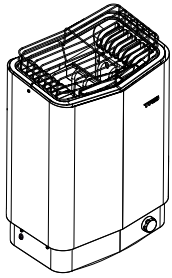
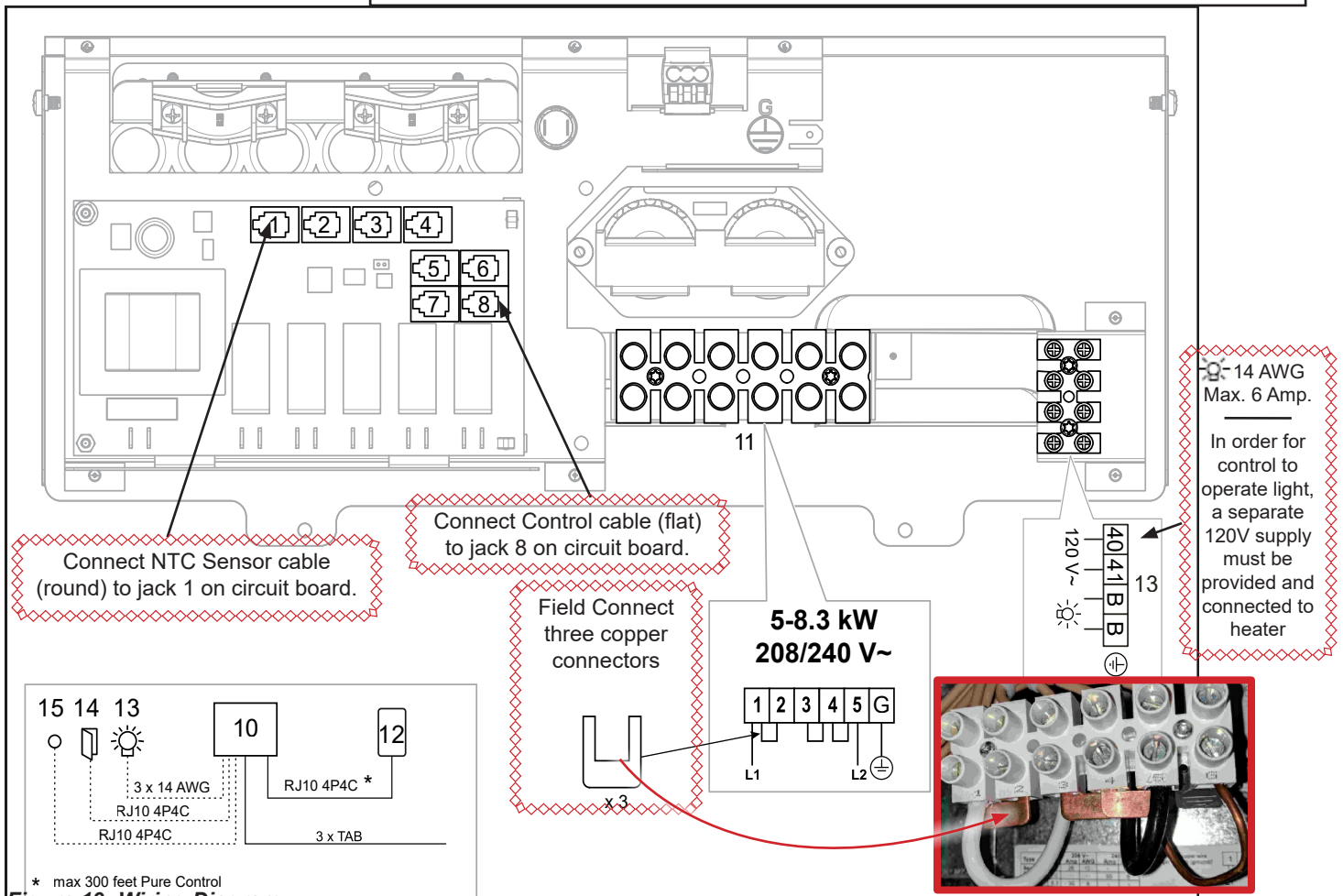


CONNECTION/WIRING DIAGRAM



TAB	208 V 1 Phase			240 V 1 Phase		
Model	Amperage Amps	Output kW	Wire Size AWG	Amperage Amps	Output kW	Wire Size AWG
Sense - U 5	-	-	-	21	5	10
Sense - U 6	-	-	-	25	6	10
Sense - U 7	26	5.3	10	30	7.0	8
Sense - U 8	30	6.3	8	35	8.3	8

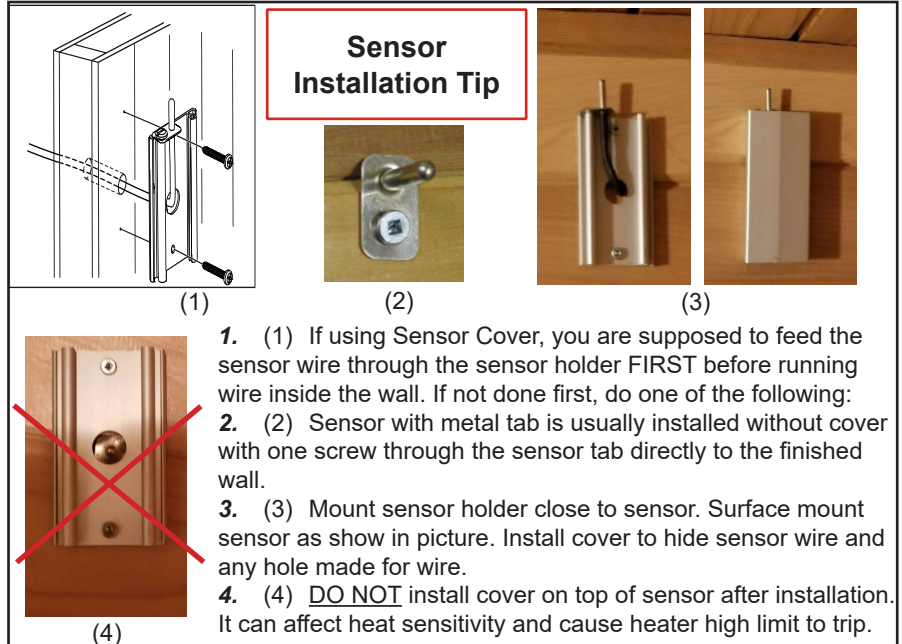
Note: Heating elements do not change for voltage changes. The heater output will change based on the voltage applied to heater. Most North American homes are 240v.



Use List Below to Identify Components in Figure 19: Wiring Diagram (Above)

1. NTC Sensor - Sense Pure. (jack # 1)
2. External Switch (Optional jack # 2)
3. Door jumper pre-installed (jack # 3)
4. N/A
5. N/A
6. N/A
7. N/A
8. Pure 2.0 Control (jack # 8)
9. N/A
10. Heater
11. Terminal for connection of electrical cable
12. Pure 2.0 Control (jack # 8)
13. Sensor - Sense Pure (jack # 1)
14. Light/terminal for connection of light
15. Door Switch is not required for N. America
16. External On/Off Switch (option)

Sensor Installation Tip



1. **CAUTION:** Heater junction box can be a tight fit. Make sure no bare wires come in to contact with circuit board, on/off switch or any other heater components. Extra care should be taken when closing junction box cover to ensure wires are not being pushed out of position.
2. Some prefer or are required to make a weather-proof connection. If so, you may use Liquid tight conduit for the wire exposed within the sauna. For more flexibility, you can install weather proof junction box inside sauna below heater and use flexible SOOW wire to connect to heater

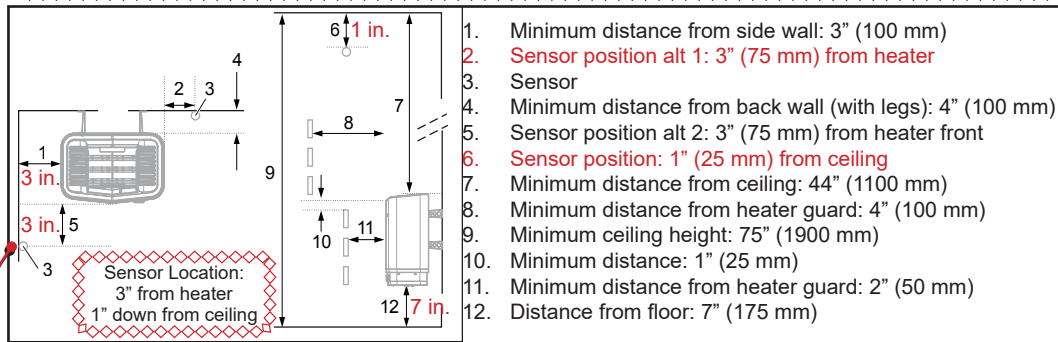
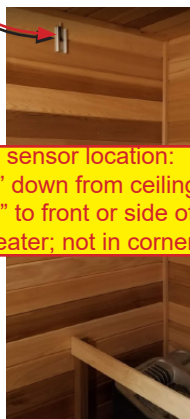
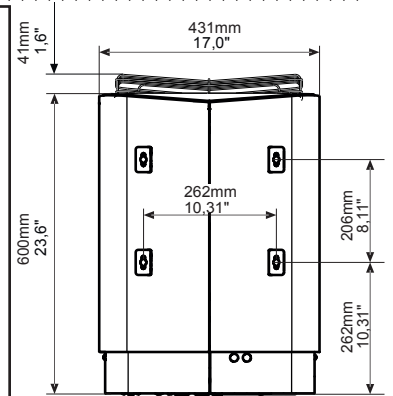


Figure 3: Position the sensor according to the picture.

** Pure 2.0 Control distance to heater is max 300 feet



sensor location:
1" down from ceiling
3" to front or side of
heater; not in corner.

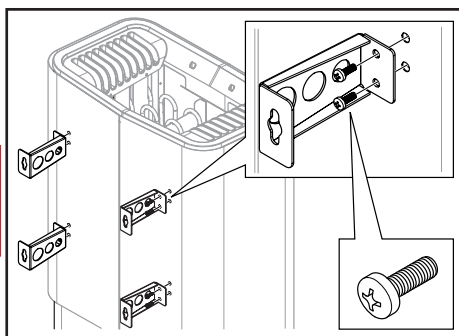


Figure 11: Attaching the brackets to the heater

Unscrew the first two screws on the back of the heater and screw one of the four brackets into place. Repeat the procedure until all of the brackets are fitted see Fig. 11.

Note: If all the screws on the back are unscrewed simultaneously, the back plate may come loose. For this reason, attach the four brackets to the heater one at a time.

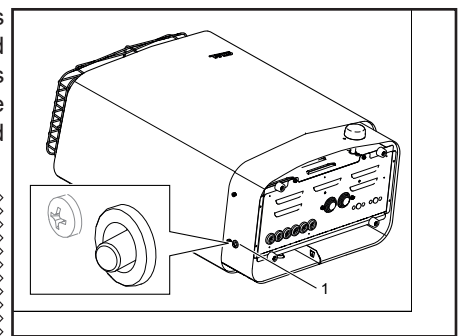


Figure 9: Resetting the temperature cut-out
1. Temperature cut-out sauna heater



Positioning the Pure 2.0 Control Panel

The control panel can be installed inside or outside of the sauna room.
(Outside is Typical)

Pure 2.0 Control Installation Instructions

The control panel can be installed inside or outside the sauna room. If the control is installed inside the room, install no higher than 3' (90 cm) above the floor. No closer than 12" (30 cm) to heater.

Installation without Mounting Bracket (Typical)

Cut a 1-3/16" (3 cm) hole through the wall big enough for the control panel connector.

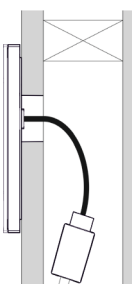
Attach the double-sided adhesive to the control panel. Before applying the control to the wall, connect it to the heater and electrically test everything first. Clean the surface where the control will be applied to remove all dust. Remove the protective backing from the adhesive. Silicone sealant can be applied in the groove on the back of the panel as an extra seal. Connect the control wire, push the excess wire through the hole in the wall and press the control panel firmly to the wall.

Installation with Bracket

Use the mounting bracket as a template to mark screws holes on the wall. Tighten the screws a little until the bracket is nearly secured.

Remove the bracket from the wall. Use adhesive to mount the control to the bracket. Remember to position the switch according to the picture.

Installation without Bracket



Install without Bracket:
Control stuck directly to the wall.
Control cable in the stud cavity.

Installation with Bracket



Install with Bracket:

Generally only used when control wire is surface mounted; i.e. solid log style outdoor sauna.

Date	Individual	Page	Description
2018-09-12	TF	All	Created QSG
2020-08-28	SR	All	<p>Added block for sensor location and changed sensor location information to red.</p> <p>Added image of terminal block with copper connectors to better illustrate field connection requirements, moved light circuit note to create room for added image of terminal block, and changed sensor holder images (3) to better show sensor installation when using sensor holder.</p> <p>Added image of sensor installed above heater, adjusted "Control Installation Instructions" section to better fit Pure 2.0 information and changed images for installation with and without bracket to better reflect each scenario as it relates to the Pure 2.0 Control.</p> <p>Changed "Pure" terminology text to "Pure 2.0", changed text frame borders to red, and changed control images from Pure versions to Pure 2.0 versions.</p> <p>Added yellow and red "sensor location" text box over the image of sensor installed above heater.</p>
2022-06-17	LH	2	Min. distance from wall changed from 4 to 3
2023-10-16	GN	1	Added U5 and U6.