



S O L O

Application Guide



SMC-PG-SOLOAPP-2021.04 v1

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SOLO Application Download

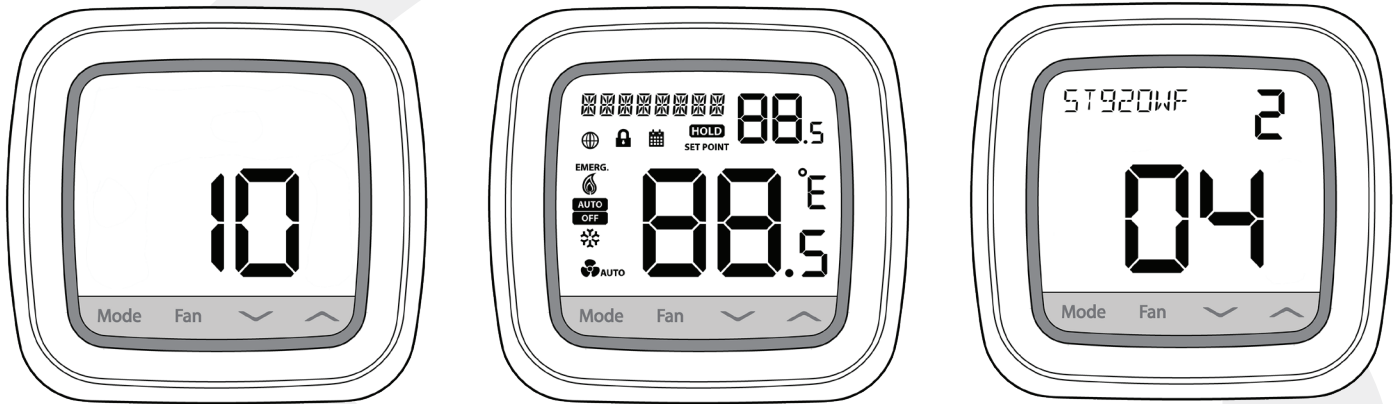


Before setting up the thermostat, download the **SALUS SOLO application** on your IOS or Android device. After downloading the application, follow the steps in this guide to connect devices.



Preparing the Wi-Fi Thermostat for Connection

Device Boot Sequence



Mobile Setup

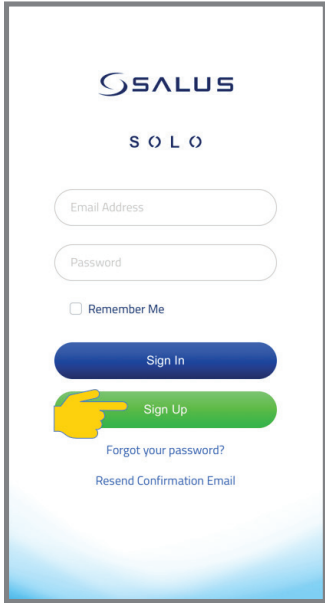
When a Thermostat is first powered or if a Factory Reset is performed, the above boot sequence will be displayed. The last screen displays the thermostat model and firmware version number.

When the text **MOBILE SETUP** begins scrolling across the text field, the thermostat is ready to connect with the smart device application.

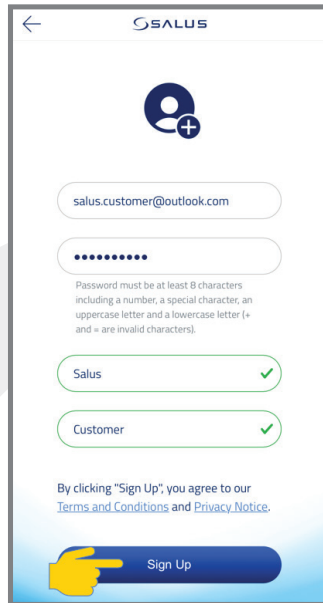
Manual Setup

The SALUS SOLO application is the most efficient way to configure the thermostat. If no Wi-Fi is available, you may configure the thermostat using the manual mode. Pressing any button switches displays **MANUAL SETUP**. Pressing **Fan** displays **NO** on the screen. Press **▼** or **▲** to display **YES**, then press **Fan** to enter manual setup. Instructions for manual setup are provided in Appendix A of this manual or can be downloaded separately from www.salusinc.com/downloads.

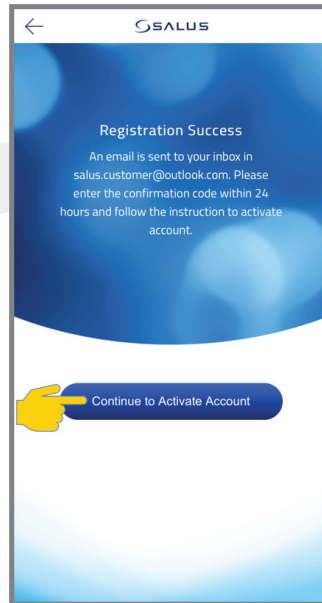
Application Registration & Activation



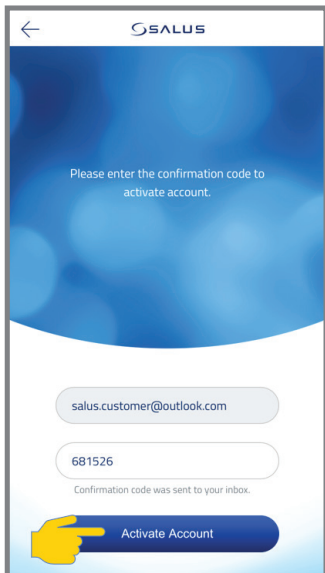
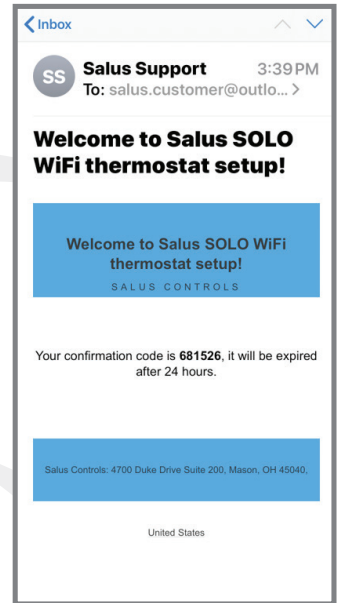
Open the SOLO Application on a mobile device. At the initial sign in screen select **Sign Up**.



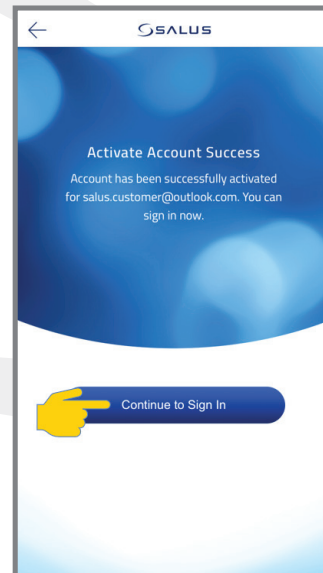
Enter an email address and password to be used to connect with devices along with a first and last name. Choose **Sign Up**.



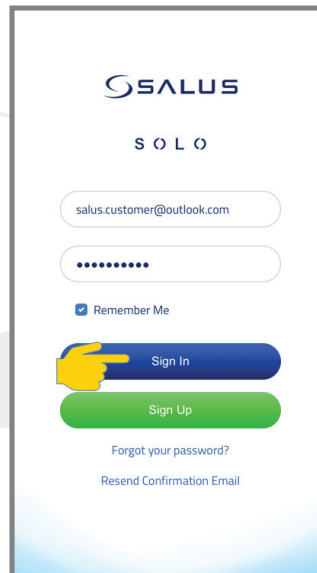
When successful registration is displayed, an automated email that includes a confirmation code will be sent. After receiving the email, press **Continue to Activate Account**.



Enter the confirmation code. Then press **Activate Account**.



After receiving confirmation of successful activation, press **Continue to Sign In**.

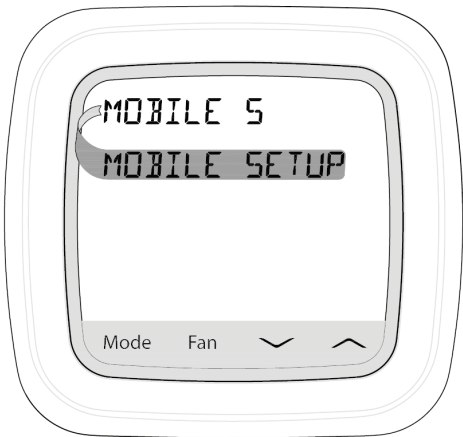


Enter the email and password used to create the account. Press **Sign In**.



When first signing in, a prompt to add a device will be displayed. The following section details this process.

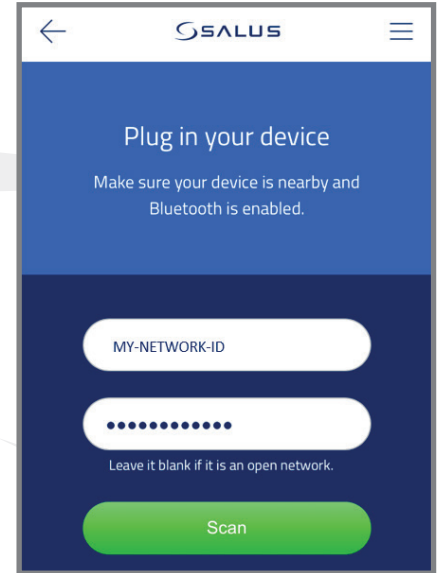
Connecting a Wi-Fi Thermostat to the SOLO Application



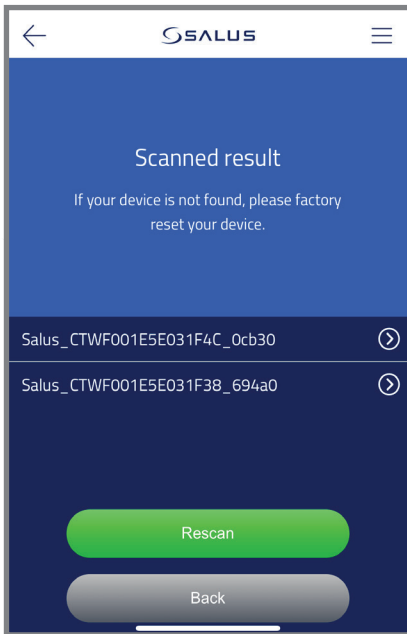
BE SURE that **MOBILE SETUP** is scrolling across the Thermostat screen and that Bluetooth® is enabled on the mobile device.



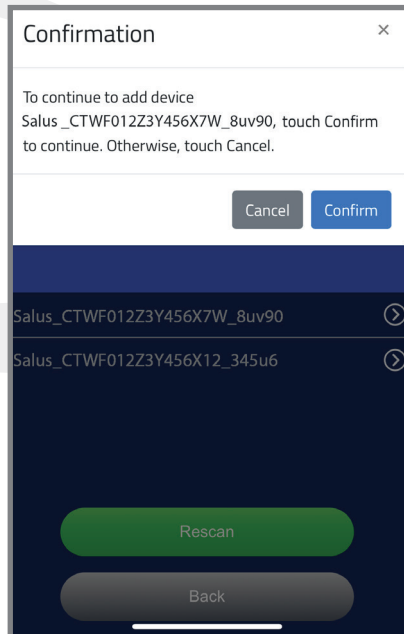
When initializing the SOLO Application, choose **Add Device** from the home screen. After a thermostat is added, all connected devices will be shown.



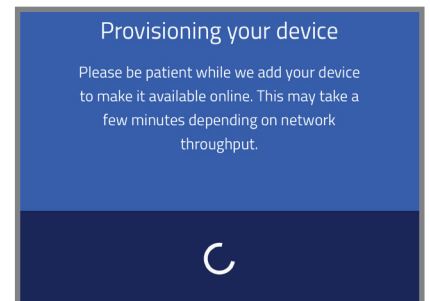
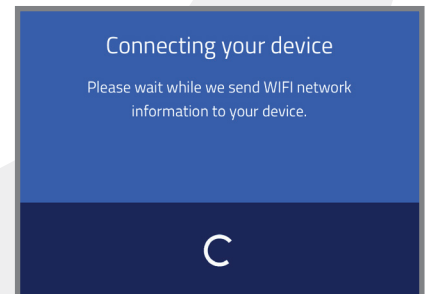
If Wi-Fi is enabled on the mobile device, the network ID is displayed. If a network key is required, enter it and press **Scan**.



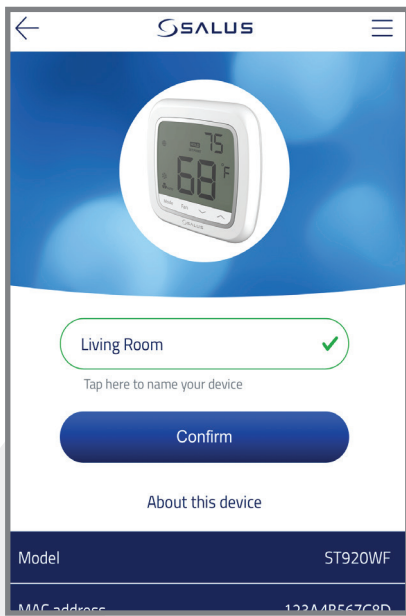
Select the desired device from the list of available units.



Select **Confirm** to continue adding the Thermostat.




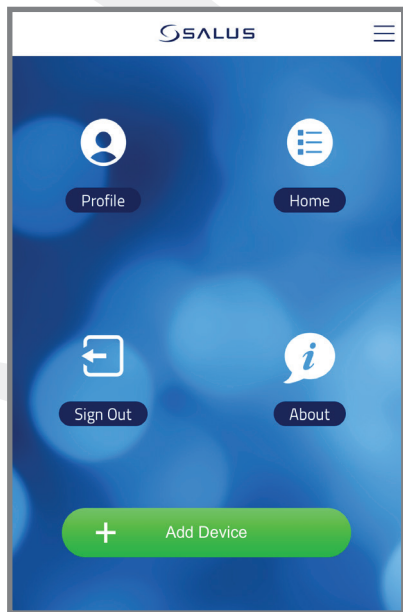
A series of messages are displayed providing information about the connection process.



Enter a unique descriptive name for the device so it is easily distinguished from others on the network. Press **Confirm**.



The Thermostat is listed on the Home Page. To add additional devices, press  in the upper right of the home screen to access the main menu.



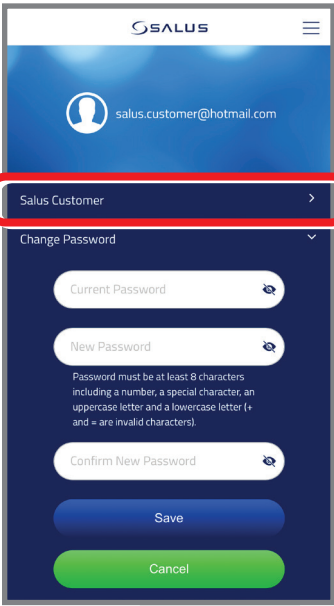
Pressing the **Add Device** button begins the process of connecting a new Thermostat with the SOLO Application.



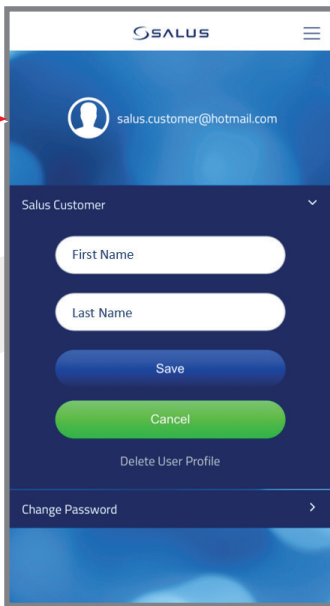
Newly added devices default to “Non-Programmable”, single-stage, heat only thermostats. See Wi-Fi Thermostat Settings for thermostat configuration.

Main Menu

Selecting ☰ from the upper right corner provides access to the following menu items.



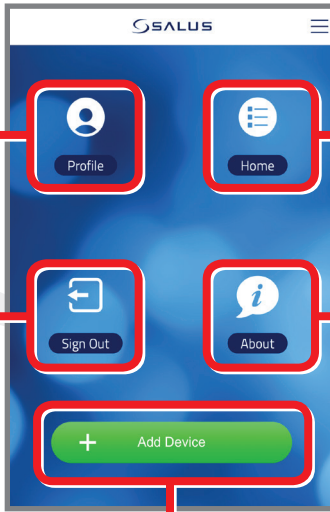
Customer Name



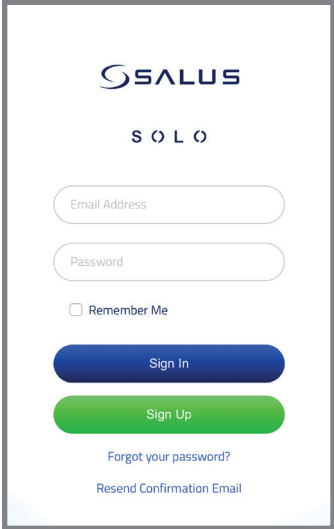
Profile



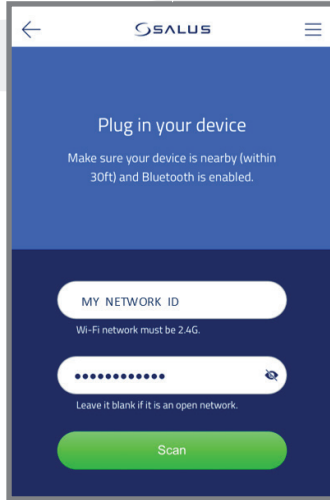
Home



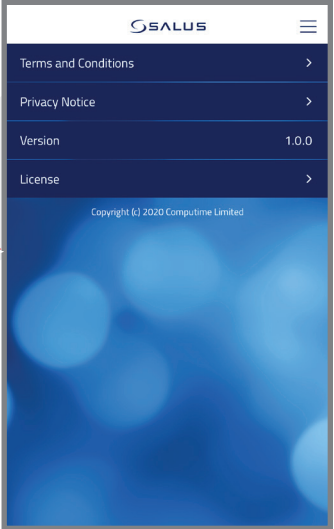
Add Device



Sign Out



About



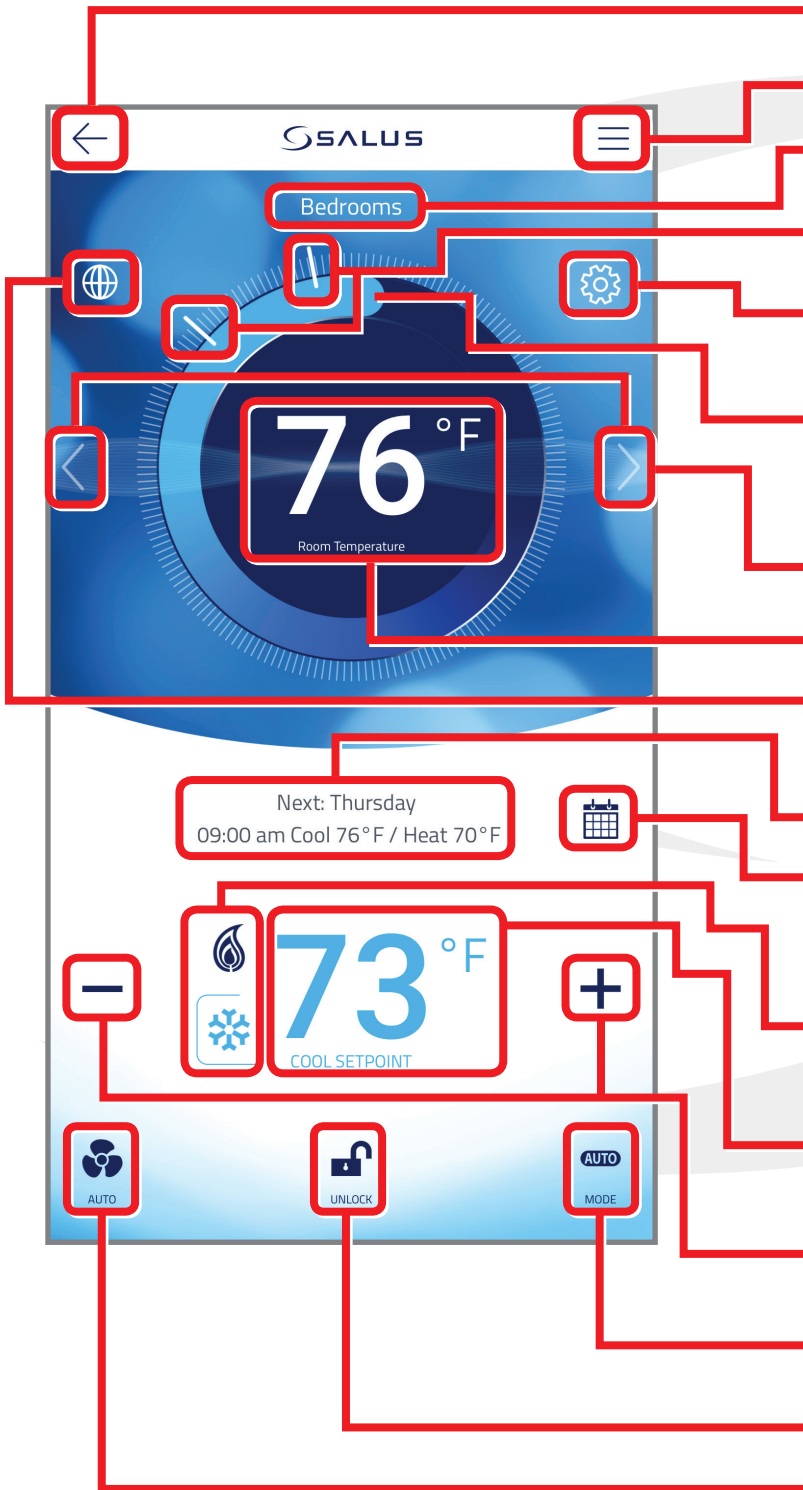
Home Screen Elements

Legend:

- Green = Thermostat Satisfied
- Orange = Heating is ON
- Blue = Cooling is ON

| Screen Element | Description |
|-----------------------------|---|
| Main Menu | Access to Profile, Sign Out, About, Add Device, Home (This Screen) |
| Device Label | Unique identifier for each device |
| Cloud Server Connection | The icon will flash if there is an issue with connection to the cloud server. |
| Current Set Point | The current thermostat target temperature |
| Increase/Decrease Set Point | Set point adjustment. The current set point will react immediately to touch. |
| Heat/Cool Mode | Touch to cycle through OFF / HEAT / COOL / AUTO |
| Current Room Temperature | Displays the current room temperature |
| Fan Mode | Touch to toggle between ON/AUTO |

Device Detail Elements




| Screen Element | Description |
|-------------------------------|---|
| Back to Home Screen | Return to Home Screen that shows all devices. |
| Main Menu | Access to Profile, Sign Out, About, Add Device, Home (This Screen) |
| Device Label | Unique identifier for each device |
| Set Point Graphic | Graphical illustration of the setpoint compared to current room temperature |
| Settings Menu | Access to Functional, Preference and System Settings |
| Room Temperature Graphic | Graphical illustration of the current temperature: Green = Satisfied Orange = Heating ON Blue = Cooling ON |
| Previous/Next Device | Change the device to be adjusted |
| Current Room Temperature | Displays the current room temperature |
| Cloud Server Connection | The icon will flash if there is an issue with connection to the cloud server. |
| Schedule Adjustment | Make changes to schedule time and/or set points |
| Schedule Enable/Disable | Enable or disable current schedule |
| Current Mode Graphic | Heat Symbol Orange = Heating Set Point Cool Symbol Blue = Cooling Set Point |
| Current Set Point Temperature | The current thermostat target temperature |
| Decrease/Increase Set Point | Set point adjustment. The current set point will react immediately to touch |
| Heating/Cooling Mode | Touch to select OFF / HEAT / COOL / AUTO |
| Key Lock Indicator | Lock Thermostat keys to prevent local adjustment |
| Fan Mode | Choose between ON/AUTO |

Wi-Fi Thermostat Settings



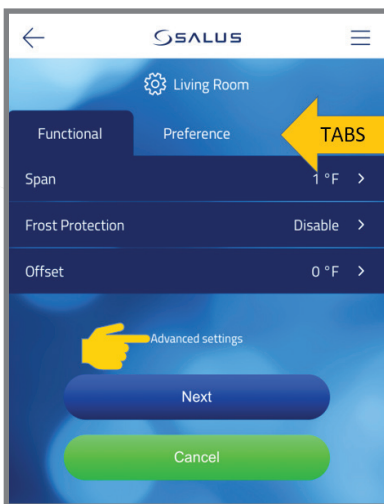
To access Wi-Fi Thermostat settings, select the temperature display of the desired device.



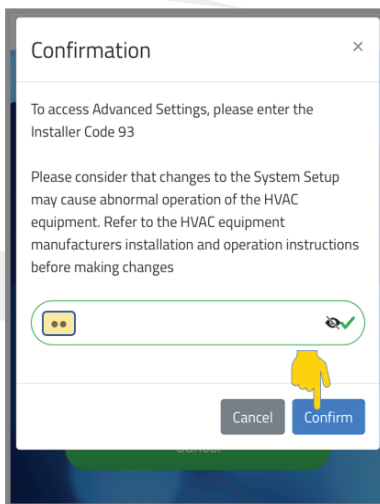
From the detail screen, choose the  icon to access settings.



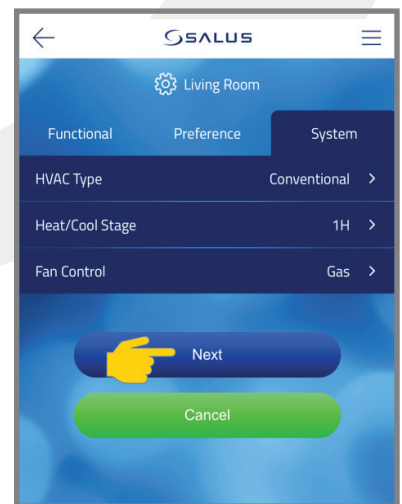
The settings screen shows all the relevant settings for the default conventional gas furnace or boiler. Choose **Edit** to make changes.



The two visible tabs are **Functional** and **Preference** settings. Choose these tabs to access the basic settings. For system setup, select **Advanced** settings.



The SOLO Application requires an Installer Code to continue. Copy the number to the green box and press **Confirm**.



Starting with the **System** tab, make sure all settings are set as desired. The following chart provides information about each setting. When complete, press **Next**.

Functional Settings

| Setting | Description | | |
|---|---|---------------------------------|------------------|
| Span | Controls the allowable difference between the set point and room temperature. | | |
| | Default | Range | Increment |
| | 1°F (0.5°C) | 1°F to 2°F (0.5°C to 1.0°C) | 1°F (0.5°C) |
| Frost Set Point | Temperature below which the thermostat calls for heat regardless of target set point. Intended to prevent freezing. | | |
| | <i>Note: Frost Protection must be Enabled for this item to be displayed</i> | | |
| | Default | Range | Increment |
| | 41°F (5°C) | Off; 41°F to 63°F (5°C to 17°F) | 1°F (0.5°C) |
| Frost Protection | Enable or disable frost protection to prevent freezing in the building. | | |
| | Default | Range | |
| | Disable | Disable or Enable | |
| Offset | The calibration offset changes the temperature displayed by the amount shown compared to the sensed temperature. | | |
| | Default | Range | Increment |
| | 0 | -6°F to 6°F (-3°C to 3°C) | 1°F (0.5°C) |
| Deadband, Maximum Set Point for Heating and Minimum Set Point for Cooling are accessible only if <i>Advanced Settings</i> is chosen. | | | |
| Deadband | The allowable difference in temperature between heating and cooling set points in AUTO Mode. | | |
| | <i>Note: Both heating and cooling must be selected in System Settings for this item to be displayed.</i> | | |
| | Default | Range | Increment |
| | 4°F (2°C) | 2°F to 4°F (1°C to 2°C) | 1°F (0.5°C) |
| Maximum Set Point for Heating | The maximum allowable temperature for the heating set point. | | |
| | <i>Note: At least one heating stage must be selected in System Settings for this item to be displayed.</i> | | |
| | Default | Range | Increment |
| | 90°F (32°C) | 41°F to 95°F (5°C to 35°C) | 1°F (0.5°C) |
| Minimum Set Point for Cooling | The minimum allowable temperature for the cooling set point. | | |
| | <i>Note: At least one cooling stage must be selected in System Settings for this item to be displayed.</i> | | |
| | Default | Range | Increment |
| | 50°F (10°C) | 41°F to 95°F (5°C to 35°C) | 1°F (0.5°C) |

Preference Settings

| Setting | Description | |
|---------------------|--|---|
| Temperature Display | Temperature units in degrees Fahrenheit (US Customary Units) or Celsius (SI Metric). | |
| | Default | Range |
| | °F | °F/°C |
| Hour Format | 12- or 24-hour time format. | |
| | Default | Range |
| | 12:00 | 12:00/24:00 |
| Time Zone | North American time zone selection. | |
| | Default | Range |
| | Pacific | Alaska, Central, Eastern, Hawaii, Mountain, Pacific |

System Settings (Advanced)

| Setting | Description | | |
|-----------------|--|--|--|
| HVAC Type | Choose Conventional for furnace or boiler applications, choose Heat Pump for electric heat pumps, choose dual fuel for gas/electric systems. | | |
| | Default | Range | |
| | Conventional | Conventional, Heat Pump, Dual Fuel | |
| Heat/Cool Stage | Number of heating (H) or cooling (C) stages with or without Auxiliary/Emergency Heat (+Aux/E) | | |
| | Default | HVAC Type | Range |
| | | | ST920WF |
| | | | ST921WF |
| | 1H | Conventional | 1H, 2H, 1H1C, 2H1C, 2H2C, 1H2C, 1C, 2C |
| Heat Pump | | 1H, 1C, 1H1C, 1H+AUX/E, 1H1C+AUX, 2H, 2C, 2H2C, 2H+AUX/E, 2H2C+AUX/E | 1H, 1C, 1H1C, 1H+AUX/E, 1H1C+AUX, 2H, 2C, 2H2C |
| Dual Fuel | | 2H, 2H1C, 3H, 3H2C | 2H, 2H1C |
| Fan Control | Choose the energy input type (gas or electric) for fan control logic. | | |
| | <i>Note: Conventional HVAC Type must be selected for this item to be displayed.</i> | | |
| | Default | Range | |
| | Gas | Gas or Electric | |
| Changeover | Choose B (Cool Default) or O (Heat Default) for Heat Pump Systems. | | |
| | <i>Note: Heat Pump or Dual Fuel HVAC Type must be selected for this item to be displayed.</i> | | |
| | Default | Range | |
| | B | B or O | |



After changing desired settings, the SOLO Application shows all current settings on one screen. Scroll down and press **Confirm** to continue. Pressing **Cancel** discards any changes and returns to the previous screen.



Review the settings for accuracy. Choose ← to return to the Thermostat screen.



Descriptions of the Home Screen and Device Detail elements are under the **Menu & Screen Elements** section of this guide.

Wi-Fi Thermostat Schedule Setup

SALUS SOLO Wi-Fi Thermostats are configured as Non-Programmable by default. Use the following instructions to set up a programmable schedule on the device.



Choose the  icon to begin setting up the thermostat schedule.



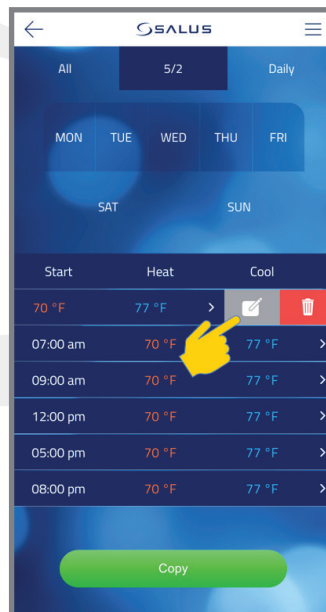
Choose **Follow Schedule** to enable schedule set up.




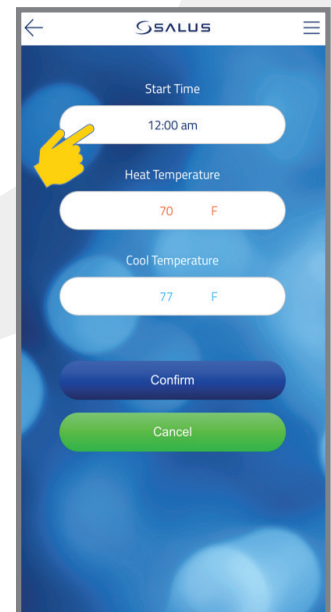
Touch the schedule text to change the default schedule and set points.



Choose the **All** tab to create a single schedule for the entire week, **5/2** to create weekday / weekend schedules or the **Daily** tab to create different schedules for each day.

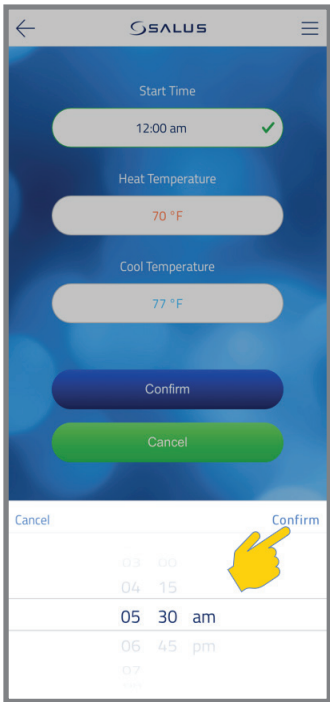


Touching the right arrow symbol > allows you to edit or delete the schedule period. Touch  to edit the period.

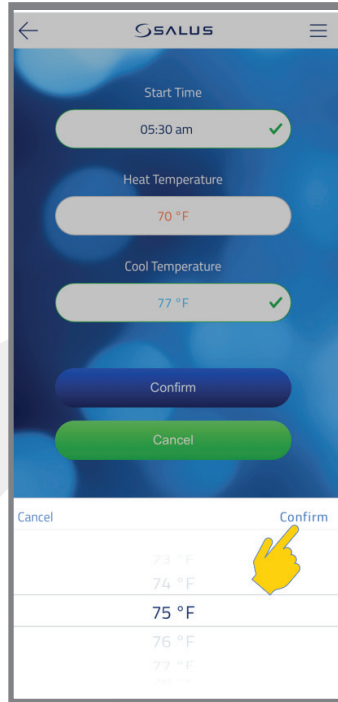


Selecting the **Start Time** opens a spinner dialog to set the period start time.

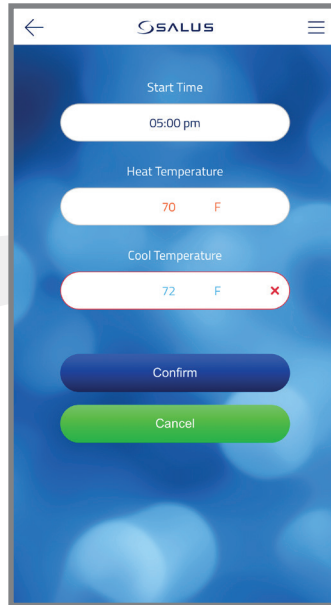
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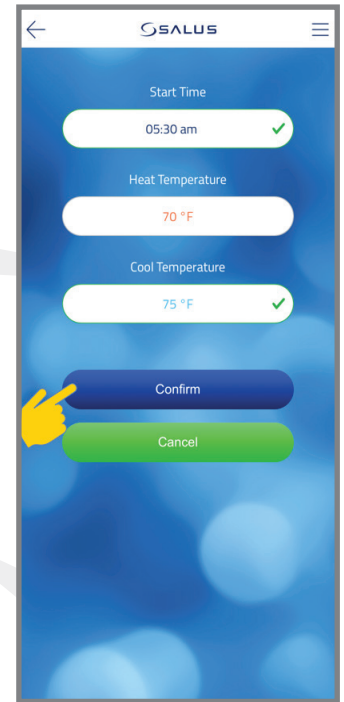
Be sure to press **Confirm** after changing the time values. Touching another part of the screen cancels the changes.



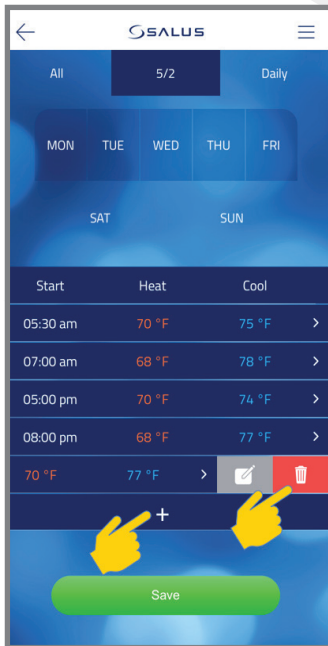
Edit the **Heat** and **Cool Temperature** values. Then press **Confirm**.



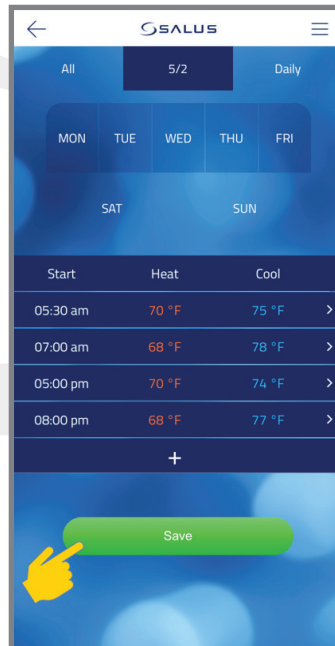
If the Heat and Cool Temperatures are set such that the difference is less than deadband setting, **X** will appear next in place of a **✓** and the setting will not be saved.



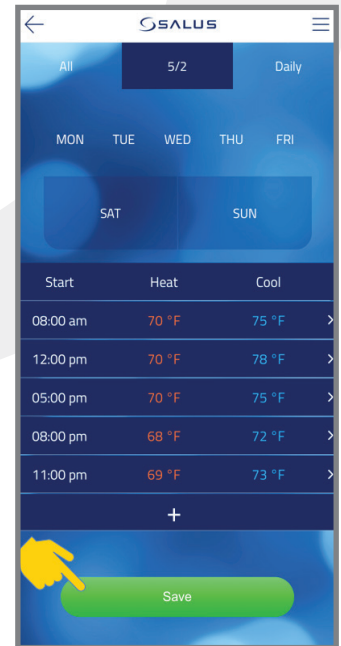
Once all parameters are set for a period, press **Confirm** to accept the values.



Pressing the  icon removes unwanted periods. Choose  to add additional periods.



Once all desired changes are made for a day or group of days, press **Save**.



Repeat this sequence for all remaining days or groups of days.


Note: A maximum of 6 periods can be programmed and at least 1 period is required per day or range of days.

Schedule Override




To temporarily override the current scheduled temperature, simply use the + or – icons to change the target set point.



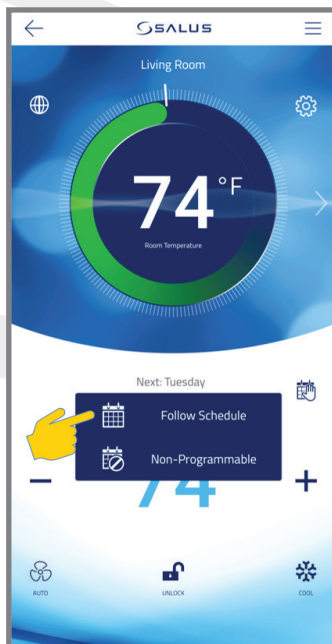
The schedule icon changes to  indicating the temperature setpoint has been temporarily overridden.



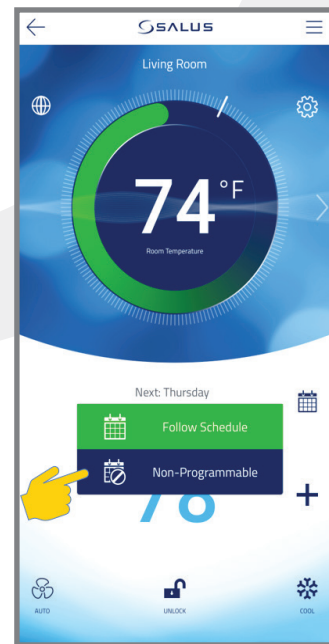
Pressing  to return to the home screen, the new set point is displayed above the current temperature.



To return to the schedule, press the  icon.



Select follow schedule to return to the schedule program.



To permanently override the schedule, change the SOLO Thermostat to **Non-Programmable**. The programmed schedule will resume when **Follow Schedule** is next selected.

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