



Installation, Operation & Maintenance Manual

TEMPOTOUCH<sup>®</sup> CONTROL

mr.steam<sup>®</sup> | Feel Good Inc.

[www.mrsteam.com](http://www.mrsteam.com)



When installing and using this electrical equipment, basic safety precautions should always be followed, including the following:

## IMPORTANT SAFETY INSTRUCTIONS

### 1. READ AND FOLLOW ALL INSTRUCTIONS

2.  **WARNING** Supervise children at all times.
3.  **WARNING** Steam is hot and can cause injury or death if improperly used. Steam rooms contain steam and elevated temperatures. Please read and observe all warnings in this manual before installing or using a steam room.
4.  **WARNING** To reduce the risk of injury:
  - A. The wet surfaces of steam enclosures may be slippery. Use care when entering or leaving.
  - B. The steam head is hot. **DO NOT** touch the steamhead and avoid the steam near the steamhead.
  - C. Prolonged use of the steam system can raise excessively the internal human body temperature and impair the body's ability to regulate its internal temperature (hyperthermia). Limit your use of steam to 10-15 minutes until you are certain of your body's reaction.
  - D. Excessive temperatures have a high potential for causing fetal damage during the early months of pregnancy. Pregnancy or possibly pregnant women should consult a physician regarding correct exposure.
  - E. Obese persons and persons with a history of heart disease, low or high blood pressure, circulatory system problems, or diabetes should consult a physician before using a steambath.
  - F. Persons using medication should consult a physician before using a steambath since some medication may induce drowsiness while other medications may affect heart rate, blood pressure and circulation.

**HYPERTHERMIA** occurs when the internal temperature of the body reaches a level several degrees above the normal body temperature of 98.6°

F. The symptoms of hyperthermia include an increase in the internal temperature of the body, dizziness, lethargy, drowsiness, and fainting. The effects of hyperthermia include:

- a) Failure to perceive heat;
  - b) Failure to recognize the need to exit the steambath;
  - c) Unawareness of impending risk;
  - d) Fetal damage in pregnant women;
  - e) Physical inability to exit the steambath;
- and
- f) Unconsciousness.

### **WARNING**

The use of alcohol, drugs, or medication can greatly increase the risk of hyperthermia.

## SAVE THESE INSTRUCTIONS

## READ ME FIRST!

 **WARNING** As you follow these instructions, you will notice warning and caution symbols. This blocked information is important for the safe and efficient installation and operation of this generator. These are types of potential hazards that may occur during installation and operation:

 **WARNING** Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.

 **CAUTION** Indicates a potentially hazardous situation, which, if not avoided may result in minor or moderate injury or product damage.

**IMPORTANT NOTES:** This highlights information that is especially relevant to a problem-free installation.

All information in these instructions is based on the latest product information available at the time of publication. MrSteam reserves the right to make changes at any time without notice.

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## BEFORE INSTALLING

Carefully inspect the control and packaging for shipping damage. In the event of shipping damage, please contact the carrier for claim information. Our customer service department can assist you with any missing or damaged parts.

 **CAUTION** To avoid unintentional steambath operation, do not locate the control where other controls, accessories, shower heads, valves, body sprays or similar within the shower could cause confusion or interfere with the MrSteam control's intended use and function.

Do not use any TempoTouch®, iTempo®, TempoFlex or iSteamX controls without reading and understanding the respective Installation and Operation Manual and MrSteam steam generator Installation and Operation Manual. Failure to read and understand these instructions may result in an inoperative or hazardous installation.

 **WARNING** A peel and stick warning sticker is provided in the MrSteam steam generator Installation, Operation and Maintenance Manual. This manual is provided with every steam generator. The warning sticker must be read and permanently affixed in a conspicuous location near the steam room. Failure to read and affix this warning sticker in a conspicuous location may result in serious injury or death. Please call MrSteam at 800 767-8326 for a free replacement or if you have any questions regarding the warning sticker.

Install the TempoTouch® control according to installation instructions. Failure to install according to instructions will result in an inoperative control or hazardous overheating or inadequate heating of the steam room. Failure to install according to instructions will result in an inoperative control and overheating of the steam room.

**IMPORTANT NOTE:** If the desired location for the control is outside the steam room a Remote Temperature Probe (MSTS) must be installed inside the steam room. Contact MrSteam technical service 1-800-767-8326 for more information on the Remote Temperature Probe.

 **WARNING** Do not route TempoTouch®, iTempo®, TempoFlex or iSteamX controls wiring inside conduit together with power lines or close to hot water or steam piping. Doing so may result in an inoperative or hazardous installation.

 **WARNING** Do not alter or modify any MrSteam product. Doing so may result in an inoperative or hazardous installation and will void the warranty.

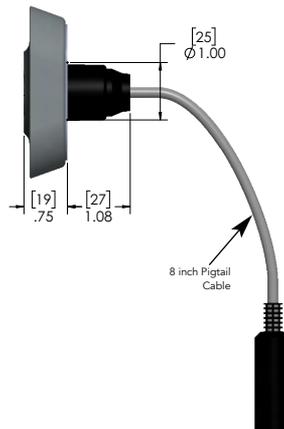
## IMPORTANT NOTES:

- Turn power to the steam generator OFF before connecting the control to the generator. Failure to turn the power off will result in an inoperable control.
- Do not operate TempoTouch®, iTempo®, TempoFlex or iSteamX controls with anything other than a MrSteam iTempo compatible steam generator. MrSteam residential steam generators with serial numbers lower than 900000, or any other brand of steam generator are not to be operated with TempoTouch controls. Doing so may result in an inoperative installation.
- This document contains important safety, operation and maintenance information. Leave this document with the homeowner. Do not discard this document.
- Discontinue use of the steam generator or control if the steam generator is damaged or otherwise not functioning properly. Doing so may result in an inoperative or hazardous installation.
- All illustrations are for illustrative purposes only.

## DIMENSIONAL INFORMATION FOR THE TEMPOTOUCH® CONTROL

### BOX CONTENTS:

- TempoTouch Control
- Control Cable (30 ft.)
- Steam head
- Tube of Silicone sealant
- Owner's Manual



## INSTALLATION INSTRUCTIONS FOR TEMPOTOUCH® CONTROL

**IMPORTANT NOTES:** If the desired location for the control is outside the steam room a Remote Temperature Probe (MSTS) must be installed inside the steam room. Contact MrSteam technical service 1-800-767-8326 for more information on the Remote Temperature Probe.

**NOTE:** The connector is keyed with the arrow facing up. The control cable is the same at both ends.

### STEP 1

Determine the desired installation location of the control. The TempoTouch control are designed to be installed inside or outside the steam room as a matter of personal preference. If the control is installed inside the steam room the control must be located:

- 4-5 feet above the floor near the bather seating area.
- The control features an integral temperature sensor. Locate the control in a location representative of the desired steam bathing temperatures. Do not locate the control above or near the steam head or direct steam emissions. Locating the controls near the steamhead or near direct steam emissions may result in poor steam room temperature control.
- On a vertical wall
- The control cable length is 30 feet. Insure that the control and/or steam generator are located accordingly. Contact a MrSteam technical service representative if a longer cable is required (60 ft. cable, PN104678-60).

**IMPORTANT NOTE:** The control cable should be run in a dedicated 1" conduit to facilitate installation and service. Be careful not to strain, staple, pinch or otherwise damage the control cable. Route cable as required to permit replacement. Do not route cable inside conduit together with power lines or close to hot water or steam piping.



**DIAGRAM 1**

**STEP 2** DIAGRAM 1

Make a 1- 1/8" hole in the desired control location. Do not oversize or under size the cutout.

**STEP 3** DIAGRAM 2

Route the control cable (provided with the control) from the wall hole to the steam generator. Connect one end of the cable to the steam generator connector.

**NOTE:** The connector is keyed with the arrow facing up. The control cable is the same at both ends.

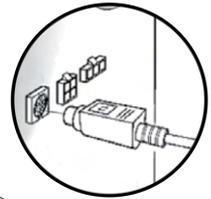
**STEP 4** DIAGRAM 3

Firmly connect the other end of the cable to the control. Turn on power to the steam generator and test the control to verify correct connections. Test per the instructions on pages 10-15. With verification of proper control function, proceed to **Step 5**.

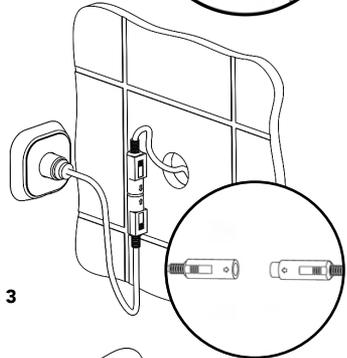
**CAUTION** If the generator is on for more than a few minutes steam will start coming out of the steamhead. Insure that the steam room is not occupied.

**STEP 5** DIAGRAM 4

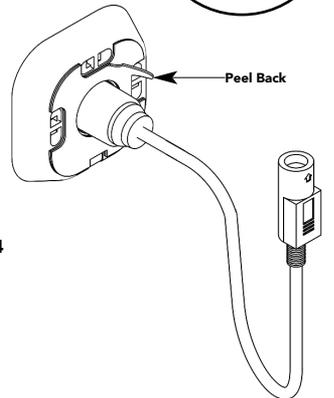
Remove and discard peel-off paper to expose adhesive liner.



**DIAGRAM 2**



**DIAGRAM 3**



**DIAGRAM 4**

**STEP 6** DIAGRAM 5

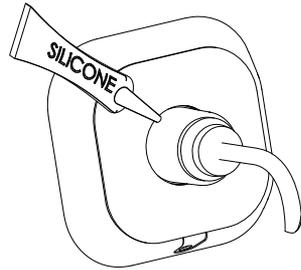
Run a bead of silicone (provided) as shown to the outer edge of the back of the control, following the contour of the cylinder shape. Use silicone as required to create a moisture seal.

**NOTE:** The silicone supplied by MrSteam can be used to meet a variety of sealing and gasketing. It cures to silicone rubber and adheres to glass, wood, metal, porcelain, ceramic tile, painted surfaces, many plastics and rubber. Surfaces must be clean and dry. Apply thin layer of product. Fit together and support if necessary. Allow excess material to cure, then trim with a sharp blade. Sealant "skins" in 5 minutes, dries to touch in 1 hour. Fully cures and bonds in 24 hrs.

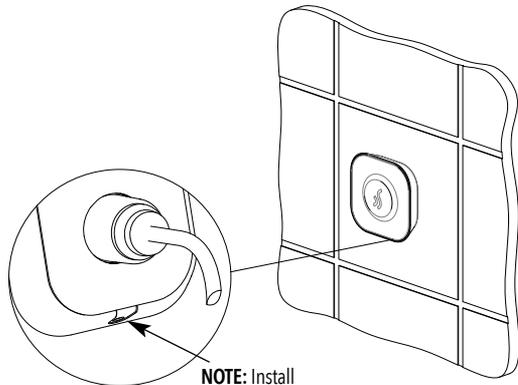
**IMPORTANT NOTE:** Do not apply excessive amounts of silicone. Do not apply silicone to any other parts of the control including the adhesive gasket.

**STEP 7** DIAGRAM 6

Insure the mounting surface is clean and dry as required for good adhesion. Hold the control in place and press the control against the wall until the adhesive sticks. See diagram 6 for the right position.



**DIAGRAM 5**



**NOTE:** Install control with the temperature facing downward.

**DIAGRAM 6**

## TEMPO TOUCH® OPERATING INSTRUCTIONS

The TempoTouch Control features programmable touch temperature control, haptic vibration and press **ON/OFF**.

**! WARNING** Set the steam bathing temperature according to personal preference, however it is highly recommended to begin steam bathing at a low temperature setting for a very short duration to gauge comfort and safety levels.

### ON/OFF DIAGRAM 8

Press the **ON/OFF** button to start or stop the flow of steam. Steam will begin to flow a few minutes after the control is pressed ON. The duration required for the steam room to reach steam bathing temperatures depends on the steam room construction and steam generator specifications. Steam may continue to flow for a short time after the control is pressed **OFF**.

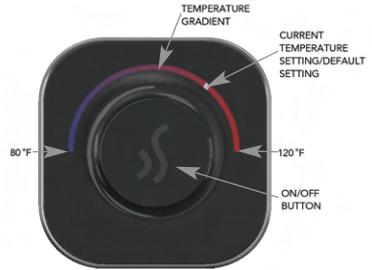


DIAGRAM 7

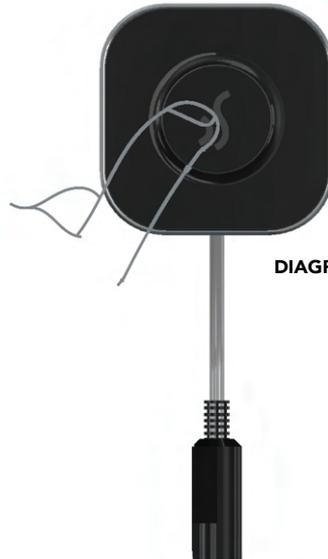


DIAGRAM 8

## TEMPOTOUCH® CONTROL OPERATING INSTRUCTIONS

The TempoTouch Control features a fixed (60) minute duration, and press **ON/OFF**. The control can be set at a temperature range from 80°F up to 120°F.

**! WARNING** Set the steam bathing temperature according to personal preference, however it is highly recommended to begin steam bathing at a low temperature setting for a very short duration to gauge comfort and safety levels.

### SETTING THE TEMPERATURE

#### DIAGRAM 11

The control is pre-set and will display the temperature setting of 110°F (default setting) with a white dot.

Move white dot along arc of the color gradient clock-wise to increase the temperature and move white dot along the arc of the color gradient counter-wise to decrease the temperature settings.

Move white dot along arc of the color gradient clock-wise to increase the temperature settings, **DIAGRAM 9**.

Move white dot along the arc of the color gradient counter-wise to decrease the temperature settings, **DIAGRAM 10**.



**DIAGRAM 9**



**DIAGRAM 10**

## TIMER FEATURE

When the control button is pressed **ON** a 60 minutes time duration is initiated. The control will turn off after 60 minutes unless the control is turned off manually.

## SETTING THE TEMPERATURE

DIAGRAM 11

The control is pre-set and will display the temperature setting of 110°F (default setting) with a white dot.

## CONTROL INITIALIZATION

DIAGRAM 12

When the generator is first powered up or after a power interruption, the control will begin initialization and then turn **OFF**.

When the generator is first powered up or after a power interruption, the control will begin initialization for 1 minute and after the control will turn **OFF**.

During initialization the waterfeed solenoid valve and contactor in the generator may cycle **ON/OFF**.



DIAGRAM 11



DIAGRAM 12

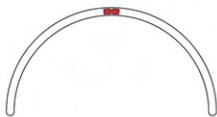
## SYSTEM STATUS CODES

The TempoTouch will display a status color code if the steam generator is not functioning properly.

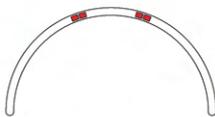
See page 12 for Error Code Diagram

Code	Code Meaning	Probable Cause	Suggested Remedy
H20	Water level is not satisfied within 6 min.	Water Supply is off	Turn on Water Supply
		Defective water feed solenoid Water feed probe not functioning	Check/replace water solenoid valve Check/clean probe. Check probe wiring.
		Drain Valve Open AutoFlush not functioning	Check/Close drain valve Check/Replace AutoFlush
Prr1 or Prr2	Temperature Probe Error	Control cable/MSTS cable cut Internal problem with control/MSTS	Replace control cable/MSTS Replace control/MSTS
Err1	Incorrect Field Supply Voltage (green light on liquid level control board will be off)	Incorrect voltage supplied to Generator	Supply steam generator with the correct voltage noted on the data plate label.
Err2	Button on control is pressed for more than 5 minutes	Control cover misalignment	Remove and reinstall control cover
		Debris behind control cover	Remove control cover and clean cover, control and keypad with a damp cloth
Err7	Liquid Level Control Board malfunction	Memory error in LLCB	Press <b>ON/OFF</b> to clear. Replace control if code remains.
Err_Init	Initialization Process	Incorrect temperature Error in Control	Cycle power to the Steam Generator

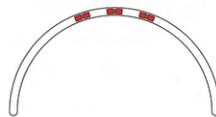
## ERROR CODES (Red LED sequence will be displayed on control)



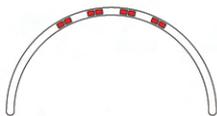
H2O



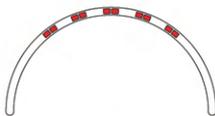
Err1



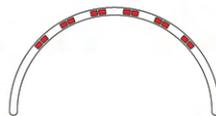
Prr1



Prr2



Err2



Errb



Err7



Err\_Init

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## CARE TIPS FOR ALL CONTROLS AND STEAMHEADS

1. Use only mild soap and water on a soft cloth to clean the control and steamhead.
2. Do not use abrasive cleansers
3. If the decorative cover is damaged on the TempoTouch® call MrSteam technical service for replacement parts.

**NOTE:** Replacement of the decorative covers requires removal and reinstallation of the control from the mounting surfaces.

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## WARRANTY

To register your steam generator unit online and to review the MrSteam Limited Lifetime Warranty please go to: [blog.mrsteam.com/wr](http://blog.mrsteam.com/wr)



# mr.steam®

Feel Good Inc.

Products, information and specifications are subject to change without notice.

For more information call Sales & Support at:  
1.800.76.STEAM (East Coast) 1.800.72.STEAM (West Coast)

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