

## Steambath Control

Models: SMC-150



**Important:** Locate Publication No. 199 "Steam Bath Important Safety Instructions". This publication includes a Warning label that the contractor must install on the wall near the entrance to the steam room in a highly visible location. This label and its additional safety information are packaged with the generator in the envelope containing the installation instructions. If it is lost or missing contact Steamist (201-933-0700) for a replacement Publication No. 199. This publication along with all documents must be left with the owner.

## Control Features

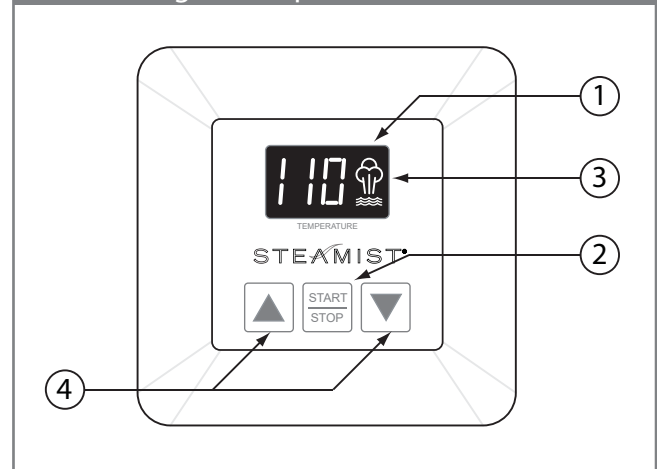
- 1. Temperature Display:** Indicates steamroom or setpoint temperature.
- 2. Start/Stop Keypad:** Press keypad and generator will begin producing steam in a few minutes. The generator will remain on for 30 minutes. Pressing the keypad a second time will stop the steam generator.
- 3. Steam Icon:** Indicates the generator is producing steam when illuminated. The heater in the generator and the steam icon will cycle on and off as the temperature is maintained automatically in the steamroom.
- 4. Up/Down Keypads:** Press to adjust the temperature setpoint.

**IMPORTANT:** This 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.

**Important:** This control is designed to work only with Steamist SM series generators.

## SMC-150 Digital Temperature Control



## Installation Instructions

## 1. Pre-Installation - Control Location

- The SMC-150 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.

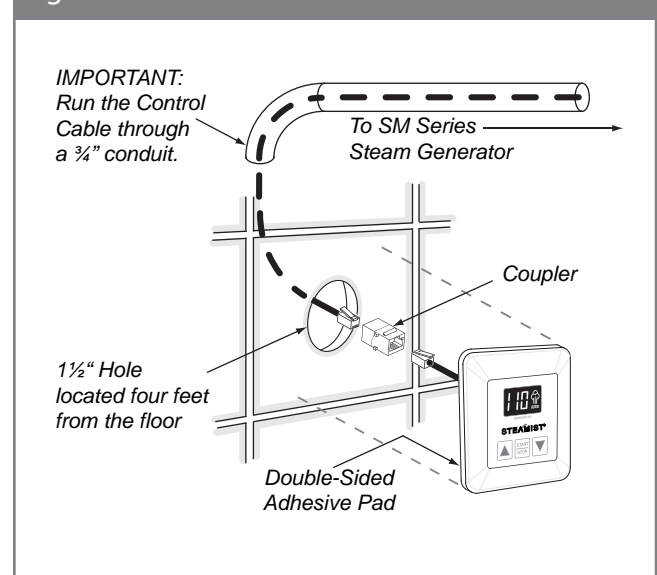
## 2. Electrical Rough-in

- Remove the multi-conductor cable from the control packing box. Carefully route the multi-conductor control cable from the steam generator to the SMC-150 located inside the steamroom (see Figure 2 and Figure 3). Route multi-conductor cable through a ¾" conduit to protect the cable from damage and to facilitate replacement if necessary.

## 3. Control and Cable Installation

- 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 3).
- 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.
- Remove the protective cap from the multi-conductor cable plug. Connect the cable to the modular jack.
- Close and secure generator cover.

Figure 1



- Locate Telco Jack at female coupler, on back of the SMC-150 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 3).

Operating Instructions

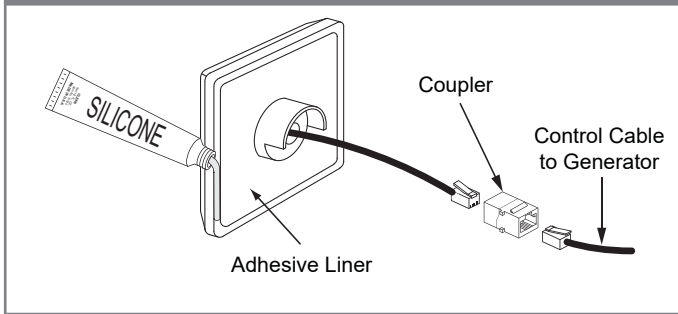
Model: SMC-150

**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)

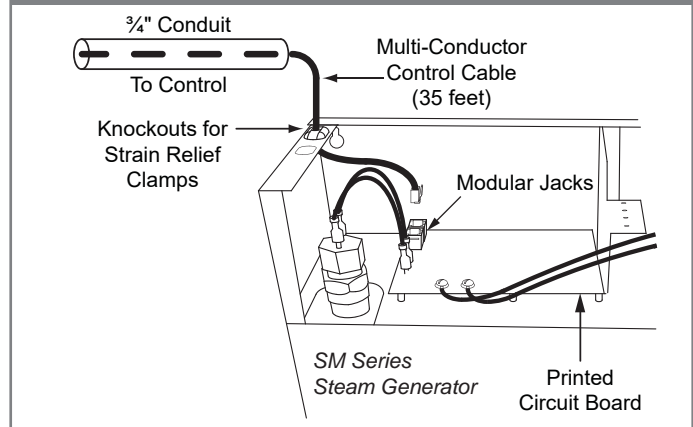
around the control to form a watertight seal.

Figure 2



**IMPORTANT:** The adhesive on the back of the SMC-150 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 3



Operating Instructions

**Operation:** Make sure the water and power are turned on. Simply press the Start/Stop keypad to begin the previously programmed cycle. Pressing the Start/Stop keypad a second time will cancel the cycle. After a cycle is started it will take a few minutes for the Steam Generator to heat up and begin producing steam. During operation the display will show the ambient temperature. The heat icon will cycle on and off as the temperature is maintained.

**Programming:** Adjustments can be made to the temperature control while the system is on or off. Any time the temperature is displayed, it can be adjusted by simply pressing the Up or Down keypad. All changes made to the temperature control are stored in memory until changed again. The temperature range is 50°F to 125°F (10°C to 51°C).

Additional Features

**Memory:** The temperature setpoint is retained even if there is a power failure.

**Fahrenheit/Celsius:** The temperature display may be changed to Fahrenheit or Celsius by simultaneously pressing and holding the Up and Down keypad for 5 seconds while the system is off. The display will show the current setting "F" or "C" and then alternate when the change is complete.

**Error Messages:** This control is programmed with a diagnostic feature to help isolate any potential problems. Error messages E0, E1, E2 and E3 indicate a problem internal to the control. If this occurs, the control should be repaired or replaced. Error messages E4, E5 and E6 indicate a communication problem with the steam generator. If this error occurs, check both ends of the control cable for clean, dry and secure connections. Dirty contacts can be cleaned with alcohol and a cotton swab or a toothbrush. This can also happen if the control is not sealed and the cable connections get wet.

Figure 4 - Installation Suggestions

