MicroTouch Control

Installation Operation Manual
thermasol.com/solutions

THERMASOL ®

OVER 55 YEARS OF STEAM SHOWER INNOVATION

1 Important Information before You Install

The MicroTouch Control must be installed inside the shower. The MicroTouch control will only function on the current SSM, SSA and PRO Series generators.

The control should be installed 60" from the floor of the shower and away from the steamhead.

The steamhead should be installed 12" from the floor and 6" from any wall. Locate as far as possible from the bathing seating area or location of the users and not below any fixtures.
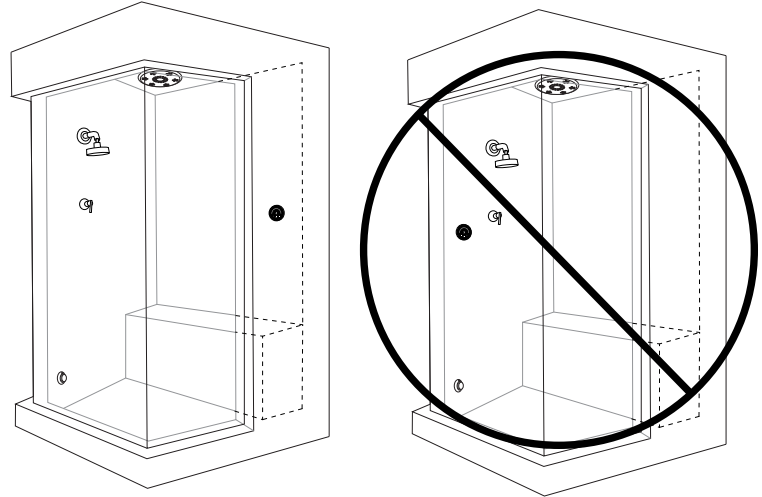
PLEASE REVIEW WARNINGS BELOW AND LEAVE THIS MANUAL WITH HOMEOWNER

DO NOT USE THIS PRODUCT UNLESS YOU HAVE CONSULTED WITH YOUR DOCTOR AND RECEIVED WRITTEN PERMISSION TO DO SO. USE OF THIS PRODUCT MAY BE HAZARDOUS TO YOUR HEALTH.

PLEASE CONSULT YOUR PHYSICIAN BEFORE USING. IF YOU ARE PREGNANT, ELDERLY, HAVE HIGH BLOOD PRESSURE, DIABETES, SUFFERING FROM HEART DISEASE, ARE INTOXICATED, OR NOT IN GOOD HEALTH, DO NOT USE THIS STEAM BATH.

STEAM IS HOT! DO NOT TOUCH OR GO NEAR THE STEAMHEAD FROM THE TIME THE UNIT IS "ON," UP TO ONE HOUR AFTER IT HAS SHUT OFF. SEVERE BURNS WILL OCCUR IF YOU COME IN CONTACT WITH THE STEAMHEAD OR STEAM EMITTING FROM THE STEAMHEAD.

NEVER ATTEMPT TO FILL AROMA RESERVOIR ON THE STEAMHEAD WHEN UNIT IS IN THE "ON" POSITION. SEVERE BURNS WILL OCCUR.

DO NOT USE THERMASOL AROMATHERAPY OILS, SKIN CARE PRODUCTS OR ANY PRODUCT ASSOCIATED WITH YOUR THERMASOL UNIT WITHOUT CONSULTING WITH YOUR ALLERGIST OR DOCTOR BEFORE USE. THESE PRODUCTS MAY BE HAZARDOUS TO YOUR HEALTH.

DO NOT USE STEAM ROOM WHILE UNDER THE INFLUENCE OF ALCOHOL OR DRUGS, AS THIS CAN BE HAZARDOUS TO YOUR HEALTH.

YOUR SHOWER MAY BE A SLIP-AND-FALL HAZARD. CHECK WITH YOUR CONTRACTOR OR FLOORING MANUFACTURER REGARDING THE SAFE USE OF YOUR FLOORING IN A STEAM APPLICATION. SLIPPING AND FALLING INTO THE STEAMHEAD ITSELF OR INTO THE STREAM OF STEAM EMITTING FROM THE STEAMHEAD WILL CAUSE SERIOUS BURNS OR PHYSICAL INJURY.

IF YOU ARE FEELING UNCOMFORTABLE, DIZZY, FAINT, OR STARTING TO FALL ASLEEP, IMMEDIATELY EXIT THE STEAM ROOM.

DO NOT USE STEAM ROOM IF YOU ARE UNDER THE AGE OF 16 UNLESS SUPERVISED BY AN ADULT.

THERMASOL STEAM BATH GENERATORS ARE NOT DESIGNED TO BE USED FOR SPACE HEATING PURPOSES.

THERMASOL STEAM BATH GENERATORS ARE FOR INDOOR USE ONLY. THEY SHOULD NEVER BE LOCATED OUTSIDE THE HOME.

All products must be installed in accordance with installation instructions provided. Failure to do so may invalidate warranty at manufacturer's discretion. ©2014 ThermaSol.

Read warnings on page 2. For illustrative purposes only. Consult with qualified professional for steam room construction details.

2 Tools and Materials
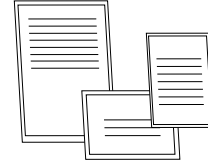
Parts enclosed with the generator

Controller
(Contemporary style shown here)

Silicone

50-foot control data cable (included
with Pro or AF Series generator)
Item 03-6152-050

Installation instructions, warranty,
static cling warning label

Materials needed:
❏ MicroTouch control
❏ CAN bus cable
❏ Silicone
❏ Other materials as required

Tools needed:
❏ Pipe wrench
❏ Tubing cutter
❏ Wire cutters or wire strippers
❏ Adjustable wrench
❏ Screwdriver (Phillips and regular)
❏ Solder and flux
❏ 1-1/16" masonry drill bit

❏ 1-1/2" hole saw for surface
mount rough-in OR 3" hole saw
for recessed mount
❏ Drill motor
❏ Other tools as required

3 Control Installation and Data Cable Connection

Make a 1-1/2" diameter hole in the desired location.
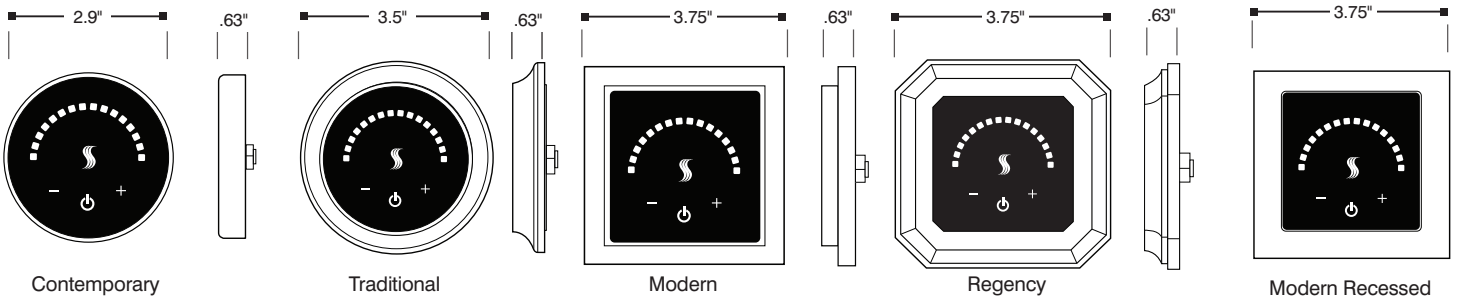Recessed mount control cut-out should be 3" diameter.

Data cable to generator

Shower wall

1-1/2" diameter hole

Data cable to generator

Shower wall
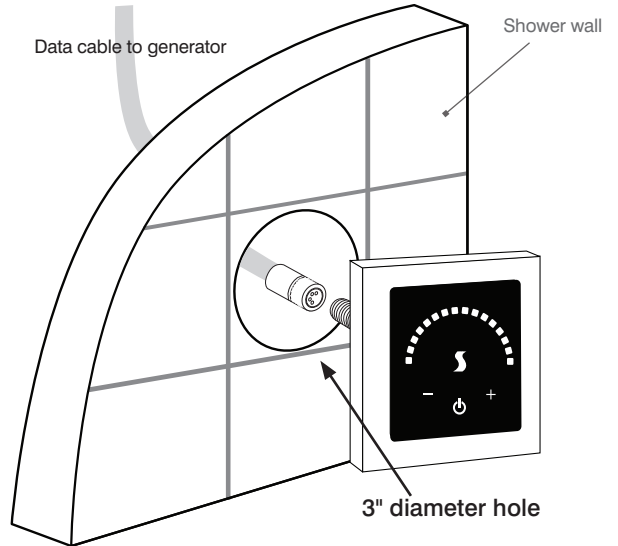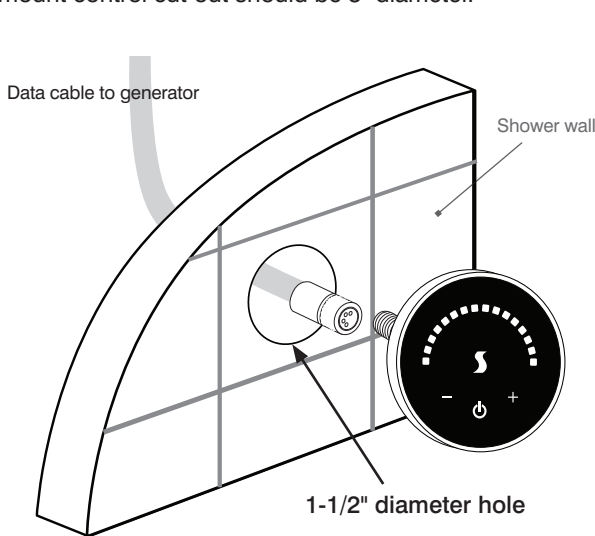
3" diameter hole

1-1/2" diameter hole for all surface mount controls
MTC-NTS-XX   MTT-NTS-XX
MTM-NTS-XX   MTR-NTS-XX

3" diameter hole for recessed control
MTMR-NTS-XX

2.9"   .63"   3.5"   .63"   3.75"   .63"   3.75"   .63"   3.75"

Contemporary   Traditional   Modern   Regency   Modern Recessed
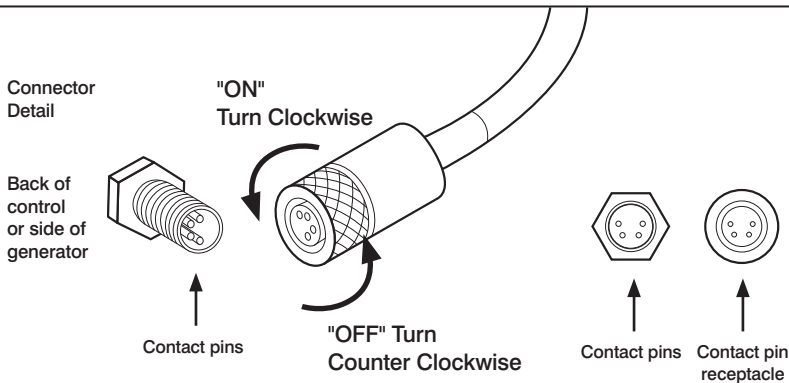
Read warnings on page 2. For illustrative purposes only. Consult with qualified professional for steam room construction details.

4 Control Installation and Data Cable Connection

Back of Control
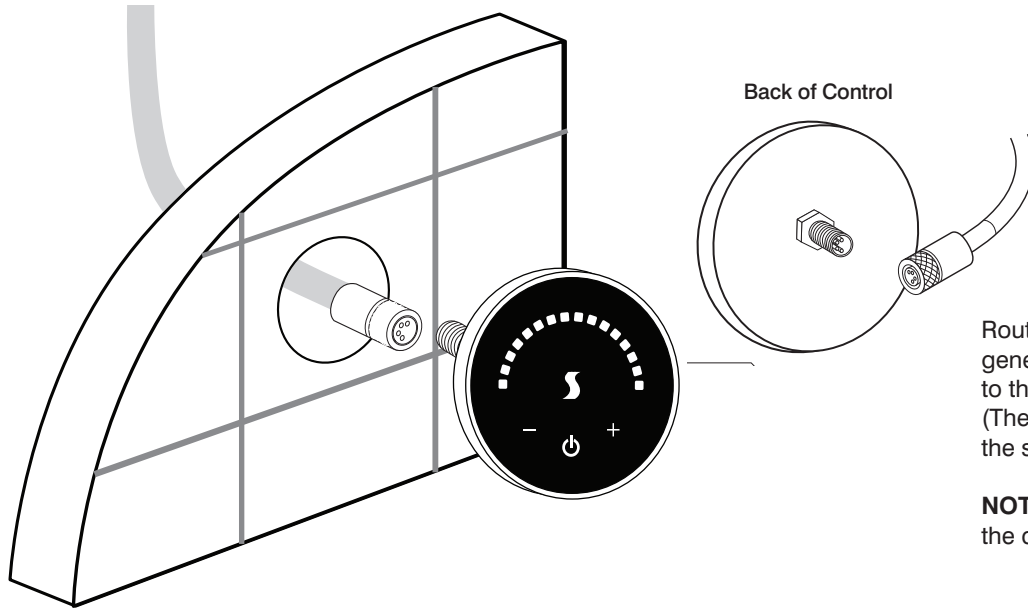
Route the data cable (included with generator) through the finished wall to the back side of the control. (The other end of the cable runs to the steam generator location.)

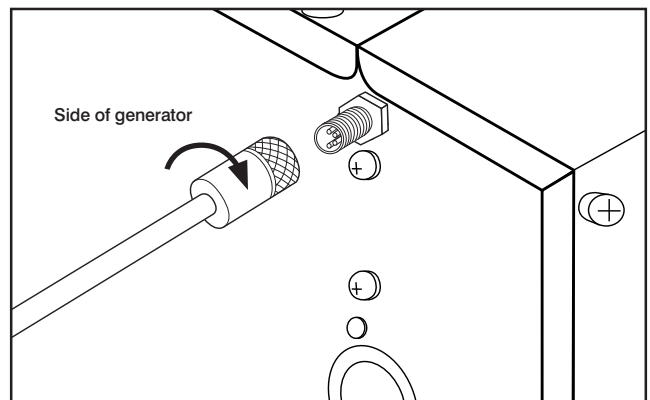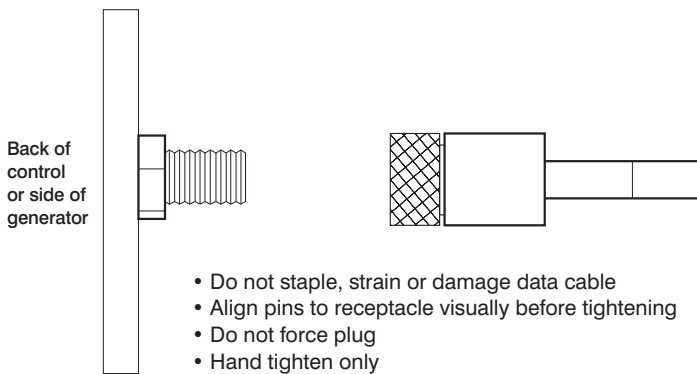**NOTE:** It is recommended to run the cable through electrical conduit.

Connector Detail

"ON" Turn Clockwise

Back of control or side of generator

Contact pins

"OFF" Turn Counter Clockwise

Contact pins   Contact pin receptacle

DO NOT pinch, nail, staple, wedge, or bind the data cable.

DO NOT wrap the data cable around steam line or route it in a manner so that the hot steam line could melt the cable.

Any damage to the control cable will result in the control not working properly.

Carefully connect the data cable to the generator and control BEFORE turning power on to the generator.

Back of control or side of generator

• Do not staple, strain or damage data cable
• Align pins to receptacle visually before tightening
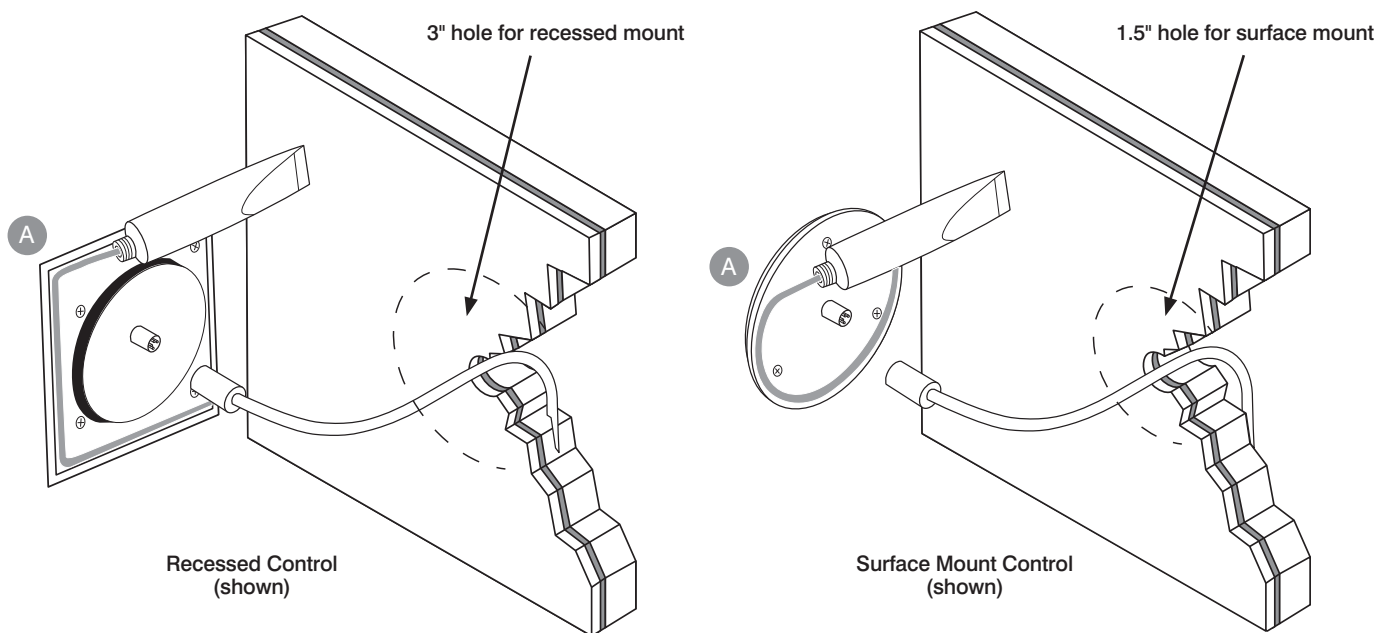• Do not force plug
• Hand tighten only

Side of generator

Connect the data cable to steam generator connector. (The other end of the cable runs to the back of the control in the shower location.)

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5 Sealing Control

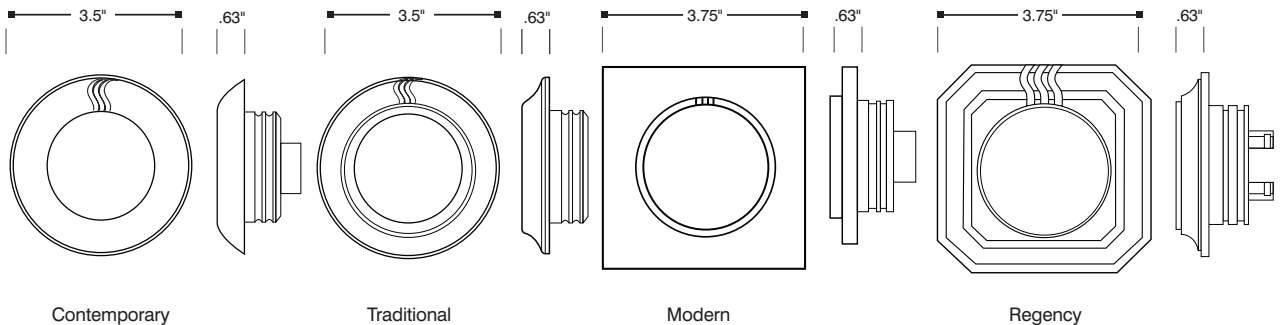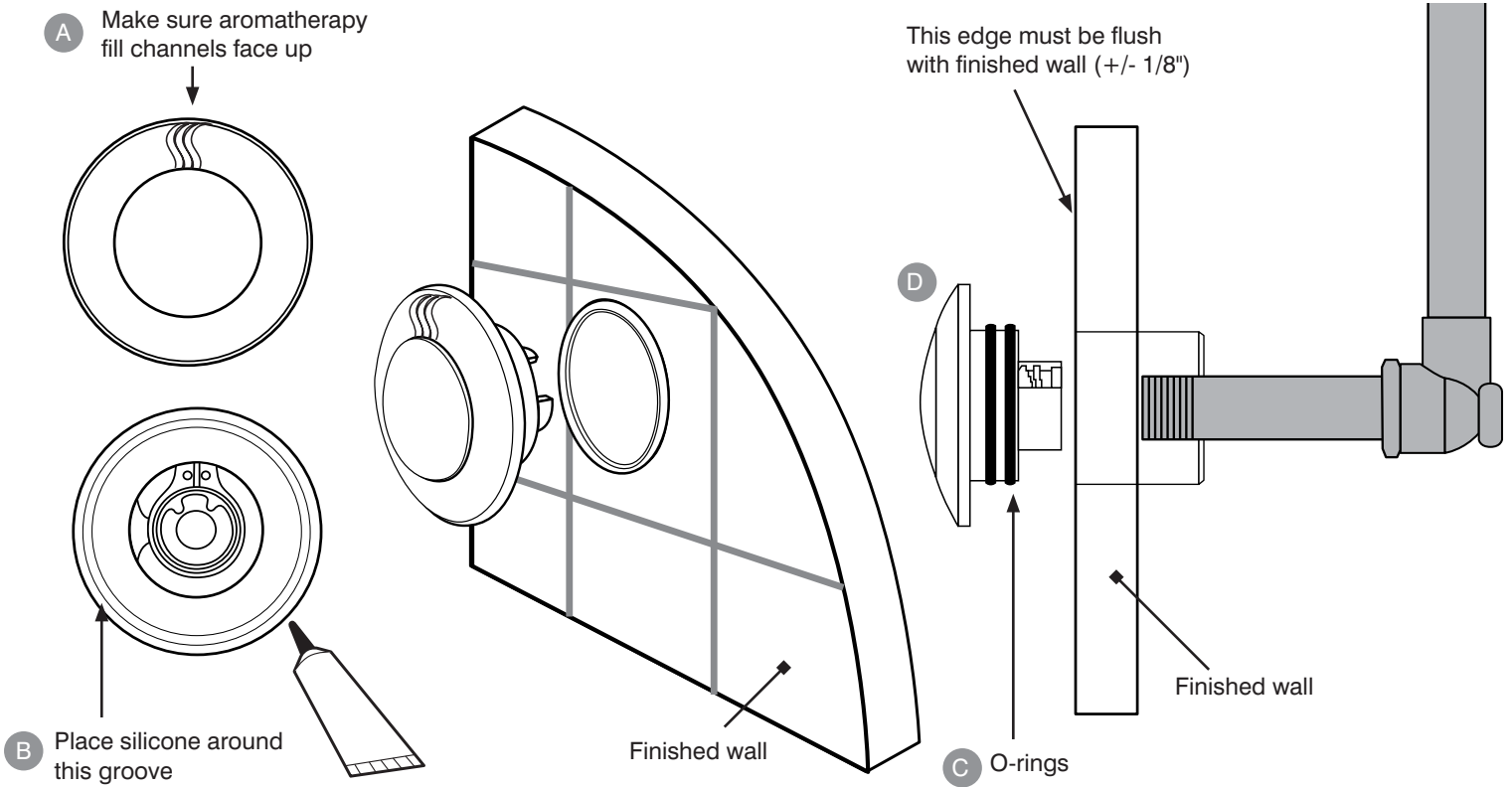THESE STEPS MUST BE TAKEN FOR CORRECT INSTALLATION of the control.

A Coat the entire groove on the control back with supplied waterproof silicone to fully seal the control to the wall. Completely seal the control to the wall so moisture does not collect behind it.

Place the control on the wall pressing firmly. (You may need to tape the control into place until the silicone dries.) Be careful not to harm the wall or control with the tape. Let dry for 24 hours before using steam bath.

3" hole for recessed mount

Recessed Control
(shown)

1.5" hole for surface mount

Surface Mount Control
(shown)

Read warnings on page 2. For illustrative purposes only. Consult with qualified professional for steam room construction details.

6 Steamhead Installation

A When finalizing installation, install the steamhead into the housing, making sure that the aromatherapy fill channels 〰 are facing upwards.

B To ensure that no moisture gets behind the steamhead and into the wall, place a generous bead of waterproof silicone around the steamhead, using the machined groove (located on the back of the steamhead) as a guide.

C Be sure there isn't any debris within the housing, and that the two O-rings are in place on the steamhead.

D Press the steamhead into the housing until the steamhead is tight against the finished wall. You may need to wipe away any excess silicone.

A Make sure aromatherapy fill channels face up

B Place silicone around this groove

Finished wall

This edge must be flush with finished wall (+/- 1/8")

D

C O-rings

Finished wall

Contemporary — 3.5" — .63"

Traditional — 3.5" — .63"

Modern — 3.75" — .63"

Regency — 3.75" — .63"

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7 Operation

A **Taking a Steam Bath**
On your ThermaSol MicroTouch Control, touch and release the power icon ⏻ twice to power on. To turn off the steam unit touch and release the power icon ⏻ once. Power on is verified when the control face shows lit LEDs and turns dark if power is off.

A steam session lasts 45 minutes and is loaded with previously saved temperature set point.

B **Setting or Changing the Temperature Set Point**
Set the temperature of your ThermaSol steam shower by using the lit plus ✚ or minus ▬ symbols, which are located immediately to the left and to the right of the ⏻ power icon. An arc array of lit squares will appear from left to right.

Increase the temperature by touching ✚ symbol
until desired temperature is displayed by the blue LED lights running clockwise to indicate an increase in temperature. Press and hold the ✚ symbol to change the setting faster.

Reduce the temperature by touching ▬ symbol
and the array of LEDs will begin to turn off. Press and hold the ▬ symbol to change the setting faster.

Be careful not to touch both the ✚ and ▬ buttons at the same time.

C **Power Flush**
ThermaSol's internal diagnostic system will alert you when a Power Flush cleaning is needed (Maintenance mode) by LEDs running counterclockwise.

Start a Power Flush cleaning cycle
To start a power flush manually, press and hold the ✚ and ▬ buttons for 5 seconds while the MicroTouch is in the on state. To indicate that the unit is in power flush mode, the array LEDs will flash in a clockwise direction.
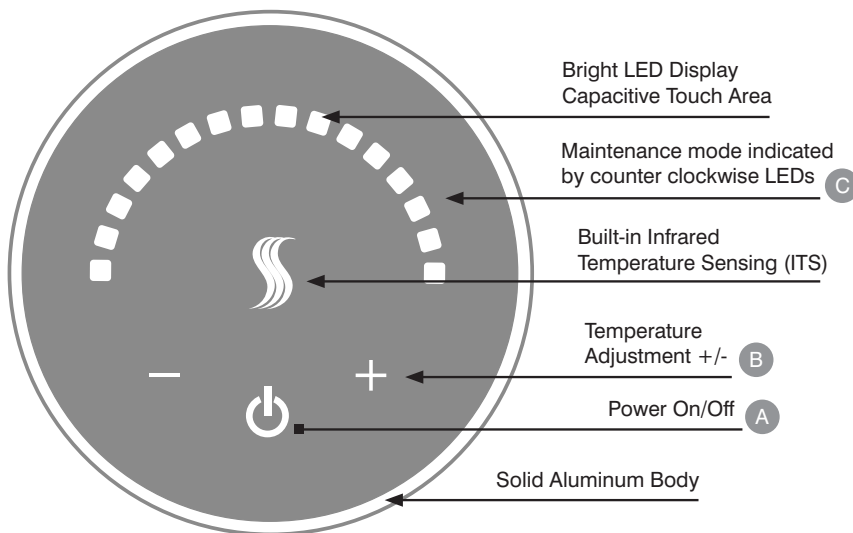
Error Codes
The simplified error code reporting system includes individual codes for any applicable system fault.

✚ ▬   LEDs will blink to show an error

The number of lit LEDs on the temperature scale shows the type of error.

1 light	Room Over Temperature Error
2 lights	Reserved for Factory Use
3 lights	Malfunction DOWN Button Error
4 lights	Malfunction POWER Button Error
5 lights	Malfunction UP Button Error
6 lights	Low AC Voltage Error
7 lights	Bad Connection / Low Water Error
8 lights	Reserved for Factory Use
9 lights	Reserved for Factory Use
10 lights	Communication Error

Bright LED Display Capacitive Touch Area

Maintenance mode indicated by counter clockwise LEDs **C**

Built-in Infrared Temperature Sensing (ITS)

Temperature Adjustment +/- **B**

Power On/Off **A**

Solid Aluminum Body

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