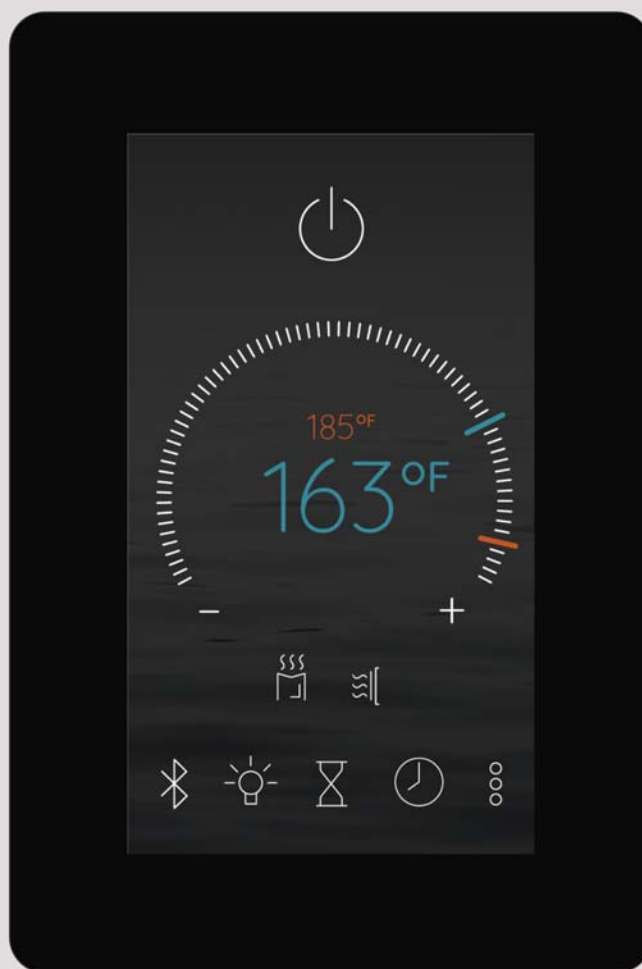




BLISS CONTROL SERIES

Installation and Operating Instructions

InfraSauna (IS)

TYLÖ

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Sauna360 congratulates you on your decision to enjoy the finest sauna available...

Welcome to the growing family of Tylö® sauna owners.

Before you begin reviewing the manual, please take a moment to register your warranty. Doing so will assist us in contacting you for any important notification.

Prior to registering, you will need the serial number(s) located on the equipment.

To register, please go to <http://tylo.com/en-us/warranty>



FOR YOUR RECORDS

Control Model/Serial Number: _____

Date Purchased: _____

Dealer: _____

Address: _____

Phone Number: _____

Website/Email: _____

If questions arise regarding this product or this manual, please contact your authorized Tylö dealership. They are trained professionals who are familiar with the product as well as new sauna ownership concerns. Their expertise will facilitate the enjoyment of your new **Tylö** sauna.

IMPORTANT: SAUNA360 reserves the right to change specifications or design without notification and without incurring any obligation.

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SECTION 1. BEFORE YOU BEGIN

This manual is for operation of the Bliss IS 1601-53 control with its associated heater and IR emitters. This control is ETL approved by Intertek for permanent installations and electrical connections. Refer to the associated IS **Installation and Operating Instructions** for complete information about the electrical wiring, heater and IR installation.



Bliss IS
(1601-53)

Figure 1.

For best results and for protection of product warranty, please read, understand and follow all associated safety information, safety placards, and associated IS **Installation and Operating Instructions**.



IMPORTANT: For health and fire safety, never attempt to alter or bypass the timer or thermostat. If the sauna is operated without using the automatic timer, an attendant must be present at all times.

If questions arise regarding use of this control and associated heater or this manual, please contact your sauna dealer.

SECTION 2. SAFETY INFORMATION

2.1. CONSTRUCTION and INSTALLATION SAFETY



WARNING - ELECTRIC SHOCK HAZARD: High voltage exists within this equipment. There are no user-serviceable parts within this equipment. Have the equipment installed and serviced only by qualified and licensed personnel in accordance with local and national codes.



WARNING - ELECTRIC SHOCK HAZARD: DO NOT install electrical receptacles inside the sauna room.



WARNING: If installing a fire sprinkler system inside the sauna room, ensure it is properly rated for sauna room temperatures.



CAUTION: During construction, observe all recommended minimum safe distances between the heater and combustible materials. See the MINIMUM DISTANCE to COMBUSTIBLE MATERIALS diagram of the associated heater **Installation and Operating Instructions**. Recheck all measurements to verify minimum safe distances are maintained.



CAUTION: DO NOT construct the sauna room as to restrict air flow through the bottom of the heater. Ensure proper ventilation locations and air exchange rates are provided for volume of sauna room. See the SAUNA ROOM VENTILATION section of the associated heater **Installation and Operating Instructions**.



CAUTION: Loose electrical connections can cause heat damage to wires, terminal blocks and other components. Improper connections may void product warranty. Ensure all electrical connections are installed and inspected by qualified and licensed personnel.



IMPORTANT: The door to the sauna room must open outward, to the exterior of the sauna room.



IMPORTANT: DO NOT install a lock or mechanical locking device onto the door of the sauna room. If needed, use only a magnetic or spring-loaded catch mechanism that allows the door to open when pressed or pulled.



IMPORTANT: To prevent electrical shock, provide adequate electrical grounding to the heater and CB Box.



IMPORTANT: Do not install a shower in the sauna room.

NOTE: Use only approved sauna room materials for interior construction of the sauna room. Installation of unapproved materials or accessories may void product warranty

NOTE: To protect product warranty, only qualified licensed personnel should perform installation and service to this equipment.

NOTE: A GFCI (Ground-Fault Circuit Interrupter) device is not required by NEC. Only install a GFCI if required by local codes, however, be aware this will cause nuisance electrical circuit trips during use of the product.

2.2. USER and OPERATIONAL SAFETY



WARNING: Prolonged exposure to elevated temperatures can induce hyperthermia. Hyperthermia occurs when internal body temperature reaches several degrees above normal (98.6°F). Symptoms of hyperthermia include an increase in body temperature, dizziness, lethargy, drowsiness, and fainting. Effects of hyperthermia include failure to perceive heat, failure to recognize the need to exit the room, unawareness of impending hazard, fetal damage in pregnant women, physical inability to exit the room and unconsciousness.



WARNING: DO NOT take a sauna if using alcohol, recreational drugs, or prescribed medication as these may greatly increase risk of hyperthermia, personal injury or death.



WARNING - FIRE HAZARD: DO NOT use the sauna room for drying clothes, bathing suits, towels, etc. **DO NOT** hang towels above heater or place objects onto the sauna heater. Only place rocks supplied with the heater onto the heating elements. **DO NOT** place combustible materials onto the sauna heater.



WARNING - FIRE HAZARD: IMMEDIATELY DISCONTINUE using the sauna if the walls or ceiling exhibit unusual discoloration and/or darken in color.



WARNING - HOT SURFACES: The heater is extremely hot during operation. Keep hair, head, hands, body, and appendages on the safe side of guard rails. Keep children and vulnerable individuals a safe distance away from the heater. **DO NOT TOUCH** the heater while in operation as severe burns to skin may result.



WARNING - CORROSIVE: DO NOT pour chlorinated pool or spa water onto the heater as corrosion will occur and void product warranty.



WARNING: DO NOT pour excessive water onto the heater as damage may occur and void product warranty.



IMPORTANT: If pregnant or a person in poor health, consult with a physician before using sauna.



IMPORTANT: DO NOT exercise, play or roughhouse while using the sauna. Be safe and respectful of everyone.



IMPORTANT: Keep children, minors, and vulnerable individuals a safe distance away from a warming or hot sauna heater. Be a responsible sauna user. When needed, provide operating instructions to those less experienced. Keep operation of the sauna safe for yourself and others to enjoy.



IMPORTANT: Do not spray water on infrared emitters. Use of water on infrared emitters may cause damage and will void the warranty.

NOTE: Inspect the sauna regularly. Check for maintenance of the heater, control, and benches. Replace wood surfaces should any show signs of deterioration.

SECTION 3. CONTROL INSTALLATION

The Bliss IS control is weather resistant and water resistant, allowing it to mount either on the interior or exterior of the sauna room.

1. At the desired location, cut a hole in the wall using a 1-3/8" (35mm) hole saw.

NOTE: When installing on the interior of the sauna, ensure to follow the specifications provided in the RECOMMENDED DIMENSIONS diagram of the associated IS **Installation and Operating Instructions**.

2. Route the RJ11 control cable from CB Box to the cut opening.

NOTE: Use the factory-supplied RJ11 control cable only. Do not staple through or otherwise damage the cable.

3. Using a clean, lint-free cloth, wipe all surfaces of the control to remove dust, debris and residue.
4. Orient the control with the UP arrow located on its back.
5. From the included parts, apply the double-sided tape to the back of the control.
6. Connect the RJ11 control cable to the female RJ11 jack located on the back of the control.
7. Wipe down the wall surface surrounding the cut hole to remove dust and debris.
8. Remove the protective backing from the double-sided tape.
9. Carefully square-up the control over the cut hole in the wall.
10. Press the control firmly in place, adhering the double-sided tape to the wall.
11. Route the other end of the RJ11 control cable through an access hole located on the bottom of the low-voltage side of the CB Box. See Figure 3.

12. Connect the RJ11 control cable to the CN1 female RJ11 jack.

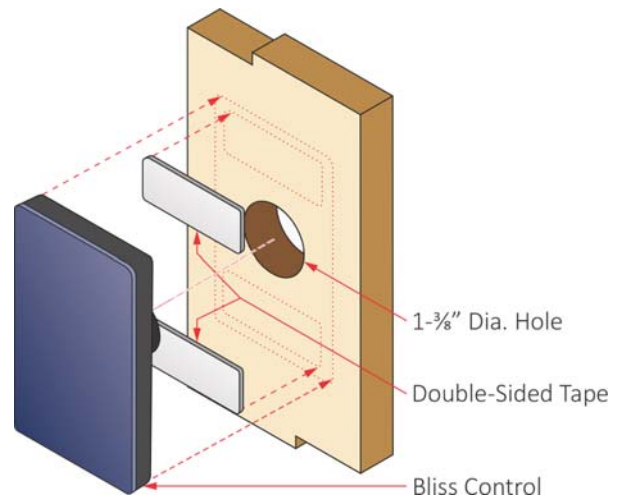


Figure 2. Roughing in the Control

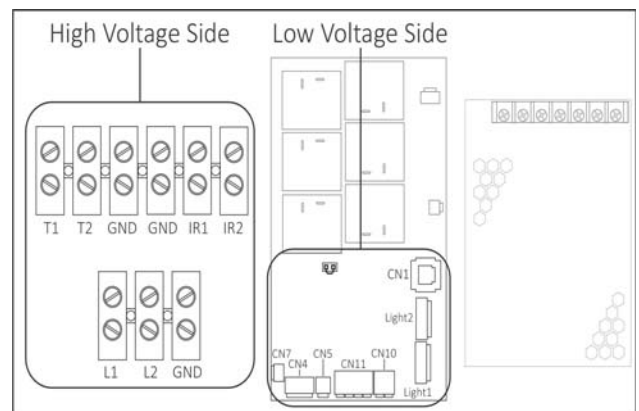


Figure 3. Control Box (CB) Interior

SECTION 4. INSTALLING LIGHTS

Lights are optional equipment. The control is capable of operating two (2) lighting packages purchased with the system.

Use **ONLY** approved lighting available from your dealer for this control system. Refer to your specific LED lighting package for installation instructions.

SECTION 5. CONTROL QUICK GUIDE

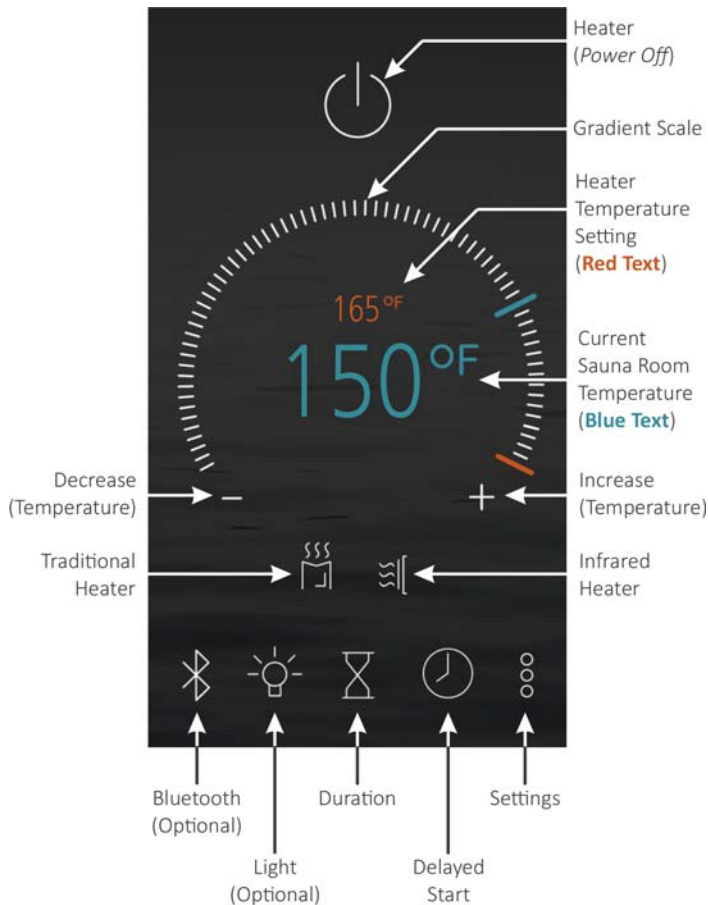


Figure 4. Control Icons

HEATER SELECTION

Tap either the **Traditional Heater** or the **Infrared Heater** icon to turn on either the traditional sauna heater or the IR emitters. For operational safety, only one or the other can be powered up at any given time.

TRADITIONAL

Tap the **Power** icon once. The default bath time is 60 minutes and most customers enjoy temperatures between 150° to 165° Fahrenheit. Length of the sauna can be set from 0 to 60 minutes. The time delay before start can be up to 24 hours. Any changes are remembered by the heater for your next bath. Should the heater power be lost then restored, the settings will return to their default values.

INFRARED

Tap the **Power** icon once. The default settings for the temperature is 149°F, the bath time is 60 minutes. These settings are adjustable from 84° to 149°. Length of the sauna can be set from 0 to 60 minutes. The time delay before start can be up to 24 hours. Any changes are remembered by the heater for your next bath. Should the heater power be lost then restored, the settings return to default values.

GRADIENT SCALE

The scale is touch sensitive. Use the tip of your finger to scroll for increasing or decreasing a selected setting (i.e. temperature, duration, light color, light intensity, Bluetooth audio volume).

HEATER TEMPERATURE SETTING

The temperature setting of the selected heater is displayed in small **red** colored text.

CURRENT SAUNA ROOM TEMPERATURE

The current sauna room temperature measured by the temperature sensor is displayed in large **blue** colored text.

INCREASE

Alternative to the gradient scale, tap the plus sign (+) icon to incrementally increase a selected setting.

DECREASE

Alternative to the gradient scale, tap the minus sign (-) icon to decrementally decrease a selected setting.

SETTINGS

Tap this icon to open the *Settings* screen.

DELAYED START

Tap this icon to open the *Delayed Start* screen.

DURATION

Tap this icon to open the *Bath Time* screen.

LIGHT (Optional)

The Bliss IS control can operate one(1) or two (2) optional lighting packages purchased with the system. Tap this icon to enable/disable the lights.

Bluetooth (Optional)

The Bliss IS control can operate **ONLY** an optional Bluetooth® package purchased with the system. Tap this icon to enable/disable audio.

SECTION 6. OPERATING the CONTROL

When power is first applied, a progress bar appears momentarily, then the *Home* screen appears. Tapping the **Power** icon will turn on the heater.



Figure 5. Home Screen - Heater Turned On

If no activity is detected within the first fifteen (15) seconds, the control displays the *Idle* screen.

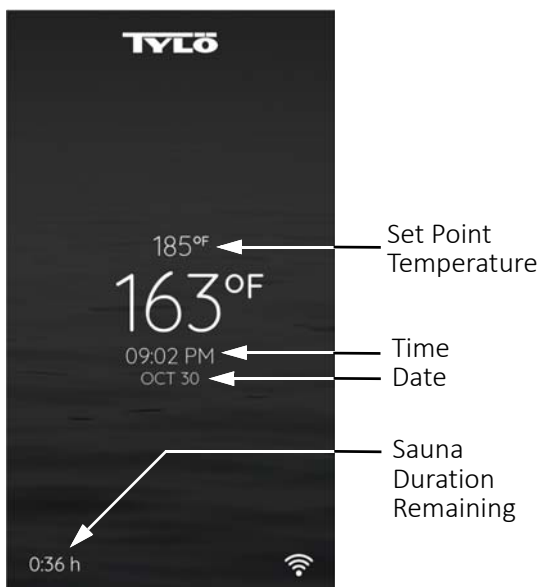


Figure 6. Idle Screen (Heater ON)

Tap anywhere on the screen, and the control returns to the *Home* screen with heater powered on.

After the heater turns off, and no activity is detected within the first fifteen (15) seconds, the control displays the *Sleep Mode* screen.



Figure 7. Sleep Mode Screen (Heater OFF)

Tap the screen within two (2) minutes, or afterwards, and the *Home* screen re-appears with the heater turned off.

If no activity is detected within two (2) minutes, the screen goes dark and the control enters *Deep Sleep* mode.

6.1. SETTING HEATER TEMPERATURE

From the *Home* screen:

OPTION 1: hold your fingertip on the gradient scale and scroll to make large temperature changes.

OPTION 2: Press/tap either the **Increase** or **Decrease** icons to precisely increment/decrement the sauna bath temperature.

The **red** colored bar on the gradient scale shows the position of the set-point, and the **red** text shows the heater temperature setting.



Figure 8. Home Screen - Setting Temperature

For setting duration, see “SECTION 9. SETTING DURATION” on page 9.

SECTION 7. Bluetooth (Optional)

If the sauna includes an optional Bluetooth package, use the instructions provided in the following sub-sections to pair up and operate Bluetooth audio.

1. From the *Home* screen, tap the **Bluetooth** icon

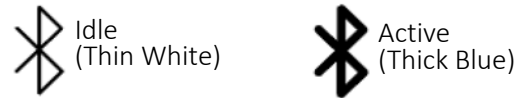


Figure 9. Bluetooth Icon

2. When active, the control is in pairing mode, broadcasting its pairing signal.
3. Using your cell phone or other Bluetooth capable device, scan for available Bluetooth devices.
4. When the sauna is found (Sauna360), select it to sync the control to your personal Bluetooth device.
5. From your Bluetooth paired device, set speaker volume and play from your selection of music and audio files/apps.

SECTION 8. LIGHTS (Optional)

If the sauna is equipped with one or two optional lighting packages, use the instructions provided in the following sub-sections to operate and configure the lights.

8.1. LIGHT OPERATION

1. From the *Home* screen, tap the **Light** icon.



Figure 10. Light Icon

The last settings entered for lighting are used for lamp color and illumination levels.

To turn off the lights, tap the *Light* icon again.

8.2. LIGHT CONFIGURATION

1. From the *Home* screen, press and hold the **Light** icon for three (3) seconds.



Figure 11. Light Icon

The *Light Screen 1* appears.

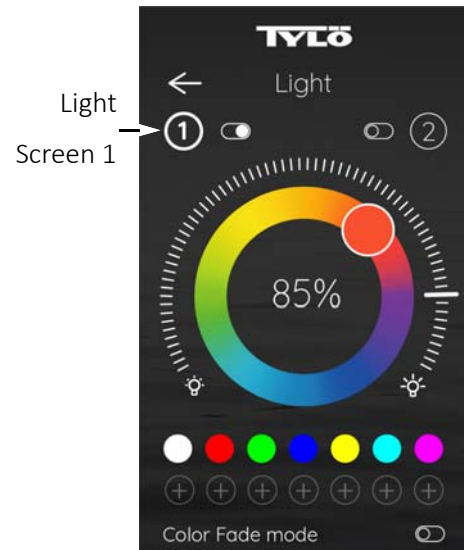


Figure 12. Light Screen 1

2. Select a desired color option from the pallet.



Figure 13. Color Pallet

The **Light 1** toggle activates and the lights turn on.



Figure 14. Activated Light 1 Toggle

The color option selected from *Light Screen 1* is automatically saved to memory.

Alternatively, solid colors from the pallet can be mixed by tapping, or pressing and scrolling your fingertip around the color circle in the middle of the screen.

3. Press and hold a **Plus (+)** icon to add selection to favorites.



Figure 15. Plus Icons

4. Tap the **Increase** icon to increase brightness. Alternatively, hold your fingertip on the gradient scale and scroll to make large illumination changes.
5. Tap the **Decrease** icon to decrease brightness.

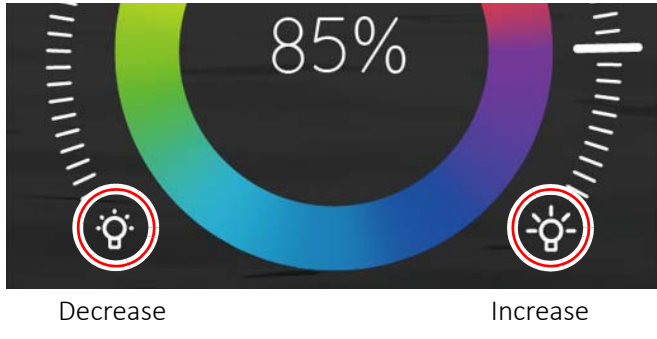


Figure 16. Brightness Control

When finished adjusting the brightness, the final setting is automatically saved to memory.

6. Alternatively, enable the **Color Fade Mode** toggle.

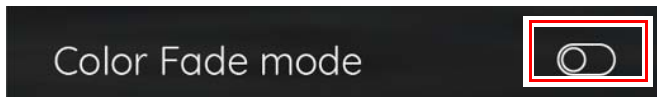


Figure 17.

When enabled, each of the seven (7) colors will illuminate one at a time for 25 seconds, then gradually fade from one color to the next.

7. Tap the **Light 2** icon. The *Light Screen 2* appears.

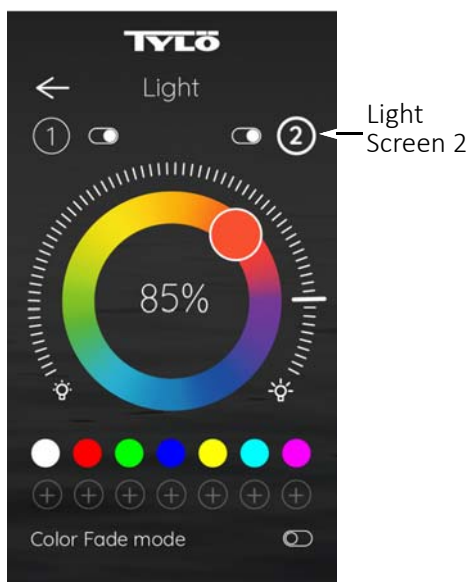


Figure 18. Light Screen 2

8. Select a desired color option from the pallet. The **Light 2** toggle activates and lights turn on.

The color option selected from *Light Screen 2* is automatically saved to memory.
9. Configure *Light 2* options in same fashion as *Light 1*.
10. Alternatively, enable the **Color Fade Mode** toggle.
11. If desired, tap either the *Light 1* or *Light 2* toggle to disable that light selection. Alternatively, leave both toggles turned on.
12. Tap the **Return** icon to return to the *Home* screen.

SECTION 9. SETTING DURATION

1. From the *Home* screen, tap the **Hourglass** icon.



Figure 19. Hourglass Icon

The *Bath Time* screen appears.

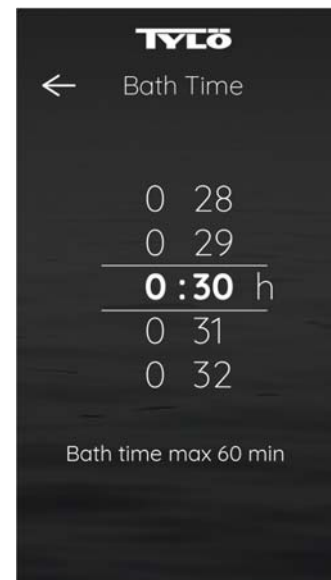


Figure 20. Bath Time Screen

2. Using your fingertip, tap or press and swipe up or down on the hour and minute columns to set the desired length of the sauna bath session.
3. When completed, tap the **Return** icon to return to the *Home* screen.

SECTION 10. DELAYED START

Use the instructions provided in this section to configure and activate the delayed start feature.

1. From the *Home* screen, tap/touch the **Delayed Start** icon.



Figure 21. Delayed Start Icon

The *Delayed Start 1* screen appears.

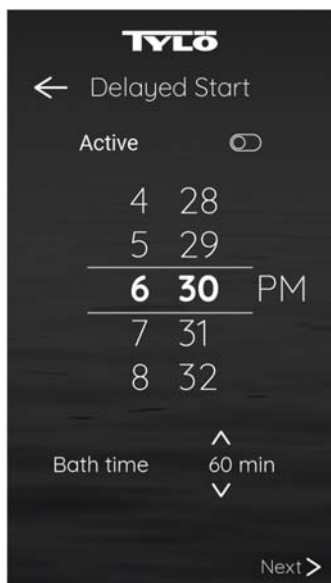


Figure 22. Delayed Start 1 Screen

2. Using your fingertip, tap or press and swipe up or down on the hour and minute columns to set the desired time of day when to start the sauna.
3. For *Bath time*, tap the **Up** or **Down** icons to increase or decrease the number of minutes to run the bath session.
4. Tap the **Active** toggle to activate delayed start.
5. When completed, press **Next**.

The *Delayed Start 2* screen appears.



Figure 23. Delayed Start 2 Screen

6. Hold your fingertip on the gradient scale and scroll to make large scale temperature changes. Alternatively, Press/tap either the **Increase** or **Decrease** icons to increment/decrement small temperature changes. The heater set-point temperature is displayed in small **red** text.
7. When completed, press **Save**. The delayed start settings are saved to memory, the delayed start activates, and the *Home* screen is displayed.

Once activated, the **Delayed Start** icon changes to an *Active* state.



Figure 24. Active Delayed Start Icon

NOTE: If the icon does not indicate the active state is on, refer to Step 4.

At the designated start time the selected heater activates and begins its warming cycle, continuing through the length of the set *Bath time*.

When the bath time reaches zero (0), the heater deactivates, thus completing the sauna session.

This is a one-time-use delayed start feature. Once the bath cycle is completed, replenish the *Bath time* value to reuse the Delayed Start feature.

If the *Delayed Start* feature is stopped mid-heating cycle, it can be re-started using the existing *Bath time* remaining, or increase the *Bath time* value.

8. To turn off the *Delayed Start* feature, tap the active **Delayed Start** icon. The *Delayed Start 1* screen appears.

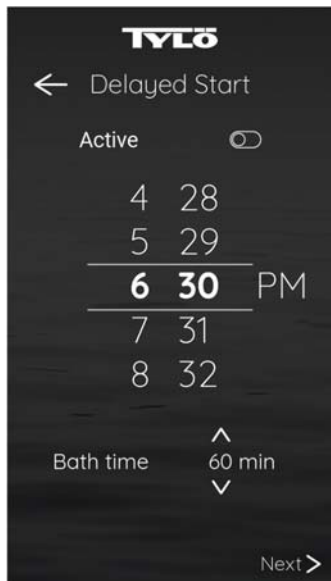


Figure 25. Delayed Start 1 Screen

9. Tap the **Active** toggle to deactivate delayed start.
10. Press **Next**. The *Delayed Start 2* screen appears.



Figure 26. Delayed Start 2 Screen

11. Press **Save**. The *Delayed Start* feature is deactivated and the *Home* screen is displayed.

SECTION 11. SETTINGS

1. From the *Home* screen, tap the **Settings** icon.
2. The *Settings* screen appears.

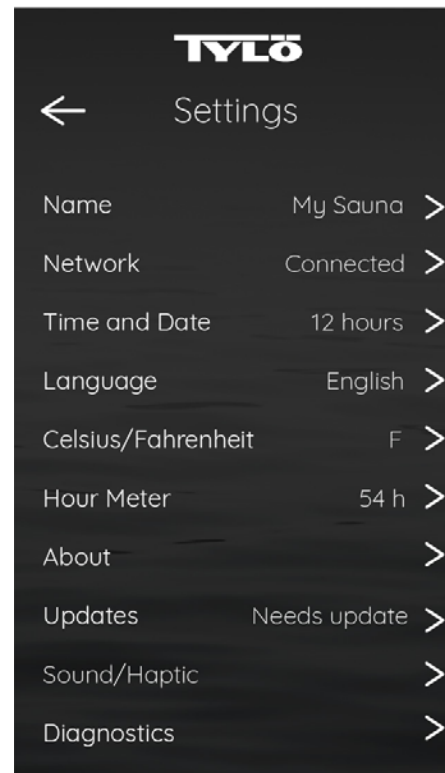


Figure 27. Settings Screen

Images and brief descriptions for each of the opening setting screens.



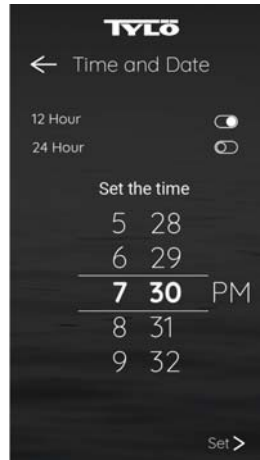
NAME

Allows you to personalized the name of the control.



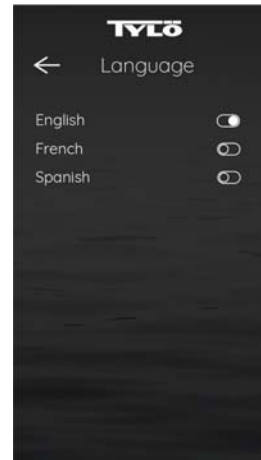
NETWORK

Allows you to connect the sauna on a local WiFi network. This is an optional setting and only required if you desire to operate/control functions of the sauna from your Apple or Android phone.



TIME AND DATE

When the control is connected via WiFi, using this option is not necessary, as the date and time are set automatically. If not connected via WiFi and if desired, use this screen to manually set time and date.



LANGUAGE

Allows you to display the control language in either English, French, or Spanish. Tap the desired toggle. The setting is mutually exclusive, allowing only one language selection at a time.



CELSIUS/FAHRENHEIT

Allows you to display temperatures either in Celsius or Fahrenheit. Tap the desired toggle. The setting is mutually exclusive, allowing only one selection at a time.



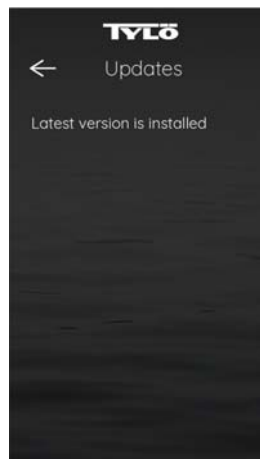
HOURL METER

This screen displays hours of sauna use.



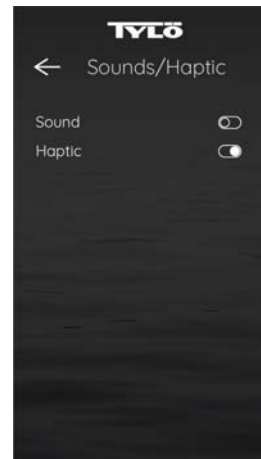
ABOUT

This screen is for informational purposes only. It displays the MAC address, signal strength, software and hardware versions of the control.



UPDATES

If any exist, this screen displays available software and firmware updates. If updates are available, tap on the desired update to automatically install it. Depending on complexity of an update, the control may reset itself and restart while installing and completing the update.



SOUND/HAPTIC

Allows you to enable sound and/or vibration tone (Haptic) indicators. Select the desired toggle(s) (one or both can be enabled at the same time)



DIAGNOSTICS

This is a secure screen, accessible by manufacturing personnel and certified technicians only.

SECTION 12. INSTALLING the TYLÖ SAUNA APP on APPLE DEVICE

Use the following instructions to install the *Tylö Sauna App* onto your Apple smart phone or tablet. If installing on an Android device, see “SECTION 15. INSTALLING the TYLÖ SAUNA APP on ANDROID DEVICE” on page 19.

1. Download the *Tylö Sauna App* and install onto your smart phone or tablet by scanning the QR Code from the figure below, or by searching for “Tylo” in the appropriate app store from your smart device.



Figure 28. Apple Store QR Code

When the *Tylö Sauna App* is opened for the first time, it prompts with options to *Log In* (to an *Existing Account*) or *Sign Up*.

2. Tap the *Sign Up* option and follow prompts to complete the registration requirements.
 - A valid email address is required to complete the registration process.
 - Agree to the *Privacy Policy* and *User Agreement*.

NOTE: Screens provided in this manual are for reference only. Actual screens may vary.

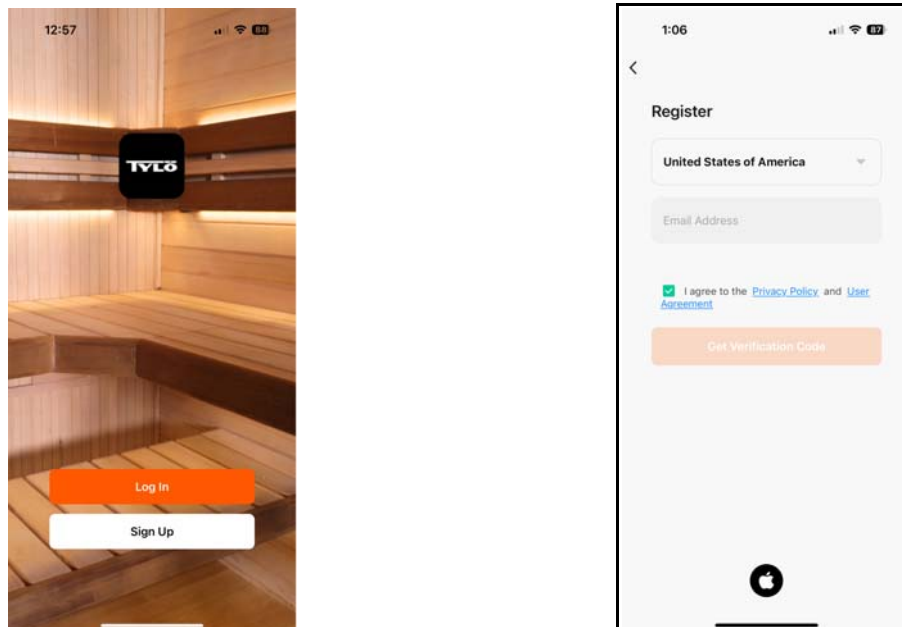


Figure 29. Example Registration Screens

3. After completing the registration process, use your newly created credentials to login to your *Tylö* account.

12.1. NETWORK PAIRING

The *Network* screen on the Bliss control allows the user to connect the sauna on a local WiFi network. This optional feature allows the user to control the sauna from the *Tylö Sauna App* installed on either an Apple (iOS) or Android (Android OS) smart phone or tablet.

1. From the Bliss control *Home* screen, tap the **Settings** icon.
2. From the *Settings* screen, tap the **Right Arrow** located to the right of the *Network* field. The *Network Pairing* screen appears.
 - If applicable, from the local WiFi router, activate pairing mode. See the individual WiFi router manual for details on activating its WiFi pairing mode.

NOTE: Ensure the intended WiFi network is **configured for 2.4GHz** and provides a strong signal to where Bliss IS control is located.

3. From the *Network Pairing Screen*, press and hold a thumb or index finger on the **Fingerprint** icon for five (5) seconds, and release after hearing an audible “beep”.

The control enters pairing mode, searching for an available WiFi signal.

Once the control finds a pairing signal, digital hand-shaking begins. The **WiFi** icon fades from blue to white and back again as the control configures and sets a secure connection.

The control will remain in pairing mode for five (5) minutes, or until it has been paired.

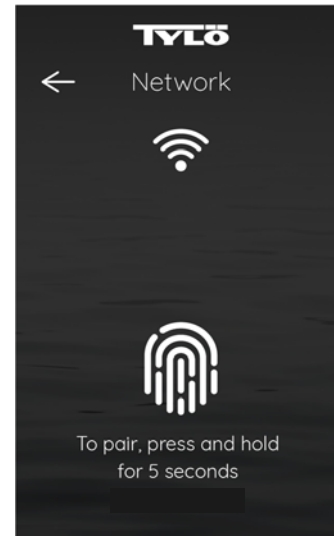


Figure 30. Network Pairing Screen

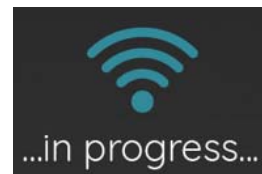


Figure 31. WiFi Configuration in Progress

SECTION 13. ADD to an APPLE DEVICE

Use the following instructions to add the Bliss IS control on an Apple device. For an Android device, see “SECTION 16. ADD to an Android DEVICE” on page 21.

Before proceeding, ensure the Apple phone or tablet being paired on WiFi is **configured for 2.4GHz** and connected on the same WiFi network as the Bliss IS control.

1. From the *Tylö Sauna App Home* screen on your Apple device, tap the **Add Device** button.
 - or Alternatively, tap the Plus symbol (+) located at the upper-right corner of the screen.
 - Tap the *Add Device* option.

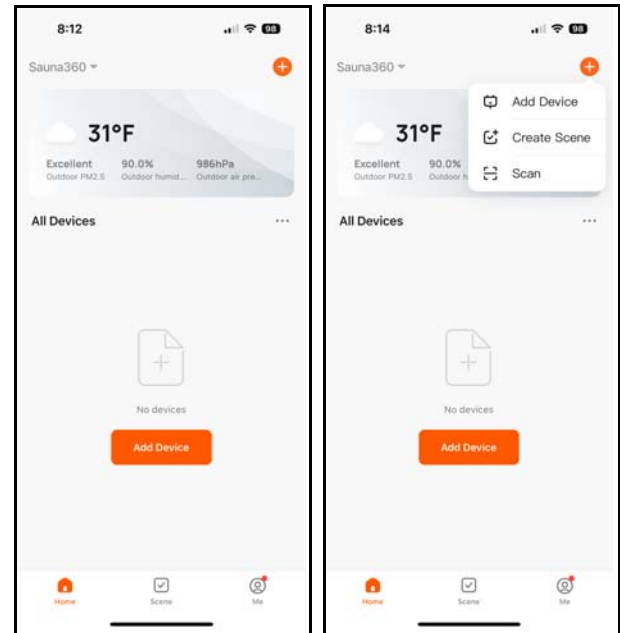


Figure 32. Tylö Sauna App Home Screen

The *Add Device* screen appears. The *Discovering devices* dialog displays an image of the sauna control.

2. Tap the **Add** button.

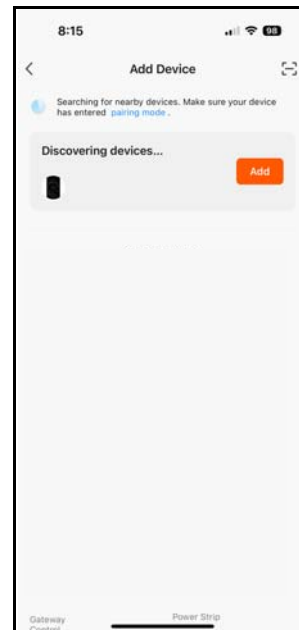


Figure 33. Add Device Screen

The *Enter Wi-Fi Information* screen appears.

3. From the list of WiFi networks detected, select the desired WiFi network.
4. Enter the WiFi password.
5. Tap the **Next** button.

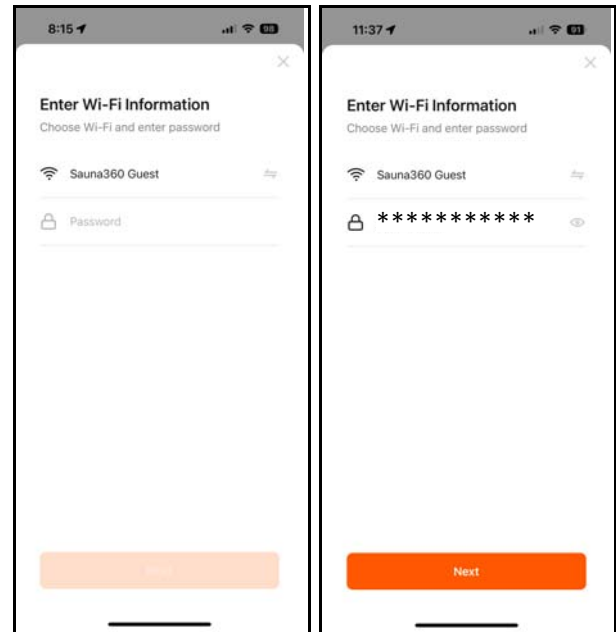


Figure 34. Enter Wi-Fi Information Screen

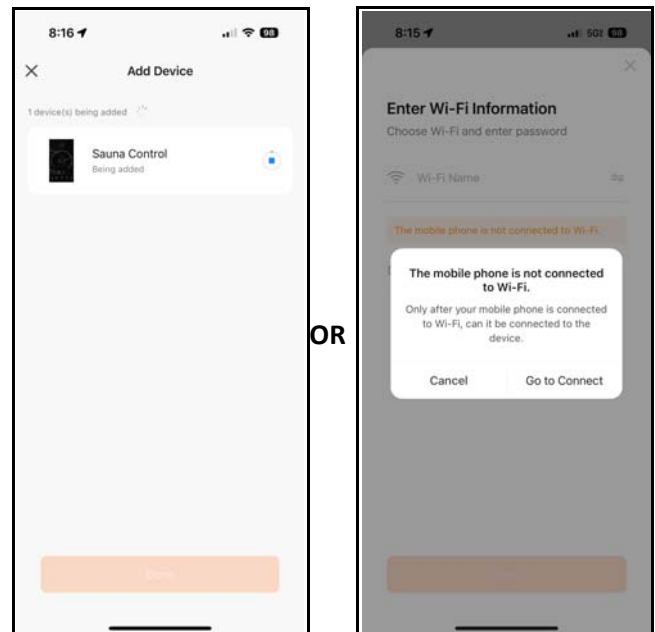
If the *Add Device* screen appears, the **Sauna Control** displays a *being added* status message along with a progress circle.

- Proceed to Step 6.

OR

If the mobile device (i.e. phone, tablet) is not connected on the intended WiFi network, an error message will appear.

- If this error occurs, tap the *Go to Connect* option. The display returns to the *Add Device* screen.
- Then turn on WiFi on your device, following the on-screen prompts as needed.



Adding the Sauna Control Message

WiFi Not Connected Error Message

Figure 35. Connection Messages

6. When the message displays *1 device(s) added successfully* with a green circle and check mark on the image of the sauna control, tap the **Done** button.

The *Home* page is displayed, showing the sauna control available and ready to run.

OR

If the app is not able to connect with the control, the *Failed to add the device* message appears.

- Tap the explanation point (!) icon.
A *Failed to add the device* dialog message with instructions appears.
- After reading the instructions, tap the *Confirm* option to close the message and return to the *Add Device* screen.
- In the upper-left corner of the screen, tap the (X). The screen returns to the beginning of the pairing process.

7. To operate the sauna from the paired device, proceed to "SECTION 14. APPLE WIRELESS OPERATION".

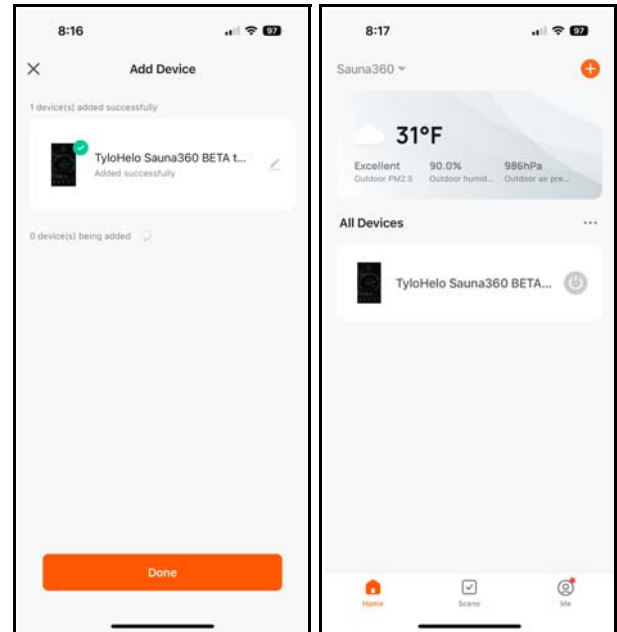


Figure 36. Device Added and Ready for Use

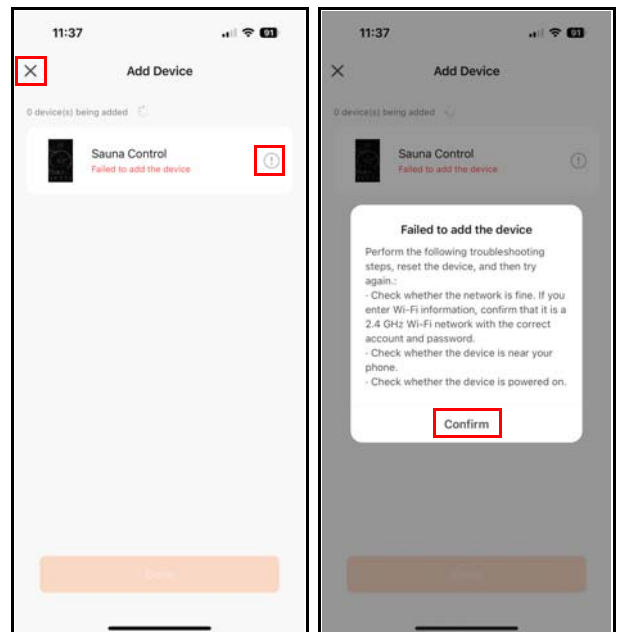


Figure 37. Failed to Add Device Messages

SECTION 14. APPLE WIRELESS OPERATION

After you have successfully paired to the Bliss IS control, you can enjoy wireless operation of the sauna from your phone or tablet.

Additional control functions are available from this screen, such as *Sauna Duration*, *Set Temp*, etc. Refer to “SECTION 5. CONTROL QUICK GUIDE” and “SECTION 6. OPERATING the CONTROL” for details.

The sauna can also be turned on and off from the *Home* screen.

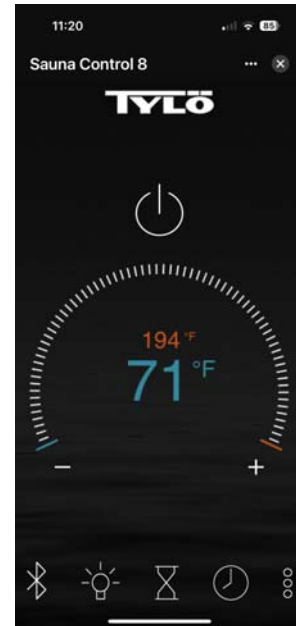


Figure 38. Tylo Mobile App



Figure 39. Stable WiFi Connection Established

Once a secure connection is established, the **WiFi** icon on the Bliss control changes to a solid blue.

8. When completed, tap the **Return Arrow** icon. The *Settings* screen re-appears.

SECTION 15. INSTALLING the TYLÖ SAUNA APP on ANDROID DEVICE

Use the following instructions to install the *Tylö Sauna App* onto your Android smart phone or tablet. If installing on an Apple device, see “SECTION 12. INSTALLING the TYLÖ SAUNA APP on APPLE DEVICE” on page 13.

1. Download the *Tylö Sauna App* and install onto your smart phone or tablet by scanning the QR Code from the figure below, or by searching for “Tylo” in the appropriate app store from your smart device.



Figure 40. Android Store QR Code

When the *Tylö Sauna App* is opened for the first time, it prompts with options to *Log In* (to an *Existing Account*) or *Sign Up*.

2. Tap the *Sign Up* option and follow prompts to complete the registration requirements.
 - A valid email address is required to complete the registration process.
 - Agree to the *Privacy Policy* and *User Agreement*.

NOTE: Screens provided in this manual are for reference only. Actual screens may vary.

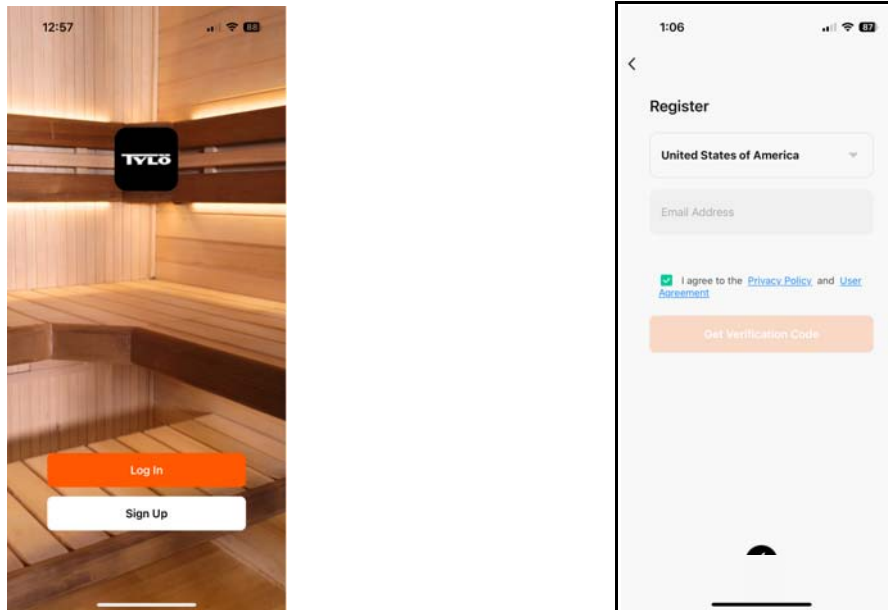


Figure 41. Example Registration Screens

3. After completing the registration process, use your newly created credentials to login to your *Tylö* account.

15.1. NETWORK PAIRING

The *Network* screen on the Bliss control allows the user to connect the sauna on a local WiFi network. This optional feature allows the user to control the sauna from the *Tylö Sauna App* installed on either an Android (iOS) or Android (Android OS) smart phone or tablet.

1. From the Bliss control *Home* screen, tap the **Settings** icon.
2. From the *Settings* screen, tap the **Right Arrow** located to the right of the *Network* field. The *Network Pairing* screen appears.
3. From the local WiFi router, activate pairing mode. See the individual WiFi router manual for details on activating its WiFi pairing mode.

NOTE: Ensure the intended WiFi network is **configured for 2.4GHz** and provides a strong signal to where the Bliss IS control is located.

4. From the *Network Pairing Screen*, press and hold a thumb or index finger on the **Fingerprint** icon for five (5) seconds, and release after hearing an audible “beep”.

The control enters pairing mode, searching for an available WiFi signal.

Once the control finds a pairing signal, digital hand-shaking begins. The **WiFi** icon fades from blue to white and back again as the control configures and sets a secure connection.

The control will remain in pairing mode for five (5) minutes, or until it has been paired.

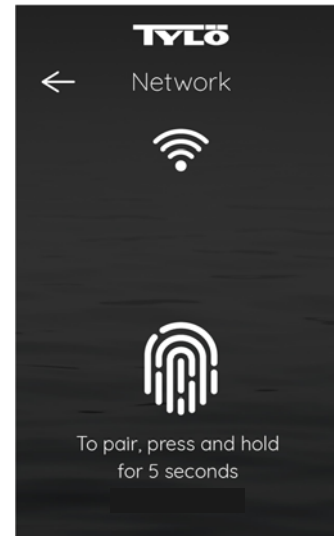


Figure 42. Network Pairing Screen

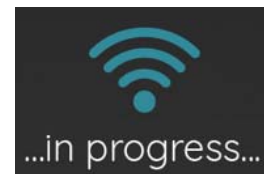


Figure 43. WiFi Configuration in Progress

SECTION 16. ADD to an Android DEVICE

Use the following instructions to add the Bliss IS control on an Android device. For an Android device, see “SECTION 13. ADD to an APPLE DEVICE” on page 15.

Before proceeding, ensure the Android phone or tablet being paired on WiFi is **configured for 2.4GHz** and connected on the same WiFi network as the Bliss IS control.

1. From the *Tylö Sauna App Home* screen on your Android device, tap the **Add Device** button.
 - or Alternatively, tap the Plus symbol (+) located at the upper-right corner of the screen.
 - Tap the *Add Device* option.

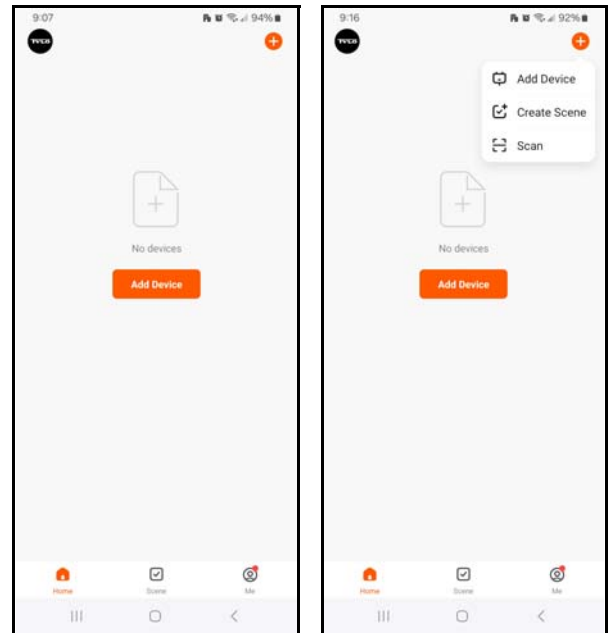


Figure 44. Tylö Sauna App Home Screen

The *Add Device* screen appears. The *Discovering devices* dialog displays an image of the sauna control.

2. Tap the **Add** button.

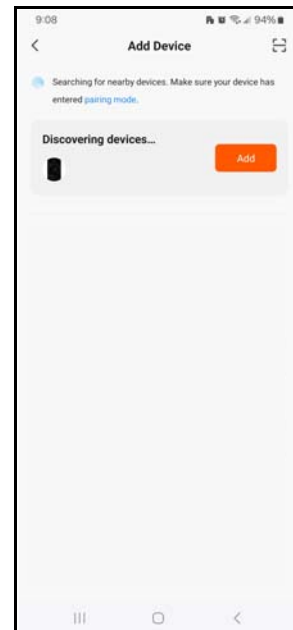


Figure 45. Add Device Screen

The *Enter Wi-Fi Information* screen appears.

3. From the list of WiFi networks detected, select the desired WiFi network.
4. Enter the WiFi password.
5. Tap the **Next** button.

If the *Add Device* screen appears, the **Sauna Control** displays a *being added* status message along with a progress circle.

- Proceed to Step 6.

OR

If the mobile device (i.e. phone, tablet) is not connected on the intended WiFi network, an error message will appear.

- If this error occurs, tap the *Go to Connect* option. The display returns to the *Add Device* screen.
- Then turn on WiFi on your device, following the on-screen prompts as needed.

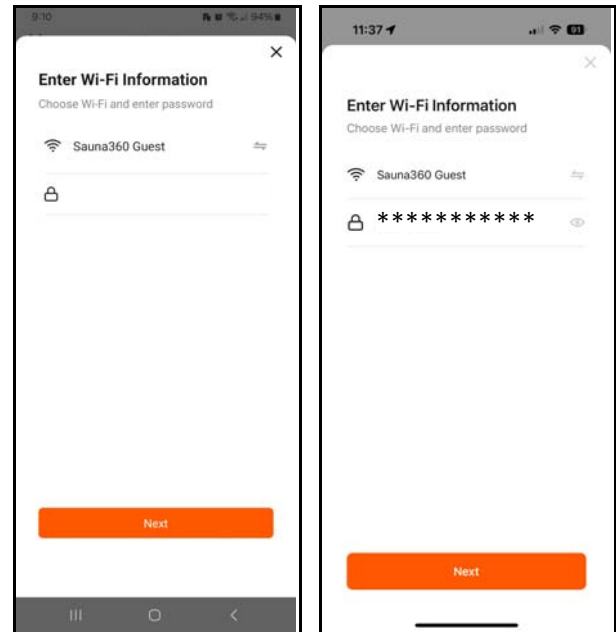
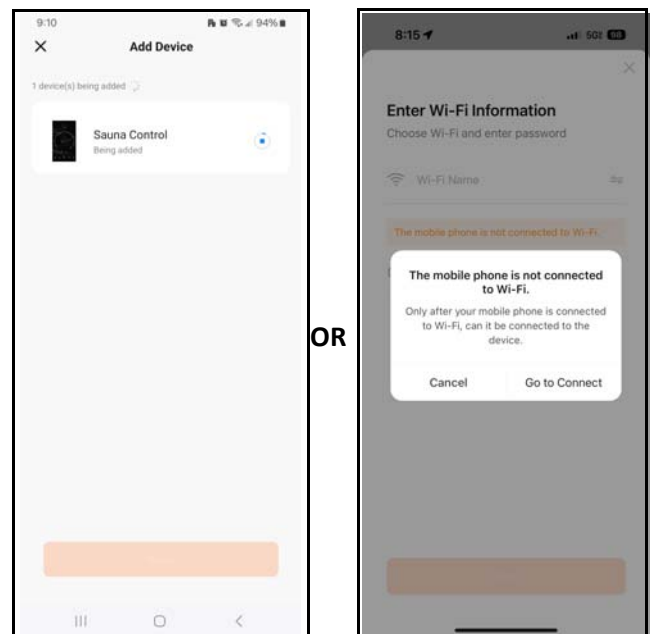


Figure 46. Enter Wi-Fi Information Screen



Adding the Sauna Control Message

WiFi Not Connected Error Message

Figure 47. Connection Messages

6. When the message displays *1 device(s) added successfully* with a green circle and check mark on the image of the sauna control, tap the **Done** button.

The *Home* page is displayed, showing the sauna control available and ready to run.

OR

If the app is not able to connect with the control, the *Failed to add the device* message appears.

- Tap the explanation point (!) icon.
A *failed to add the device* dialog message with instructions appears.
- After reading the instructions, tap the *Confirm* option to close the message and return to the *Add Device* screen.
- In the upper-left corner of the screen, tap the (X). The screen returns to the beginning of the pairing process.

7. To operate the sauna from the paired device, proceed to "SECTION 17. ANDROID WIRELESS OPERATION".

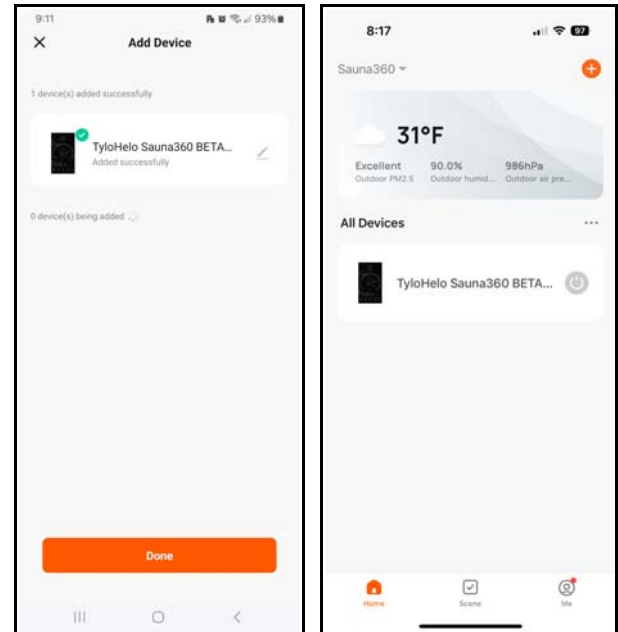


Figure 48. Device Added and Ready for Use

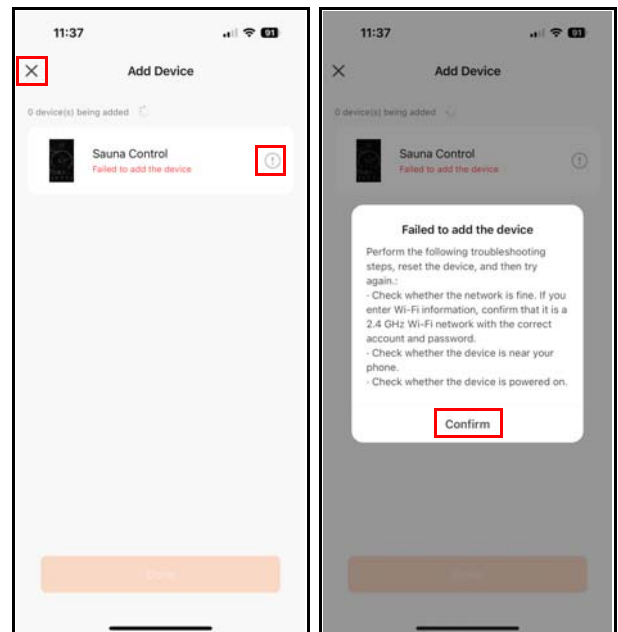


Figure 49. Failed to Add Device Messages

SECTION 17. ANDROID WIRELESS OPERATION

After you have successfully paired to the Bliss IS control, you can enjoy wireless operation of the sauna from your phone or tablet.

Additional control functions are available from this screen, such as *Sauna Duration*, *Set Temp*, etc. Refer to “SECTION 5. CONTROL QUICK GUIDE” and “SECTION 6. OPERATING the CONTROL” for details.

The sauna can also be turned on and off from the *Home* screen.

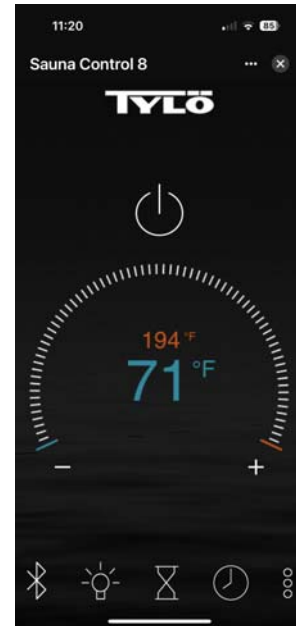


Figure 50. Tylo Mobile App



Figure 51. Stable WiFi Connection Established

Once a secure connection is established, the **WiFi** icon on the Bliss control changes to a solid blue.

8. When completed, tap the **Return Arrow** icon. The *Settings* screen re-appears.

SECTION 18. SHARING ACCESS TO THE CONTROL

The first phone paired with the Bliss IS control is the “**Owner**”. To allow others to use their phone(s) with the sauna control, requires the owner to “**Share**” access.

1. New user(s) need to create an account. This requires the new user(s) to have an active email address.
 - a. Download the App onto their phone/device.
 - b. Open the App and create a **new member** account.
 - c. After the account is created, log into the App.
2. From the App on the **Owner’s** phone/device, add the email address(es) of the new member(s) to the “**Family**”.
 - a. Click on “**Home Management**”.
 - b. Click on “**Home Settings**”.
 - c. Scroll to the bottom of the screen and select “**Add Member**”.

The new member then receives an email notification of the device being shared.

3. The new member accepts the sharing and now has access to the Bliss IS control from their phone/device.

SECTION 19. MAINTENANCE

Inspect sauna room at the end of each day the room to ensure the control and system is off.

The sauna, like a bathroom, should be kept clean and odor free. Towels or mats should always be used on benches and floor as perspiration otherwise penetrates the soft wood. To clean and remove perspiration stains, use soap or detergent in warm water, best applied with a scrub brush. Badly soiled surfaces may require sanding. Sand paper wrapped around a wooden block works well.

Air out the sauna often by keeping the door and vents open when the sauna is not in use. Saunas that are in daily use should be washed down at least once a week to keep them clean and the air fresh. Duck board should be removed from the sauna, the sauna floor mopped and dried in a conventional manner, and the duck board thoroughly scrubbed and dried before returning to the sauna room. The sauna heater should be wiped down occasionally with a damp cloth to remove lint and dust. The rocks should be removed once a year for cleaning and small or crumbled rocks replaced.

Benches and supporting structure must be inspected annually for potential deterioration due to age, dry rot or abuse. Any boards with signs of deteriorations should be replaced immediately to avoid possible injury.

SECTION 20. TROUBLESHOOTING

Should you need to contact the dealer or outlet you purchased the product, please have the model and type numbers of the heater, CB Box and control available prior to calling.

20.1. PRE-HEAT MODE

If the air temperature inside the sauna is below 10°F (-12°C) at startup, or if the temperature sensor is not detected, the *CAUTION Pre-Heat Mode* screen appears.



Figure 52. CAUTION Pre-Heat Mode Screen

1. Allow the heater to run for 5 minutes.
 - If the sensor is recognized, the CAUTION screen will go away.
 - If after 5 minutes the sensor is not recognized, the *WARNING Sensor Not Detected* screen appears. and the heater turns off.

20.2. SENSOR NOT DETECTED

When the sensor is not detected, power to the heater is disabled.

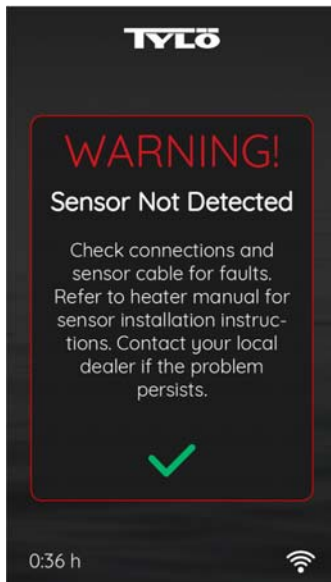


Figure 53.

1. Before performing a visual inspection, turn off circuit breakers to the sauna to remove all electrical power.
2. Refer to the content of the associated **Heater Installation and Operating Instructions** for details on the temperature sensor, cable and CB Box.
3. Check sensor electrical connections at the CB Box and at the sensor, looking for loose or broken wires, loose, corroded, or tarnished connections.
4. Inspect condition of the sensor circuit board for corrosion, tarnish and cold solder joints.
5. If the condition of the circuit board and electrical connections look good, then inspect the whole length of the sensor cable for visible damage.
6. When the inspection is completed and any user-fixable issues are corrected, re-apply power and test the operation of the sauna.
7. If the problem persists, contact your dealer.

20.3. HIGH LIMIT ERROR

When the high limit switch trips/activates, power to the heater is disabled.

While the heater is on and if the temperature at the heater rises above the high limit threshold, the heater shuts off, an audible control alarm is sounded, and the *WARNING High Limit Error* screen appears.

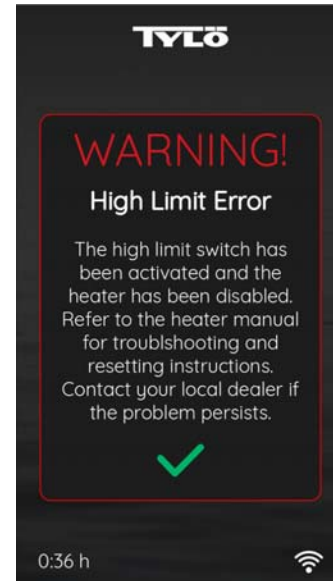


Figure 54.

1. Tap the green colored check mark.
 - The audible alarm turns off and the Home screen with heater off appears.
 - All icons on the Home screen remain functional, except for the **Power** icon.
2. Wait until temperature drops below the low temperature threshold and the high limit resets.
 - If the **Power** icon is tapped before the high limit has had time to reset, the WARNING High Limit Error screen will re-appear.
3. After the high limit has reset, tap the **Power** icon to turn the heater back on.
4. Refer to the content of the associated **Heater Installation and Operating Instructions** for details on sauna ventilation, how the heater is mounted, and placing sauna rocks to diagnose and correct the trouble. If the problem persists, contact your dealer.

20.4. DOOR OPEN

If an optional door switch (not provided by Sauna360) is installed, this message occurs when the control detects the sauna door is open for longer than 30 seconds.

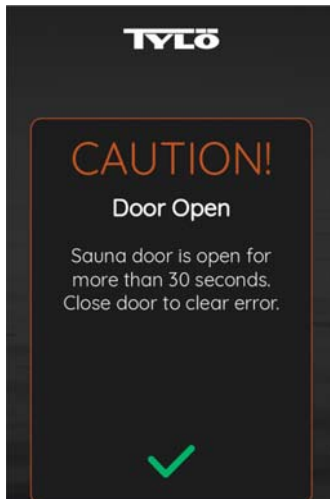


Figure 55. CAUTION Door Open

Close the door within two (2) minutes and the current sauna session will continue and the error message will go away.

If the door is open for greater than two (2) minutes, the **WARNING Door Open** screen appears and power to the heater is disabled.

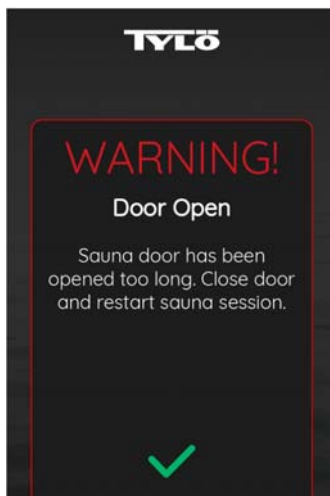


Figure 56. WARNING Door Open

Close the sauna door and press the green check mark, the Home Screen screen appears.

Press the **Power** icon to restart the sauna session.

20.5. JUMPER ERROR

This error occurs when the control detects an electrical jumper is open on the main board located in the CB Box.

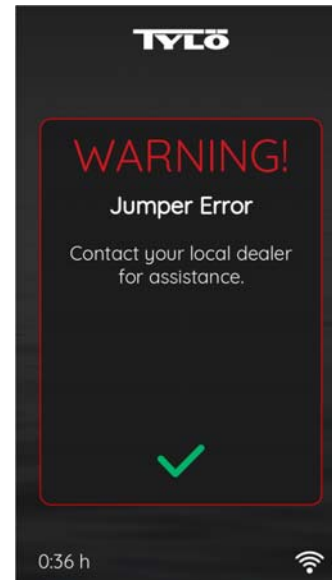


Figure 57.

There are no user-serviceable parts inside the CB Box. Shut off the breakers to the sauna and contact your dealer for assistance.

20.6. INFORMATION

When this message appears, tap the green check mark. Before inspecting, turn off the heater and allow the rocks to cool down before inspection/replacement.



Figure 58.

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