

coldture

Xtreme Outdoor Sauna

Assembly Instructions

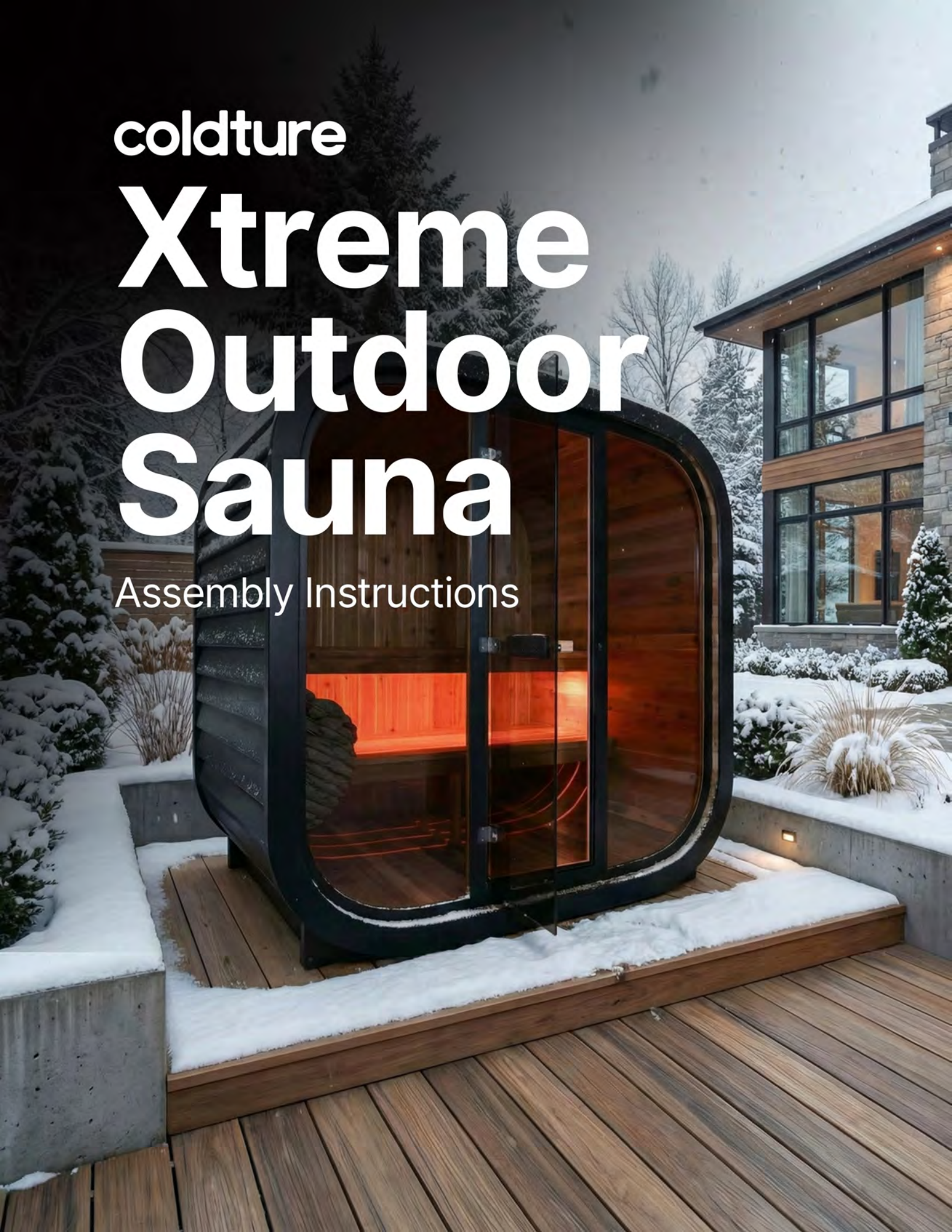


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CONGRATULATIONS

on the purchase of your

OUTDOOR SAUNA

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

☐


4 Foot Level

☐


2" Hole Saw with bit for
cordless driver or drill.
1 1/2" size minimum

☐


Utility Knife

☐


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

☐


Mallet

☐


or



Staple Gun or
Nail/Staple Gun

☐


Pencil

☐


or



9/16" Wrench
or Adjustable

☐

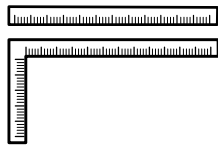

Hammer for
optional thermostat

☐


Square

☐


Tape Measure

☐


Long Ruler/Yard Stick
Drywall Square

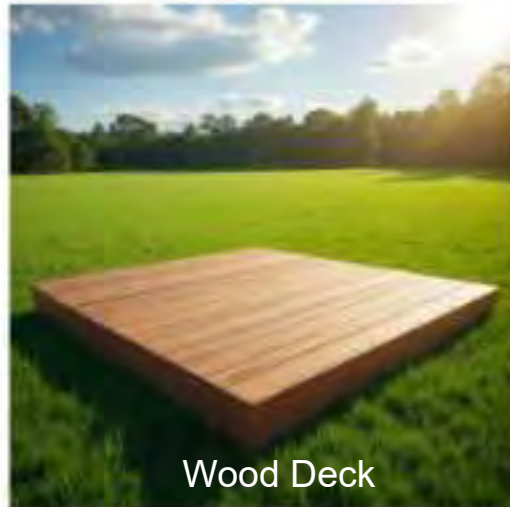
☐


Ladder or Step Ladder

☐

Sauna Base Preparation

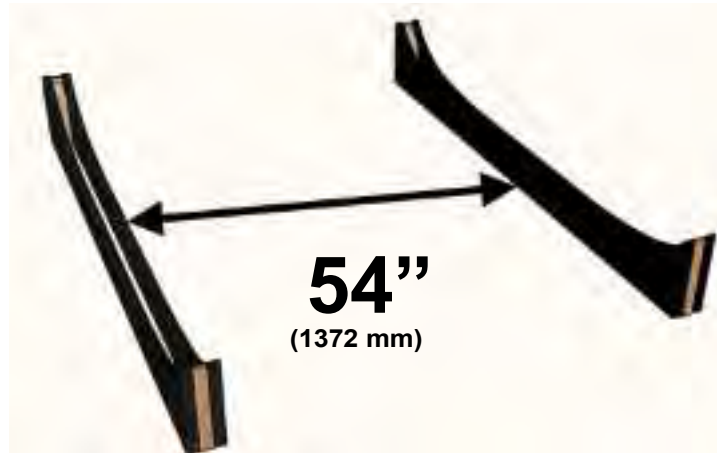
Ensure the base for your sauna is level with a slight slope to the back for drainage. A solid base for your sauna is recommended and can be made from the following.



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

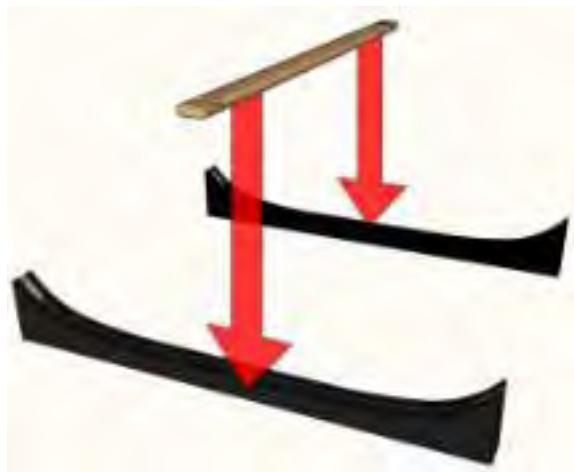
Bottom Frame

1



Set aside an open area to work on your sauna build. Space two cradles approximately 54" apart.

2



**Starter Center
Stave**



Position the starter center stave in the middle of both cradles. Please note the starter center stave looks different than other staves as it has two rounded ends.

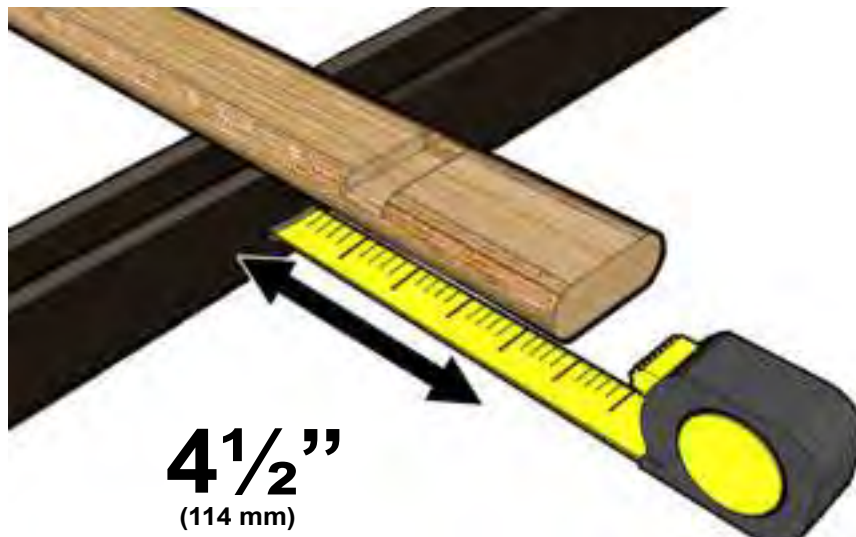
Bottom Frame

3



Measure and space the center stave 37.75"(959 mm) from the cradle end.

4



Ensure the center stave is placed 4 1/2"(114 mm) from the front of the sauna build.
Repeat this for the back end of the sauna build.

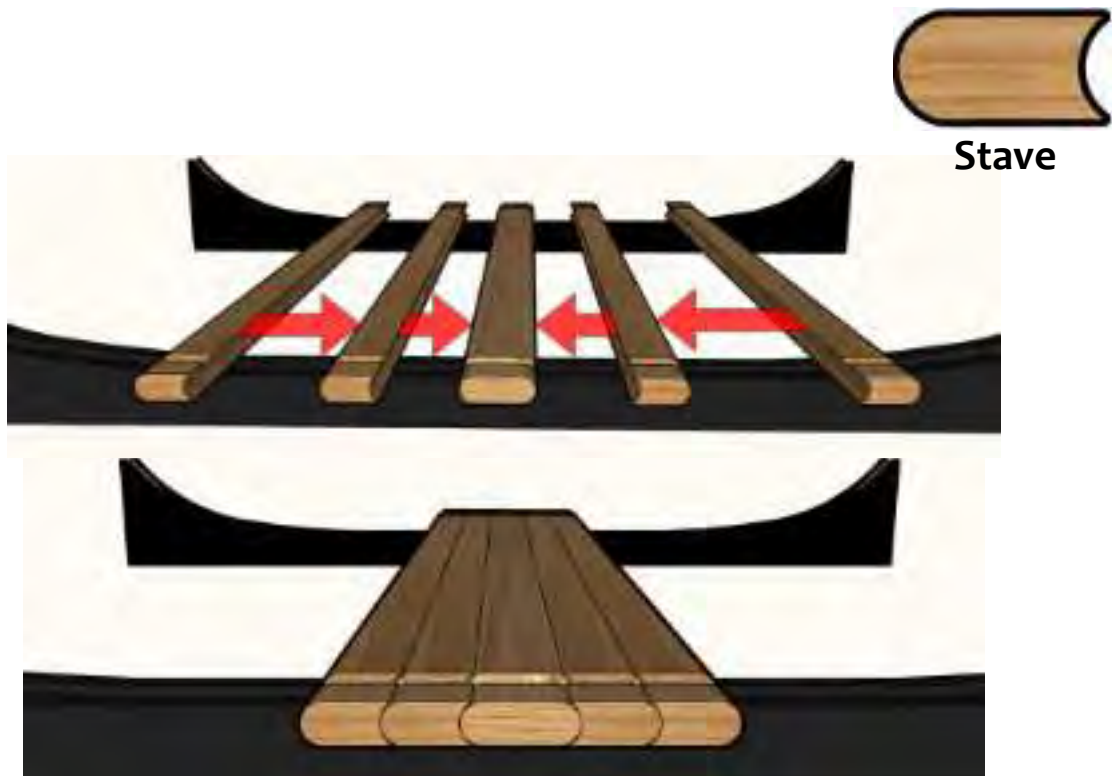
Bottom Frame

5



Ensure the frame is square.

6



Begin placing staves on either side of the starter stave. Please notice the pattern of how the staves are placed (See above). Ensure that each stave is snugly fit next to the stave beside it.

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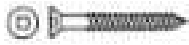
Bottom Frame

7



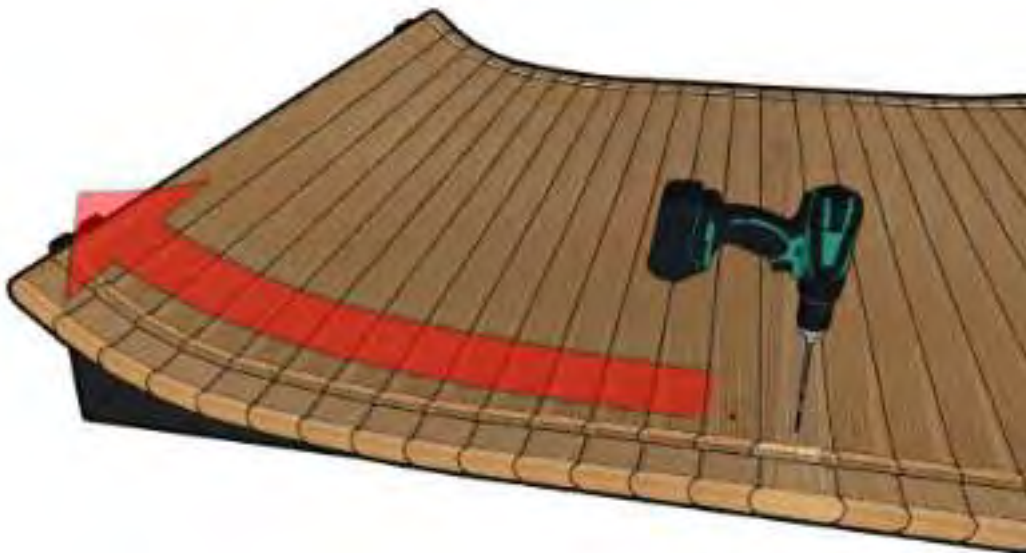
Continue placing staves on either side of the starter center stave until the cradle is filled.
Ensure that each stave is snugly fit next to the stave beside it.

8



2X/ board

2 " (51 mm) Robertson



Fasten the staves in place. Work from the center starter stave to the outside of each side.
Repeat **STEP 8** for the second cradle.

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Front & Back Wall

9



Recommended
two person job



Using a helper, stand up the back wall and place in groove at the rear of the sauna.
Ensure it is centered on either side of the floor platform.

10

Wall Stave



Recommended
two person job



Repeat the process for the front wall. Once both are centred in the grooves, use any wall stave to temporarily brace the walls to prevent them from falling. This will provide support while you build the side walls.

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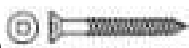
Front & Back Wall

11



Ensure that both walls are level.

12



2X/ board

2" (51 mm) Robertson



Add staves around the radius and wall of the sauna. Ensure there is a tight fit between staves.
Fasten each stave to the front and back wall with a screw.

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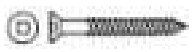
Side Walls & Roof

13



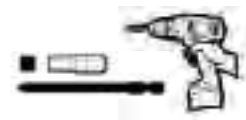
Inspect and ensure all staves fit nicely together with no gaps,

14



2X /stave

2" (51 mm) Robertson



Continue adding and fastening staves until you reach close to the top center of the sauna.
Leave the last four staves not fastened.

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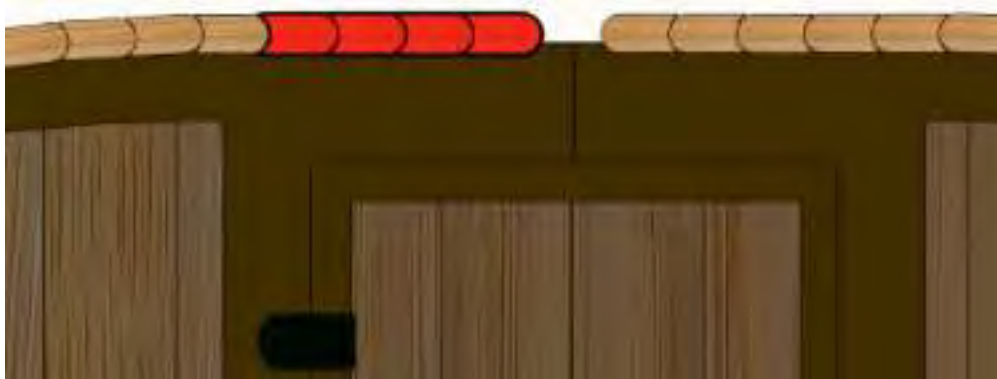
Side Walls & Roof

15



Following **STEPS 12-14** continue adding and fastening staves on the opposite sauna wall.

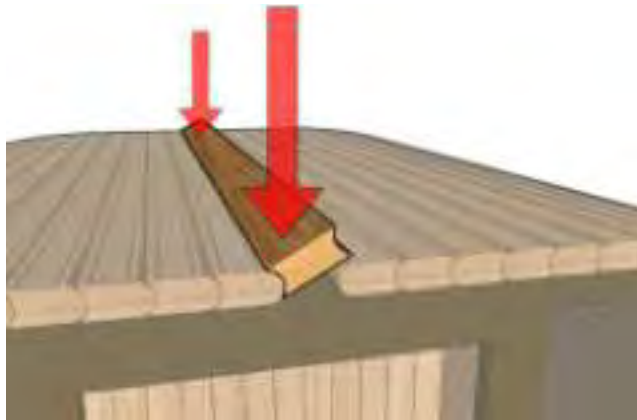
16



Ensure that the last four staves nearest to the center are left unfastened.

Side Walls & Roof

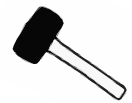
17



Stave

Find and place the last stave. This stave will be different than the other staves and can be identified by the concave shape on either side of the stave.

18

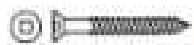


If necessary twist the staves on either side of the center top stave until all staves lay flat on the top of the wall. A mallet may help to position the staves.

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Steel Bands

19



2X /stave

2" (51 mm) Robertson



After ensuring a snug fit fasten all remaining staves. Do this for the front and back of each stave.

20

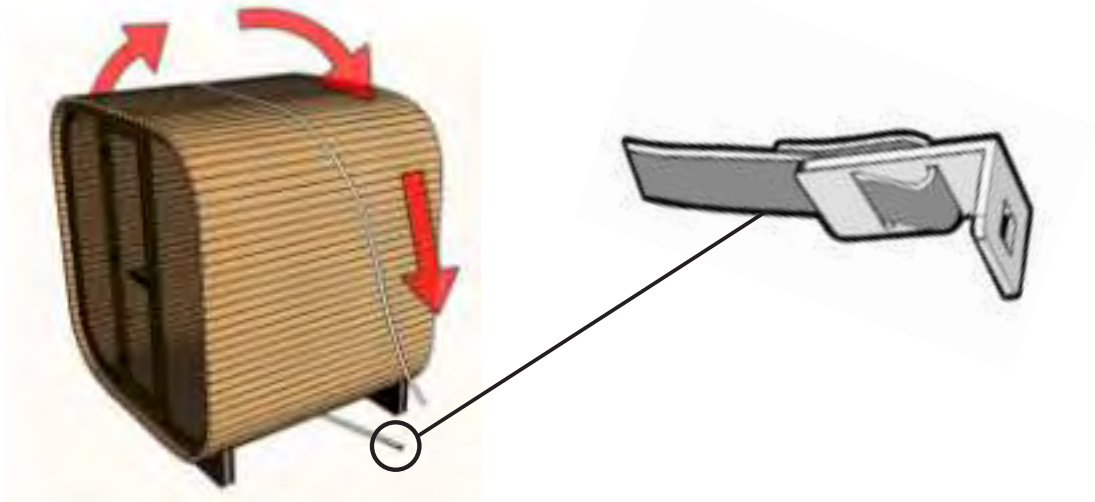


Find the steel band and a connection bracket. Pull the steel band through the top slot of the bracket and guide the band through the second slot (See images above).

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Steel Bands

21



Wrap the band around the sauna with the bracket end situated at the bottom.

22



On the upper end of the band loosely add a connection bracket.
Bring the end of the bands together with a nut and bolt to connect the brackets.

Steel Bands

23



Remove the bolt connecting the brackets. The bend that was created on the upper bracket will be bent over and should be pulled through the second slot (See image above.)

24

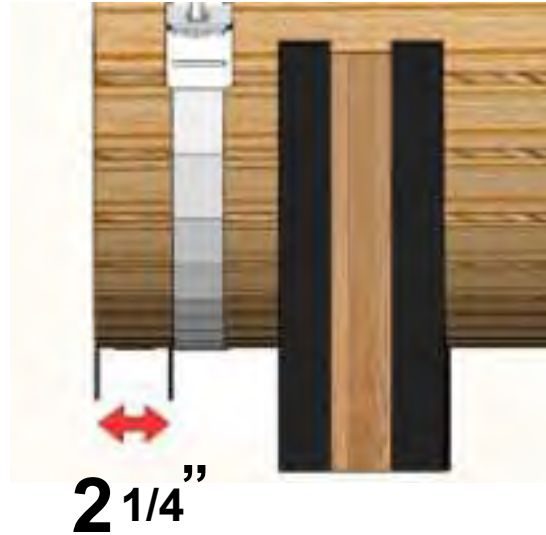


Reconnect the bolt loosely and slide the band near the cradle.

Steel Bands

25

 or 
9/16" Wrench or Adjustable



Tighten the band well using a wrench. Clamp a pair of vice grips to the bottom bracket to prevent the bands and brackets from twisting. Ensure the band is **2 1/4" (57 mm)** away from the edge of the sauna. The steel band should be situated above the the wall.

26

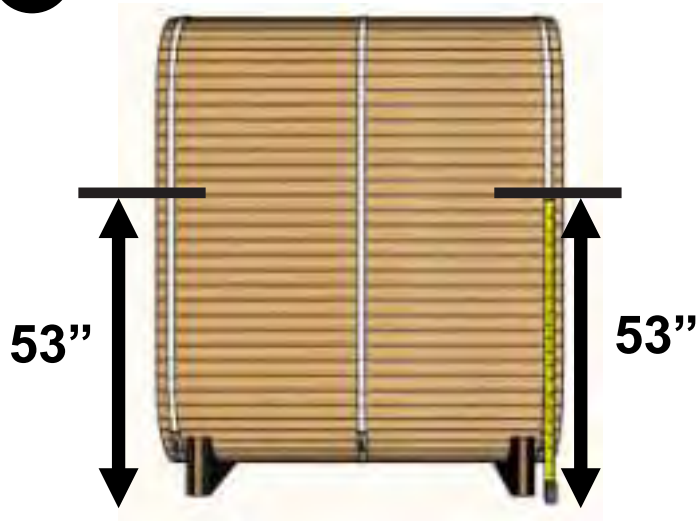


Follow **STEPS 20-25** for adding two more bands on the sauna. Place one at the center of the sauna and one at the opposite end at **2 1/4" (57 mm)** from the sauna's edge.

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Roof Membrane

27



From the ground measure **53" (1346 mm)** and mark with a pencil. Do this for both ends of the sauna.
These marks will help to keep your water and ice shield straight when installing.

28



Lay out your ice and water shield in an open space for cutting.
Measure and cut the shield to **73" (1854 mm)** long.
Use a square or drywall square to ensure the shield is cut square.

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Roof Membrane

29



Peel the film off of the sheet of ice and water shield.

PLEASE NOTE: The glossy strip of the ice and water shield should be placed on the top.

30



1 1/4"

Staples



Glossy strip



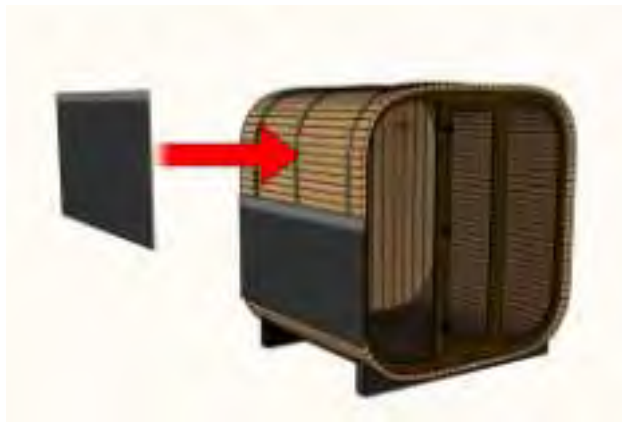
Place and align the shield with the **53"(1346 mm)** marks you made in **STEP 27**. Secure the shield with staples along the ends to hold in place. The ice and water shield will stick past the staves **1" (25 mm)** on both sides. Ensure the edge of the shield is facing upwards

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Roof Membrane

31

1 1/4"
Staples



Glossy strip



Following **STEPS 28-30** place a second water shield on the sauna side. Ensure that the bottom of the second water shield is aligned with the glossy section of the first sheet. The glossy section should be completely covered.

Roof Membrane

32



Follow **STEP 27-31** to install water & ice shields for the opposite side of the sauna.

33



After removing the film place and position the final shield on the top of the sauna.
Ensure there is a **1" (25 mm)** overlap on the front and back.
The water shield should be centered in the middle of the roof.

Siding

34



From the ground measure **16.75" (425 mm)** and mark with a pencil. Do this for both ends of the sauna.
These marks will help to keep your siding straight when installing.

35



Start the siding by placing the starter piece. Align the top of the piece with the marks made in **STEP 34**.

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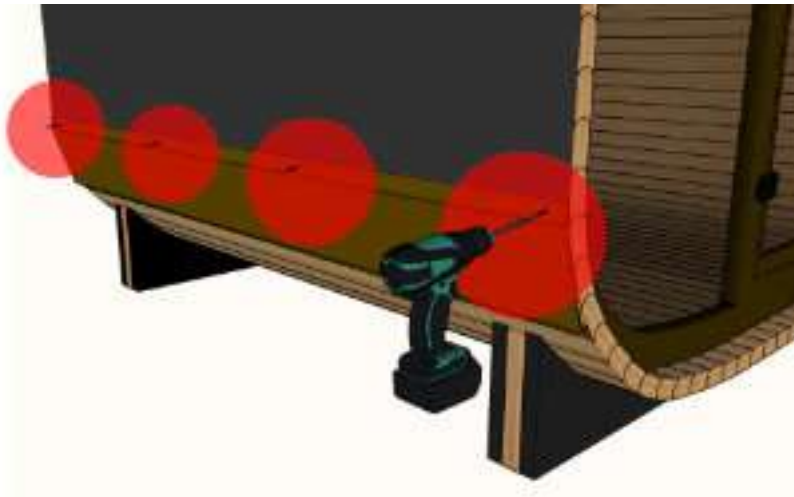
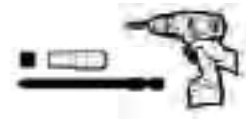
Siding

36



4X

1" (25 mm) Pancake Head Screws



Fasten the starter siding with screws.

37



Place the next siding piece overlapping with the starter piece.

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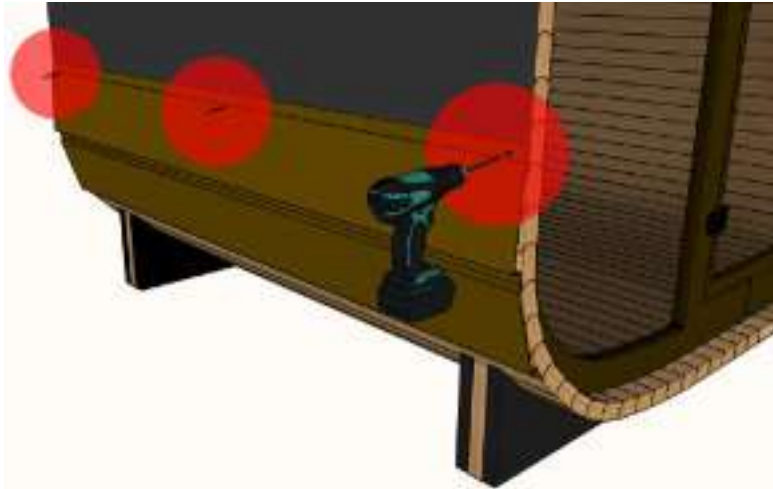
Siding

38



3X

1" (25 mm) Pancake Head Screws



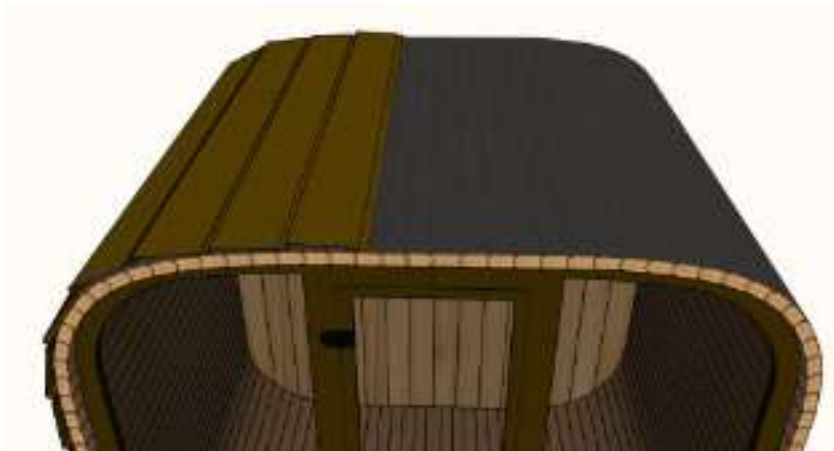
Fasten the siding piece with 3 screws.

39



3X

1" (25 mm) Pancake Head Screws

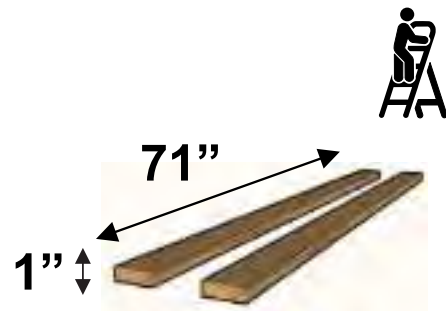
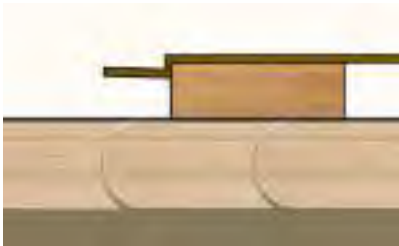


Continue adding siding pieces overlapping with the previous siding piece. Once you get to the center near the top of the sauna, start the process on the other side of the sauna following **STEPS 34-39**. Leave the end pieces unfastened.

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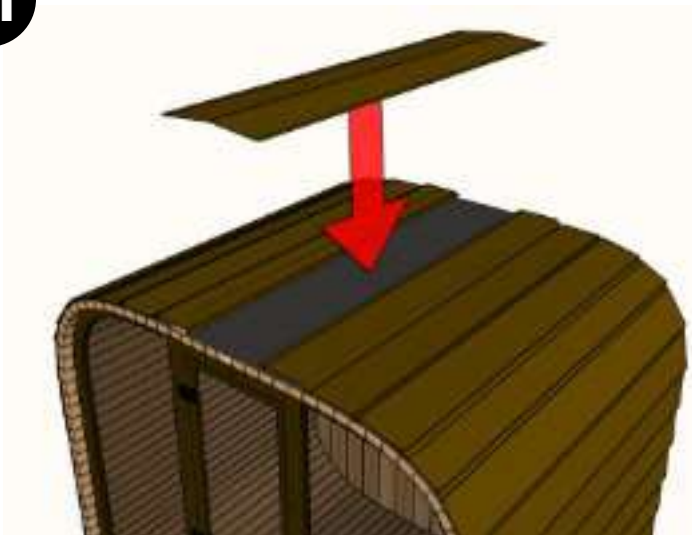
Siding

40



Find and place two boards **1" x 71"** (**25 x 1803mm**) underneath the end tile pieces.

41



Ridge cap

Find and place the ridge cap on the center of the sauna. Ensure it is placed evenly between both sides.

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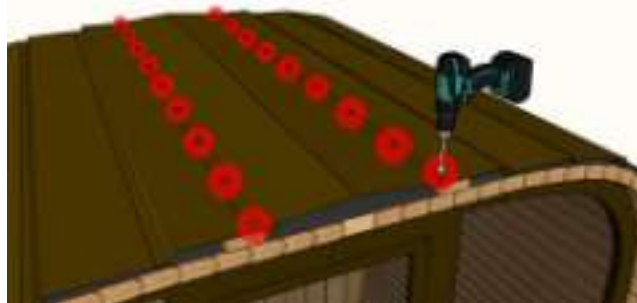
Trim

42



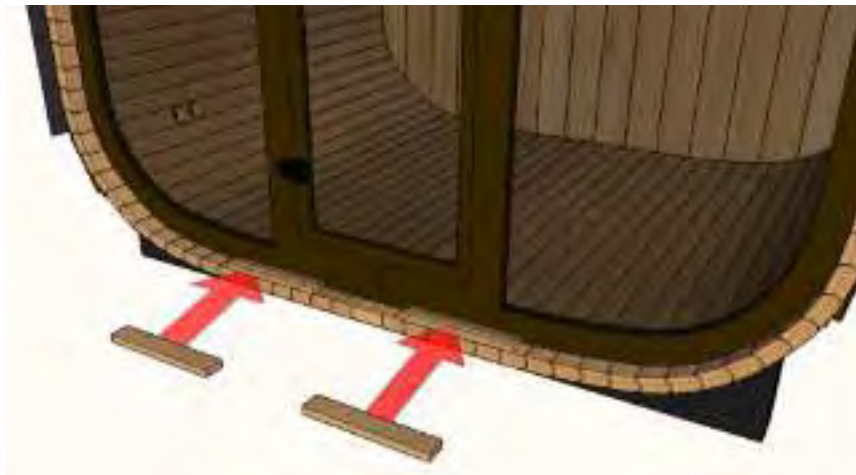
18X

1 1/2" (38 mm) Pancake Head Screws



Fasten the ridge cap with roof screws into the wooden boards installed in **STEP 40**.
Add 9 screws to each side of the ridge cap.

43

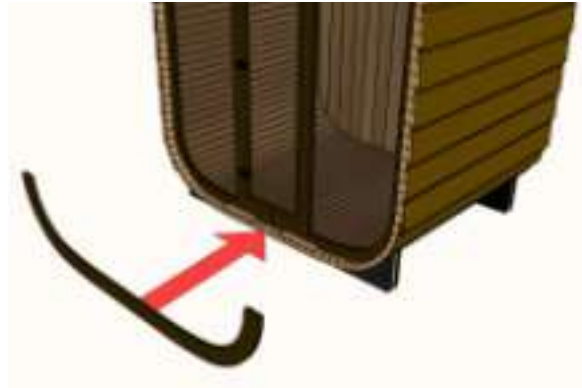


Set some small **3/4" (19 mm)** thick boards (included in kit) on the bottom rim of the front wall.
Ensure the pieces are sitting level on the rim and they are not sitting on the radius of the sauna rim.
These pieces will act as a guide for installing the front trim on the sauna.

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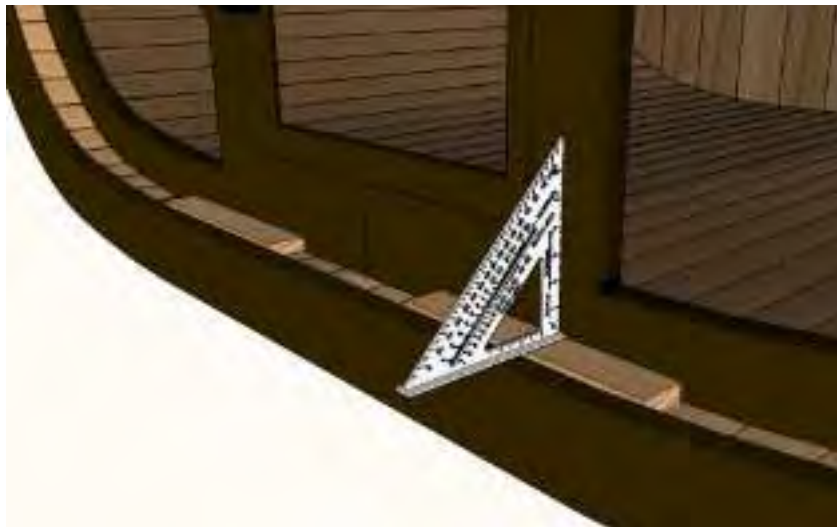
Trim

44



Place the bottom trim against the staves of the bottom rim of the sauna.

45

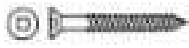


Ensure the bottom trim is positioned flush with the **3/4" (19 mm)** boards.
Center the bottom trim piece evenly on the rim of the sauna.

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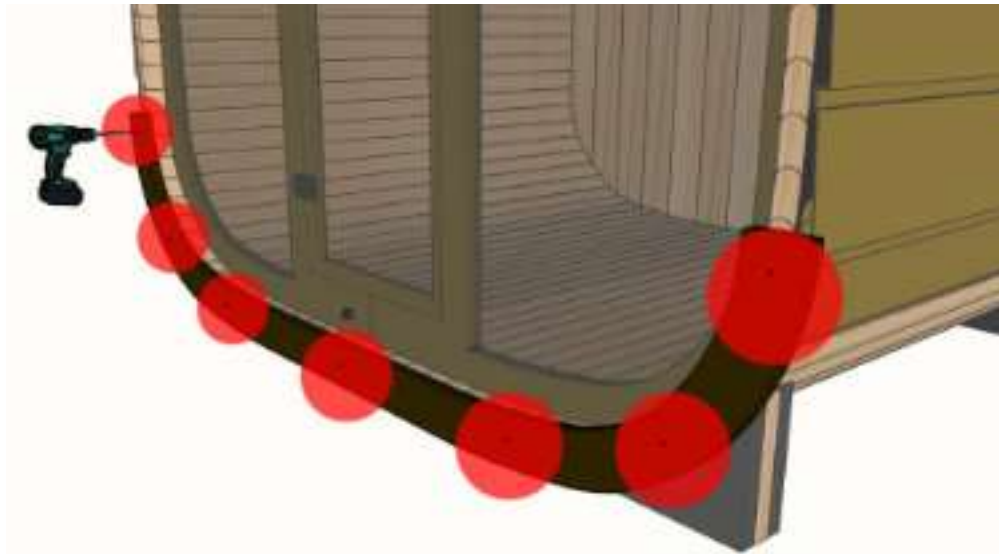
Trim

46



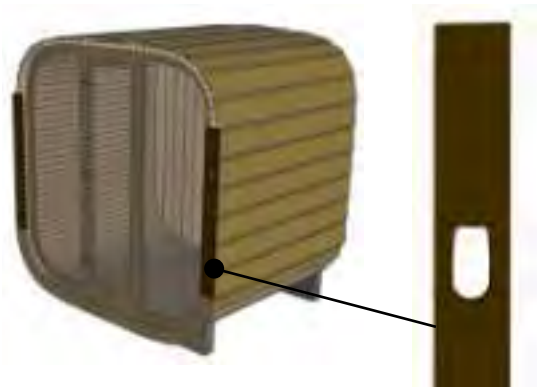
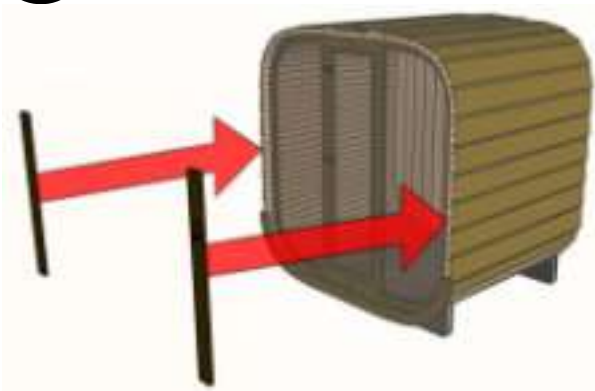
7X

Screws contained with trim kit



Fasten the bottom trim pieces on the sauna rim in the predrilled holes.
Close each plastic cap on the screws after fastening.

47

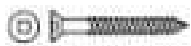


Place the two straight trim pieces on the sauna. One trim will contain a cutout.
This can be placed on either the right or left side of the sauna depending on your preference
when installing a heating controller. Please orient the piece as shown in the image above.

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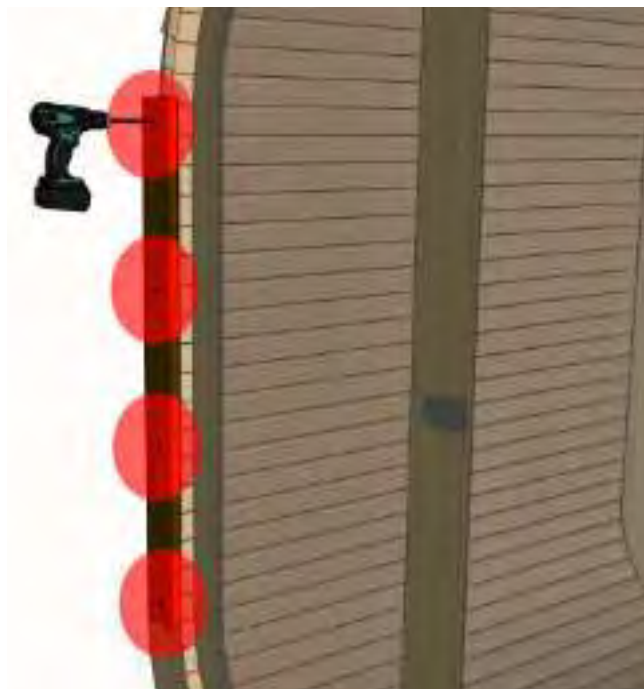
Trim

48



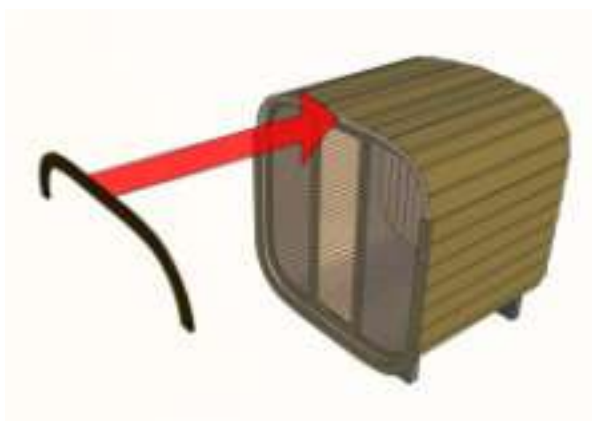
4X

Screws contained with trim kit



Fasten the side trim pieces on the sauna rim in the predrilled holes.
Close each plastic cap on the screws after fastening.

49

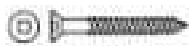


Place the top trim on the side trim pieces.

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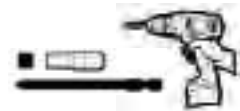
Trim

50



7X

Screws contained with trim kit



Fasten the top trim pieces on the sauna rim in the predrilled holes.
Close each plastic cap on the screws after fastening.

51



Follow **STEPS 43-50** for the trim on the rear of the sauna.

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Benches

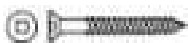
PLEASE NOTE: The following instructions demonstrate the installation of a typical bench setup. Your setup may differ slightly depending on the options you may have for your bench placement and may require a different setup.

52



Place the bottom support bench with screws.

53



2X

2" (51 mm) Robertson



Fasten the bottom support bench with screws.

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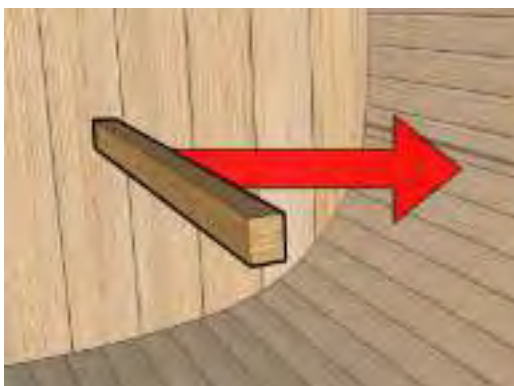
Benches

54



Lay a 4 Foot level on the bench support on one end and against the side wall on the other.
After ensuring it is level make a mark from the bottom of the level onto the side wall.
Repeat **STEP 54** for the opposite wall.

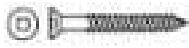
55



Place the wood block supporter on bottom of the mark made in **STEP 54**.

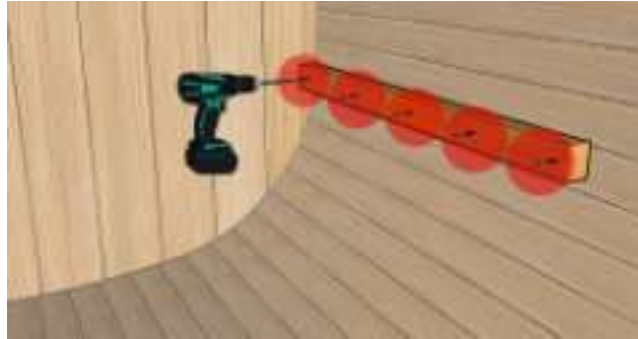
Benches

56



5X

2" (51 mm) Robertson



Fasten the wood block supporter to the sauna wall. Repeat **STEPS 55-56** for the opposite wall.

57

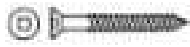


Slide the large bench on the block supporters. Ensure it is placed against back wall.

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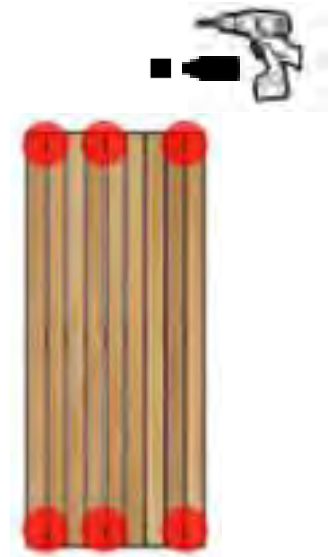
Benches

58



6X

2" (51 mm) Robertson



Secure the bench to the supporters with screws.
Position the screws between the bench slats so they are not as visible.

59



From the bench top measure **16" (406 mm)** and mark.
This will be the reference for the second seat support.

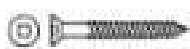
Benches

60



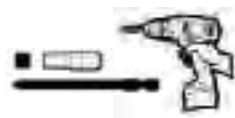
Place the wood block supporter on bottom of the mark made in **STEP 59**.

61



5X

2" (51 mm) Robertson???



Fasten the wood block supporter to the sauna wall. Repeat **STEPS 59-61** for the opposite wall.

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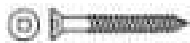
Benches

62



Slide the small bench on the block supporters. Ensure it is placed against the back wall.

63



4X

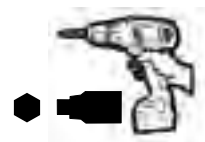
2" (51 mm) Robertson



Secure the small bench to the supporters with screws.
Position the screws between the bench slats so they are not as visible.

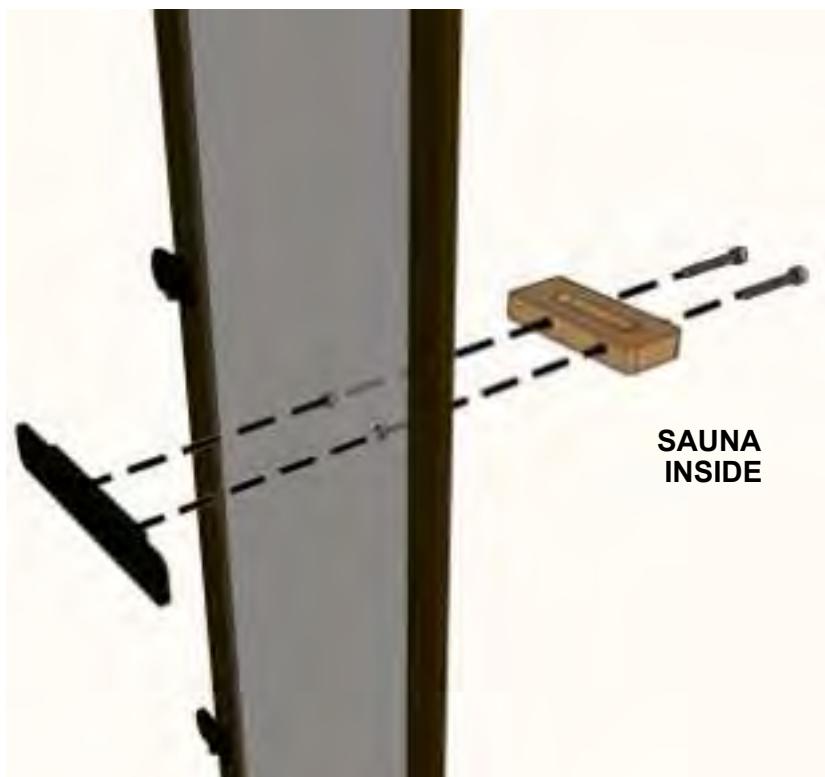
Door Handle

64



Use allen key contained
in the door handle kit

SAUNA
OUTSIDE



SAUNA
INSIDE



Assemble and install the door handle.
Assemble the door handle to the door frame using the hardware provided.

coldtute

Vents

65



Position the vent cover on the upper front wall on the inside of the sauna.

66



Using the vent cover as a template mark off the dots as shown with a pencil.

Vents

67

2" (51 mm) Holesaw Recommended
1 1/2" (38 mm) Minimum



Remove the vent cover and use a two inch hole saw to add two holes side by side for the vent. Add each hole between the four pencil marks etched on the wall from **STEP 66**.

PLEASE NOTE: Only drill half way through the wall to avoid splintering the wood.

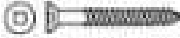
68

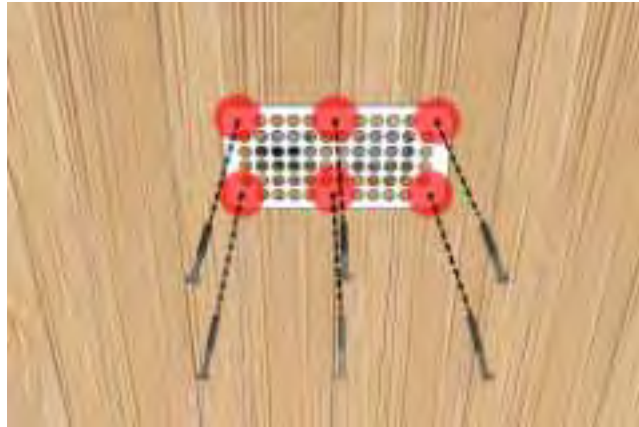


Continue drilling out the holes from the outer wall of the sauna.
On the outer wall of the sauna position put the vent cover over the two holes.

Vents

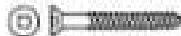
69

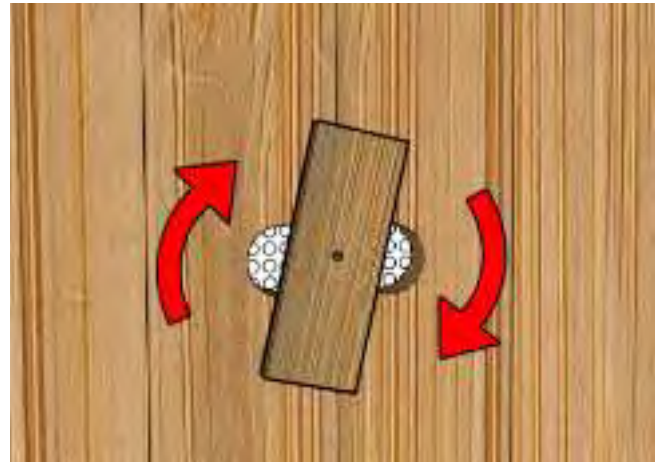
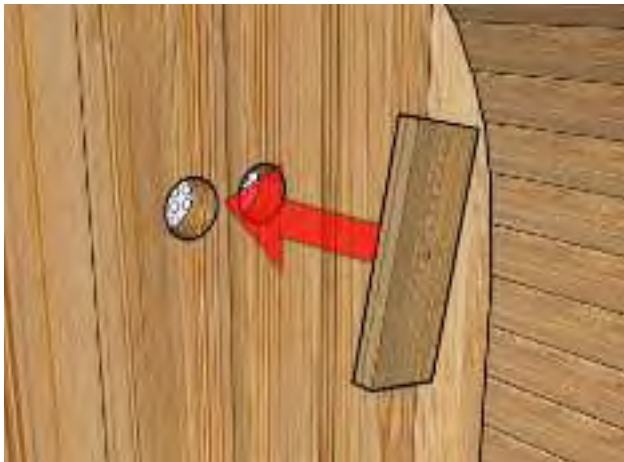
 **6X**
Provided screws



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

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 **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.

coldture

Vents

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From the inside of the sauna repeat the process shown in **STEPS 66-69** along the side of the sauna below the bench area. The vent plate will be installed on the inside of the sauna.

Extra care may be needed when cutting through the tiling and water shield.

That concludes the basic instructions for the
Coldtune Xtreme Sauna.

We hope you enjoy your sauna.