

Designer Sauna Heater

With SL2 Control Package

Design

The Designer heater has been a solid choice for thousands of satisfied customers for many years now.

The polished stainless steel outer shroud with contrasting black anodized trim ring will look great in any sauna. And the small foot-print with built-in wall mounting brackets means you will have more room in your sauna.

Paired with the SL2 control (with available WiFi), this heater will provide years of trouble-free enjoyment.



Designer Heater



SL2 Control

Specifications

- Available in 3 Kilowatt sizes
 - 4.5kW (100 - 210 CF) 240/1 ph
 - 6.0kW (175 - 310 CF) 240/1 ph
 - 8.0kW (250 - 425 CF) 240/1ph
- Rugged stainless steel outer shroud
- Quick heat-up
- Separate contactor box for easier service if needed
- Dimensions: 16"W x 11.5"D x 24"H
- Dry weight: 25lbs
- Loaded weight: 70lbs
- Rock Capacity: 45lbs (4.5kw will use less)
- Requires CB-16 Contactor Box (CB)

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SL2 Control

MODEL / Product Number	KW	MINIMUM ROOM			MAXIMUM ROOM			PHASE	VAC	AMPS	WIRE SIZE	WIRE SIZE
		Floor Area	Wall Height	Volume Cu.Ft.	Wall Height	Volume Cu.Ft.	Power Supply to CB Box				CB Box to Heater	
Heater 4.5 1712-45-0207	4.5	12 sq. ft.	74"	100	96"	210	1	208	21.6	2 #10AWG+GR	2 #10AWG+GR	
							1	240	18.8	2 #10AWG+GR	2 #10AWG+GR	
							3	208	12.5	3 #12AWG+GR	3 #12AWG+GR	
							3	240	10.8	3 #12AWG+GR	3 #12AWG+GR	
Heater 6.0 1712-60-0207	6.0	21 sq. ft.	74"	175	96"	310	1	208	28.8	2 #8AWG+GR	2 #8AWG+GR	
							1	240	25	2 #10AWG+GR	2 #10AWG+GR	
							3	208	16.7	3 #12AWG+GR	3 #12AWG+GR	
							3	240	14.4	3 #12AWG+GR	3 #12AWG+GR	
Heater 8.0 1712-80-0207	8.0	31 sq. ft.	74"	250	96"	425	1	208	38.5	2 #8AWG+GR	2 #8AWG+GR	
							1	240	33.3	2 #8AWG+GR	2 #8AWG+GR	
							3	208	22.2	3 #10AWG+GR	3 #10AWG+GR	
							3	240	19.2	3 #10AWG+GR	3 #10AWG+GR	

Summary Explanation of Pairing Process

- Pairing phone to the SL2 control means you are sharing the “Wi-Fi” network information to the control so the control can access the internet.
- Once the SL2 is connected to the Wi-Fi network, the phone will not connect directly to the control again.
- The Phone/tablet will communicate with the SL2 control via the internet not direct “Pairing”.

Common Misunderstandings

- ONLY ONE PHONE CAN BE THE “OWNER” OF THE SL2
 - IF another phone tries to Pair with the SL2, the original phone connection will be lost.
- The Original Phone which “Paired” with the SL2 Control is the “Owner” of the control

Sharing Access to the SL2/C

- The Original Phone who paired with the SL2 is the “**Owner**”, and they need to “Share” the control to other users.
- New Member needs to create an account by using an active email address.
 - To add a “**new member**” they need to download the App on the new device (phone).
 - Open the App and create a new member.
 - Once the new member is created and logged into the SaunaLogic App, the Owner of the SL2 can then add the new members email address to share.
- The Owner needs to add the new member to the “**Family**”
 - Click on “**Home Management**” and then “**Home Settings**”
 - Scroll to the bottom of the screen and select “**Add Member**”.
- The New Member will get a notification of the device being shared.
 - The new member accepts the sharing and both users now have access to the SL2 device.

Trouble Shooting Areas

- Difficultly Connecting the SL2/C to the Network
 - Ensure the 2.4 GHz turned on in the Wi-Fi Network. This control will not connect to a faster network.
 - Note, 2.4 GHz is the normal speed for most communication devices.
 - Dual Band networks typically will auto set to allow 2.4 GHz devices to connect at the lower speed.
 - Ensure there is a strong Wi-Fi signal to the SL2/C Control.
 - The control connects directly to the Wi-Fi Network
- Difficulty Connecting the Phone to the SL2/C
 - Some cases on the phones “block” or “weaken” the communication between the SL2/C and phone.
 - Remove the outer case of to increase the signal connection.
- Difficultly Connect the Android systems to the SL2/C Control
 - Android Systems come in many variations due to the different phones and devices.
 - If unable to connect with Android, test an Apple Device.
 - If Apple Device connects to the control, use the Apple to “Share” the device to the Android.

For troubleshooting or service questions call (888) 780-4427 and ask to speak with service. Prior to calling, please have the Model and Type Number available for your product. Email: techsupport@tyloheloinc.com

SaunaLogic App Quick Start Guide:

How to Pair **SL2/IS-SL2/SL2-C/IL2** Control to SaunaLogic App

All controls are referenced as SL2 in this document.

SL2, IS-SL2, SL2-C, and IL2 each use the same pairing process.

Control faces will vary in looks by product type.

Control displayed is the IS-SL2.



The SaunaLogic App allows you to turn your sauna on/off, set temperature, turn on Bluetooth, adjust lighting, and more from the convenience of your smart phone or tablet. These instructions walk through the steps to pair the SL2 Control to the SaunaLogic App.

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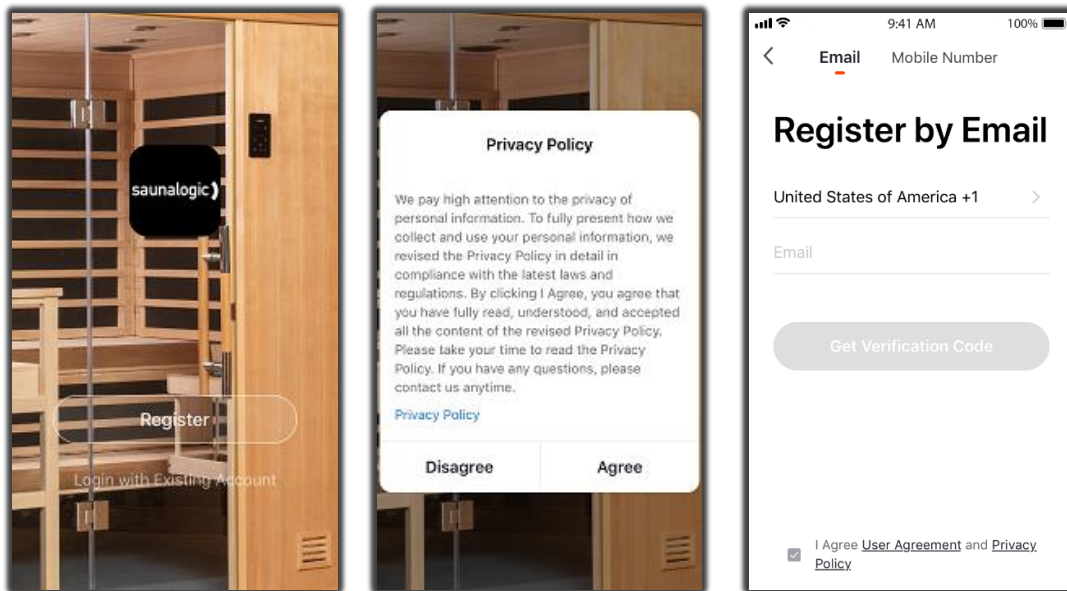
How to Pair your Android Device (Android OS) 7

NOTICE: THE SAUNA HEATER AND SL2 CONTROL MUST BE INSTALLED AND OPERATIONAL PRIOR TO PAIRING TO THE SAUNALOGIC APP. REFER TO THE INSTALLATION INSTRUCTIONS SPECIFIC TO THE HEATER MODEL YOU HAVE FOR INSTALL REQUIREMENTS.

1) Download the SaunaLogic App and install onto your smart phone or tablet by scanning the appropriate QR Code below or by searching for "SaunaLogic" in the appropriate app store for your smart device.



2) Register a New Account: When you open the SaunaLogic App for the first time, you will be given the option to Register or Login with Existing Account. You will need to select Register and follow the prompts to complete the registration requirements. A valid email address will be required to complete the registration process.

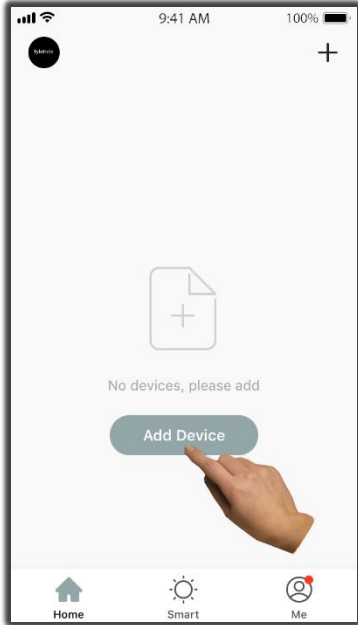


3) Login with Your Account: After completing the account registration requirements, you will be able to login with the credentials you provided during that process.

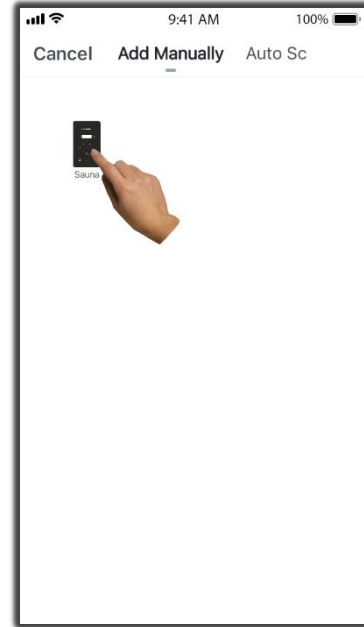
Apple Device Pairing Instructions:

NOTICE: BEFORE MOVING TO THE NEXT STEP (Add Device) YOU WILL NEED TO MAKE SURE THAT THE PHONE OR TABLET THAT YOU ARE GOING TO USE TO PAIR THE SL2 CONTROL TO THE SAUNALOGIC APP IS CONNECTED TO A WIFI NETWORK THAT IS CONFIGURED FOR 2.4GHZ AND PROVIDES A STRONG SIGNAL WHERE THE SL2 CONTROL IS LOCATED.

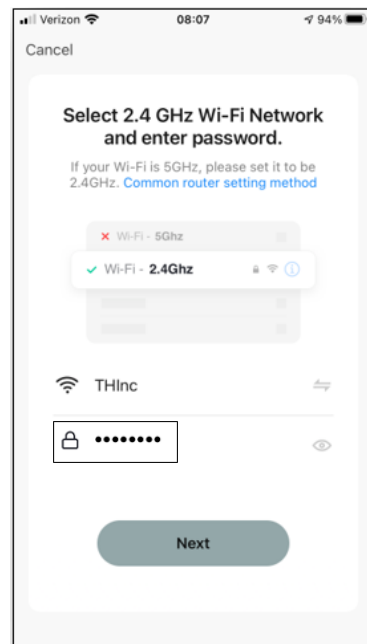
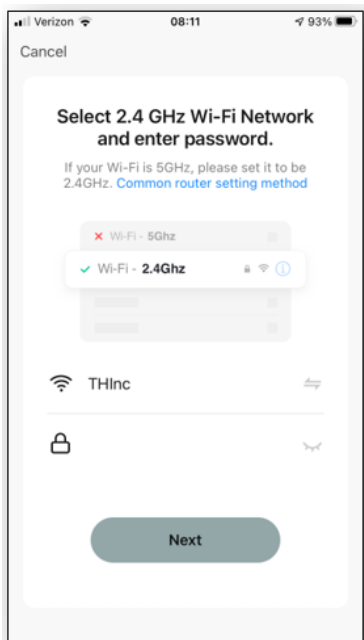
4) Add Device: While on the Home screen, within the SaunaLogic App, Tap on “Add Device” or the Plus Symbol (+) at the top right corner to add a device.



5) Select Sauna: On the Add Manually screen, within the SaunaLogic App, Tap on the Control Icon labeled “Sauna”.



6) Connect to your desired Wi-Fi Network, enter your Password, and then tap on the Confirm Button.



Apple Device Pairing Instructions:

7) Put the SL2 Control into pairing state by pressing the Bluetooth Button until you hear a beep, release, and press & hold again until you hear a second beep and “con” appears on the control display. Then, tap on the ‘**Confirm “Con” is Control**’ Button within the SaunaLogic App and then click “**Next**”.

SL2 Control

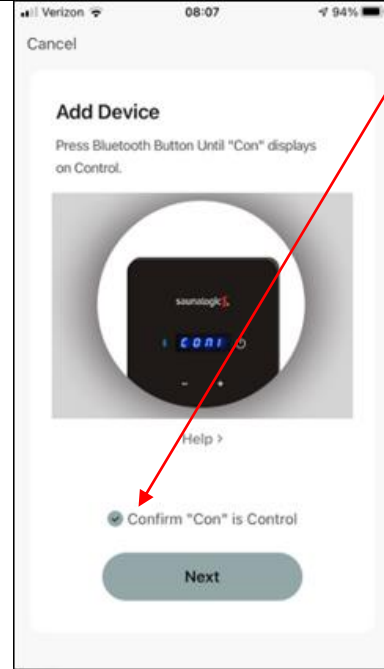
1. Press & hold Bluetooth button until you hear a beep & then release.

2. Press & hold Bluetooth button again until you hear a 2nd beep & release.

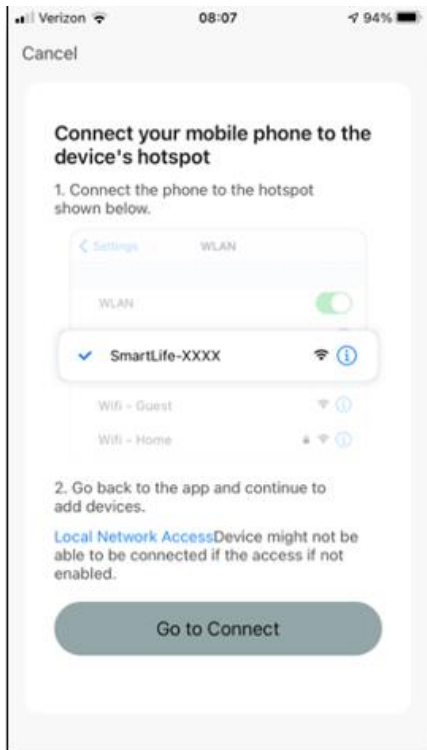
3. SL2 Control should now be in pairing mode.



SaunaLogic App

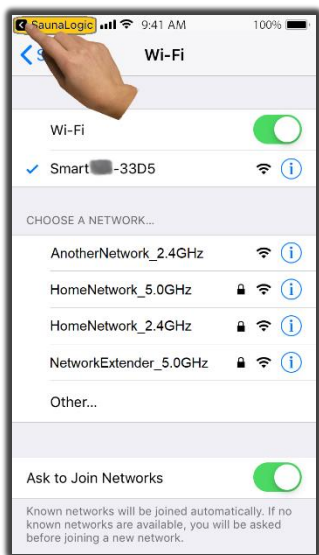


8) Connect your mobile phone to the SL2 Control's hotspot that is identified in the SaunaLogic App.

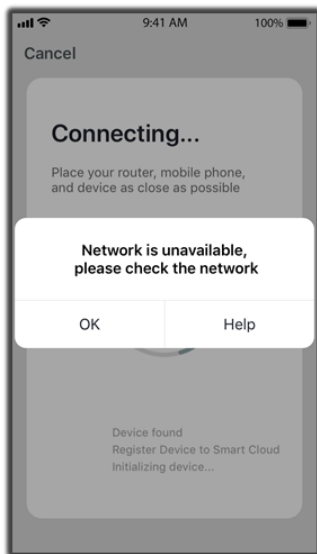


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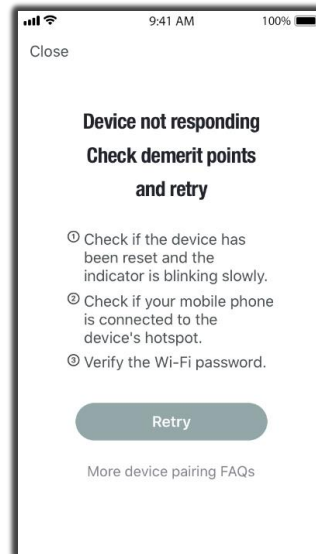
9) Once you have selected and connected to the SL2 Control’s hotspot, tap on “SaunaLogic” located at the top left of the screen to go back to the SaunaLogic App and continue with the pairing process.



10) If you get a message that reads “Network is unavailable, please check the network” it means that the connection has failed. Tap “OK” and repeat steps 6 – 9.



11) If you get a message that reads “Device not responding Check demerit points and retry” it means that the connection has failed. You may need to put the SL2 Control into pairing mode again, and repeat steps 6 – 9.




Apple Device Pairing Instructions:

12) Once your SL2 Control successfully connects to the SaunaLogic App, your App screen will pop up with a message stating “Device added successfully” (Figure A) and give you the option to edit the name of your SL2 Control.

You may choose to keep the default name or rename it to something else of your choosing. Keep in mind that it is best to keep this name simple so that if you end up configuring to work with Alexa, Google Assistant or Siri, it will be easier for the smart assistant to understand when you are trying to control the SL2 Control with voice commands.

Tap, “Done” if you decide to keep the default name.

Tap on the  icon if you decide to change the device name. The onscreen keyboard will pop up and allow you to edit the device name (Figure B).

Tap “Save” once you are satisfied with the device name change and then tap “Done”.

Figure A

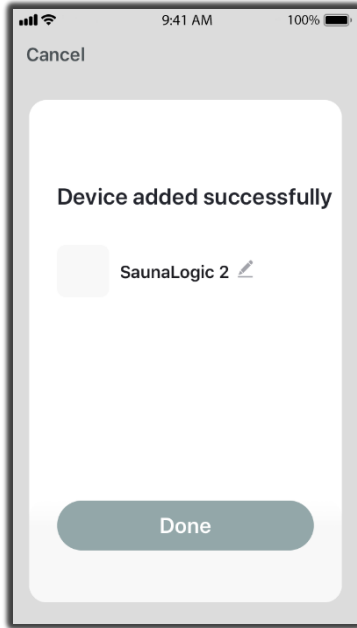
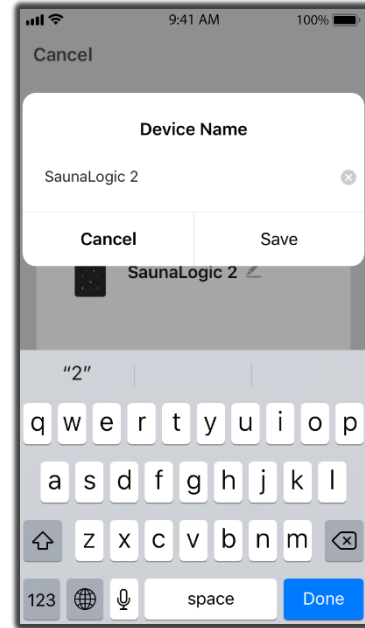



Figure B

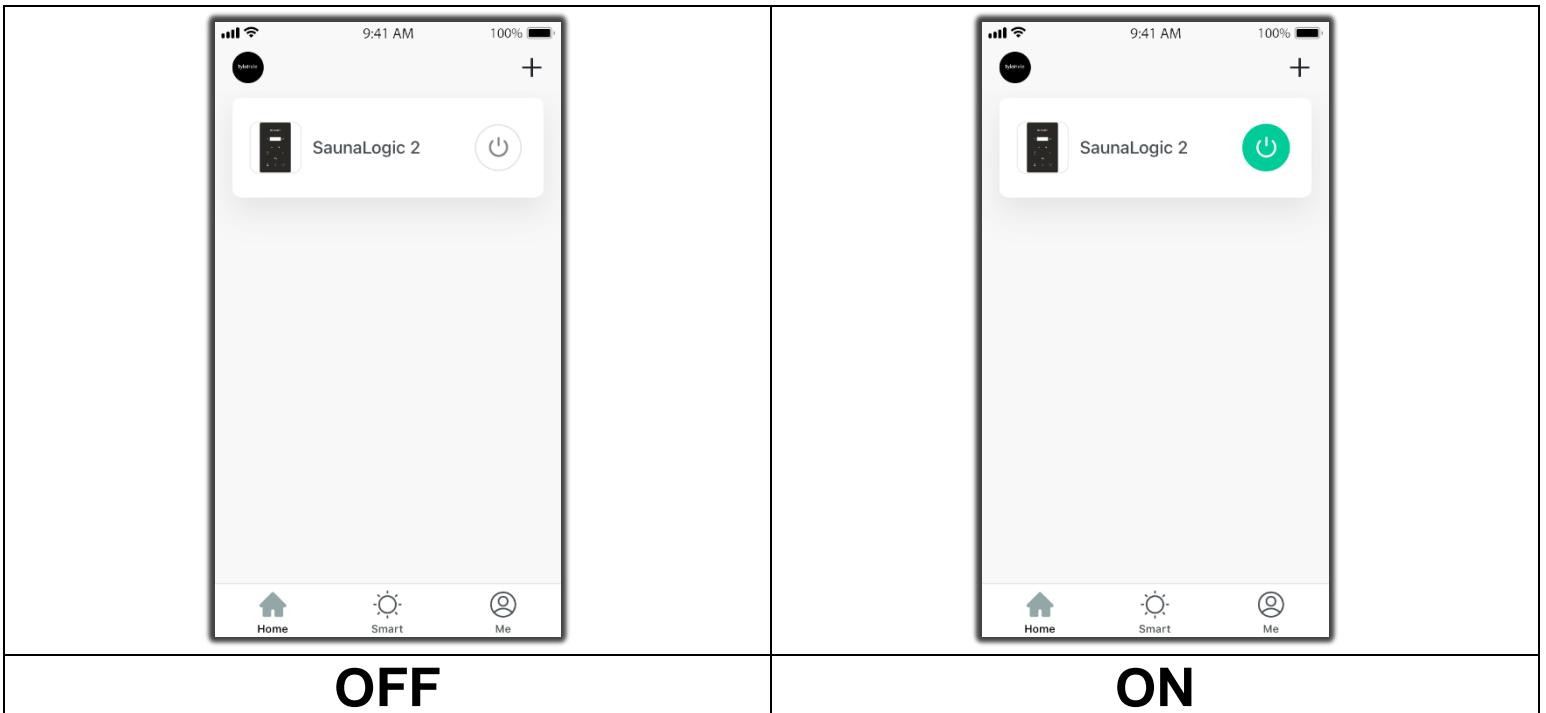


Apple Device Pairing Instructions:

13) You should now be able to control your SL2 Control with the SaunaLogic App. Tap the  icon next to the On/Off text on the control screen within the SaunaLogic App to turn your sauna on. You'll find additional control functions that you can adjust here including sauna duration, set temp, etc.



NOTE: THE SAUNA MAY ALSO BE TURNED ON / OFF FROM THE HOME SCREEN BY TAPPING THE  BUTTON, NEXT TO THE SL2 CONTROL ICON (SEE BELOW).

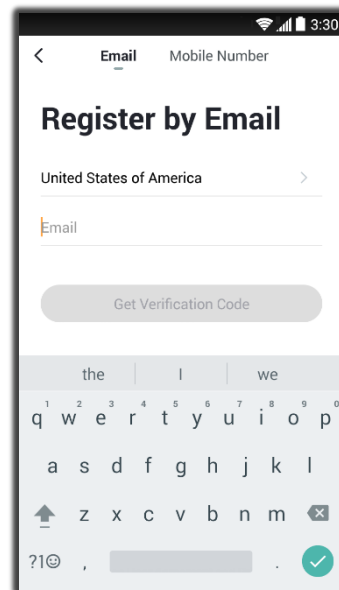
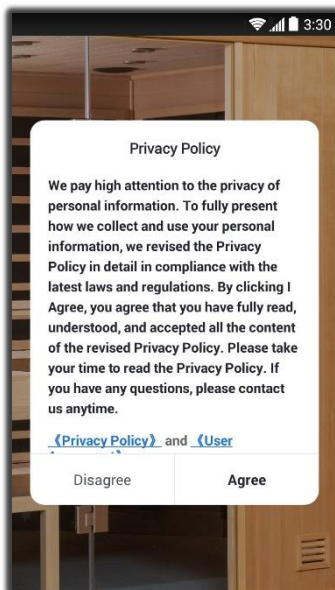


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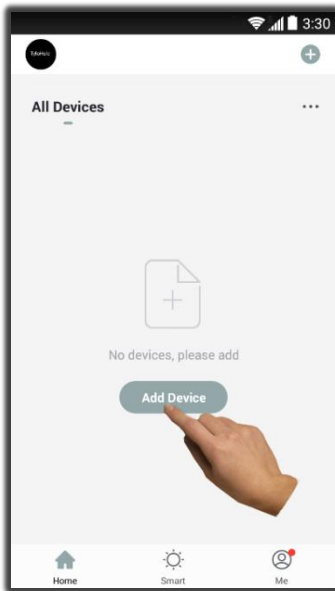
2) Register a New Account: When you open the SaunaLogic App for the first time, you will be given the option to Register or Login with Existing Account. You will need to select Register and follow the prompts to complete the registration requirements. A valid email address or a mobile phone number will be required to complete the registration process.



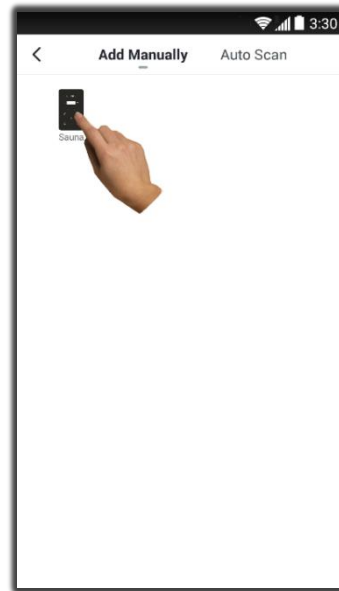
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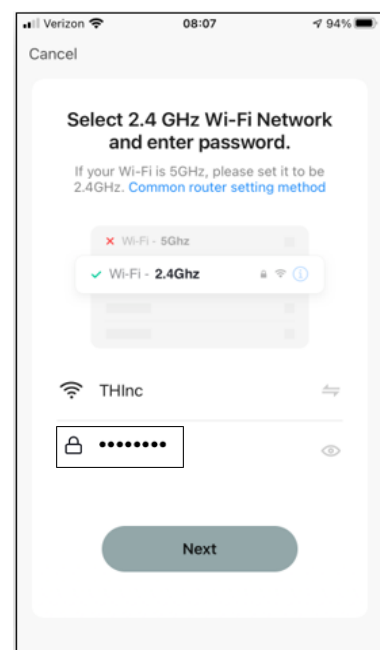
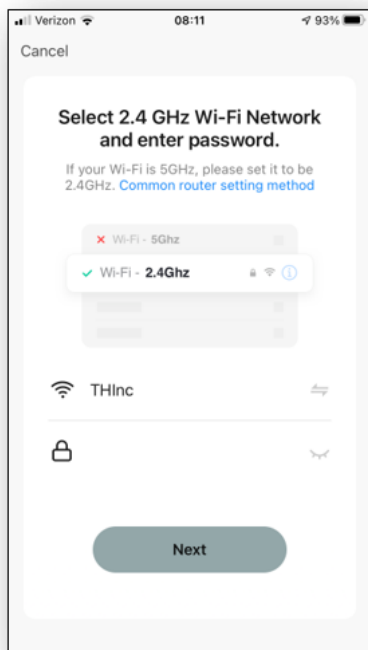
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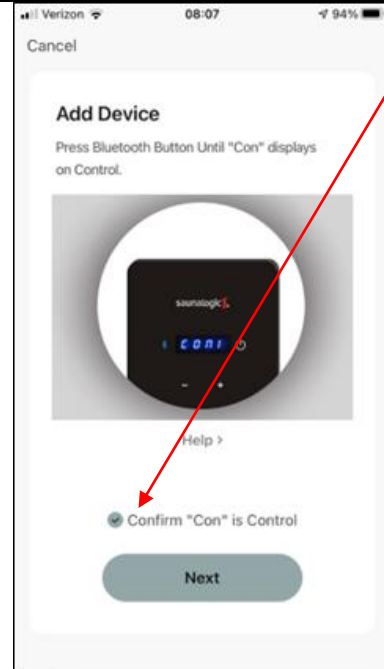
SL2 Control

SaunaLogic App

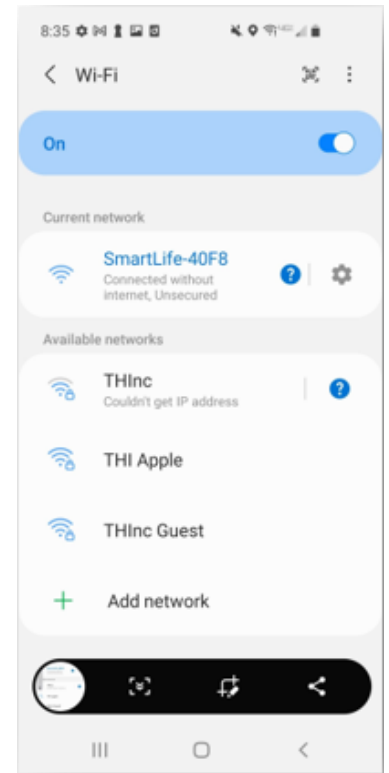
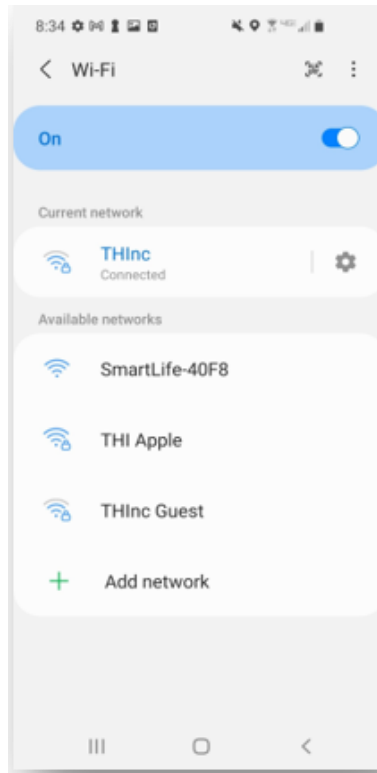
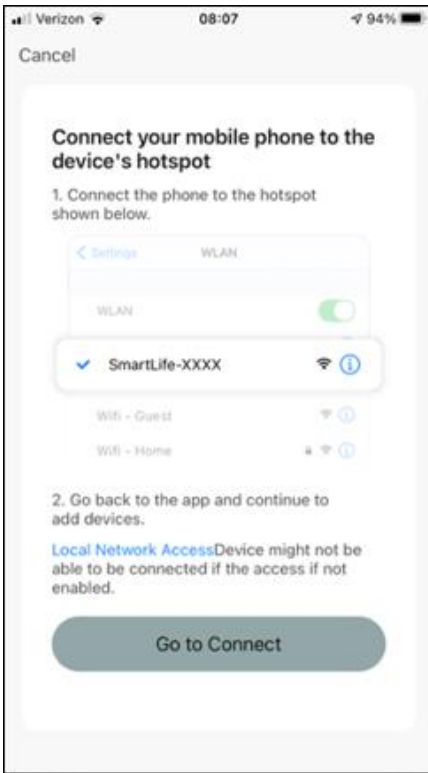
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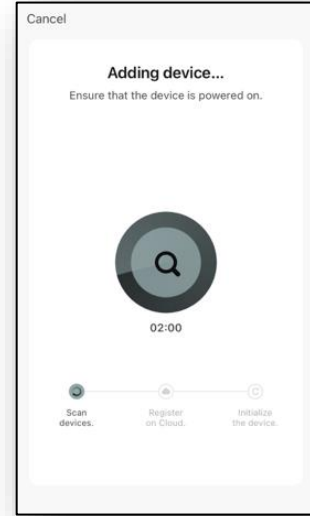
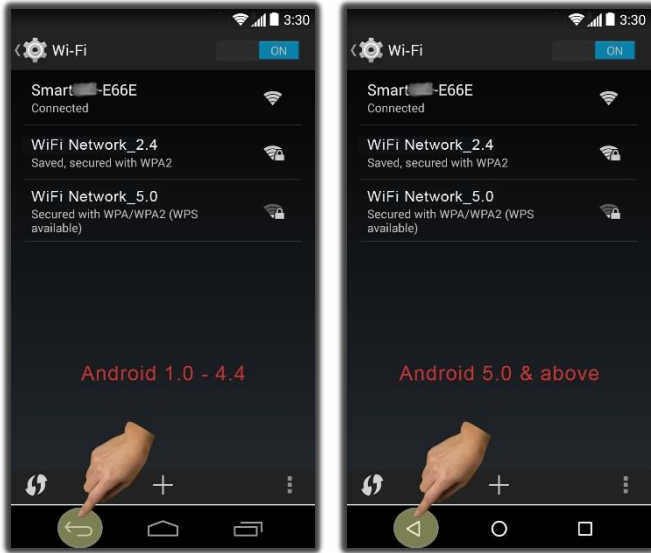
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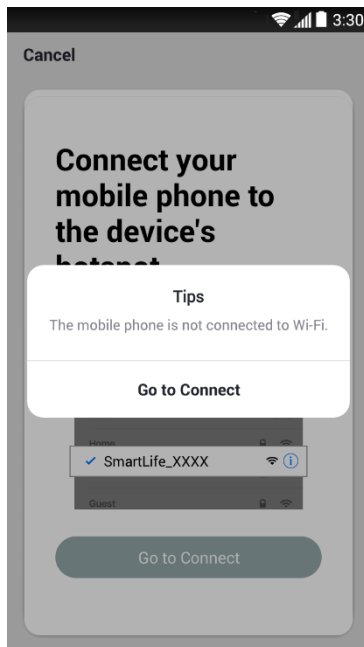
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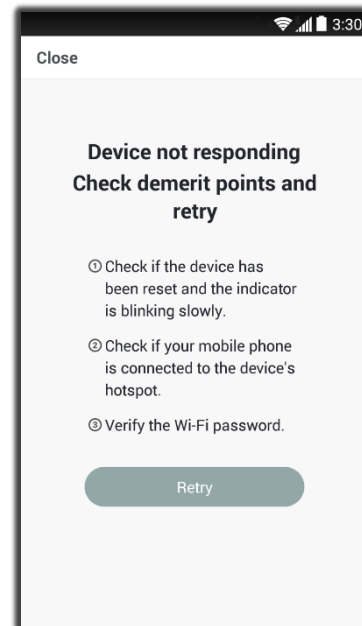
9) Once you have selected and connected to the SL2 Control's hotspot, tap the BACK button located at the bottom left of the screen (or with gestures) to go back to the SaunaLogic App and continue with the pairing process.



10) If you get a message that reads "The mobile phone is not connected to Wi-Fi" it means that the connection has failed. Tap "Go to Connect" and repeat steps 6 – 9.




11) If you get a message that reads "Device not responding Check demerit points and retry" it means that the connection has failed. You may need to put the SL2 Control into pairing mode again, and repeat steps 6 – 9.



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Figure A

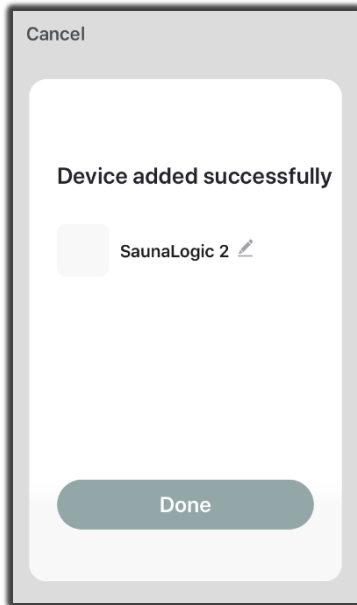
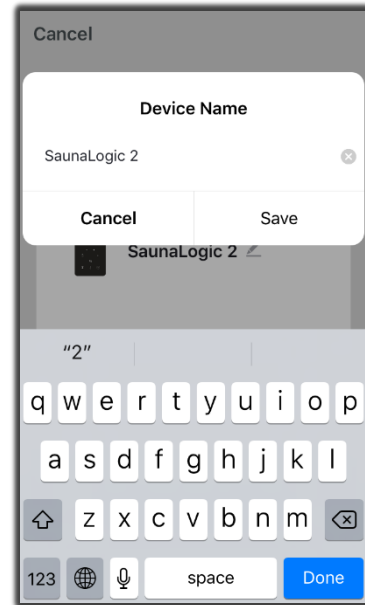




Figure B



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