



Installation, Operation and Maintenance Manual

Linear Steam Head

Residential Models: 144080

IMPORTANT: Leave this material with the homeowner.

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READ ME FIRST!

As you follow these instructions, you will notice warning and caution symbols. This information is important for the proper, safe and trouble free installation of the Linear Steam Head. These are types of potential hazards that may occur if installation instructions are not carefully followed.

CAUTION This signals a situation where injury or property damage may occur if you do not follow instructions.

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

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

CAUTIONS

- Linear Steam Head model 104480 is suitable for MrSteam generator models MS90 – MS400, MSSUPER1– MSSUPER3, MX4 – MX6.
Do not use Linear Steam Head model 104480 for any other MrSteam steam generator. Do not use the Linear Steam Head with any steam generator that is not a MrSteam steam generator. Failure to follow these instructions may result in a leak within the wall cavity and cause problems associated with leaks, moisture and property damage from leaks.
- Do not use the Linear Steam Head with any steam generator that is not a MrSteam steam generator. Do not locate the steam head in any location where the steam emission zone is near a seat, bench or any space occupied by any persons. Failure to follow these instructions may result in a hazardous condition, scalding or personal injury.
Using model 104480 for any steam generator model larger than the MX6, or for any non MrSteam brand generators may result in an improper installation or hazardous condition.
- Do not use the Linear Steam Head with any NON-MrSteam equipment or devices, including but not limited to water softeners, steam generators, etc. Using the Linear Steam Head with any NON-MrSteam equipment or devices may result in personal injury or, Linear Steam Head damage or property damage.
- MrSteam steam generators Models MX4, MX5 and MX6 require two 104480 steam heads. Failure to use two steam heads may result in steam head operation where incidental contact by the bather with direct steam emission may occur. Do not locate the steam head in any location where the steam emission zone is near a seat, bench or any space occupied by any persons. Failure to follow these instructions may result in a hazardous condition, scalding or personal injury.
- Because the steam head and direct steam emission are very hot, locate the steam head where incidental contact by the user with the steam head or direct steam emission cannot occur.
- Model 104480 Linear Steam Heads are for residential use only. Do not use Model 104480 Linear Steam Heads for commercial installations, Day Spa, or with commercial steam generators. Using Model 104480 Linear Steam Heads for commercial, Day Spa or installations with commercial steam generators or any installation with steam sessions exceeding 60 minutes a day, may result in Linear Steam Head damage, property damage or personal injury.
- Do not use any Linear Steam Head in any commercial installation or with any commercial steam generator. Using any Linear Steam Head in a commercial installation or with any commercial steam generator may result in Linear Steam Head damage, property damage or personal injury.
- Install in orientation shown in fig 2 only. Installation in any other orientation may concentrate the steam and result in excessive temperature. Failure to install in correct orientation may result in steam head operation where incidental contact by the bather with direction steam emission may occur. Failure to follow these instructions may result in a hazardous condition, scaling or personal injury.
- Insulate the steam head and piping as required to reduce temperatures within the wall cavity. Do not locate the steam head or plumbing near any materials, including wiring, devices, or products that may be adversely affected by elevated temperatures. Failure to follow these instructions may result in the failure of materials, including wiring, devices, or products.

READ ME FIRST! (cont.)

- Steambath controls feature an integral temperature sensor. Locate the Steam Head in a location where steam emissions will not come in direct contact with the control (or the remote temperature sensor). Failure to follow these instructions may result in a hazardous condition, scalding or personal injury.
- Use the supplied high temperature silicone sealant as required to create a permanent moisture seal. Do not seal the steam head with grout or any other material. Failure to follow these instructions may result in moisture and property damage.
- The Linear Steam Head model 104480 must be installed by a qualified and licensed plumber. Failure to use a qualified and licensed plumber may result in a leak within the wall cavity and cause problems associated with leaks, moisture and property damage from leaks.
- DO NOT use black iron pipe or galvanized pipe for the steam line. Use brass pipe or copper tubing only, and in accordance with national and local plumbing codes.
- Do not modify or alter the steam head. Do not cover, block or insert any product that is not a MrSteam supplied product into the steam outlet. Failure to follow these instructions may result in a leak within the wall cavity, or result in a hazardous condition and/or personal injury.

IMPORTANT NOTES:

- See the Installation and Operation Manual provided with the steam generator for additional important installation and operation information. If this installation and operation manual is not available then go to www.mrsteam.com for an online copy, or contact MrSteam Customer or Technical Services at 800-767-8326 or 800-727-8326 for a free copy.
- Do not disassemble the steam head. The steam head is shipped fully assembled and requires no additional assembly. Failure to follow these instructions may result in a leak within the wall cavity and cause problems associated with leaks, moisture and property damage from leaks.
- Consult with supplier of acrylic, fiberglass and other non-heat resistant enclosures for elevated temperatures, steam, and moisture compatibility. Consult with supplier of acrylic, fiberglass and other non-heat resistant enclosures for recommended steam head locations.
- To prevent damage to property do not locate the steam head where steam, elevated temperatures, moisture or water can contact any products, wall surfaces, materials, door seals, devices, electronics that are not designed for steam, elevated temperatures, moisture or water.
- Do not use abrasive cleansers or chemicals to clean the steam head. Use only water with mild soap and a non-abrasive sponge. The use of abrasive cleansers or chemicals will damage the finish on the Linear Steam Head.

BOX CONTENTS:

- Linear Steam Head
- Faceplate
- Diverter
- AromaTray
- Silicone Sealant
- Installation Instructions

Generator Model	Number of Linear Steam Heads	Steam Emission Zone
MS90-MS400	1	18"
Super1-Super3	1	24"
MX4-MX6	2	24"

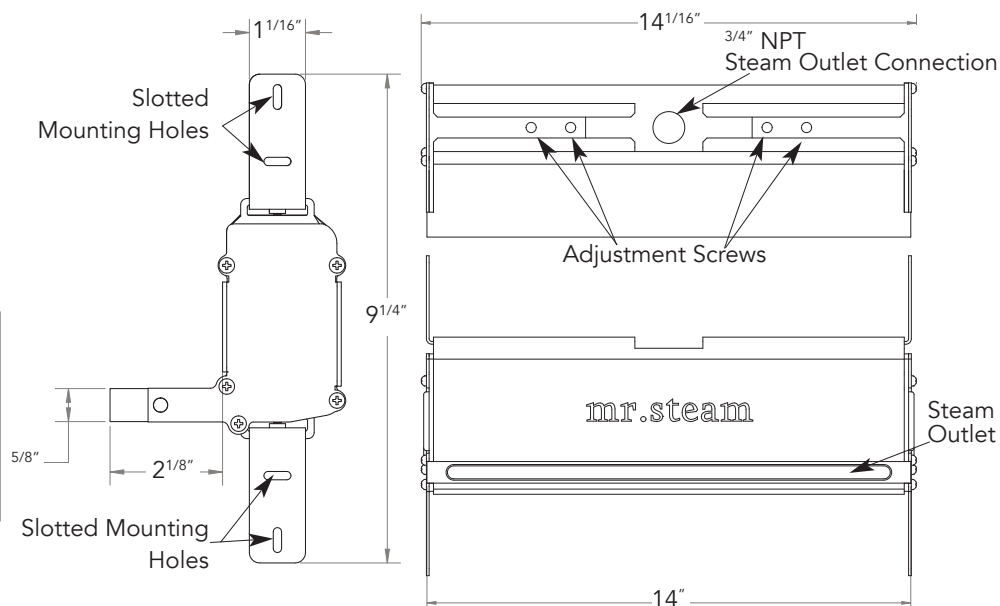


Figure 1

NOTE: Drawings are for illustrative purposes only. Consult with qualified designer, architect or contractor for steam room construction.

INSTALLATION STEPS

! CAUTION Because steam emissions are very hot, locate the steam head where incidental contact by the bather with direct steam emission cannot occur. Do not locate the steam head in any location where the steam emission zone is near a seat, bench or any space occupied by any persons. See Fig. 2 for a diagram of the steam emission zone. Failure to follow these instructions may result in a hazardous condition, scalding or personal injury.

! CAUTION Do not install a Linear Steam Head in a tub or acrylic/fiberglass shower enclosure. Failure to follow these instructions may result in a hazardous condition, scalding or personal injury.

STEP 1. Locate the steam head 6-12" above the finished floor. Do not locate the steam head in any location where the steam emission zone is near a seat, bench, or any space occupied by any persons. See Fig. 2 for a diagram of the steam emission zone.

STEP 2. Confirm proper stud spacing: The studs must have a minimum spacing of 14-1/16" and a maximum spacing 19". If the stud spacing is outside the required range then shim or otherwise reposition the studs as required.

! CAUTION Installing the steam head between incorrectly spaced studs may result in damage to the steam head and result in a leak within the wall cavity and cause property damage.

STEP 3. Determine the location of the finished wall surface. Mount the steam head between two studs using the horizontal slotted holes to position the steam outlet face to be flush or recess 1/8" from the finished wall surface (see fig. 4)

! CAUTION Failure to position the steam head face to be flush or recessed 1/8" from the finished wall surface may result in a leak within the wall cavity and cause problems associated with leaks, moisture and property damage from leaks.

STEP 4. Use a level to ensure the steam head is level (see Fig. 3) and the steam head face is flush or recess 1/8" from the finished wall surface. Install the four screws in the vertical slotted mounting holes to secure the steam head to the studs.

STEP 5. Plumb rigid copper tubing or brass pipe from the steam generator to the steam head. Plumbing must not form traps or valleys. Thread sealant must be used as required to ensure a leak free joint.

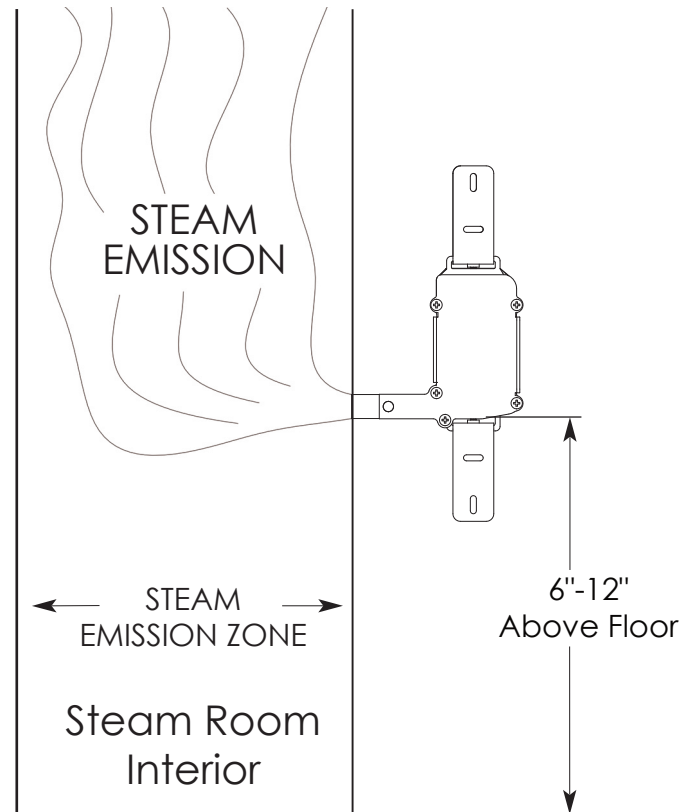


Figure 2

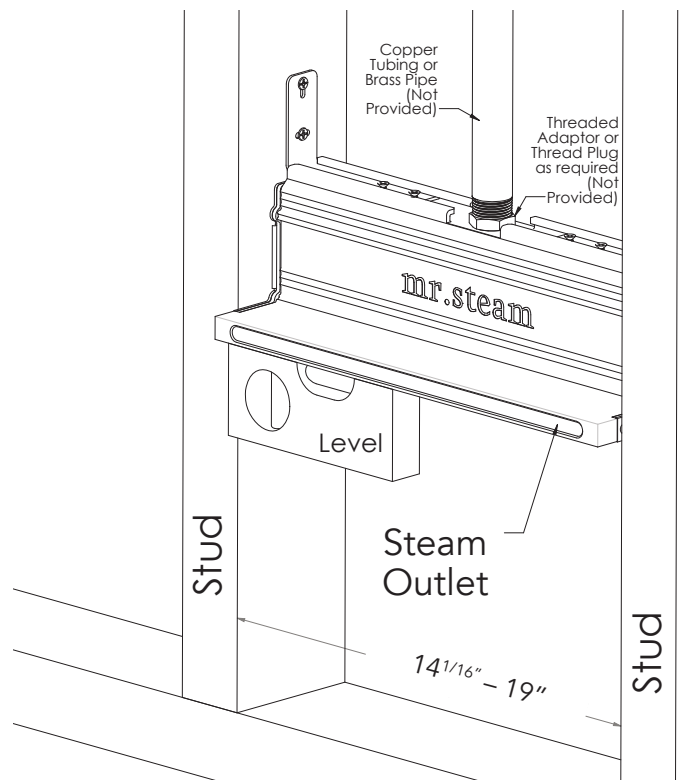


Figure 3

NOTE: Drawings are for illustrative purposes only. Consult with qualified designer, architect or contractor for steam room construction.

Installation Instructions

Model 104480

⚠ CAUTION

- Plumbing must be installed by a qualified and licensed plumber. Plumbing in a manner that results in traps or valleys in the pipe may result in a noisy or inoperable installation.
- Plumbing without proper thread sealant may result in a leak within the wall cavity and cause problems associated with leaks, moisture and property damage from leaks.
- DO NOT use black iron pipe or galvanized pipe for the steam line. Use brass pipe or copper tubing only, and in accordance with national and local plumbing codes.

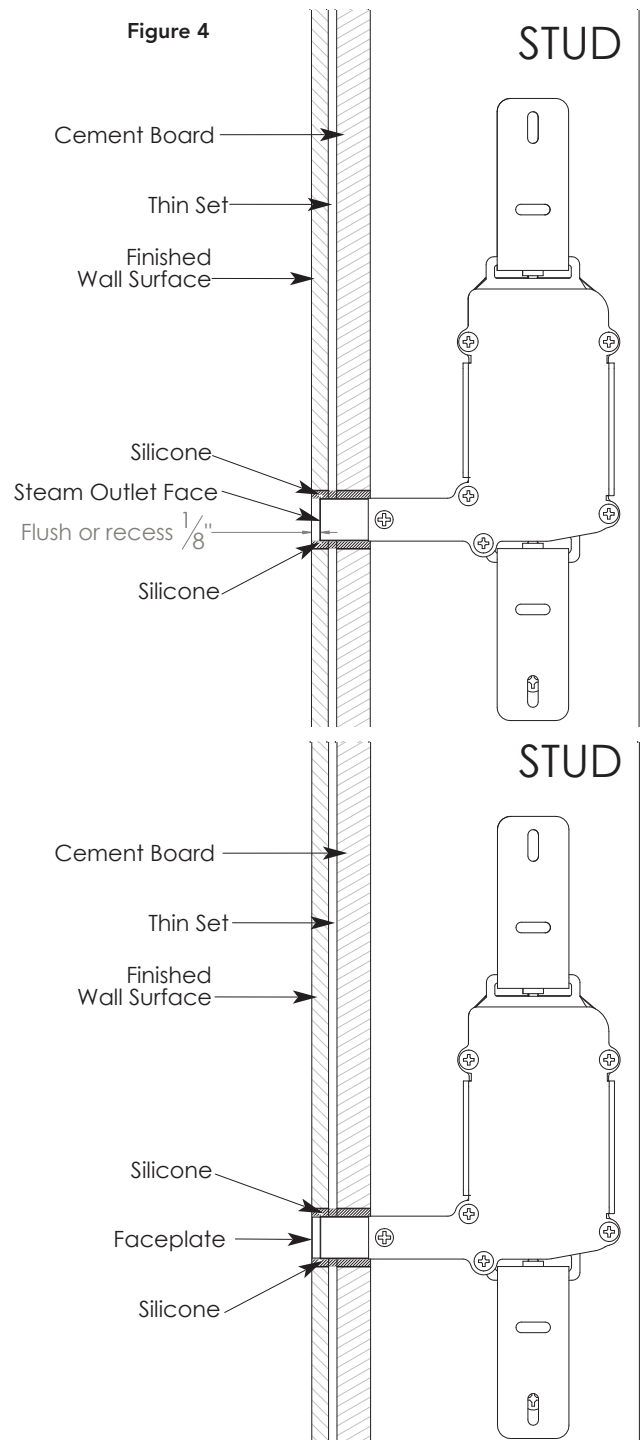
STEP 6. Run the steam generator for a few steam cycles to observe and verify that the steam head, steam head installation and plumbing are correct and free of leaks.

STEP 7. Insulate steam line and steam head using insulation rated 212°F or higher. Insulate the steam head and piping as required to reduce temperatures within the wall cavity. DO NOT locate the steam head or plumbing near any materials, including wiring, devices, or products that may be adversely affected by elevated temperatures. Failure to follow these instructions may result in the failure of materials, including wiring, devices, or products.

STEP 8. After the finished wall surface has been installed use high temperature silicone around the steam outlet as required to make a waterproof seal. (see Fig. 4)

- Complete steam room tile construction information is available from the Tile Council of America, Inc. by purchasing the TCA Handbook for Ceramic Tile Installation. 864- 646-8453 or www.tileusa.com. Information on marble steam room construction is available from the Marble Institute of America www.marble-institute.com. Failure to follow these instructions may result in damage to tile, marble or other materials.
- Finished wall surface may be tile, marble, granite or other steam rated surface.
- MrSteam is not responsible for the steam room construction.
- Consult with qualified designer, architect or contractor for steam room construction.

Figure 4



For Installation assistance please call Customer or Technical support:

East Coast 1-800-767-8326 • West Coast 1-800-727-8326

To view an installation video please go to: www.mrsteam.com

This video is for added visual assistance only. Do not install the Linear Steam Head using the video. Use only these installation instructions for a safe and problem free installation.

Accessories

Faceplate

! CAUTION INSTALLER: Because the steam head, Faceplate and direct steam emission are very hot, locate the steam head and Faceplate where incidental contact by bather with the steam head, Faceplate or direct steam emission cannot occur.

Faceplate comes in 8 beautiful finishes to blend seamlessly with any bathroom décor and it's manufacturer in solid brass.

STEP 9. The steam head pre-installation is now complete. The wall surfacing materials (cement board, tiles, marble, etc.) can be installed. Leave a cut out in the surfacing materials around the front of Linear Steam Head as shown. Make the cut out as tight around the front of Linear Steam Head as possible. (see Fig. 6)

STEP 10. Apply silicone (supplied) to the front of Linear Steam Head. (see Fig. 6)

STEP 11. Securely press Faceplate into the opening of Linear Steam Head. (see Fig. 6)

STEP 12. Apply silicone (supplied) in gap as shown in Fig. 7.

STEP 13. Grout tiles as required.

! CAUTION Failure to properly install Faceplate may result in a leak within the wall cavity and cause problems associated with leaks, moisture and property damage from leaks.

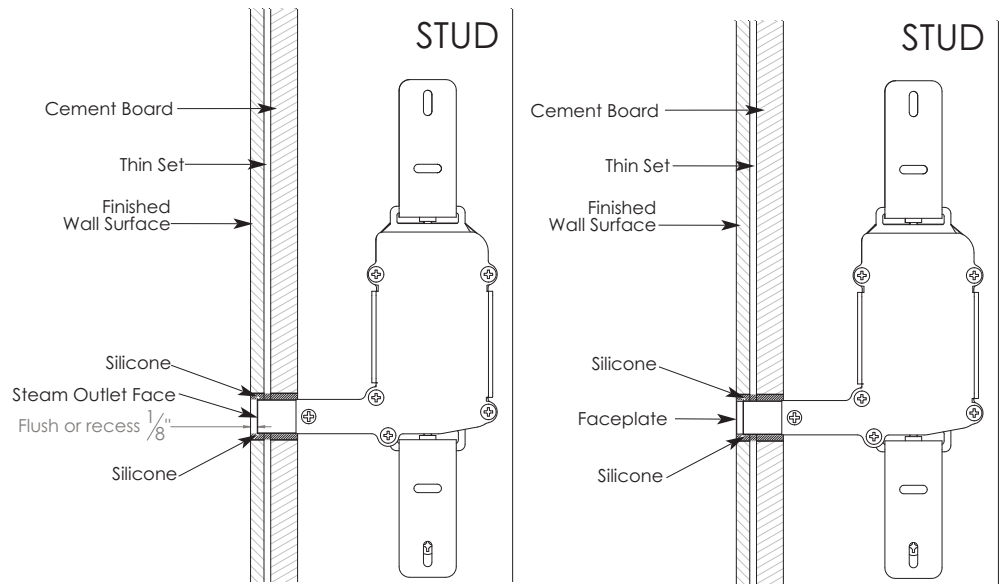


Figure 5

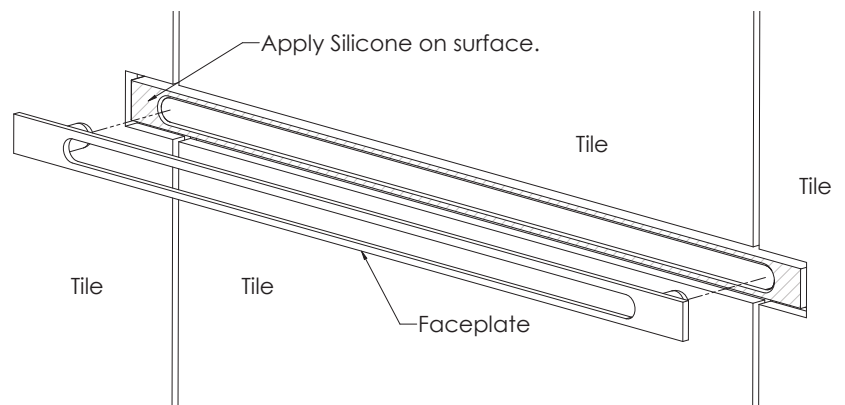


Figure 6

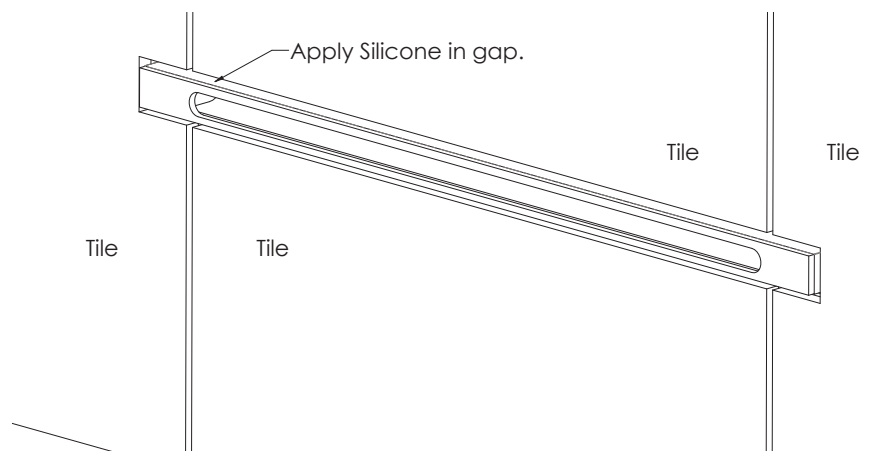


Figure 7

NOTE: Drawings are for illustrative purposes only. Consult with qualified designer, architect or contractor for steam room construction.

Accessories

Diverter

! CAUTION Because direct steam emission is very hot, Diverter will become hot during steam session, and will remain hot for a period of time after steam session.

Diverter is an optional addition to the subtle and elegant Linear Steam Head, where steam emission zone is an issue. Diverter effortlessly direct steam up the finished wall, greatly reduce the size of steam emission zone.

STEP 14. Securely press Diverter into the opening of Linear Steam Head.
(see Fig. 8)

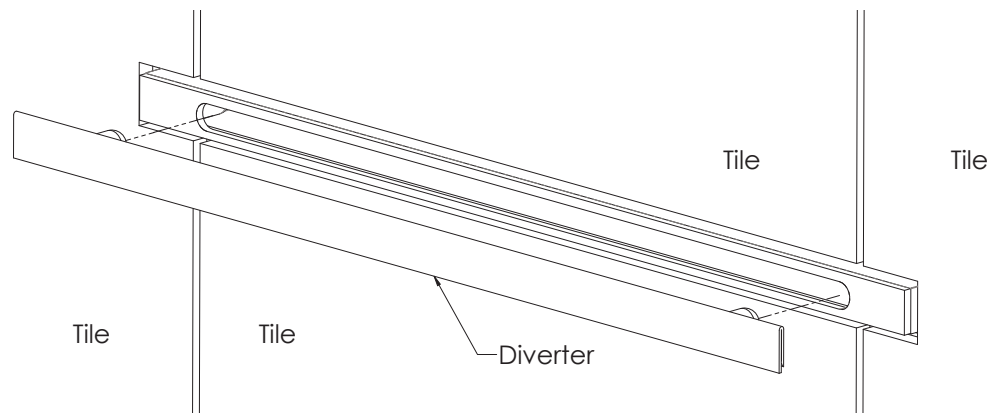


Figure 8

Accessories

AromaTray

CAUTION Because direct steam emission is very hot, AromaTray might become hot during steam session, and might remain hot for a period of time after steam session.

AromaTray is the vehicle that fuses steam and fragrances to create a powerful sensual experience. Its timeless finish blends seamlessly with any bathroom décor and it's manufactured in brass.

STEP 15. Place Aroma Tray in steam outlet of Linear Steam Head (see fig. 9) or on Diverter (see fig. 10). Place a drop or two of AromaSteam™ essential oil in AromaTray.

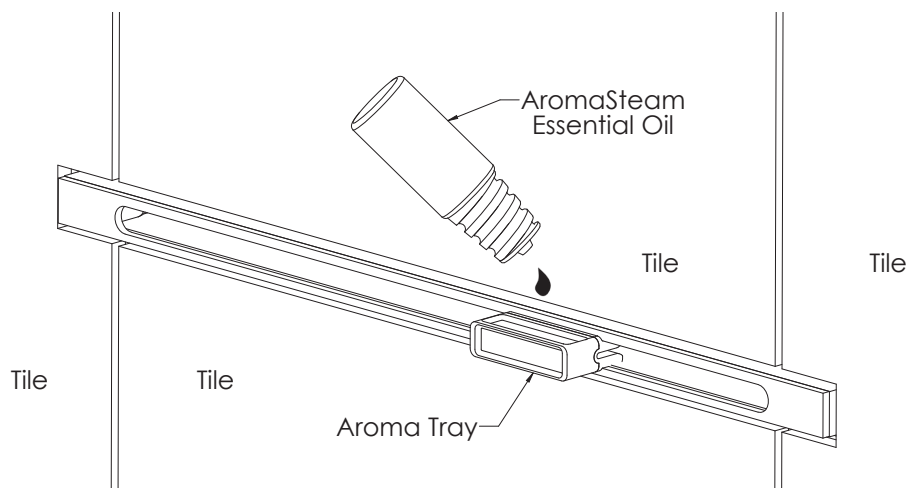


Figure 9

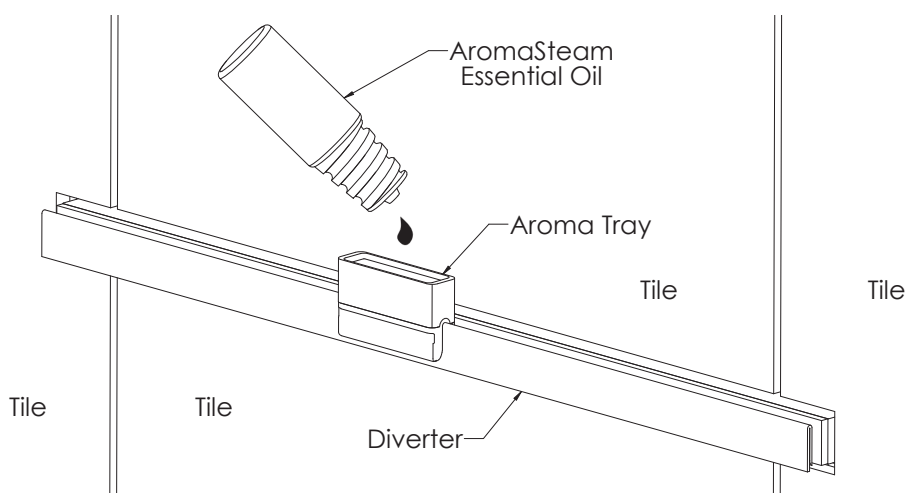


Figure 10

Optional Accessories

Escutcheon

! CAUTION INSTALLER:

Because the steam head, Escutcheon and direct steam emission are very hot, locate the steam head and Escutcheon where incidental contact by bather with the steam head, Faceplate or direct steam emission cannot occur.

Escutcheon is a decorative faceplate and comes in 8 beautiful finishes, it blends seamlessly with any bathroom décor, it's larger than Linear Steam Head's standard Faceplate and it's manufacturer in solid brass.

Installation Instruction

- Apply silicone to the front surface of Linear Steam Head. (see fig. 12.)
- Securely press Escutcheon into the opening of Linear Steam Head. (see fig. 12.)
- Fill any gaps between tiles and Escutcheon with silicone. (see fig. 13).

! **CAUTION** Failure to properly install Escutcheon may result in a leak within the wall cavity and cause problems associated with leaks, moisture and property damage from leaks.

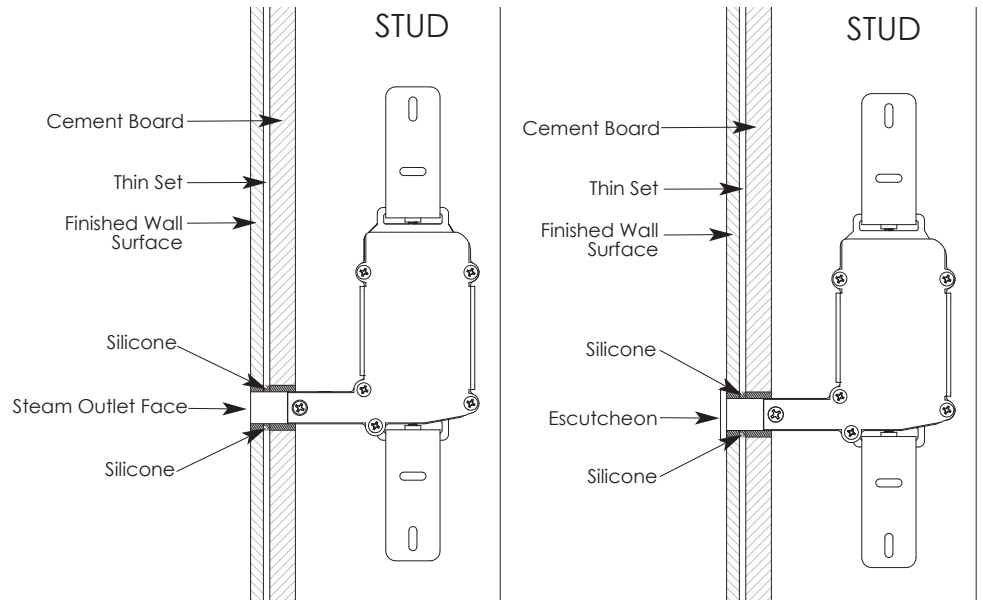


Figure 11

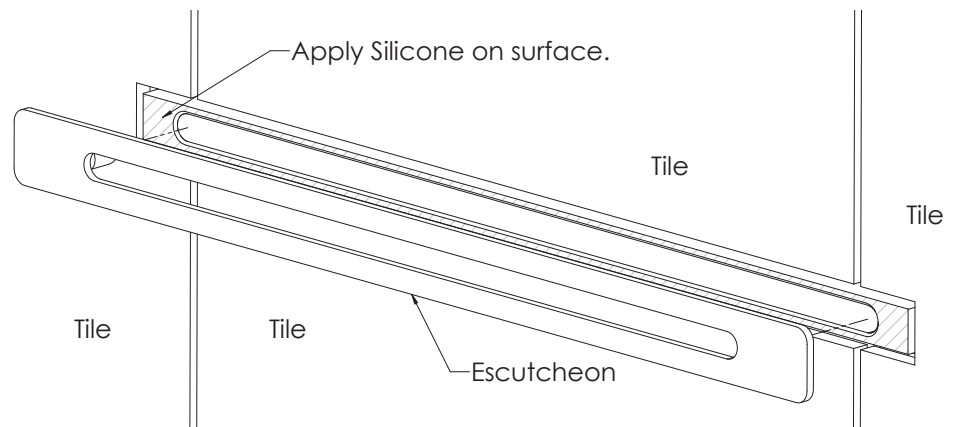


Figure 12

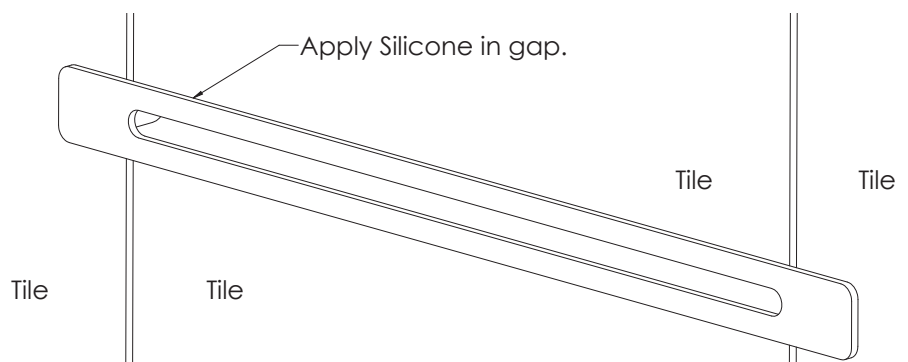


Figure 13

NOTE: Drawings are for illustrative purposes only. Consult with qualified designer, architect or contractor for steam room construction.

Optional Accessories

Finished Diverter

CAUTION Because direct steam emission is very hot, Finished Diverter will become hot during steam session, and will remain hot for a period of time after steam session.

Finished Diverter is an optional addition to the subtle and elegant Linear Steam Head, where steam emission zone is an issue. Finished Diverter effortlessly direct steam up the finished wall, greatly reduce the size of steam emission zone. It comes in 8 beautiful finishes to blend seamlessly with any bathroom décor and it's manufactured in solid brass.

Installation Instruction

- Insert Finished Diverter into steam outlet of Linear Steam Head. (see fig. 14).

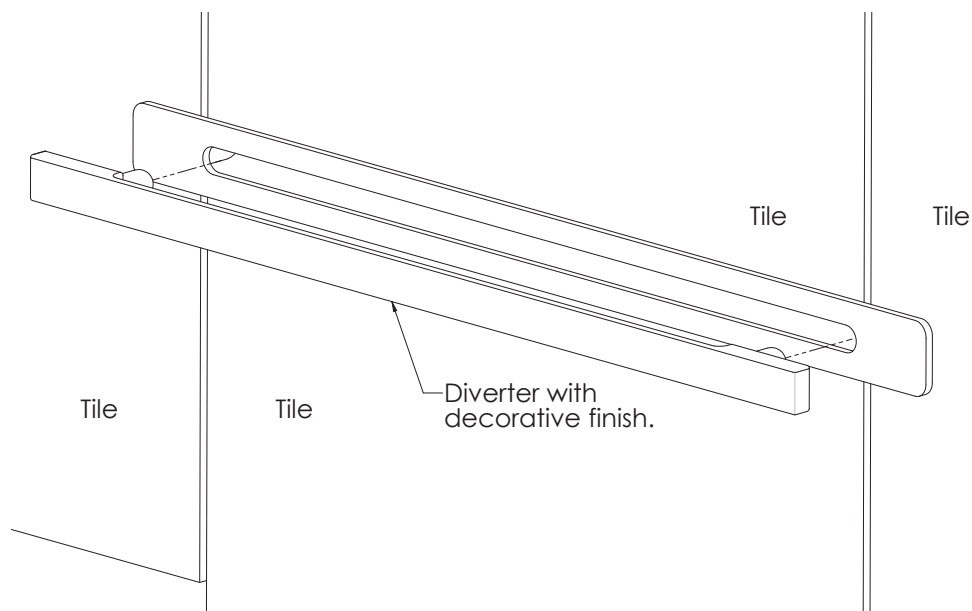


Figure 14

Optional Accessories

AromaTray

CAUTION Because direct steam emission is very hot, AromaTray might become hot during steam session, and might remain hot for a period of time after steam session.

Aroma Tray is the perfect vehicle to elevate an ordinary steam experience. It can be inserted into the steam outlet of Linear Steam Head, Faceplate, Escutcheon, or stand on the vertical portion of Diverter or Finished Diverter. Its cavity can hold and warm up AromaSteam™ essential oil during steam sessions.

Installation Instruction

- Place Aroma Tray in steam outlet of Linear Steam Head (see fig. 15) or on Diverter (see fig. 16).
- Place a drop or two of AromaSteam™ essential oil in Aroma Tray.

**Only use Mr.Steam® AromaSteam™ essential oil in Mr.Steam® AromaTray*

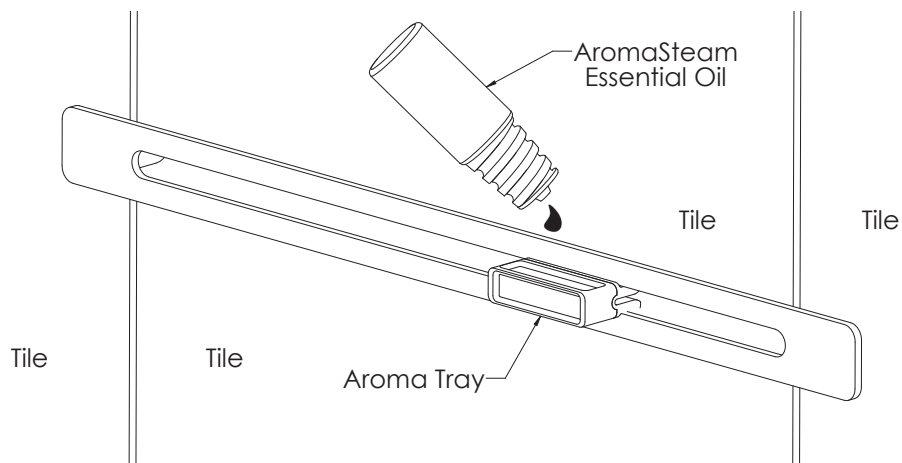


Figure 15

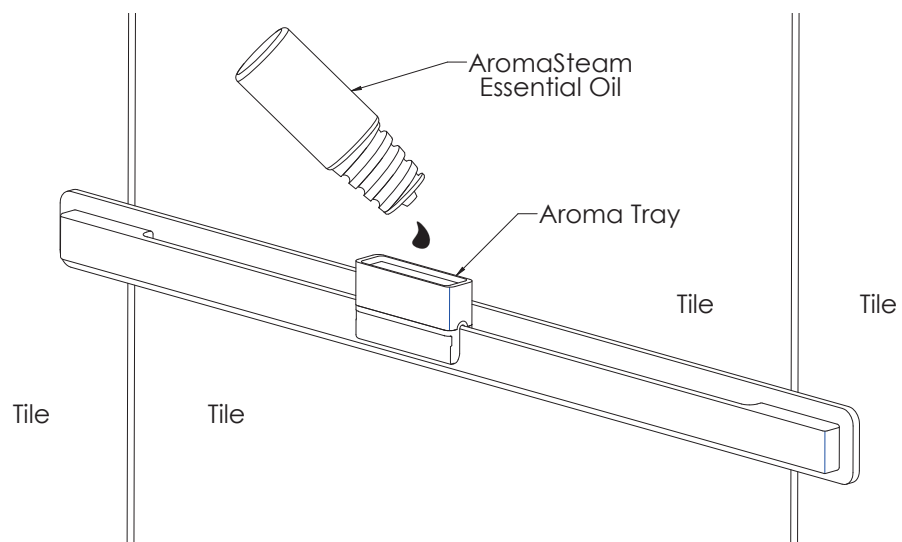


Figure 16

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www.mrsteam.com

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

Please call Technical Support at 1.800.76.STEAM (East Coast) or 1.800.72.STEAM (West Coast) for more information.

NOTICE

The model and serial number is printed on the data plate on the front of the steam bath generator.
Have this information available when contacting Technical Service.

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