the next roof panel.

50



Slide the second roof panel underneath the ridge of the fastened panel. Follow **STEP 49** for fastening the panel. Ensure the last ridge is unfastened.

Metal Trim & Roof Panels

51



Slide the third roof panel inside the front trim slot and fit underneath the ridge of the fastened panel beside it.

52

 **5X**
1 1/2" (38 mm)



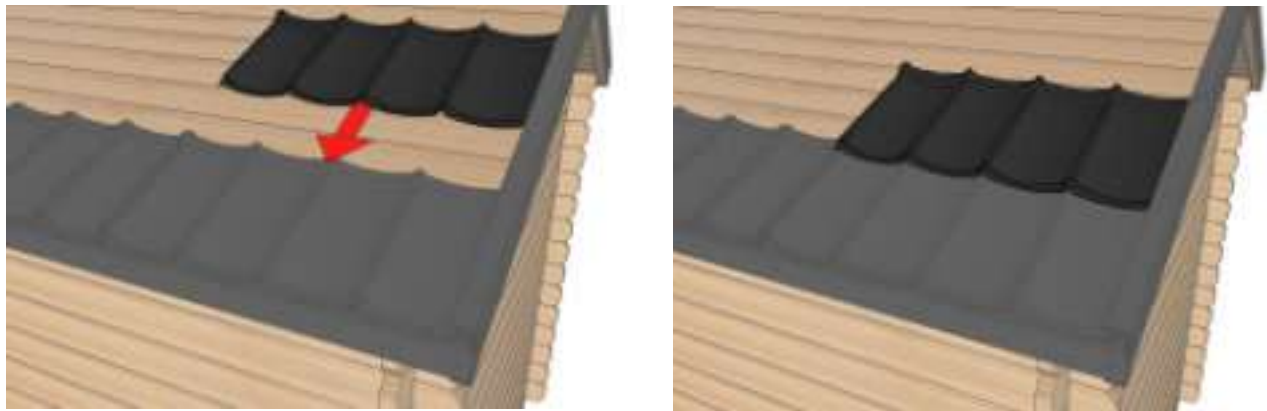
 **1/4" (6 mm) Socket**



Fasten the panel at the bottom of each ridge.

Metal Trim & Roof Panels

53



Stack the roofing panel over the top rim of the one on the rear bottom. Ensure the panel's edge slides into the rear trim slot.

54



As a guide follow **STEPS 48-53** for adding roof panels to the second and third row.

Metal Trim & Roof Panels

55



The fourth row of roof panels will be shorter in length than the previous panels installed.
As a guide follow **STEPS 48-52** for this final row.

56



Follow **STEPS 48-55** for installing the opposite side of the roof.

Metal Trim & Roof Panels

57

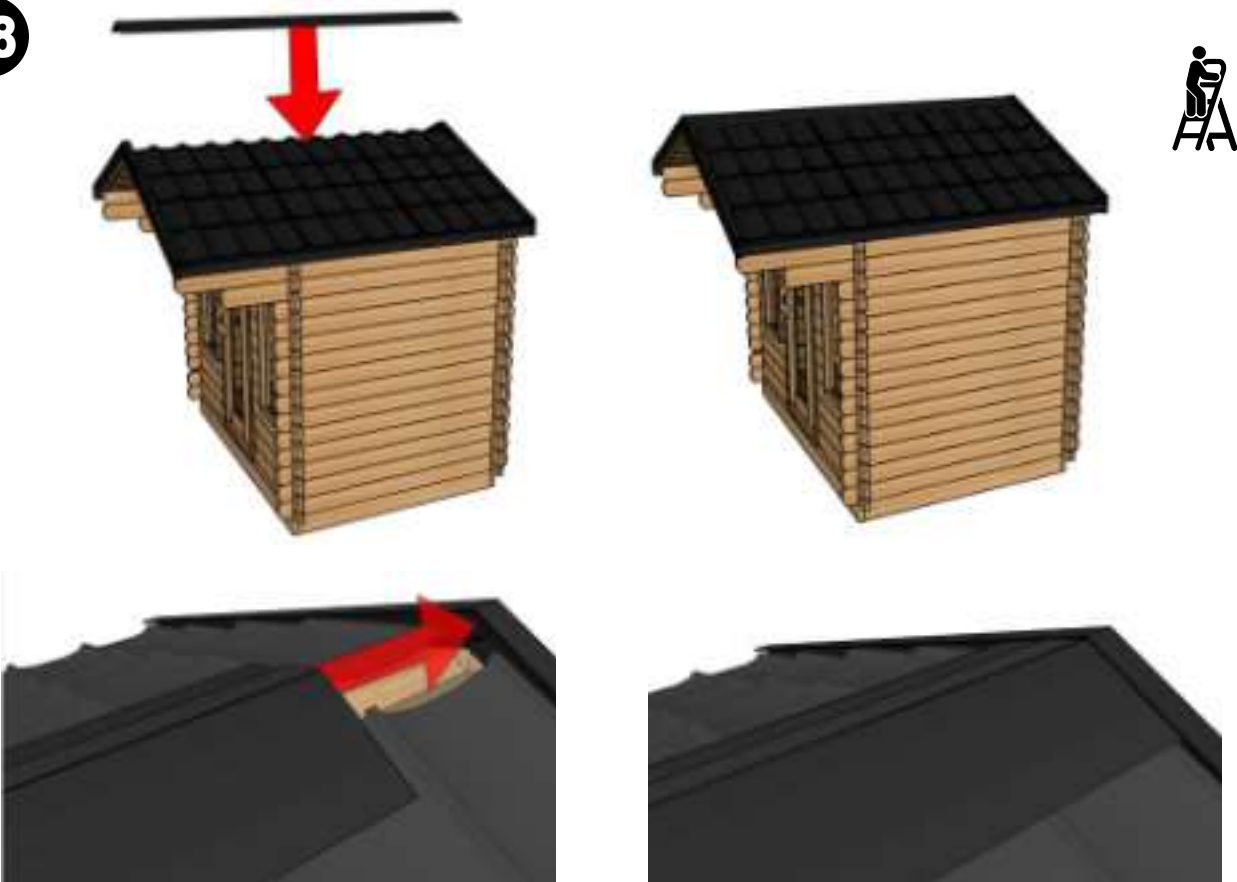


M-Seal Tape Roll



Place and stick M-Seal on either side of the bottom of the ridge cap.

58



Place the ridge cap on the peak. Ensure it is placed inside the front/rear trim on either end of the sauna.

Benches

59  **13X /side**
1 1/2" (38 mm)

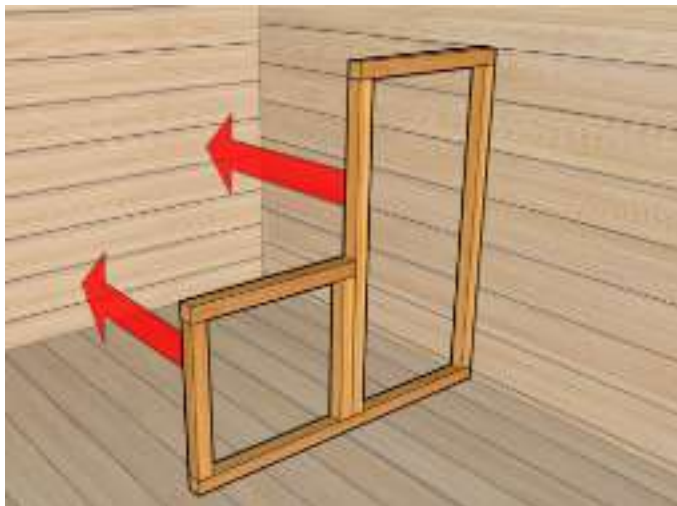


1/4" (6 mm) Socket



Fasten the cap on top of each tile ridge. Repeat for the opposite side of the ridge cap.

60



In the interior of the sauna place a bench support on the rear side of the sauna. With a pencil mark the profile of the bench support(See image above).

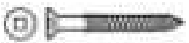
Benches

61



Using the marking from the last **Step** place two studs that line up with the inside of the markings.

62



3X/ stud

3" (76 mm) Robertson



Fasten the two studs with 3 screws each.

Benches

63

Repeat **STEPS 60-62** for the opposite side of the sauna.

64



Place the top bench on the top supports. Ensure it is evenly placed between the supports.

65

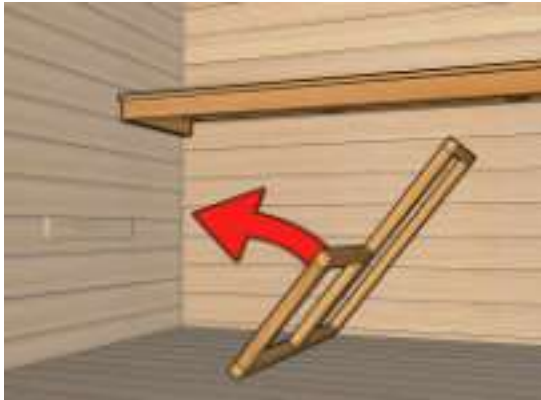
 **4X**
3" (76 mm) Robertson



Fasten the bench to the bench supports underneath.
Fasten the bench using the gaps between boards for a cleaner look.

Benches

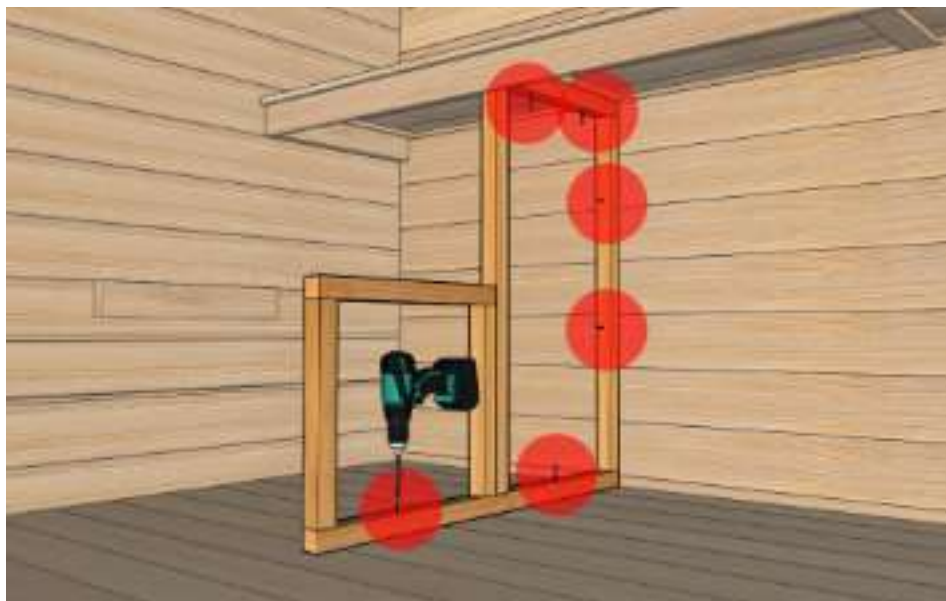
66



Place the bench support under the supporting beam on the bottom of the bench.

67

 **4X**
3" (76 mm) Robertson



Fasten the bench support.

Benches

68



Follow **STEPS 66-67** for the second bench support.

69



Place the bottom bench on the bottom bench supports.

70

Follow **STEP 65** to fasten the bottom bench sides.

Benches

71



2X
3" (76 mm) Robertson



Fasten the bottom bench beam to the bench support. Repeat this **Step** for the second support.

72



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



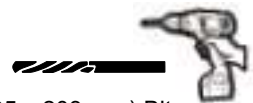
Vents

73



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 with a pencil all the dots shown in the above image.

74



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

75

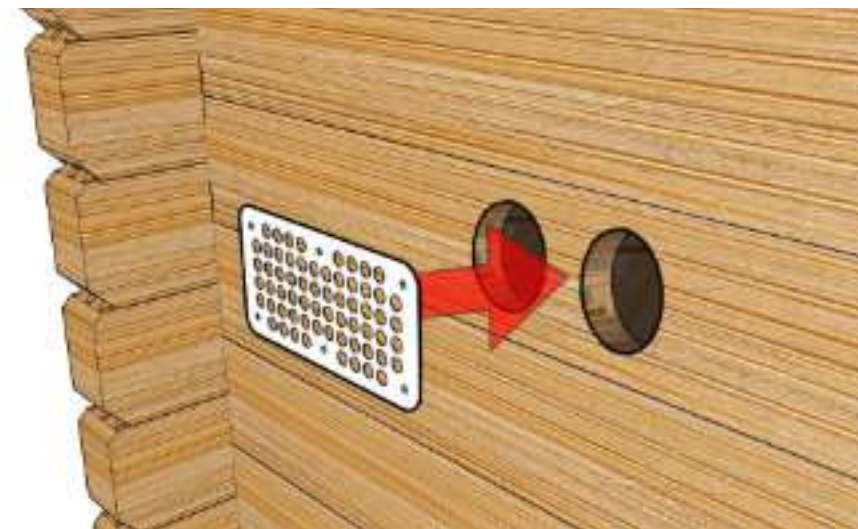
2" (51 mm) Holesaw
INCLUDED WITH KIT 



Use the two inch (51 mm) hole saw, included with your sauna kit, to create two holes over the area from **STEP 74**.

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

76



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

77

6X 

Provided screws in vent kit

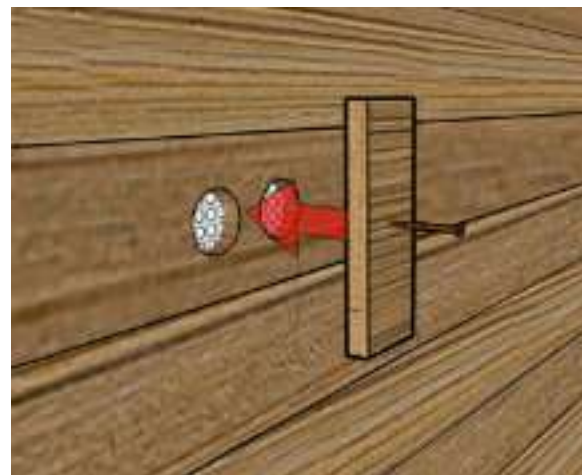
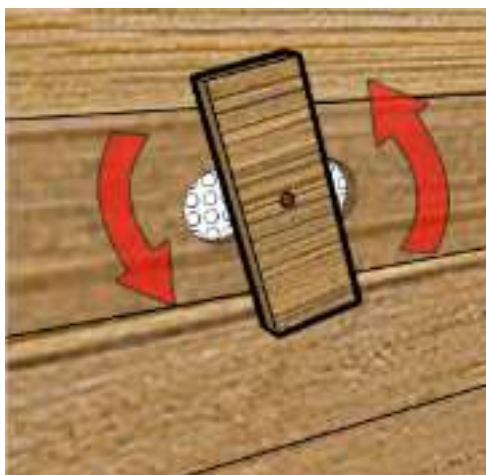


Fasten the vent cover on the outside wall with the six provided screws.

78

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

79



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 73-77** as a guideline for installing the intake vent.

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

Vents



That concludes the basic instructions for the
Palmer 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 level and positioned so it may rotate without hitting the wall.

Accessory Install Section

Towel Hook (Optional)

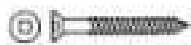


1 1/2" (38 mm) Robertson

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.

Notes

Notes

Notes

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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ALIS NATURAL OIL FOR EXTERIOR WOOD

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



Black



Light Teak



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Sesame



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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:

Phone: 888-923-9813 Email: support@leisurecraft.com



Please ensure you fill out your warranty card!



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