



## DELTA 112970 SimpleSteam Square Control Package Instruction Manual

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DELTA 112970 Simple Steam Square Control Package



Read all instructions prior to installation.



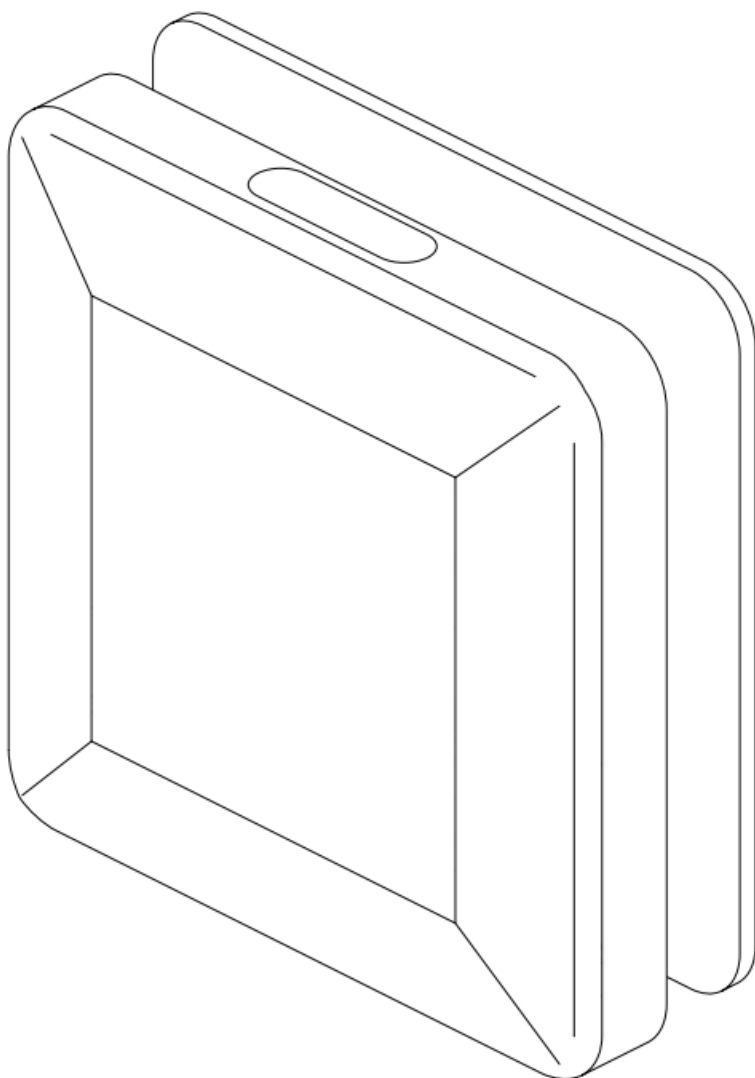
**CAUTION**

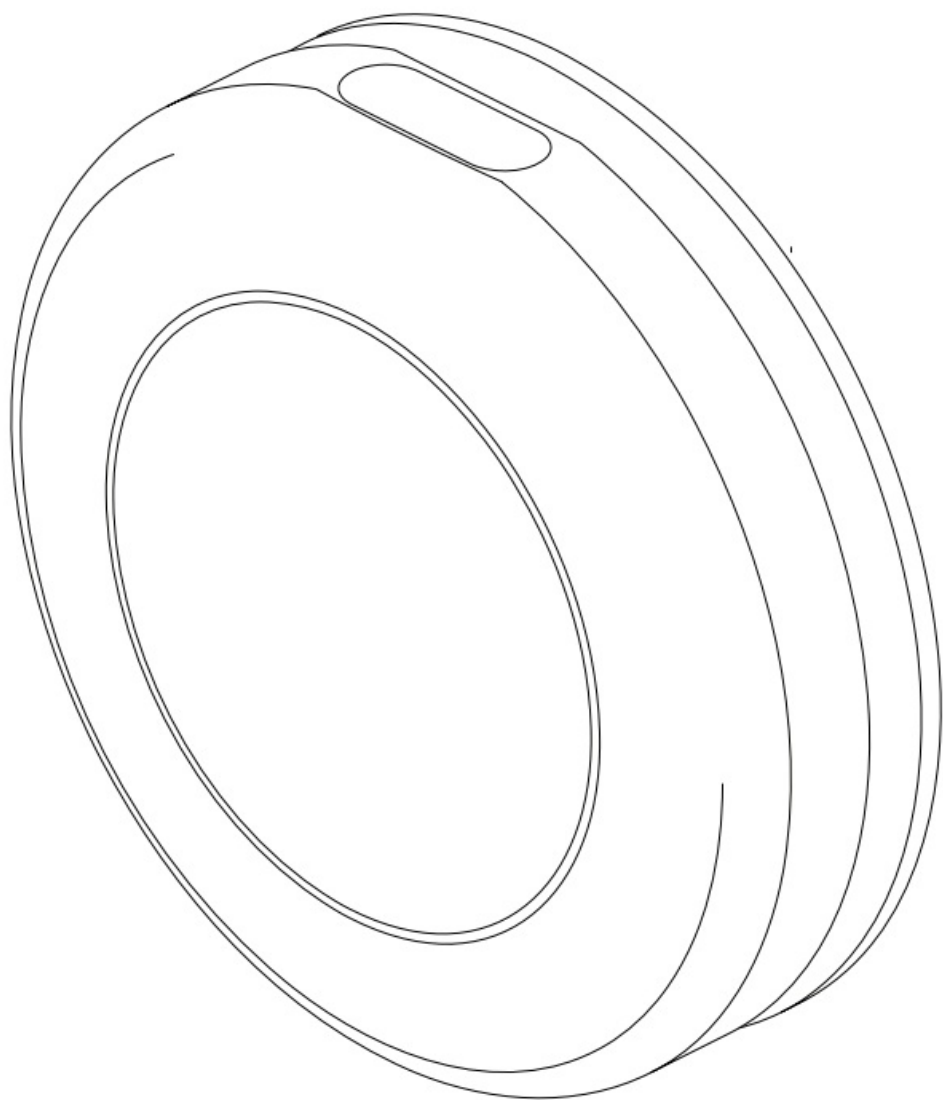
Failure to read these instructions prior to installation may result in personal injury, property damage, or product failure. Manufacturer assumes no responsibility for product failure due to improper installation.

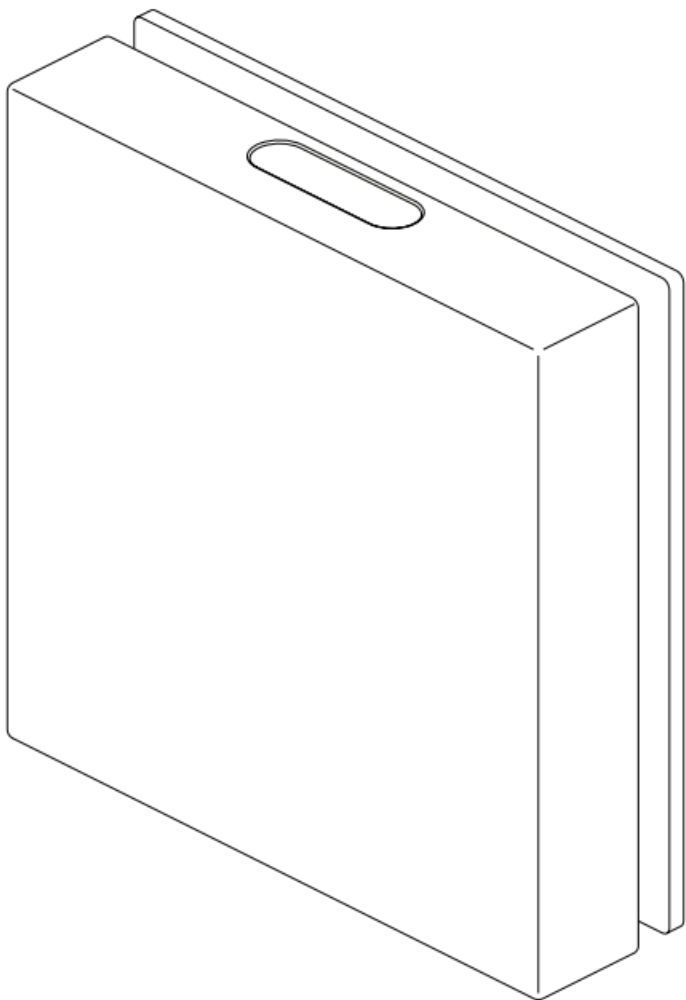
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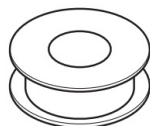
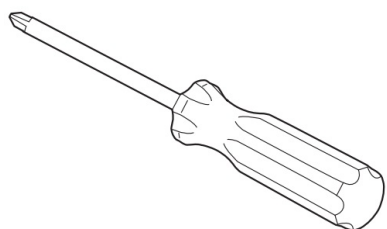
## STEAM HEAD INSTALLATION







**You may need:**

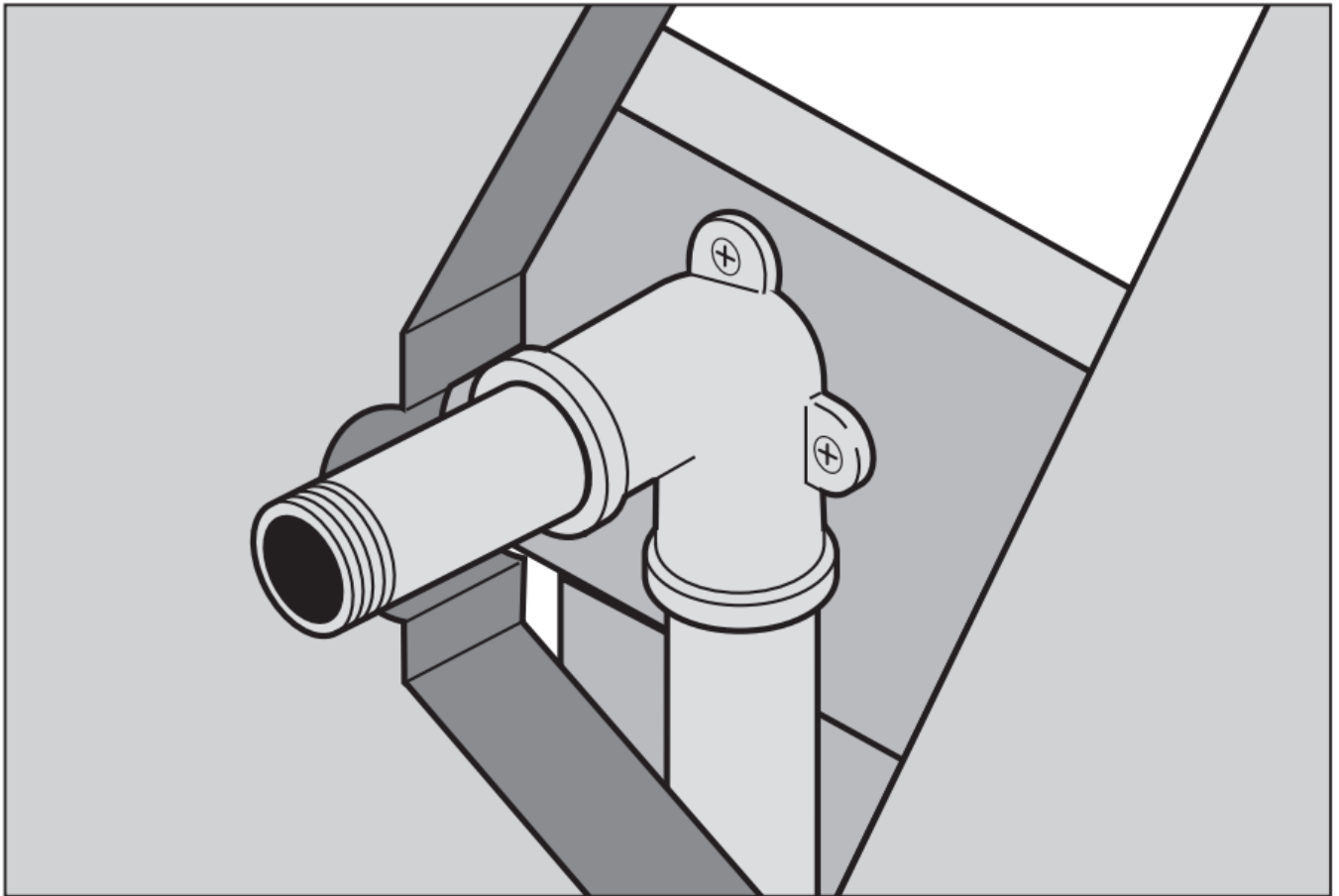


**Rough In Steam Line (not supplied)**

Prior to steam head installation, Install rough plumbing line to desired location. The steam head must be installed to a  $\frac{3}{4}$ " NPT copper or brass pipe; do NOT use black iron or galvanized pipe, it will rust and discolor the steam bath wall. Do NOT use plastic supply pipes or fittings.

**NOTE:** Supply elbow and steam supply pipe MUST BE SECURELY ANCHORED to ridged blocking.

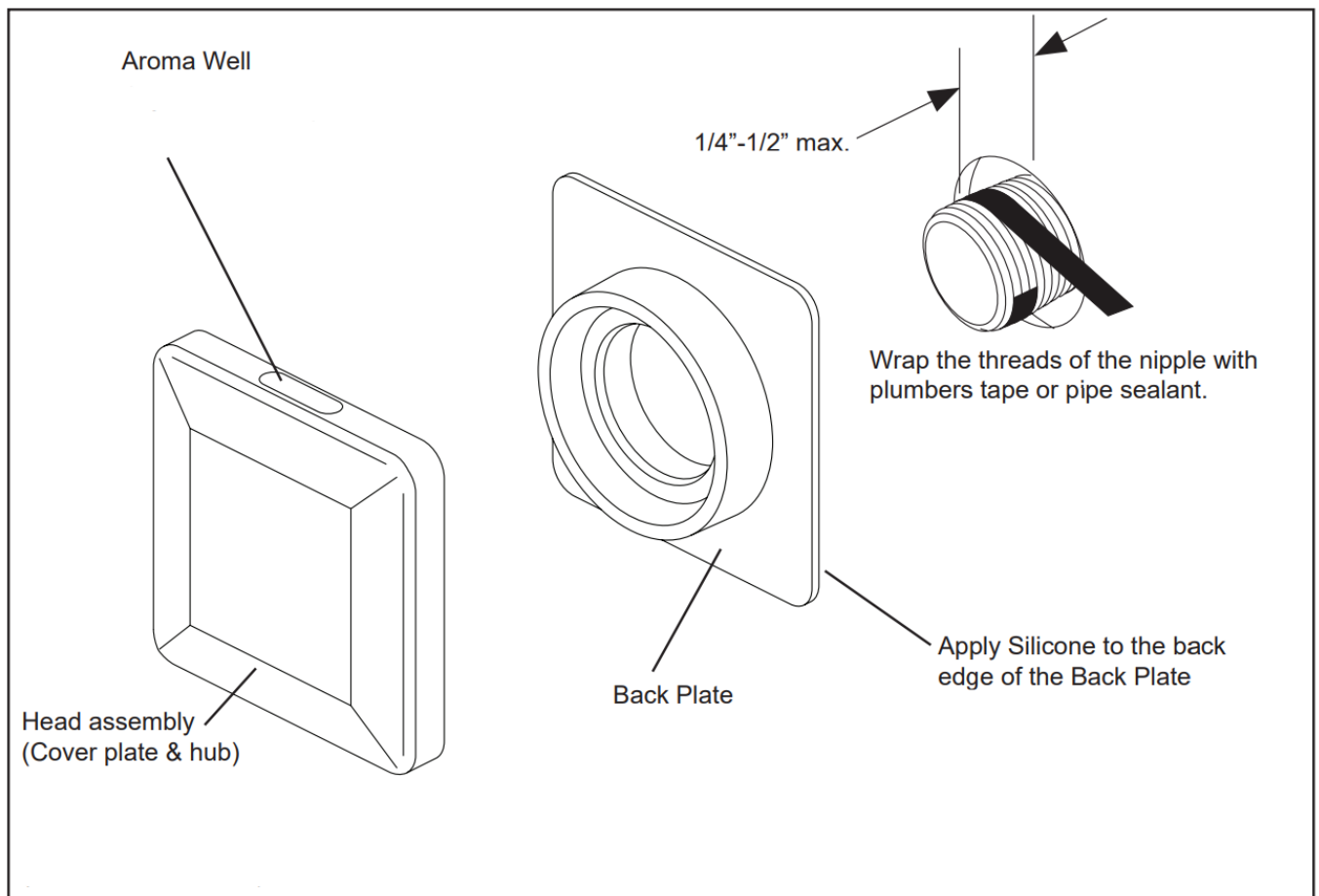
The steam head location should be 12" to 18" above the shower floor or 6" above the rim of the bathtub, as far from the seating area as possible.



## Steam Head Installation

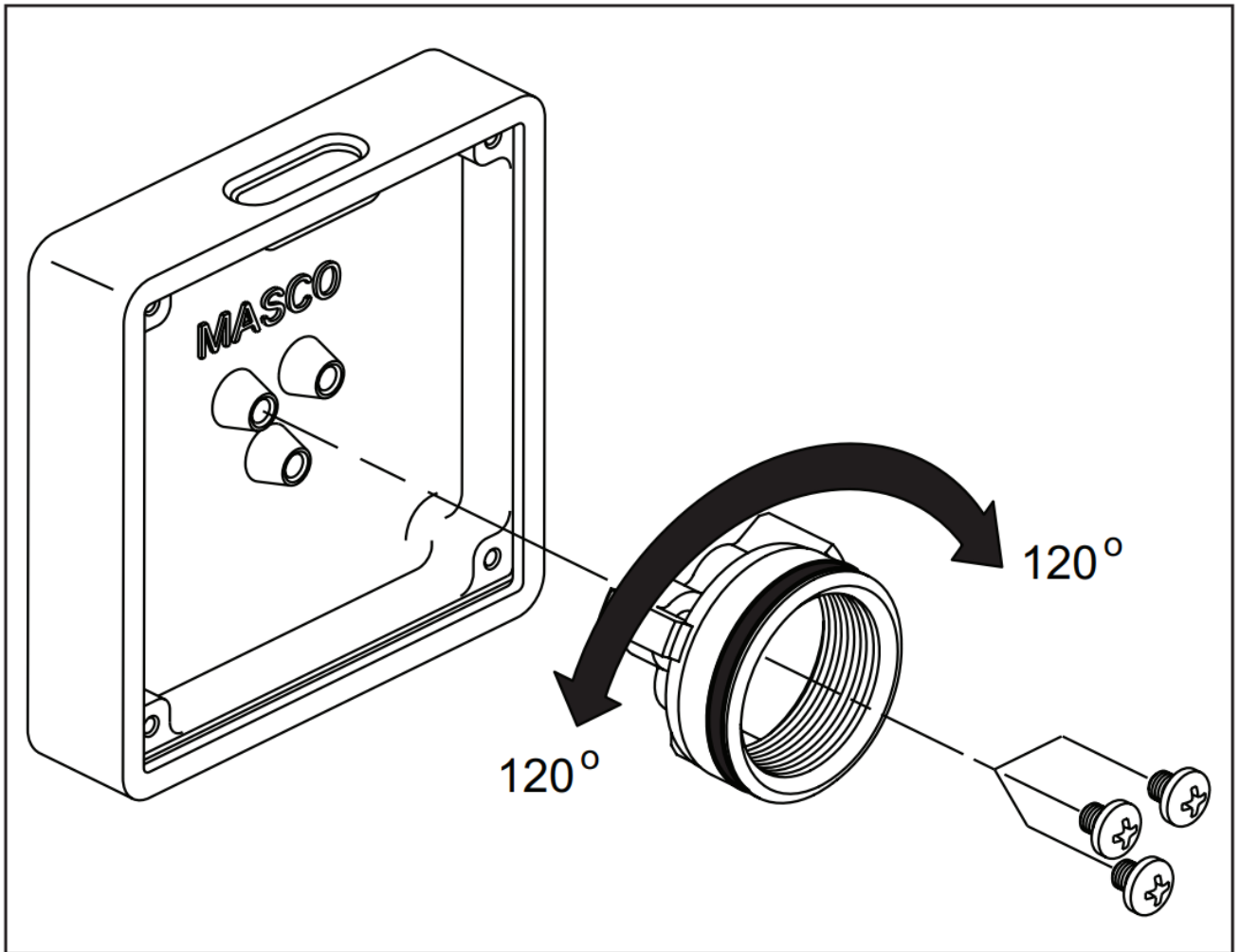
1. Make sure the 3/4" nipple protrudes beyond the tile 1/4" to 1/2" (6-12 mm).
2. Keep opening in finished wall close as possible to pipe nipple with no more than 1/2" gap.  
**IMPORTANT:** If the nipple protrudes beyond 1/2" the O-ring will not make a proper seal and the nipple will have to be adjusted.
3. Wrap the threads of the nipple with plumber's tape or use pipe sealant.
4. Make sure the steam head will line up in the upright position when tightened. The steam head should only be firmly hand tight. Using a wrench on the head may damage it. Screw the steam head on to the nipple and see how it lines up. Once a proper alignment is made remove the steam head.

**NOTE:** The steam head has been designed with a 360 degree dispersion of steam to improve steam circulation and to minimize the hotspots created with the traditional steam heads. For maximum comfort the steam head should always be located as far from the seating area as possible. Should the location of the steam head necessitate blocking the steam from a particular direction to improve bather comfort, the supplied deflector plate can be added to any of the three sides shown to help divert the steam away from the bather. The deflector is attached to the back side of the head before installation with 2 stainless steel screws provided. **(See Option Installation, Deflector section)**



**NOTE:** If necessary the head can be repositioned by disassembling the hub from the cover and selecting one of the two alternate positions.

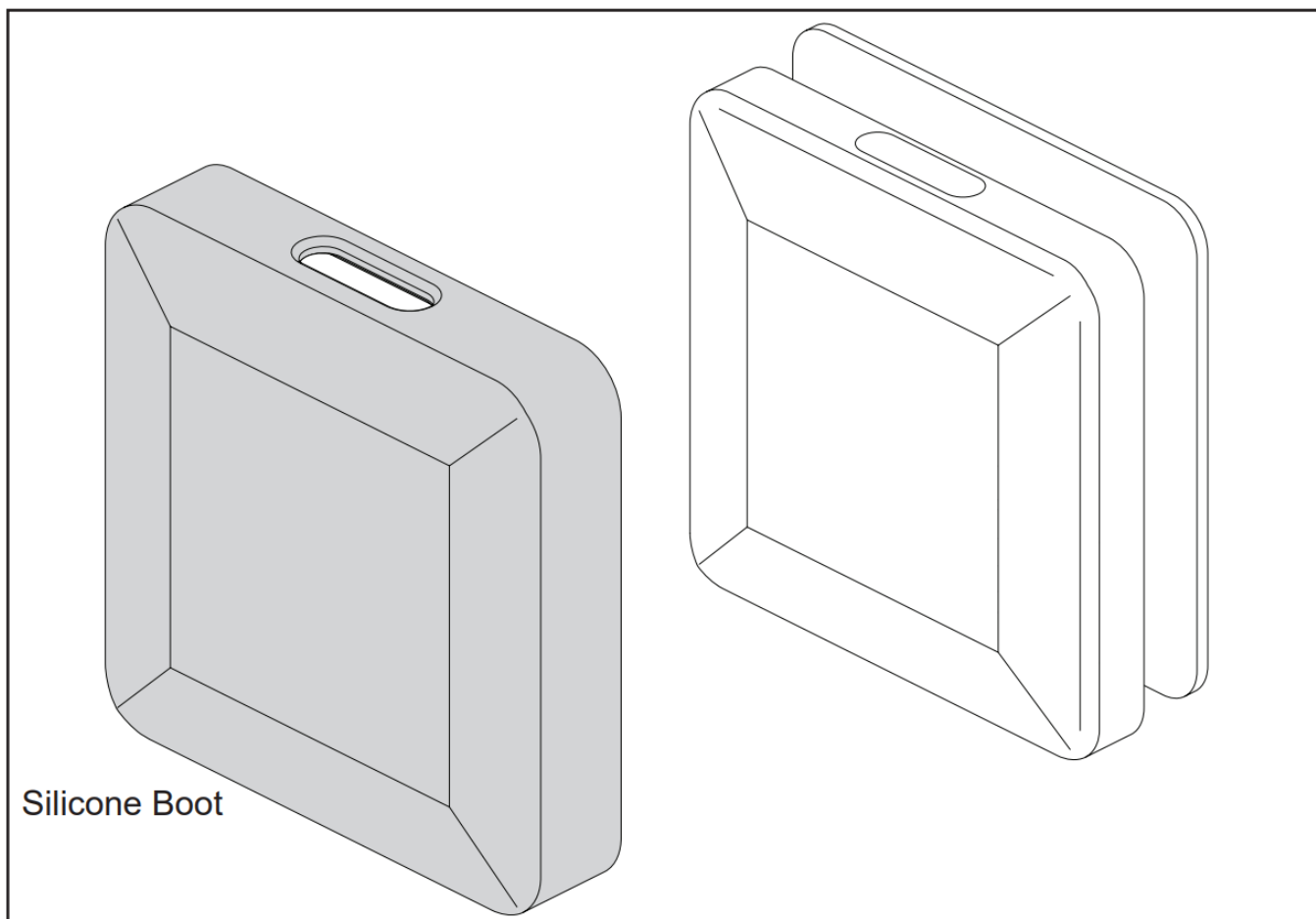
1. Re-apply sealant tape if necessary.
2. Place a bead of silicone around the pipe, sealing the pipe to the wall.
3. Place a bead of silicone around the back outer edge of the back plate.
4. Center and square the back plate over the nipple. While holding the head in place, attach the nipple by hand tightening the screws to the head.
5. Adjust the back plate and head to line up squarely. Remove any excess silicone with rubbing alcohol.



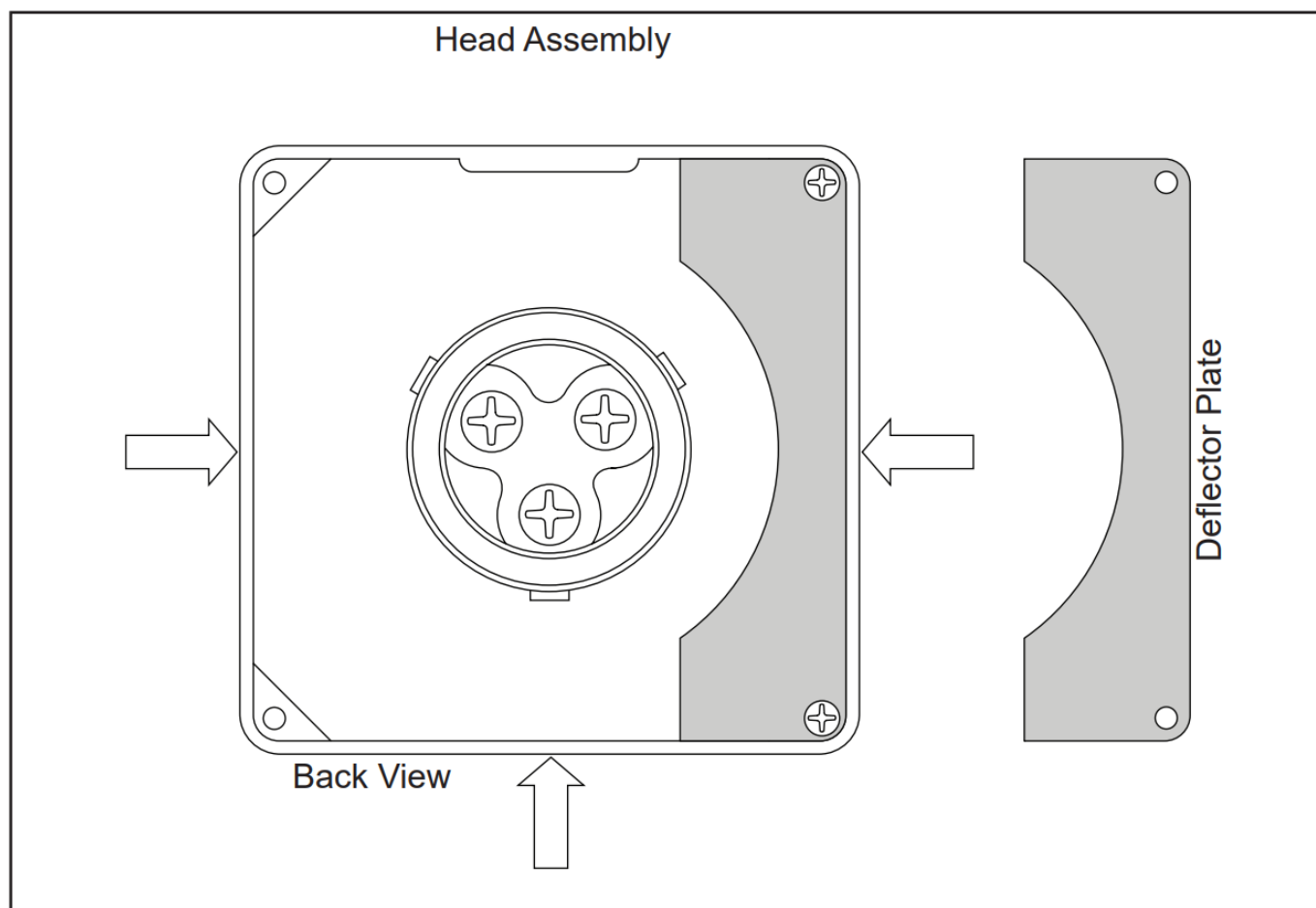
### Optional Installation

**IMPORTANT:** A silicone boot is provided and should be installed to protect against accidental contact with the hot surface temperature of the steam head, which can reach approximately 212° during operation.





If needed to improve bather comfort the included optional steam deflector can be installed to block the flow of steam from any of the shown sides of the steam head.



## Limited Warranty on Delta® Steam Bath and Steam Shower Products

### Applicable to products purchased and installed in the USA and Canada

**Residential Steam Bath Generators:** Delta Faucet Company (“DFC”) warrants to the original consumer purchaser that the parts (except for electronic parts) of its residential steam bath generator purchased from authorized Delta sellers will be free from defects in materials and workmanship for as long as the original consumer purchaser owns the home in which the steam bath was originally installed. This lifetime limited warranty does not apply to residential steam bath generators that are used in commercial applications (as defined herein).

**Residential Electronic Parts, Controls, Spa Options and Accessories:** DFC warrants to the original consumer purchaser that the electronic parts of its steam bath generator and its controls, spa options and accessories purchased from authorized Delta sellers will be free from defects in materials and workmanship for a period of two (2) years from the date that the product is received by the original consumer purchaser or their authorized representative (installation contractor, etc.). This two-year limited warranty does not apply to controls, spa options, electronic parts and accessories that are used in commercial applications (as defined herein).

**Commercial Warranty:** For the purposes of this warranty the term “commercial application” refers to installation in any setting in which the product is not being used for personal household use, including but not limited to hospitality applications, day spas, short-term and long-term rentals and gyms. DFC warrants that the parts (including electronic parts) of its steam bath generators (including steam bath generators with model numbers beginning with 5COM, which are intended solely for heavy commercial use), equipment, controls, electronic parts, spa options and accessories purchased from authorized Delta sellers and used in a commercial application will be free from defects in materials and workmanship for a period of one (1) year from the date that the product is received by the original purchaser or their authorized representative (installation contractor, etc.). **What We Will Do:** DFC will, at its option, repair or replace, free of charge, any part that proves defective in material and/or workmanship under normal installation, use and service during the applicable warranty period as stated above.

DFC may elect to refund the purchase price. Replacement parts are subject to availability and may differ from those originally supplied.

For residential applications, two (2) years following the date that the product was received by the original consumer purchaser or their authorized representative (installation contractor, etc.), and with prior approval by DFC, DFC will pay for labor for repair/replacement associated with warranty coverage. Thereafter, DFC will not pay for labor associated with removal/repair/replacement of products covered by this warranty.

For commercial applications, DFC will, with prior approval by DFC, pay for labor associated with warranty coverage for ninety (90) days from the date that the product is received by the original purchaser or their authorized representative (installation contractor, etc.). Thereafter, DFC will not pay for labor associated with removal/repair/replacement of products covered by this warranty. These are the consumer’s exclusive remedies.

**What Is Not Covered:** Because DFC is unable to control the quality of Delta products sold by unauthorized sellers, unless otherwise prohibited by law, this warranty does not cover Delta products purchased from unauthorized sellers.

This warranty does not cover damage caused by improper or negligent installation or use. Provided that DFC is paying the cost of the labor under the terms above, this warranty does not cover repairs attempted by any person other than an authorized DFC agent and shall be limited to the repair or replacement of defective parts by DFC or its authorized agent.

**This warranty is void if any of the following should occur:**

- The use of the product for an unintended application, including the commercial application of a product that is not intended for commercial use.
- Failure to follow instructions, including care, cleaning and usage instructions, provided in the product’s owner’s manual.
- The product’s serial number has been altered or removed.
- The product is modified in any manner which DFC concludes, after its inspection, affects the reliability of the

product.

- The product has been improperly repaired by anyone not specifically designated or authorized by DFC.
- The product is damaged because it is not operated or installed in accordance with supplied instructions.
- The product is installed outdoors.
- The product is installed in a moist and/or humid area with unconditioned air or temperatures that exceed 104 degrees Fahrenheit.
- The product is damaged due to freezing.
- The product is damaged by acts of God.

**How to Make a Warranty Claim:** To obtain warranty repair or replacement, contact DFC at: 800 394-6478 or [steamprodserv@deltafaucet.com](mailto:steamprodserv@deltafaucet.com) to receive an RGA# (Return Goods Authorization number) which must be on the carton that is returned via UPS Ground or equivalent. Proof of purchase (original sales receipt showing purchase date) identifying the model and serial number and documentation of the date of receipt of the product by the original purchaser or their authorized representative (installation contractor, etc.) must accompany all warranty claims. Limitation on Duration of Implied Warranties: Please note that some states/provinces (including Quebec) do not allow limitations on how long an implied warranty lasts, so the below limitations may not apply to you. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, ANY IMPLIED WARRANTY, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE, IS LIMITED TO THE STATUTORY PERIOD OR THE DURATION OF THIS WARRANTY, WHICHEVER IS SHORTER.

**Limitation of Special, Incidental or Consequential Damages:** Please note that some states/provinces (including Quebec) do not allow the exclusion or limitation of special, incidental or consequential damages, so the below limitations and exclusions may not apply to you. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, THIS WARRANTY DOES NOT COVER, AND DFC SHALL NOT BE LIABLE FOR, ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES WHETHER ARISING OUT OF BREACH OF ANY EXPRESS OR IMPLIED WARRANTY, BREACH OF CONTRACT, TORT, OR OTHERWISE.

**Additional Rights:** This warranty gives you specific legal rights, and you may also have other rights which vary from state/province to state/province. This is DFC's exclusive written warranty and the warranty is not transferable.

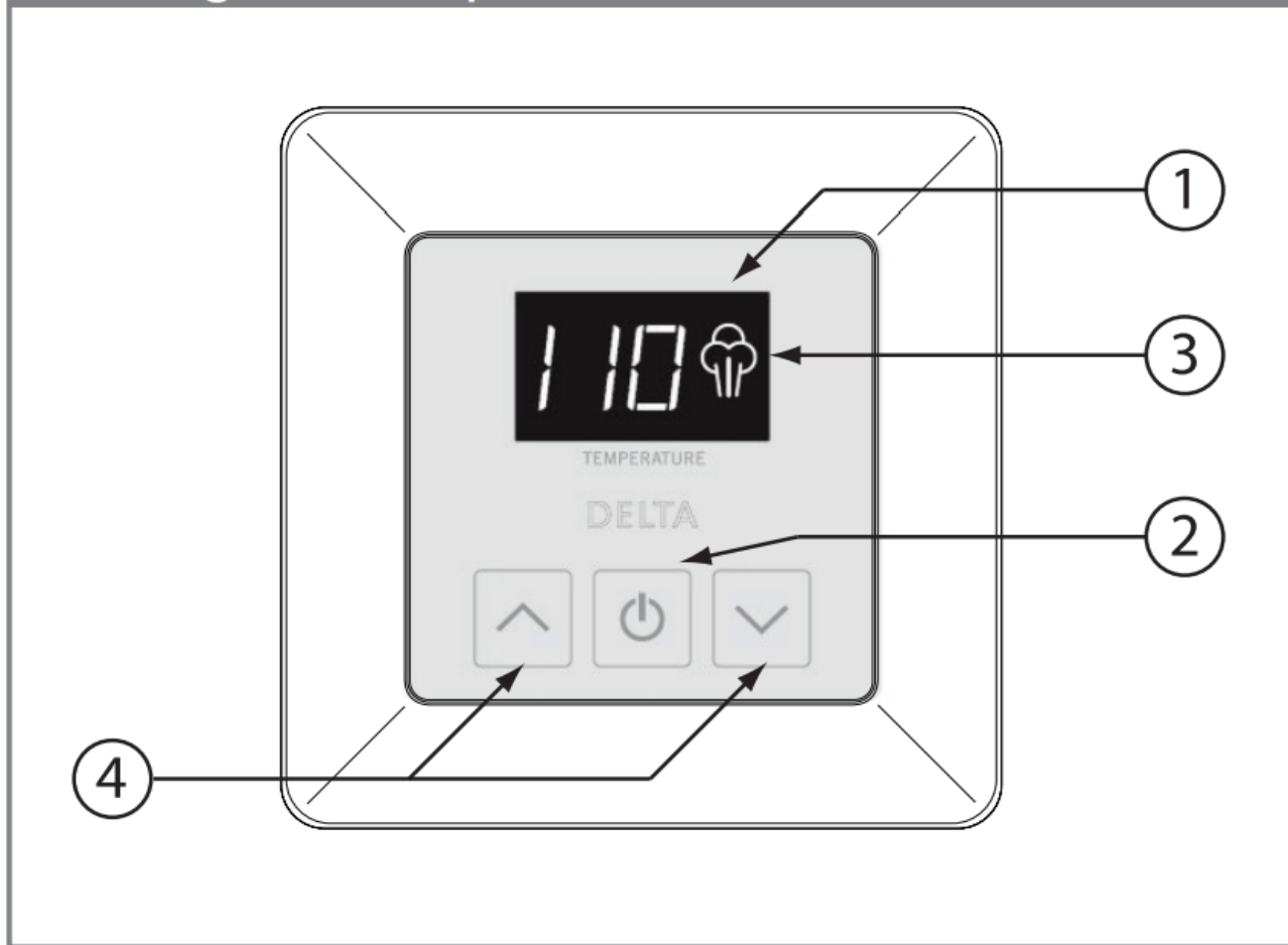
**IMPORTANT:** "Steam bath important safety instructions" publication 114317 includes a warning label that the contractor must install on the wall near the entrance to the steam room in a highly visible location. This label and its additional safety information are packaged with the generator packaging containing the installation instructions. If it is lost or missing contact: customer support (1-800-394-6478) for replacement instructions. This publication, along with all, documents must be left with the owner.

## Control Features

1. Temperature Display: Indicates steam room or set point temperature.
2. On/Off Button: 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 on the control will cycle on and off as the temperature is maintained automatically in the steam room.
4. Up/Down Buttons: Press to adjust the temperature set point.

**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.

# EP Digital Temperature Control



## Installation

### Pre-Installation – Control Location

a. The EP103305 or 5P-EST Series Control must be installed inside the steam room. For convenience the recommended height from the floor is four feet. Provide a 1 1/2" hole in the wall at this location (see Figure 2). Mount control near the seating area on the opposite or adjacent wall from the steam head. The control and steam head should be as far apart as possible and NOT above or not within 4' to the right or left of the steam head. **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.

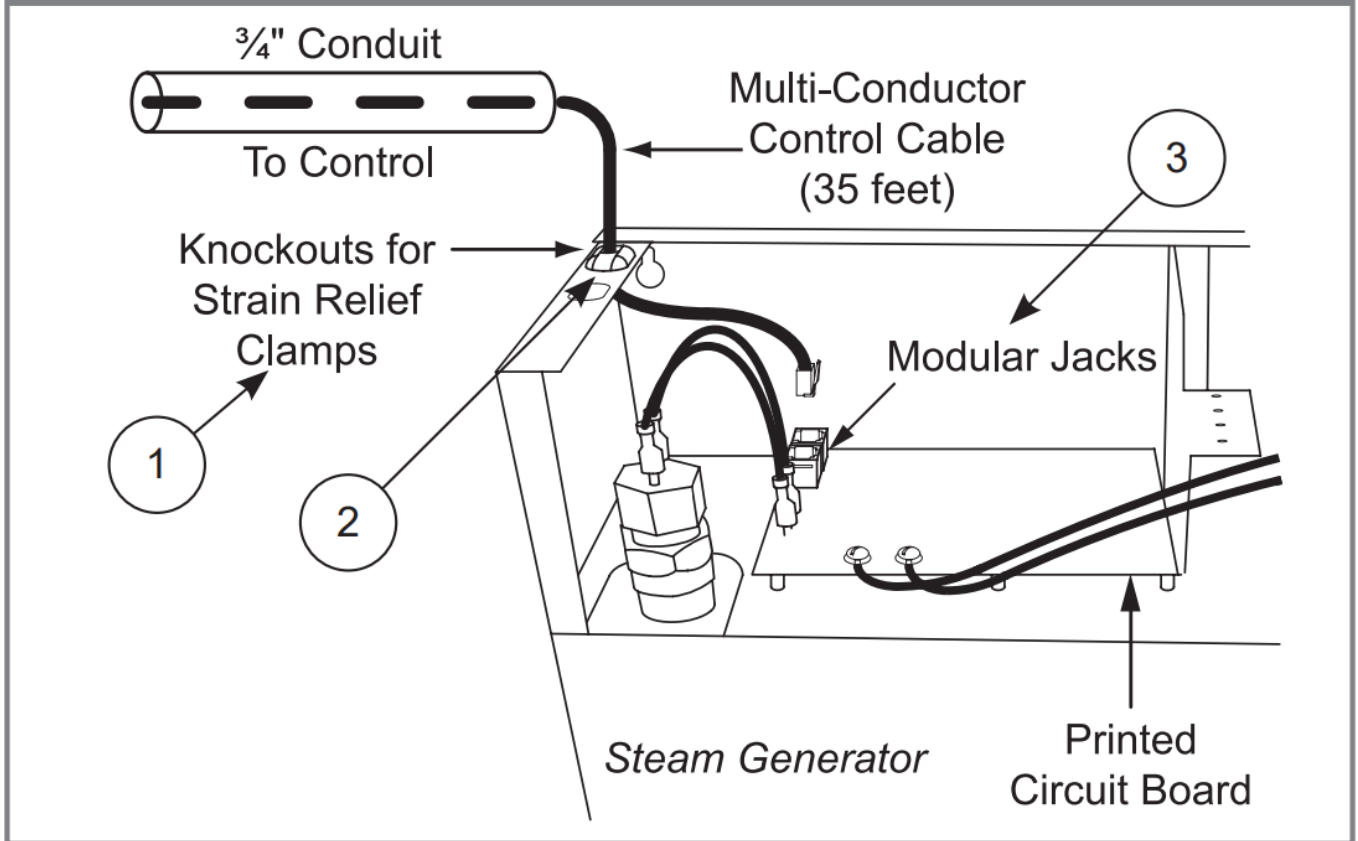
### 2. Electrical Rough-in

a. Remove the multi-conductor cable from the control packing box. Carefully route the multi-conductor control cable from the steam generator to the EP103305 or 5P-EST Series Control located inside the steam room. (See Figure 2 and Figure 3). Route multi-conductor cable through a 3/4" conduit to protect the cable from damage and to facilitate replacement if necessary.

### 3. Control and Cable Installation

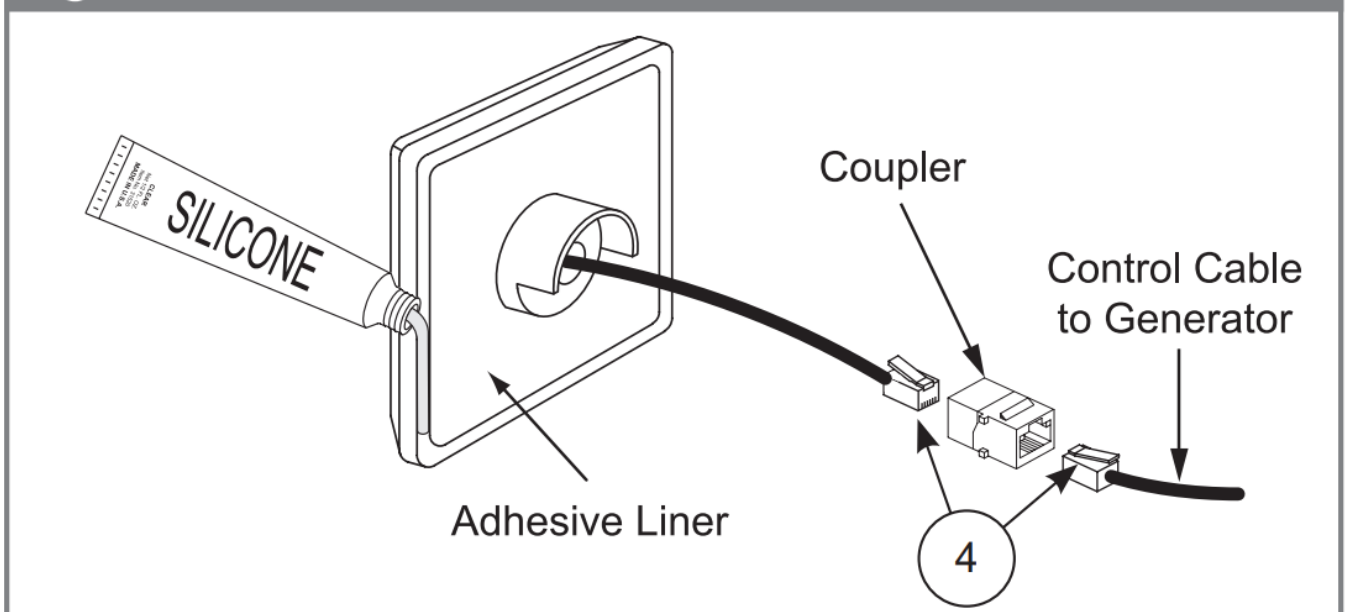
a. Locate the previously installed cable and black plastic strain relief clamp (1) which is in the control packing box. Locate the knockout (2) on the steam generator for the control cable (**see Figure 3**).

## Figure 3



- b. Place strain relief around cable, about 7" from the end and insert into hole.
- c. Connect the cable to the modular jack (3).
- d. Close and secure generator cover.
- e. Locate modular jack and female coupler (4), on back of the EP103305 or 5P-EST Series Control. Plug cable 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).

## 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.

## Operating Instructions

**Operation:** Make sure the water and power are turned on. Simply press the On/Off button on the control to begin the previously programmed cycle. Pressing the On/Off button 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. Any time the temperature is displayed. It can be adjusted by simply pressing the up or down button. All changes made to the temperature control are stored in memory until changed again. The temperature is 50° F to 125° F (10° C to 51° C).

## Additional Features

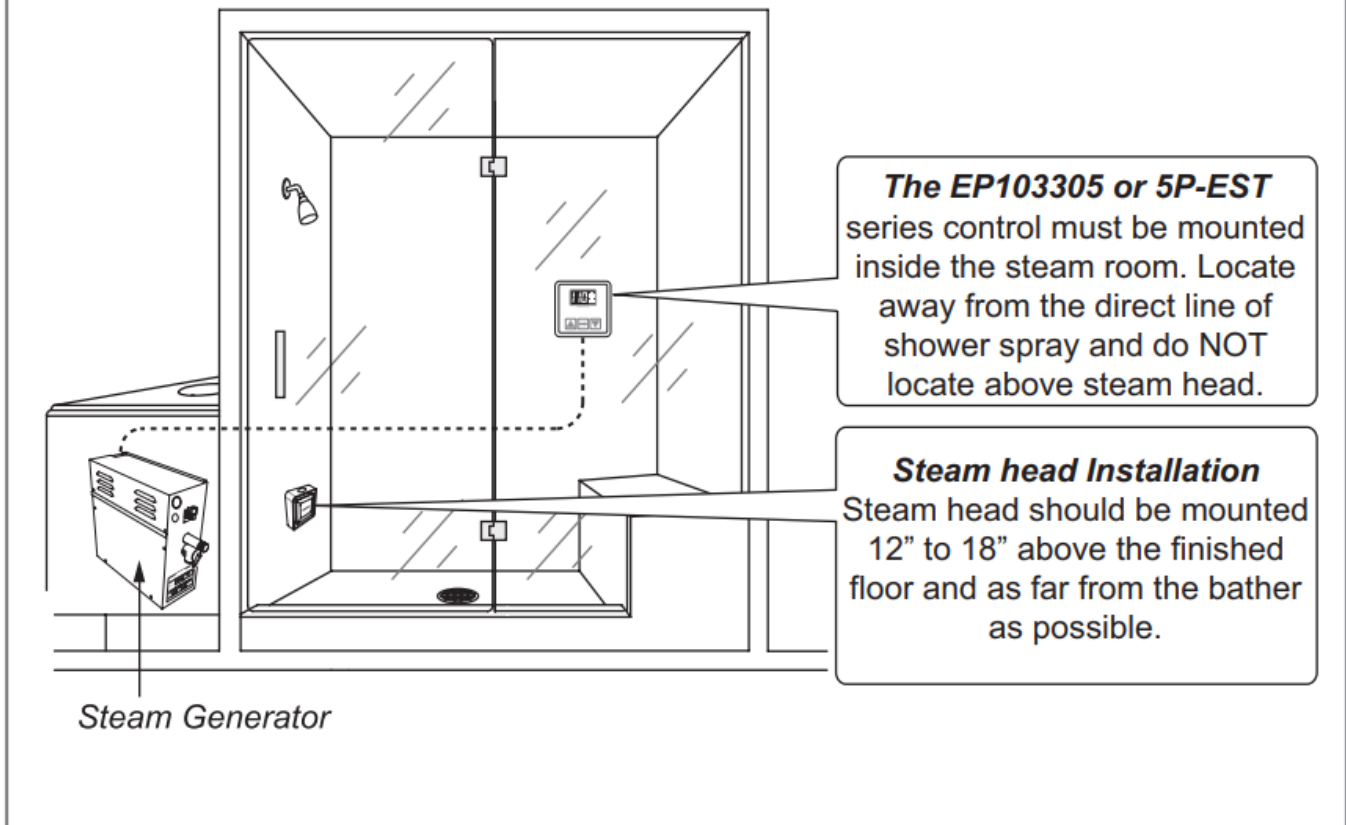
**Memory:** The temperature set point is retained even if there is a power failure.

**Fahrenheit/Celsius:** The temperature display may be changed to Fahrenheit or Celsius by simultaneously pressing and holding the up and down button 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 isolate potential problems. Error codes: E0, E1, E2, E3 – indicates internal control error. Please contact the manufacturer. E4, E5, E6 – indicates a communication error between the user control and steam generator. To narrow down the issue, unplug the user control from the wall and bring it to the steam generator. Next unplug the user control cable from circuit board and plug control directly into the generator. Turn the control on, while directly plugged in to determine if it powers up. If yes, inspect the control cable for damage, debris or corrosion at the contacts. If the control is still displaying an error code while directly plugged into the generator, contact the manufacturer for further assistance.

Figure 4 - Installation Suggestions

***All Instructions must be given to the homeowner for future use.***



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**Limitation on Duration of Implied Warranties:** Please note that some states/provinces (including Quebec) do not allow limitations on how long an implied warranty lasts, so the below limitations may not apply to you. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, ANY IMPLIED WARRANTY, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE, IS LIMITED TO THE STATUTORY PERIOD OR THE DURATION OF THIS WARRANTY, WHICHEVER IS SHORTER.

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**Additional Rights:** This warranty gives you specific legal rights, and you may also have other rights which vary from state/province to state/province. This is DFC's exclusive written warranty and the warranty is not transferable.

## Customer Support

Register Online

[www.deltafaucet.com/service-parts/product-registration](http://www.deltafaucet.com/service-parts/product-registration)

To reference replacement parts and access additional technical documents and product info, visit

[www.deltafaucet.com/service-parts](http://www.deltafaucet.com/service-parts)



1-800-394-6478

[www.deltafaucet.com/service-parts/contact-us/](http://www.deltafaucet.com/service-parts/contact-us/)



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## Documents / Resources

	<p><a href="#">DELTA 112970 SimpleSteam Square Control Package</a> [pdf] Instruction Manual 112970 SimpleSteam Square Control Package, 112970, SimpleSteam Square Control Package, Square Control Package, Control Package, Package</p>
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## References

- [Delta Faucet | Bathroom & Kitchen Faucets, Showers, Toilets, Parts, Accessories and More](#)
- [Delta Faucet Support and Parts Resources](#)
- [deltafaucet.com/service-parts/product-registration](http://deltafaucet.com/service-parts/product-registration)
- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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