

Steambath Control

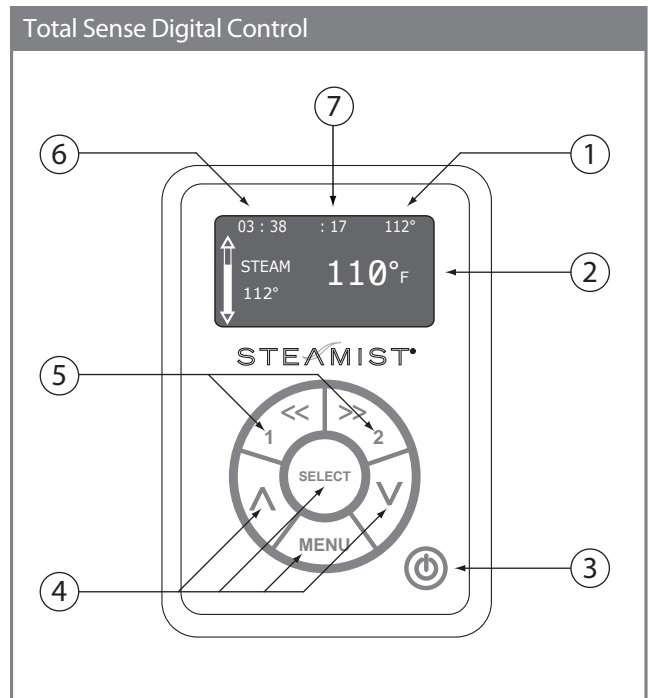
Model: TSC

Control Features

1. **Set Point:** Indicates steamroom setpoint temperature.
2. **Temperature Display:** Indicates ambient room temperature.
3. **ON/OFF Keypad:** Press keypad to start the system as a guest user. Press the Keypad any time the system is on to turn it off.
4. **Navigation Keys:** UP/Down Arrows, Menu, and Select.
5. **User 1 / User 2:** Press to select Pre-Set user settings.
6. **Clock:** Displays current time.
7. **Duration:** Remaining time of the system cycle.

IMPORTANT: Control must be installed inside the steam- room for proper operation of the system.

Cleaning Instructions: Use a damp cloth and mild soap. Do NOT use abrasive cleaners which might scratch the surface or the base of the control.



Installation Instructions

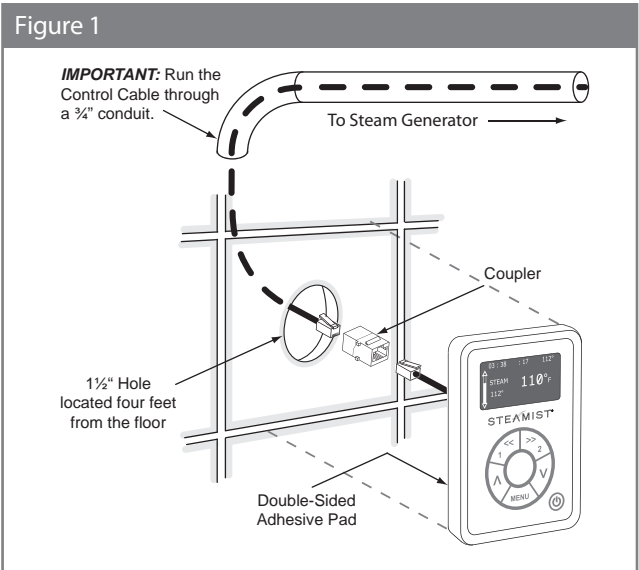
1. Pre-Installation - Control Location


The TSC Control must be installed inside the steam- room. For convenience the recommended height from the floor is four feet. Provide a 1½" hole in the wall at this location (see Figure 1).

IMPORTANT: Multi-conductor cable must be installed so that the end will not be buried inside the wall. The unit will not operate unless the control is installed.

2. Electrical Rough-in

Remove the multi-conductor cable from the control packing box. Carefully route the multi-conductor control cable from the steam generator to the TSC located inside the steam-room (see Figure 1). Route multi-conductor cable through a ¾" conduit to protect the cable from damage and to facilitate replacement if necessary.



 **WARNING:** Elderly persons, pregnant women, or those suffering from heart disease, high blood pressure, diabetes, or who are otherwise not in good health, do not use this device unless directed to do so by a physician. Also, do not use steambath while under the influence of alcohol.

IMPORTANT: The TSC Control will only function with one of the following Steamist Generator models: TSG-7, TSG-10 or TSG-15 steam generators.

3. Control and Cable Installation

- a) Locate the previously installed cable and black plastic strain relief clamp which is in the control packing box. Locate the knockout on the steam generator for the control cable (see Figure 1).
- b) Place strain relief around cable about seven inches from the end and insert into the hole. Remove the protective covering labeled "Remove Before Installation" from the modular jack found on the PC board.
- c) Remove the protective cap from the multi-conductor cable plug. Connect the cable to the modular jack.
- d) Close and secure generator cover.
- e) Locate Telco Jack at female coupler, on back of the TSC control. Remove the protective covering labeled "Remove Before Installation". Remove protective cap from cable and plug into jack. Check that the orientation of the plug properly aligns with the jack. A snap will indicate the plug is installed correctly (see Figure 2).

WARNING: Test the control for operation before continuing on to the next step.

- f) Peel adhesive liner from back of the control. Apply the control to the wall. Press firmly and hold for a few seconds.
- g) After the control is in place, apply silicone (supplied) around the control to form a watertight seal.

Figure 3

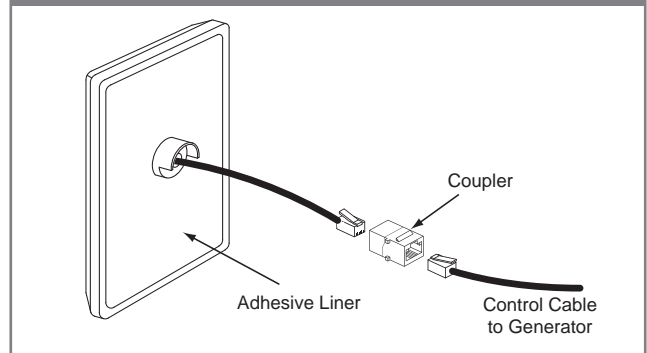
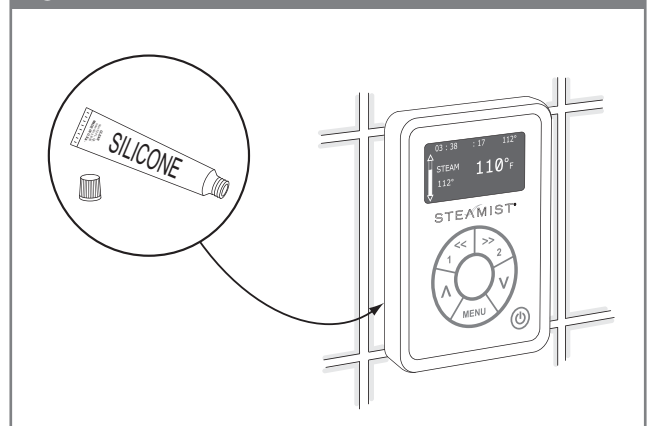
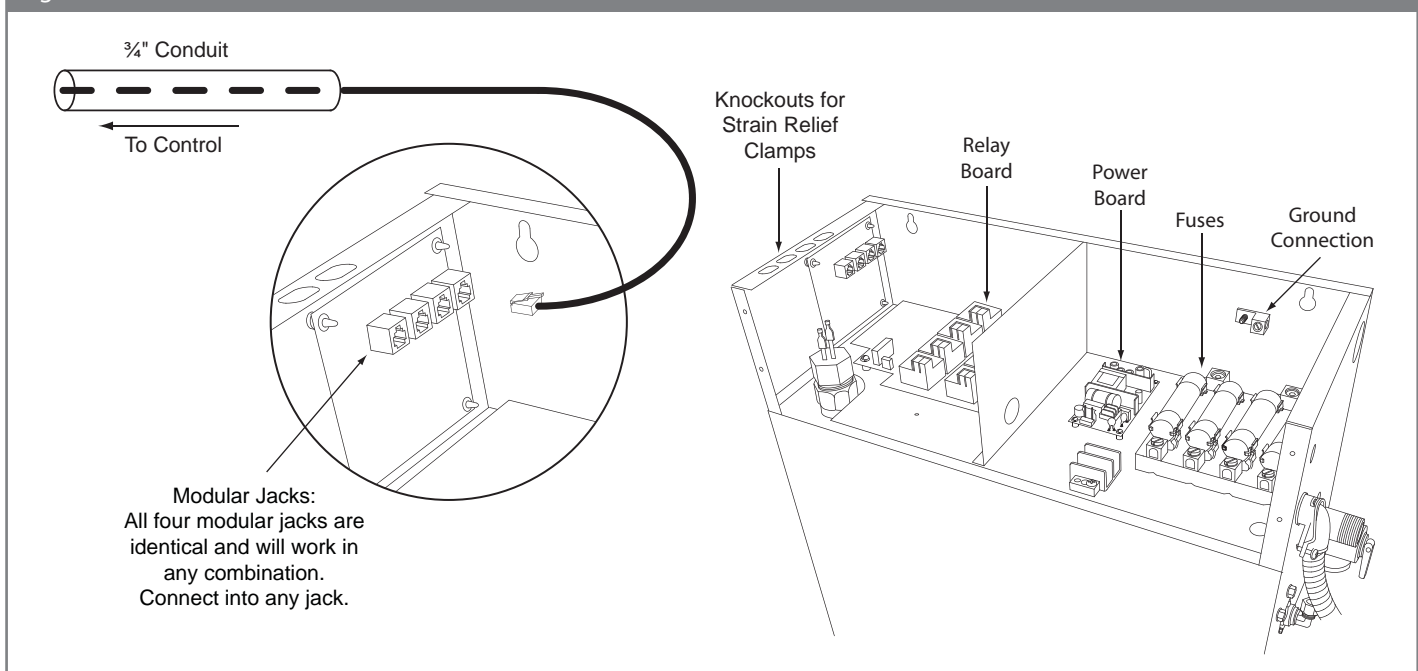


Figure 4



IMPORTANT: The adhesive on the back of the TSC control will NOT seal this control. It is the responsibility of the installer to seal this control to the wall with the supplied silicone. Water damage to the control is not covered by the warranty.

Figure 2 - Cable Installation on Steam Generator



Installation Instructions for Steamhead & Center Hub

1. Make sure the 3/4" nipple protrudes beyond the tile approximately 1/2" (see Figure 5).
2. Wrap the nipple with pipe sealant tape.
3. Put a bead of silicone around the outer edge of the Back Plate (see Figure 5) and center the Back Plate over the pipe in an upright position. While holding it in place screw the Center Hub onto the nipple, using a 3/8" Hex Key to tighten.
4. The Center Hub **MUST** be aligned with the four walls in the vertical and horizontal position (see Figure 6). Make sure the steamhead O-ring is fully seated into the Back Plate. If the nipple is sticking out too far the O-ring will not make a proper seal and the nipple must be adjusted.
5. Apply a small amount of silicone at the back center point of the Cover Plate. This will aid in preventing movement of this plate (see Figure 6).
6. Place the Cover Plate over the Center Hub. This is accomplished by first hooking the top and then snapping the bottom into place.
7. Adjust the Back Plate and Cover Plate to line up squarely, and clean excess silicone with rubbing alcohol.

Figure 6 - Center Hub Installation

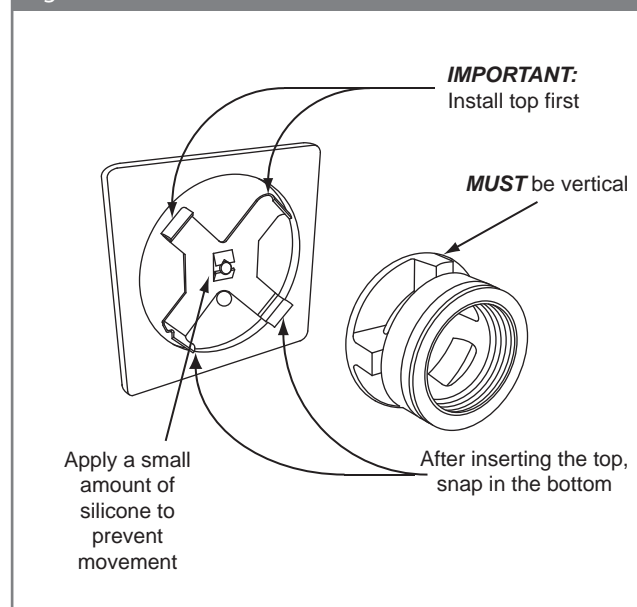
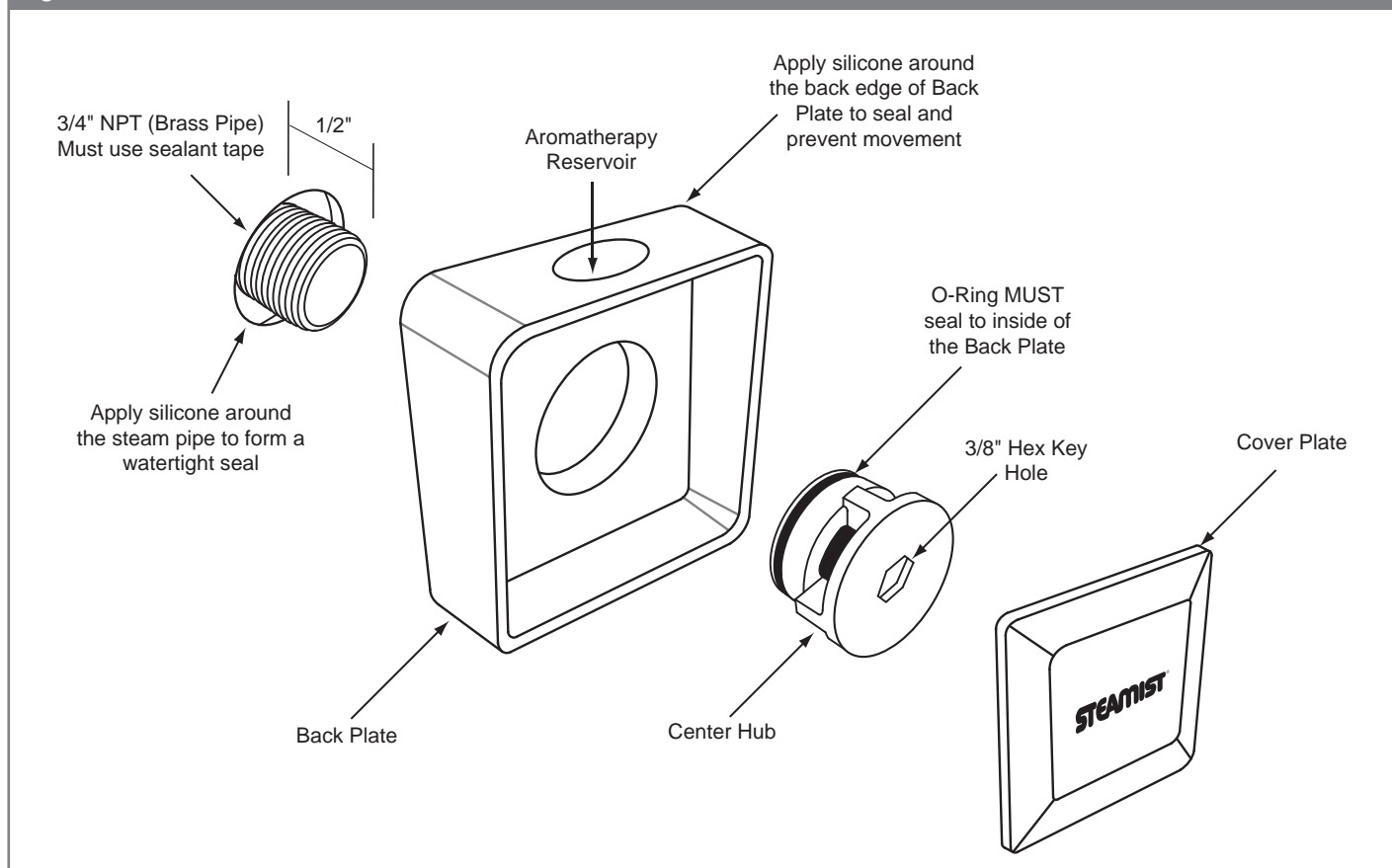


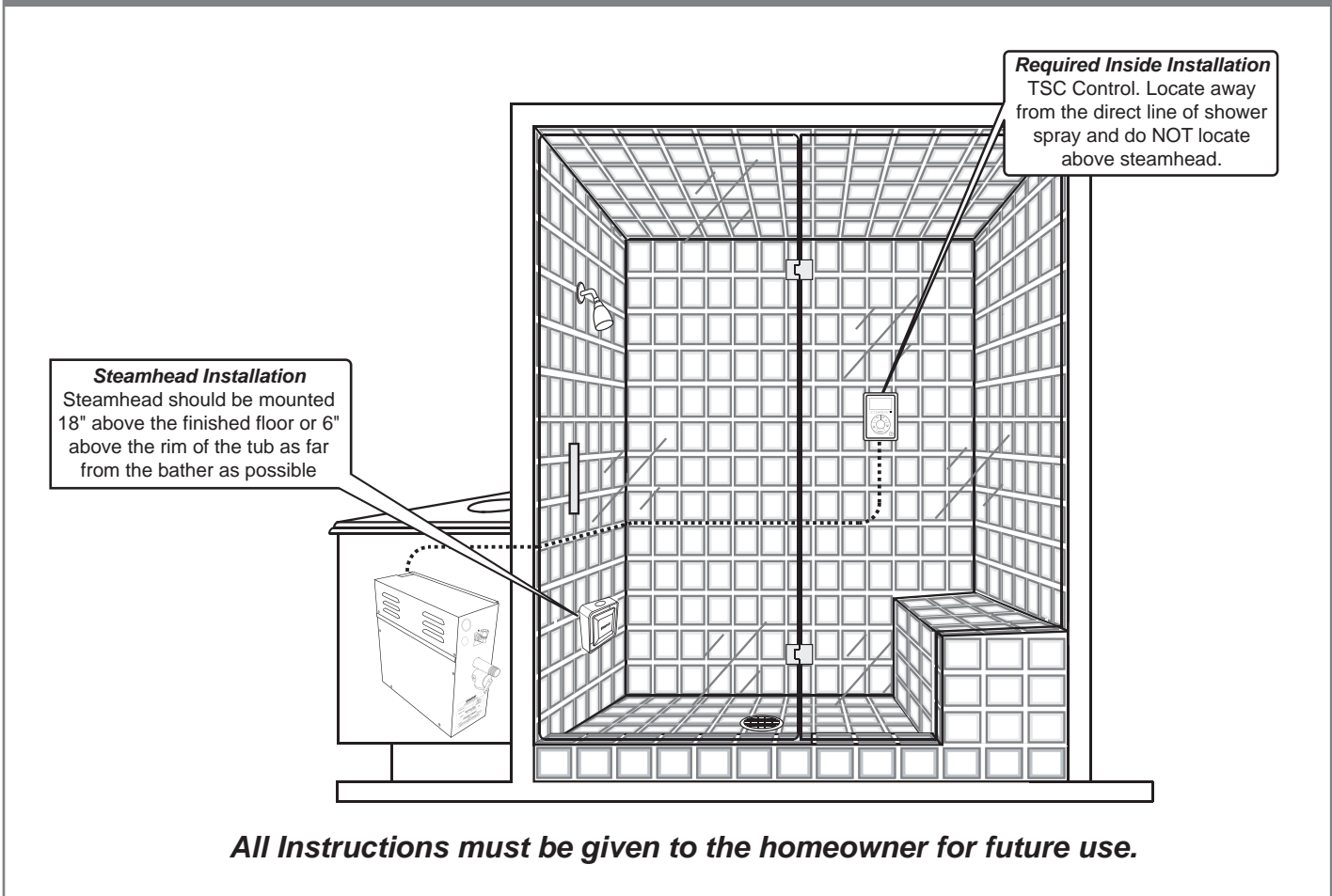
Figure 5 - Steamhead Installation



The Total Sense Control (TSC) has a built in temperature sensor and therefore requires the TSC control to be installed inside the steam room.

Max Temperature setting: 120°F
 Max Time setting: 60 Minutes

Figure 7 - Installation Suggestions





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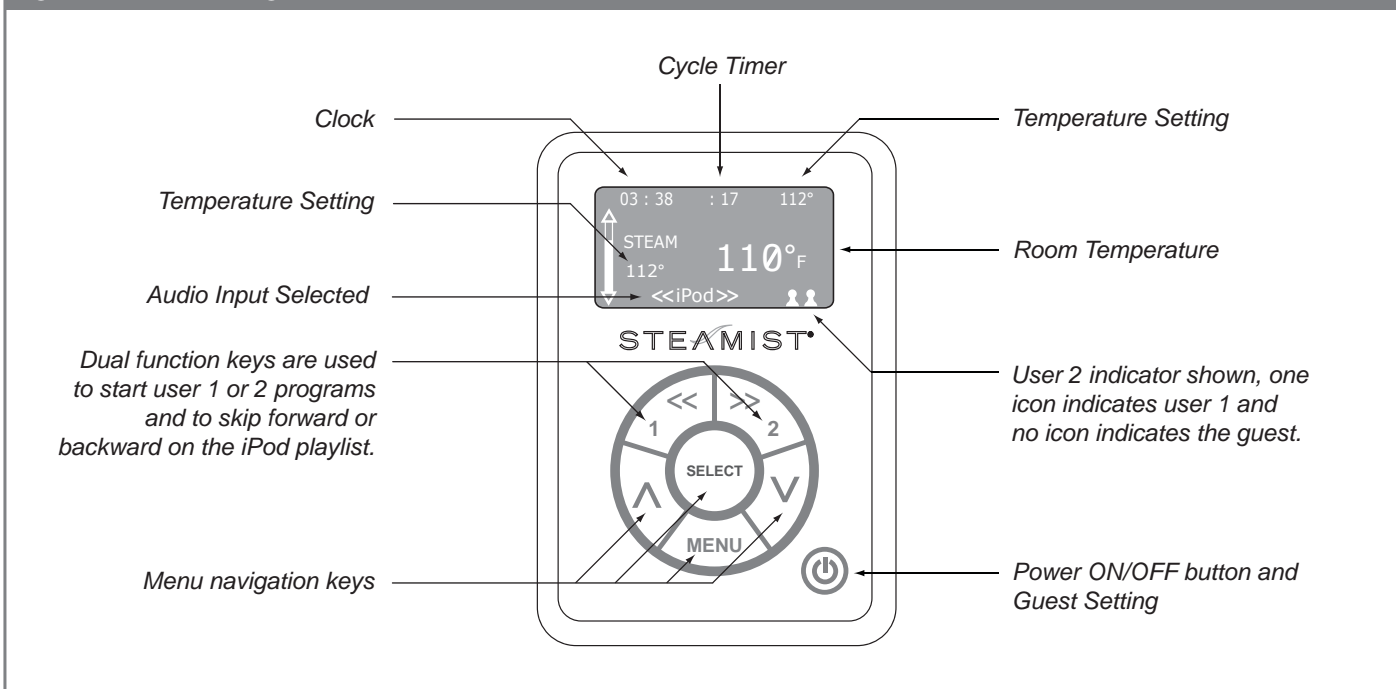
Operation

Model: TSC



WARNING: Elderly persons, pregnant women, or those suffering from heart disease, high blood pressure, diabetes, or who are otherwise not in good health, do not use this device unless directed to do so by a physician. Also, do not use steambath while under the influence of alcohol.

Figure 1: Total Sense Digital Control



The Total Sense Control (TSC) has a built in temperature sensor and therefore **MUST** be installed inside the steam room.

Operation

Model: TSC

Programming the User Settings

To program User 1, press the user 1 select button. The display will show the User one icon. It will also show the steam bath temperature settings, as shown in Figure 2. In the steam mode the set temperature is easily adjusted with the Up and Down arrows (Figure 2).

Press the Select button and the remaining cycle time is shown. The time may be adjusted up or down from 0-60 minutes. Adjusting the time in this window only alters the current cycle (Figure 3).

Figure 2

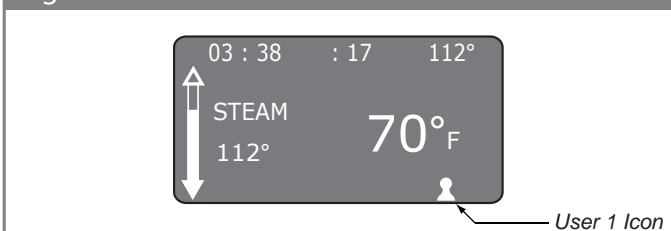
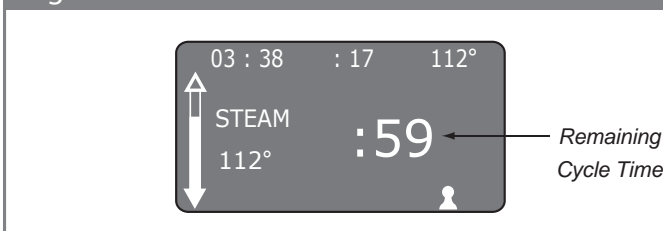
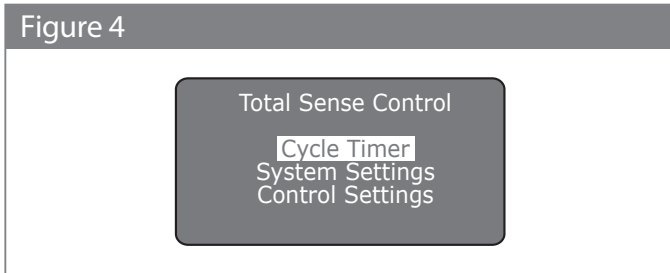


Figure 3



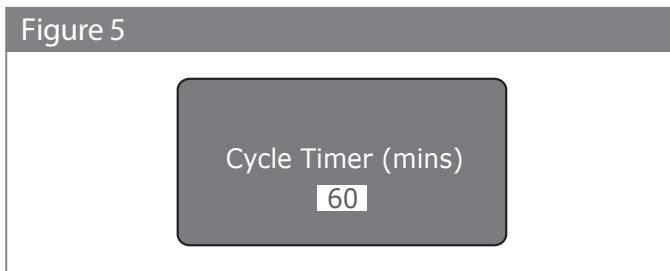
To adjust the default cycle time, press and hold the MENU button until the setup window is displayed. This displays the system setting discussed later in this document and also is where the default timer is changed (Figure 4).

Figure 4



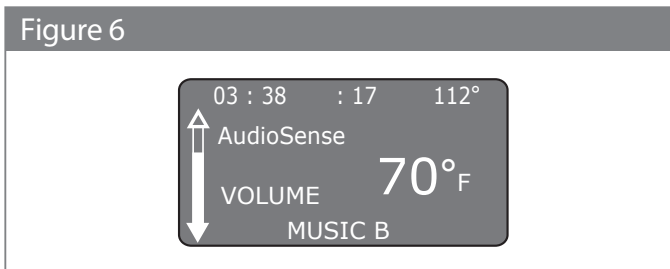
With the CYCLE TIMER highlighted, Press select. Use the arrow Up or Down buttons to adjust the default time cycle for that current user (Figure 5).

Figure 5



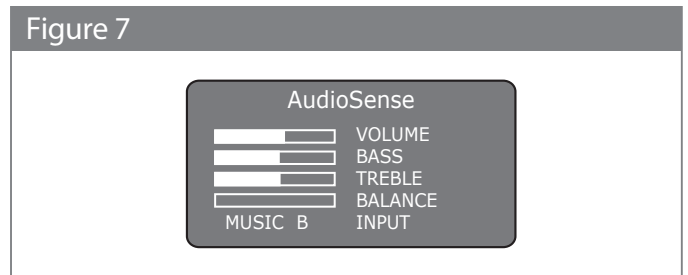
Press the MENU button to back out of the current display which will bring you back to the TOTAL SENSE CONTROL screen, Press the MENU button again to return to the USER 1 STEAM screen. Press the MENU button a third time and if the AudioSense option is installed the display will show the AudioSense Mode. In this mode pressing the Up or Down arrows changes the volume. The bottom of the display shows the selected audio input (Figure 6).

Figure 6



Pressing the SELECT button while in AudioSense mode, gives you more options to adjust you music settings. Press the select button again until the setting you want to adjust is highlighted. Then use the Up or Down arrow buttons to adjust that setting. High light INPUT to select between iPod, Music A and Music B. Music A is the 3.5 mm phone jack input on the left side of the TSC control module. Music B is the RCA jacks on the side of the TSC control module (Figure 7).

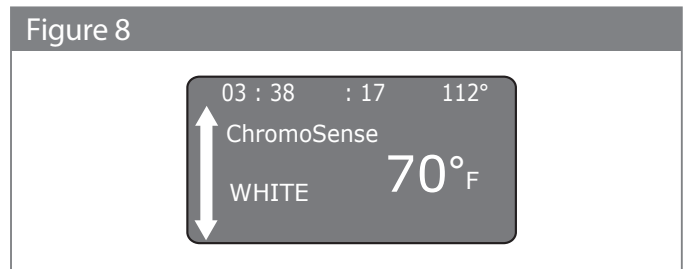
Figure 7



Press the MENU button to return to the previous AudioSense Mode.

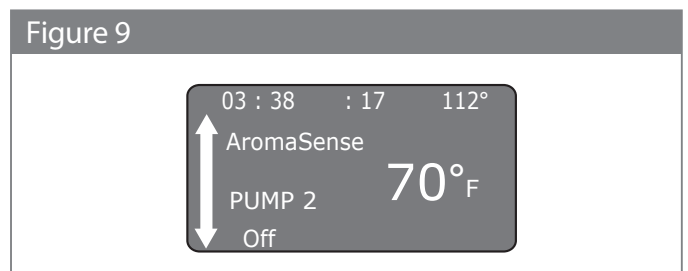
Press the MENU again to switch to ChromaSense mode. While in the ChromaSense mode, use the select button to toggle between the different ChromaSense mood lights. Use the arrow keys to adjust the light intensity (Figure 8).

Figure 8



Press the MENU button to toggle the AromaSense mode. The selected pump either 1 or 2 is shown. To change the selected pump, press the select button. Pressing the select button toggles between pump 1 and 2. To adjust the intensity of the oil press the Up or Down button. The lowest ON setting is slightly less than one drop per minute and the highest setting is about 5 drops per minute. To turn the selected pump off press the down button until the word OFF is displayed (Figure 9).

Figure 9

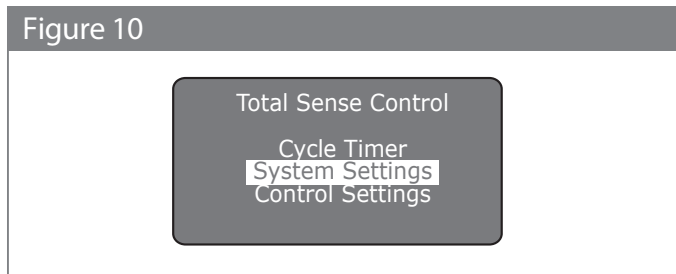


Press the MENU button again to return to the Steam mode. This completes all the user settings for User 1. To set up USER 2 press the power OFF button to turn the power off. Then press USER 2 and repeat the above steps for the custom settings for User 2.

NOTE: 2 user icons will be shown in the display. The guest setting which is selected by pressing the power button when the control is off and indicated by no user icons in the display programs the same as User 1 and 2. The guest setting works as a third user setting.

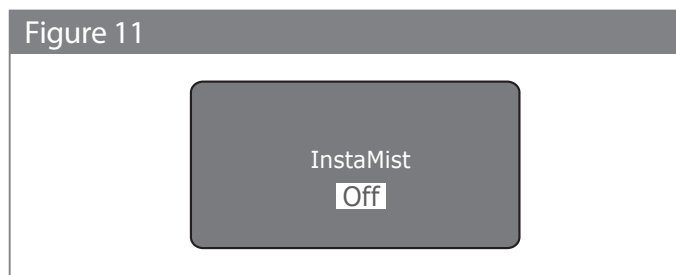
Programming the System Settings

Power on TSC control by pressing either USER 1, USER 2 or the power button. Press and hold the MENU button to enter the setup window. You will see the Cycle timer that was programmed earlier and the "System Settings." Highlight "System Settings" using the Up or Down arrows and press select (Figure 10).

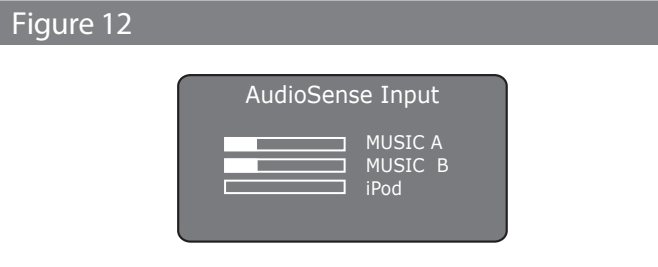


The first system setting is INSTAMIST. This selects the instant on feature which keep the water hot and ready for your next steam bath. This feature uses an average of 60 watts of electricity to keep the water hot. If the steam bath is not used for long periods of time you may prefer to turn this setting off. When this feature is turned on you may hear a slight rumbling sound occasionally as the heater is periodically cycled on for a few seconds.

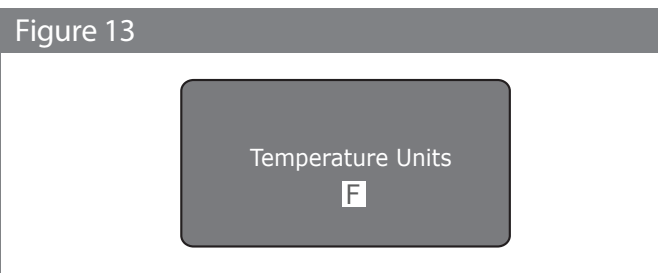
With Instamist highlighted in the display press select. The INSTAMIST is turned on and off with the Up or Down arrows (Figure 11).



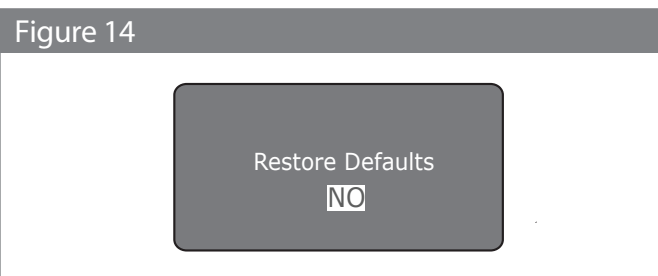
Press MENU to return to the previous display. The next system setting is AudioSense Input. Highlight AudioSense and press select. This setting allows you to further adjust the volume based on the input level of the audio source connected to the TSC Control Module. Use the SELECT button to toggle between the three input choices. These settings should start at the lowest settings. Use the arrow Up or Down buttons to increase or decrease the input volume boost. The iPod setting should be set at the lowest setting. Depending on the audio source connected to the Music A and B you may need to increase the input boost to get a more acceptable volume level. This is a global setting for all users. After making changes to these settings you will need to re adjust the volume for each user (Figure 12).



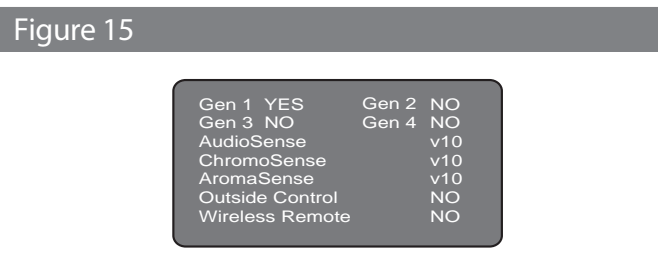
Press MENU to return to the previous display. The next system setting is Temperature Fahrenheit or Celsius setting. Select this setting and change between the F and C with the Up or Down arrows (Figure 13).



Press MENU to return to the previous display. The next system setting is Restore Defaults setting. This setting is intended to return the control to the factory setting. Select this setting and change between yes and no with the arrow Up or Down arrows. If yes is selected the defaults will be restored when the Menu button is pressed after yes is selected (Figure 14).



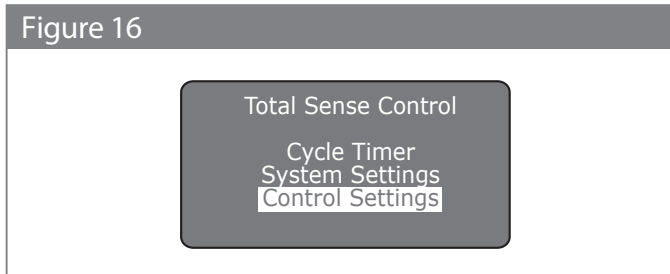
Press MENU to return to the previous display. The next system setting is Connected Devices. Selecting this displays a list of the connected devices. This is used for troubleshooting purposes to determine if all the devices are properly connected and communicating with the control (Figure 15).



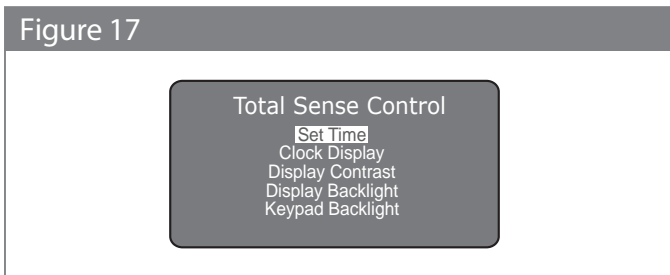
Programming the Control Settings

Model: TSC

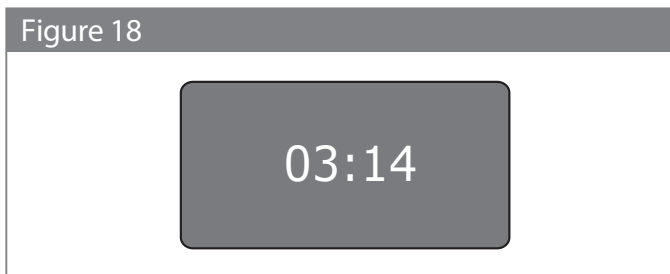
Press the MENU button twice to enter the setup window. Highlight Control Settings and press the select button (Figure 16).



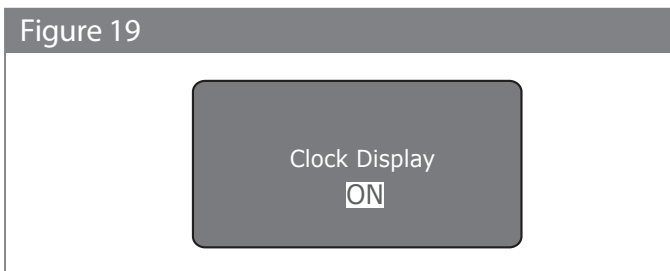
Set Time is already highlighted press the select button to change the time (Figure 17).



Change the hour with the Up or Down arrow. Press SELECT to toggle between hours and minutes. Use the arrow buttons to change the minutes. The clock will keep time even with a brief power interruption of less than a day (Figure 18).



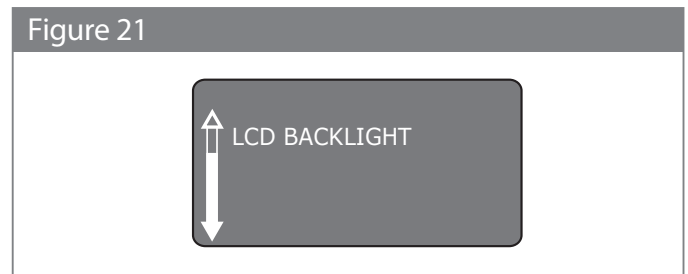
Press MENU to return to the previous display. The next control setting is the clock display. This setting turns the clock function on or off. With the clock display highlighted press select and use the arrow buttons Up or Down to turn the clock function on or off (Figure 19).



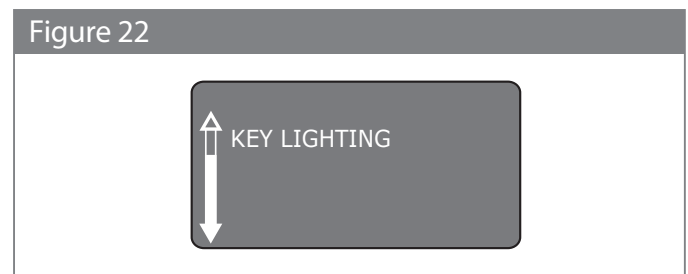
Press MENU to return to the previous display. The next control setting is the display contrast. If necessary this setting adjusts the contrast for optimum viewing. With the LCD Contrast highlighted press select and use the arrow buttons Up or Down to adjust the contrast (Figure 20).



Press MENU to return to the previous display. The next control setting is the LCD Display Backlight adjustment. If desired to adjust the LCD backlight, highlight this selection and press select. Use the arrow buttons Up or Down to adjust the Backlight (Figure 21).



Press MENU to return to the previous display. The next control setting is the Keypad Backlight adjustment. If desired to adjust the Keypad backlight, highlight this selection and press select. Use the arrow buttons Up or Down to adjust the backlight (Figure 22).



Press the power button to exit and turn off.

STEAMIST®

Steambath Control

Model: TSC

Product Information – TSC

5-years parts warranty

Programmable Time and Temperature.

Operates AromaSense, AudioSense and ChromaSense options.

Digital display of ambient and set temperature.

Icons for system status - heating and set temp.

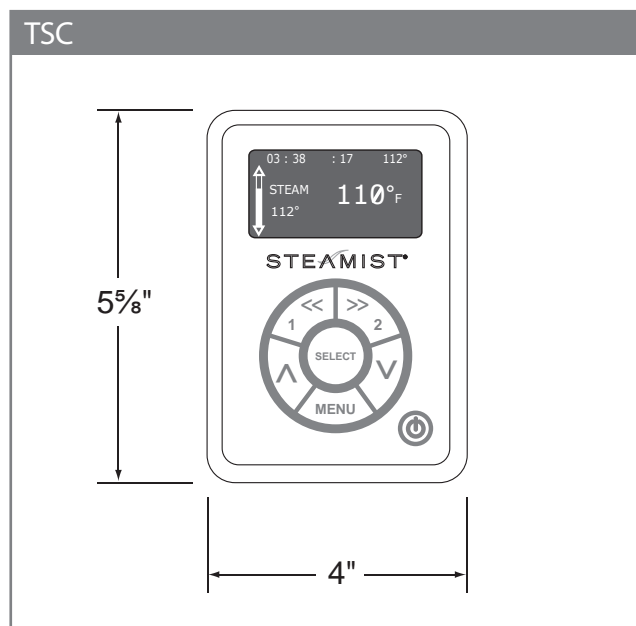
Dimensions: 4" x 5 $\frac{5}{8}$ "

Package Includes: Control, 25-Ft. Multi-Conductor Cable, 6-Pin Coupler, Steamhead (Delivers 360-Degree Steam Dispersion), Strain Relief Clamp, Silicone Sealant, Installation and Operating Instructions.

Required Electrical Service:

Low-voltage connection from

TSG generator via multi-conductor cable (supplied).



Notes

Installation Notes:

Surface Mount - 1 $\frac{1}{2}$ " hole required.

Mounts inside the steam room.

Steamist recommends that the multi-conductor cable be run through $\frac{3}{4}$ " conduit to protect cable from damage and to facilitate easy replacement.

Mount control near seating area and not above steamhead.

Rough-in Notes:

Control should be mounted 48" above the floor.

Steamhead to be mounted 18" above the finished floor or 6" above the rim of the tub and as far from the seating area as possible.

Product No. - Finishes:

TSC-PC - Polished Chrome

TSC-PN - Polished Nickel

TSC-BN - Brushed Nickel

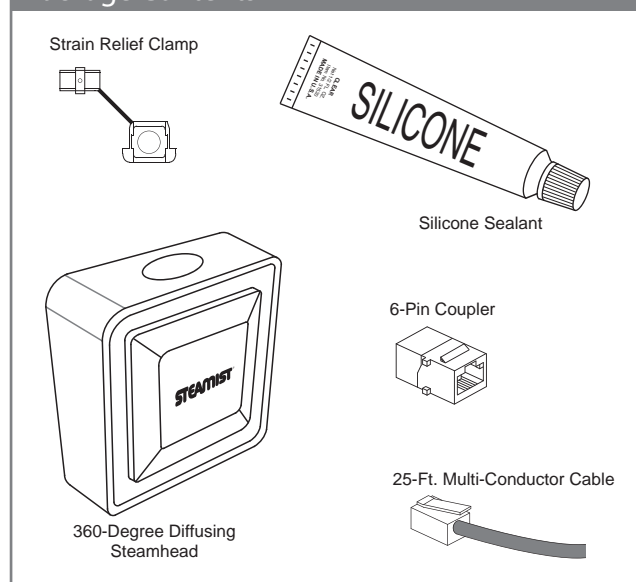
TSC-AB - Antique Brass

TSC-PB - Polished Brass

TSC-PG - Polished 24K Gold

TSC-ORB - Oil-Rubbed Bronze

Package Contents



Wiring Layout

