

Owner's Manual

Tempo/Plus® Control

Tempo® Control

Tempo/Remote® Control

Tempo/Ext® Control



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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:



states a hazard may cause serious injury or death if precautions are not followed.



signals a situation where minor injury or product damage may occur if you do not follow instructions.

IMPORTANT NOTE:

This highlights information that is especially relevant to a problem-free installation.

Care Tips for All Controls

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

For additional information contact a MrSteam Technical Service representative:
New York Corporate Office: 1 800 76 STEAM
West Coast Regional Office: 1 800 72 STEAM

Additional product and Installation information is available
at the MrSteam web site: www.mrsteam.com



WARNING

Do not install or use any TEMPO/PLUS®, TEMPO®, TEMPO/EXT® or TEMPO/REMOTE® controls without reading and understanding the MrSteam steam generator Installation and Operation Manual (part number 101289 Revision number 6.2/03 or higher). Failure to read and understand these instructions may result in an inoperative or hazardous installation.

A peel and stick warning is provided with the MrSteam steam generator Installation and Operation Manual. MrSteam strongly recommends that this warning be read and posted in a conspicuous location near the steam room.

Install the TEMPO® or TEMPO/PLUS® controls 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.

If a TEMPO® or TEMPO/PLUS® control is installed outside the steam room a Remote Temperature Probe (Part Number MST5) must be installed inside the steam room per installation instructions supplied with the Remote Temperature Probe. Failure to install according to instructions will result in an inoperative control and overheating of the steamroom.



CAUTION

Do not route any TEMPO/PLUS®, TEMPO®, TEMPO/EXT® control wiring inside conduit with power lines or close to hot water or steam piping. Doing so may result in an inoperative or hazardous installation.

Do not alter or modify any TEMPO/PLUS®, TEMPO®, TEMPO/EXT® or TEMPO/REMOTE® controls. Doing so may result in an inoperative or hazardous installation.

IMPORTANT NOTES:

If a TEMPO/PLUS® control is to be used with a TEMPO/REMOTE® control the TEMPO/PLUS® must be in located for “line of sight” operation with the TEMPO/REMOTE® control. See the TEMPO/REMOTE® operating instructions before installation of the TEMPO/PLUS® control.

IMPORTANT:

Turn power to the steam generator OFF before installing the control. Failure to turn the power off will result in an inoperable control.

Do not operate any TEMPO/PLUS®, TEMPO®, TEMPO/EXT® or TEMPO/REMOTE® controls with other than a MrSteam TEMPO® compatible steam generator. MrSteam residential steam generators with serial numbers lower than 355500, or any other brand of steam generator are not to be operated with TEMPO® 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.

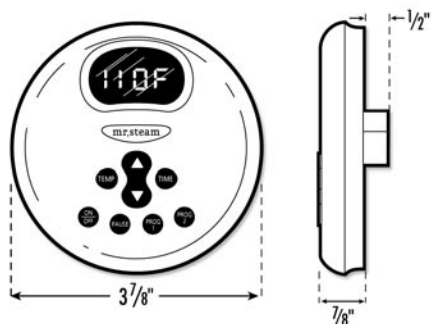
Discontinue use of the steam generator or control if the steam generator is damaged or otherwise not functioning properly. Doing so may result in an inoperative or hazardous installation.

Tempo/Plus® Control
Tempo® Control

In-Shower Electronic Controls



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BOX CONTENTS:

- TEMPO® or TEMPO/PLUS® Control
- Control Cable (30 ft.)
- Steam Head
- Tube of Silicon Sealant
- Owner's Manual

Installation Instructions for TEMPO® & TEMPO/PLUS®

IMPORTANT:

Turn power to the steam generator OFF before installing the control. Failure to turn the power off may result in an inoperable control.

Step 1

Determine the desired installation location of the control. The TEMPO® and TEMPO/PLUS® controls are designed to be installed inside or outside the steam room as a matter of personal preference.

If the control is installed inside the steamroom the control must be located:

- 4-5 feet above the floor
- away from the steamhead and not exposed to direct steam emission
- 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.

If the control is installed outside the steam room a Remote Temperature Probe Part Number MST5 must be installed inside the steam room.

Insure MrSteam steam generator is TEMPO® compatible and has a serial number 355500 or higher.

IMPORTANT: See installation instructions supplied with the Temperature Probe before rough-in or installation of the control.

Step 2

Make a one-inch diameter hole in the desired control location (Diagram 1). Do not oversize or undersize the hole.

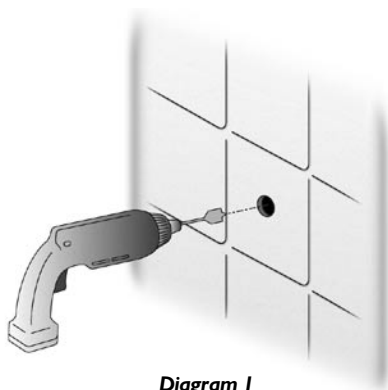


Diagram 1

Step 3

Route the control cable (provided with the control) from the wall cutout to the steam generator. Locate the end marked "GENERATOR END" at the steam generator. Connect the 5/8" square connector to the steam generator connector "A" as shown in diagram 2.

NOTE: The connector is keyed



Diagram 2

IMPORTANT: Be careful not to strain, staple, pinch or otherwise damage the control cable. Route cable as required to permit replacement.

Step 4

Firmly connect the connector near the "CONTROL END" marking to the back of the control. Turn on power to the steam generator and test the control to verify correct connections. Test per the instructions on page 9. Proceed with installation and verification of proper control function.



Diagram 3

IMPORTANT:

Turn power to the steam generator OFF before installing the control. Failure to turn the power off will result in a inoperable control.

Step 5

Remove & discard peel-off paper to expose adhesive liner as shown in Diagram 4.

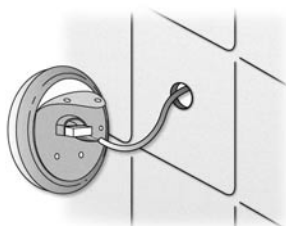


Diagram 4

Step 6

Run a bead of silicone (provided) as shown to the **C** shaped groove as shown in Diagram 5.



Diagram 5

IMPORTANT: Do not apply excessive amounts of silicone. **DO NOT APPLY SILICONE TO ANY OTHER PARTS OF THE CONTROL INCLUDING THE ADHESIVE GASKET.**

Step 7

Insure the mounting surface is clean and dry as required for good adhesion. Apply silicone into the hole in the wall as required to create a moisture seal.

Hold the control with the LED display in the 12 o'clock position and press the control against the wall until the adhesive sticks and holds firmly as shown in Diagram 6.



Diagram 6

IMPORTANT: Two registration marks are provided to facilitate level installation. The marks are located at the 3 o'clock and 6 o'clock positions on the back side of the control. Use a level as required.

The TEMPO® Control features programmable digital temperature control, a fixed (60) minute duration, ON/OFF and PAUSE.



ON/OFF

Press the **ON/OFF** key to start or stop the flow of steam.

Steam will begin to flow a few minutes after the control is turned ON. The duration required for the steamroom to reach steambathing temperatures depends on the steamroom construction and steam generator specifications. Steam may continue to flow for a short time after the control is turned OFF.



PAUSE feature

If a pause in steam flow is desired press the **PAUSE** key. The display will flash while the control is in the PAUSE mode. The timer will continue to countdown while in the PAUSE mode.



Setting the temperature

The control is preset and will display the temperature setting of 110°F (default setting). Use the **UP** and **DOWN** keys to change the temperature setting from 105°F to 120°F in one degree increments.

Set the steambathing temperature according to personal preference, however it is highly recommended to begin steambathing at a low temperature setting to gauge comfort and safety levels.

Changing the Temperature Units (°F/°C)

Hold **ON/OFF** key for 10 seconds. The temperature units will be displayed as Fahrenheit (TuF) or Celsius (TuC). Use the **UP/DOWN** keys to choose between (TuF) and (TuC). Press **PAUSE** key to accept the new value and exit.

Timer feature

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

Memory feature

If the control is turned off manually before 60 minutes then the default temperature of 110°F will be used the next time the control is turned on. If the control times out at 60 minutes (not manually turned off) then the previous user temperature setting will be used when the steambath is used again.

TEMPO/PLUS® Operating Instruction

The TEMPO/PLUS® Control features programmable digital temperature control, programmable time duration, ON/OFF and PAUSE and two personal settings storage.



ON/OFF

Press the **ON/OFF** key to start or stop the flow of steam.

Steam will begin to flow a few minutes after the control is turned ON. The duration required for the steamroom to reach steambathing temperatures depends on the steamroom construction and steam generator specifications. Steam may continue to flow for a short time after the control is turned OFF.



PAUSE feature

If a pause in steam flow is desired press the **PAUSE** key. The display will flash while the control is in the PAUSE mode. The timer will continue to countdown while in the PAUSE mode.



Setting the time duration

Press **TIME** key to set or display the remaining relaxation time.

The control is preset and will display a TIME setting of 20 minutes (default setting).



With the TIME displayed, press the **UP** or **DOWN** keys to set the desired duration time (2 - 60 minutes) in two minutes increments.

Set the steambathing duration according to personal preference, however it is highly recommended to begin steambathing at a shorter duration to gauge comfort and safety levels.

The control will turn off when the relaxation period times out.



Setting the temperature

Press **TEMP** key to set the desired temperature or display the temperature setting.

The control is preset and will display a temperature setting of 110°F (default setting).



With the temperature displayed, press the **UP** or **DOWN** keys to set the desired temperature (105°F to 120°F) in one degree increments.

Set the steambathing temperature according to personal preference, however it is highly recommended to begin steambathing at a low temperature setting to gauge comfort and safety levels.

Changing the Temperature Units (°F/°C)

Hold **ON/OFF** key for 10 seconds. The temperature units will be displayed as Fahrenheit (TuF) or Celsius (TuC). Use the **UP/DOWN** keys to choose between (TuF) and (TuC). Press **PAUSE** key to accept the new value and exit.

Memory feature

If the control is turned off manually before it times out then the default settings of 20 minutes and 110°F will be used the next time the control is turned on. If the control times out (not manually turned off) then the previous user time and temperature settings will be used when the steambath is used again.



PROG 1 and PROG 2 feature

PROG 1 and **PROG 2** keys program and store preferred settings.

To program preferred settings: Press a **PROG1** or **PROG2** key. Enter the preferred time and temperature settings. The TEMPO/PLUS™ will store these settings.

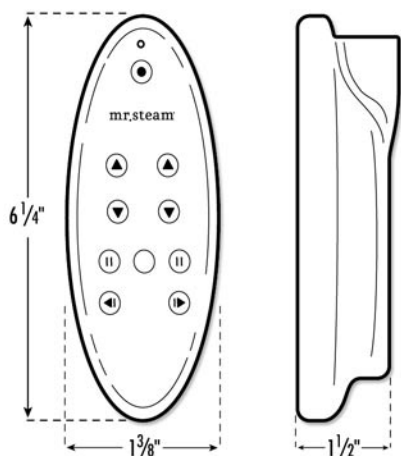
To select PROG1 or PROG2 : Press **ON** then press **PROG1** or **PROG2**. The steambath will begin to operate at the stored settings.

Tempo/Remote® Control

Wireless Remote Control
for Tempo/Plus® Control



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**BOX CONTENTS:**

- TEMPO/REMOTE® Control
- Control Holder
- (2) Holder Screws
- Owner's Manual

The TEMPO/REMOTE® Control operates all functions of the TEMPO/PLUS® Control from a maximum distance of about 15 feet.

It's to be use inside the steam room and requires a direct line of sight with the TEMPO/PLUS® Control.

The TEMPO/REMOTE® does not operate with the TEMPO® Control.

To operate the TEMPO/REMOTE® simply point it at the TEMPO/PLUS® Control and press the desired function.

The TEMPO/REMOTE® control is supplied with two AAA batteries already installed. If these batteries have been removed for more than 3 minutes or are discharged then the TEMPO/REMOTE® code must be re-entered.



- 1 • Press **SETUP** key.



- 2 • Press and hold **PROG 1** key. The indicator will flash.



- 3 • While holding **PROG 1** key, press **CODE** key for two seconds until the indicator lights up. Then release both keys.



- 4 • Enter the 5-digit Code No. 11433.



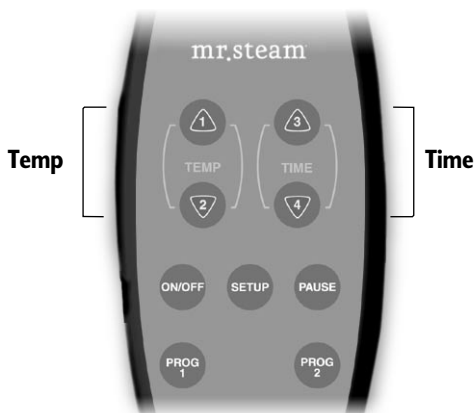
- 5 • The indicator will shut off if the code is correct and the setting was successful. If not, the indicator will flash twice. Check the code and repeat the programming process if necessary.

Note: The remote control will exit programming mode if any other keys but the numerical ones (1, 2, 3, 4) are pressed.

Note: Delays longer than 10 seconds between key presses automatically cancels programming mode.

Using the TEMPO/REMOTE®

To control your TEMPO/PLUS® with the remote control:



Turning Unit ON/OFF

- a• Press **ON/OFF** key to turn unit on.
- b• Press **ON/OFF** key a second time to turn unit off.

Setting Temperature Set Point

Press the **TEMP UP** or **TEMP DOWN** key.

Setting Duration Time

Press **TIME UP** or **TIME DOWN** key.

Pausing the Unit

To pause the flow of steam:

- 1• Press **PAUSE** key.

Note: The Timer continues to count down while in the PAUSE mode.

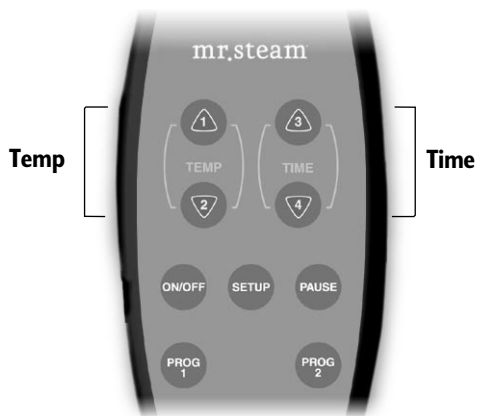
- 2• Press **PAUSE** key a second time to resume the flow of steam.



To Set PROG 1 and PROG 2:



- 1 • Press the **PROG 1** or **PROG 2** key.

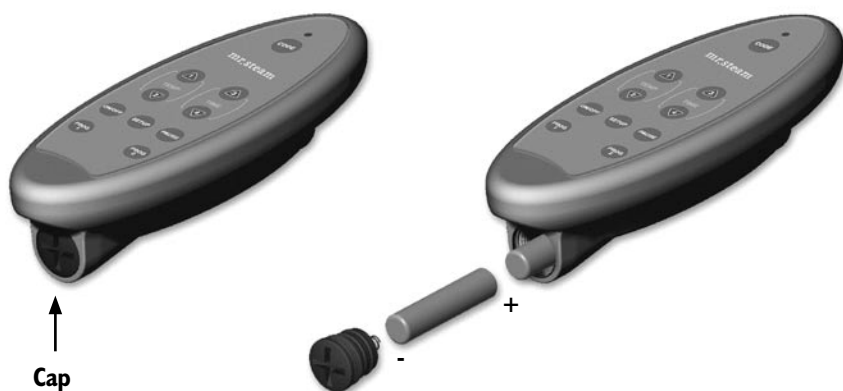


- 2 • Press **TEMP UP** or **TEMP DOWN** key to set the desired temperature.
- 3 • Press **TIME UP** or **TIME DOWN** key to set the desired duration time.

Battery Replacement

Your remote control is powered by two AAA batteries.

Note: Before you start it's important to note that you have only 3 minutes to change batteries if you want to retain codes recorded in the memory!



- 1 • Unscrew and remove bottom cap.

Note: You can use a coin to unscrew cap.

- 2 • Insert new batteries, making sure to match plus (+) ends with the plus markings on the battery case.

- 3 • Replace cap ensuring that waterproof gaskets are in position.

After replacing batteries:

LED indicator will flash twice indicating that programmed codes are still in memory.

If LED indicator flashes 3 times, it means that programmed code settings have been erased, re-enter the code per instructions on page 15.

Installing the TEMPO/REMOTE® Holder

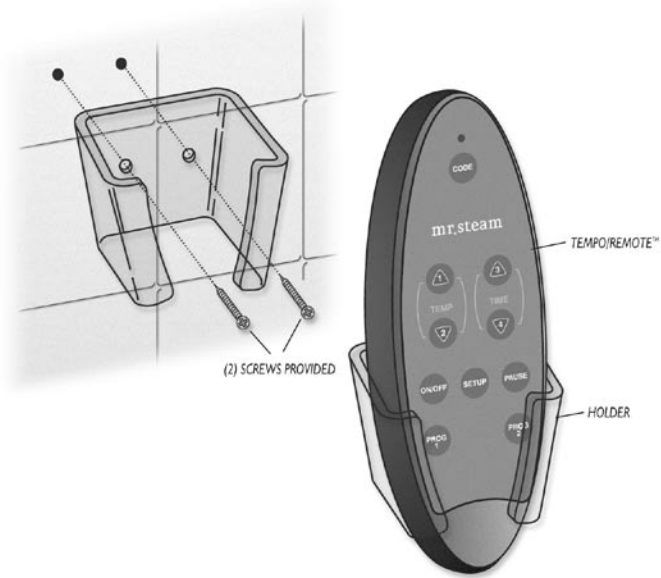
A holder is provided with the TEMPO/REMOTE® Control as an optional convenience.

Mount the holder in a location away from direct steam emission.

Secure the holder to a wall so the TEMPO/REMOTE® is oriented in the upright position as shown. Determine if the two screws provided are suitable for the installation conditions.

Use alternate hardware or use with plastic anchors as required by installation conditions.

Seal screw holes in the wall against moisture as required.



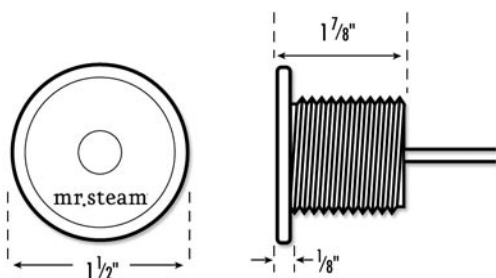
Tempo/Ext® Control

On/Off Switch for Tempo®
and Tempo/Plus®



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Dimensional Information for TEMPO/EXT®



BOX CONTENTS:

- TEMPO/EXT® Control
- Owner's Manual

The TEMPO/EXT® control can only be used with a TEMPO® or TEMPO/PLUS® control.

Using the TEMPO/EXT® Control



LED INDICATOR
will light up when
the generator is ON.

- This TEMPO/EXT® control functions as an ON/OFF key of the TEMPO® or TEMPO/PLUS® control of your system.



Diagram 1

The TEMPO/EXT® has a 30 foot cable with a Plug & Play connector at one end and an ON/OFF switch at the other end (Diagram 1).

Contact a MrSteam technical service representative if a longer cable is required.

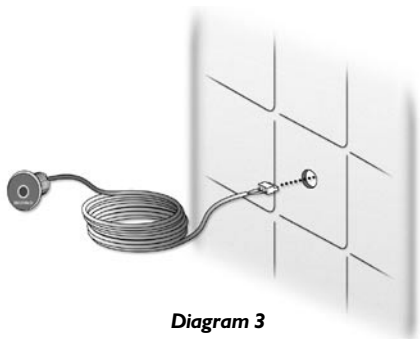


Diagram 3

STEP 2

Route the cable from the wall to the steam generator (Diagram 3).

Be careful not to strain, staple, pinch or otherwise damage the control cable.

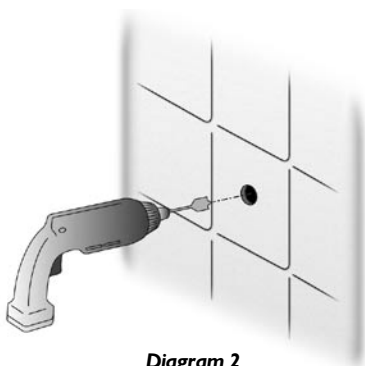


Diagram 2

STEP 1

Drill a 7/8 inch diameter hole in the preferred wall location.

Do not oversize or undersize the hole.



Diagram 4

STEP 3

Remove and discard the peel-off paper from the switch housing to expose the adhesive as shown in Diagram 4.



Diagram 5

STEP 4

Apply silicone (provided with TEMPO® or TEMPO/PLUS® control) to the hole in the wall as required to create a moisture seal. Apply silicone to the back of the switch as required to seal grout lines or as required for additional adhesion (Diagram 5).

IMPORTANT: Use care not to apply silicone to the adhesive gasket.

STEP 5

Push cable and switch housing into the hole firmly.



Diagram 6

STEP 6

Firmly connect the Plug & Play connector to the steam generator connector "B" as shown in Diagram 6.

NOTE: The connector is keyed and will only connect in one orientation.

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