Installation, Operation and Maintenance Manual

iDream/iDream2

iSteam3 Control	PUR100514	07-17
AromaSteam SteamHead	PUR100421	10-15
SteamLinx Mobile App	PUR100518	01-18
AudioSteam3 System	PUR100516	01-18
Square Speakers	PUR100401SQ	05-13
ChromaSteam3 System	PUR100515	01-18
AromaSteam System	PUR100402	08-18
AutoFlush	PUR100200E	10-15
Condensation Pan	PUR100445	10-09

mr.steam® | Feel Good Inc.®

mr.steam®

STEAM HEAD

INSTALLATION INSTRUCTIONS

IMPORTANT: See the Installation and Operation Manual provided with the steam generator for additional important steamhead & control installation and operation information.

Installation: Steam Head (½" NPT)

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

STEP 1 Locate steam head 6-12 inches above floor, except for:

1. Tub/shower enclosures, install 6 inches above tub top edge.
2. For enclosures with acrylic or other non-heat resistant flooring install Acrylic Shield Part Number MS-103938.
3. To prevent door seals from deteriorating do not locate the steam head where direct steam emission would contact door seals.

STEP 2 Install steamhead with the oil well facing up as shown. Hand tightening is sufficient when teflon or equal pipe thread sealing compound is used.

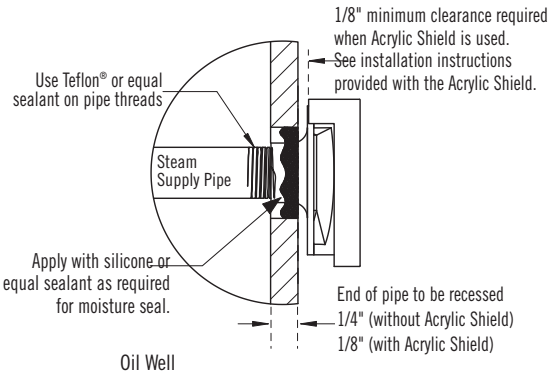
IMPORTANT NOTE: to preserve steam head finish, do not use wrench or other tools to tighten. DO NOT use abrasive cleansers or chemicals. Use only water with mild soap and a non-abrasive sponge.

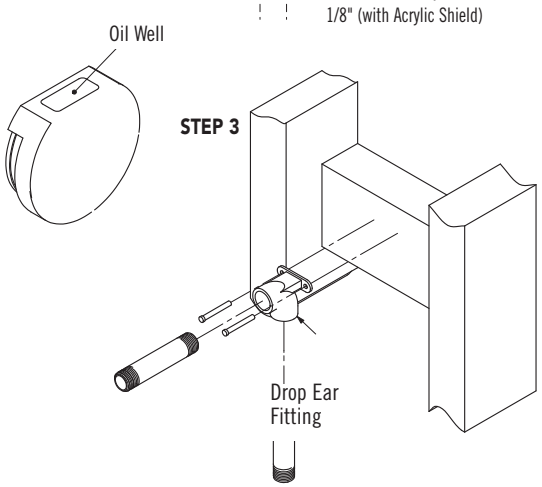
CAUTION Consult with supplier of acrylic, fiberglass and other non-heat resistant enclosures for recommended steamhead location. Use Acrylic Shield part number MS-103938. See instructions provided with steam shield.

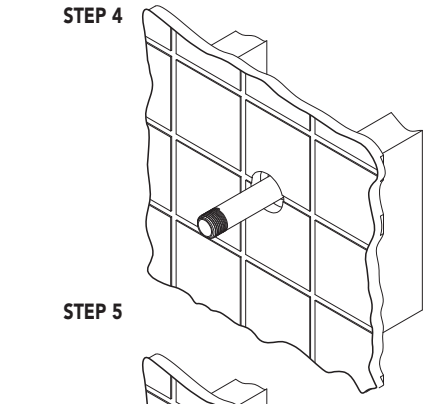
STEP 3 Secure a bronze drop ear fitting to a header and run a 1/2" copper steamline from the steam generator to the drop ear fitting. Install a temporary nipple (6" or longer)in the drop ear fitting to locate the steamhead after the wall is finished.

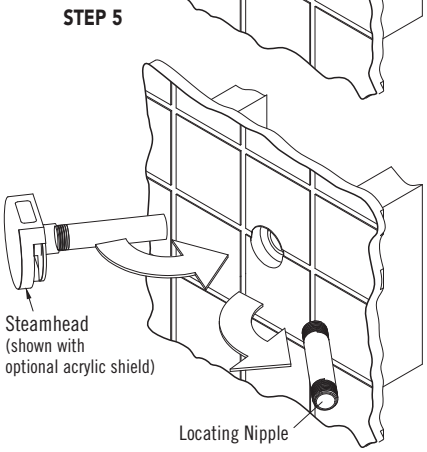
STEP 4 After the wall has been finished, mark on the nipple where the surface of the wall is. Remove the nipple and measure the portion that was in the wall (the end to your mark). Subtract ¼" from that dimension and select a brass nipple of that length to finish the installation.

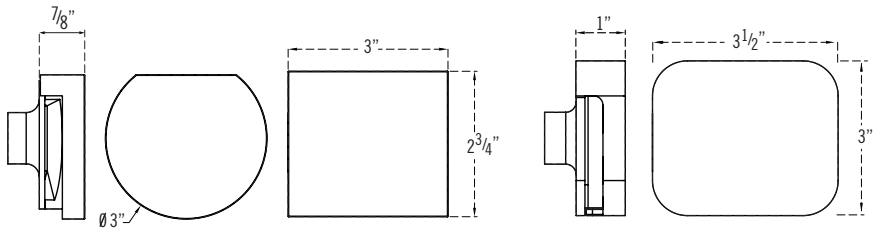
STEP 5 Wrap teflon tape around the threads of the new nipple and screw the nipple into the steamhead. Do not use wrenches or tools which would damage the steamhead's finish. Wrap teflon tape around the threads of the nipple and screw the nipple and steamhead assembly you just made into the drop ear fitting in the wall. The steamhead should be flush with the wall and the well must be facing up.











All drawings are for illustrative purposes only

mr.steam® Sussman-Automatic Corp® hello@mrsteam.com www.mrsteam.com
43-20 34th Street, Long Island City, NY 11101 tel: 1 800 76 STEAM fax: 718 472 3256
9410 S. La Cienega Blvd. Inglewood CA 90301 tel: 1 800 72 STEAM fax: 310 216 2944

PUR 100421 10.15

SteamLinx INSTALLATION INSTRUCTIONS

SteamLinx Module and Mobile App allows for seamless control of time and temperature using your smart phone or mobile device. SteamLinx works with all MrSteam controls (for MS generators SN 1174000 and up).

These instructions contain safety alert symbols and panels. These alert symbols and panels identify potential safety hazards and provide important information for the installation and use of SteamLinx.

Read the Installation, Operation and Maintenance Manual for Steambath Generator Systems (PUR100472) before installation of SteamLinx to insure safety and proper installation of the steam Generator. A free replacement manual is available by calling MrSteam Customer Service, or it can be downloaded from mrsteam.com

All drawings for schematic purposes only.

Package Contents:

- SteamLinx A with Integral Cable
- SteamLinx B and Ethernet Cable
- Power Supply and Cable
- Instructions

⚠ WARNING Indicates a potentially hazardous situation, which, if not avoided, may 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.

NOTICE is used to address practices not related to physical injury.

1 Connecting SteamLinx A to the Steam Generator

- Disconnect power to the generator at the breaker box.
- Locate the SteamLinx A (with the integral cable).

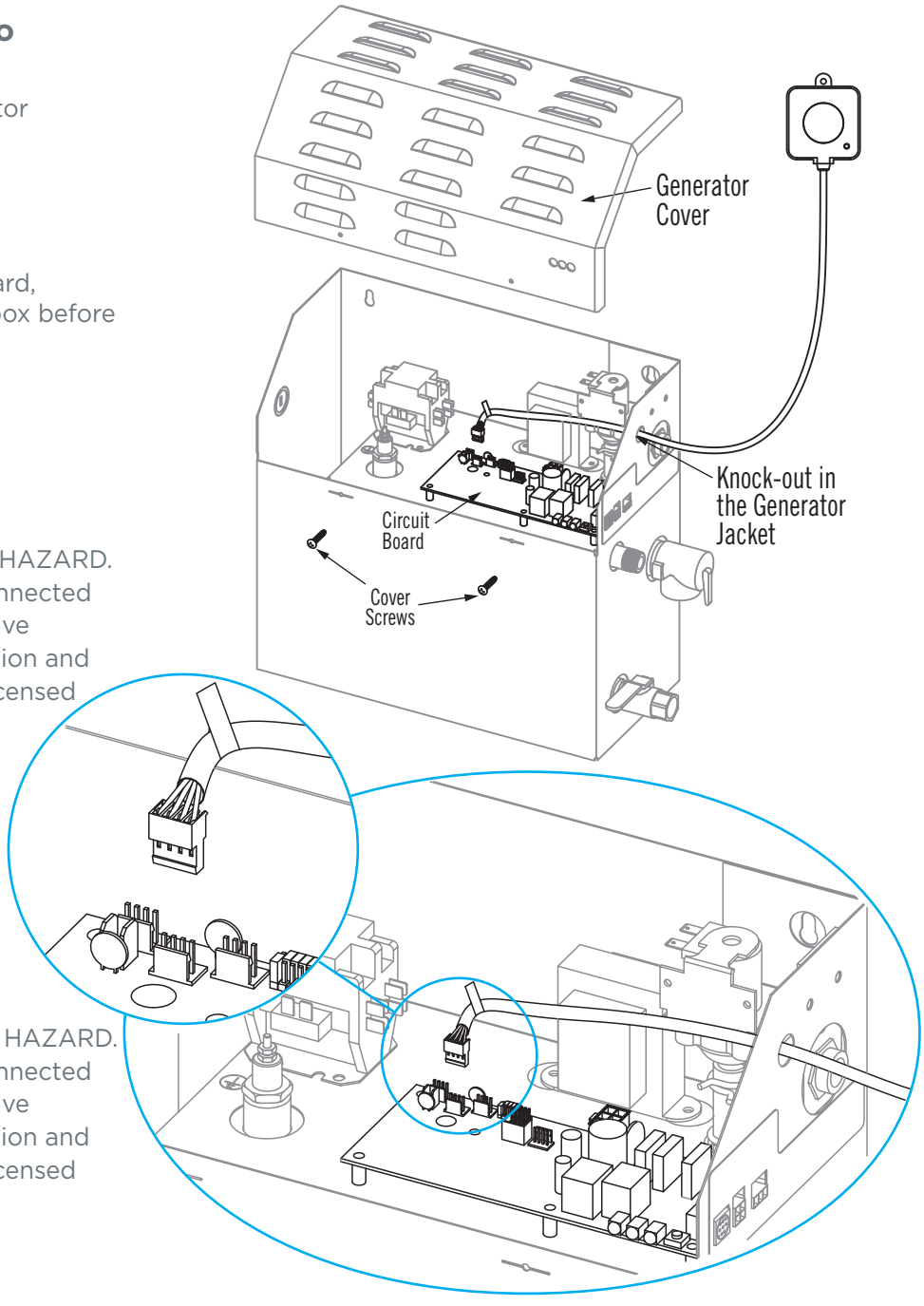
⚠ WARNING To prevent shock hazard, disconnect power at the breaker box before removing generator cover

- Remove knock-out.
- Remove generator cover.
- Route the SteamLinx A cable through the knockout

⚠ WARNING ELECTRICAL SHOCK HAZARD. MrSteam steam generators are connected to 240V line voltage and contain live electrical components. All installation and service must be performed by a licensed and qualified electrician.

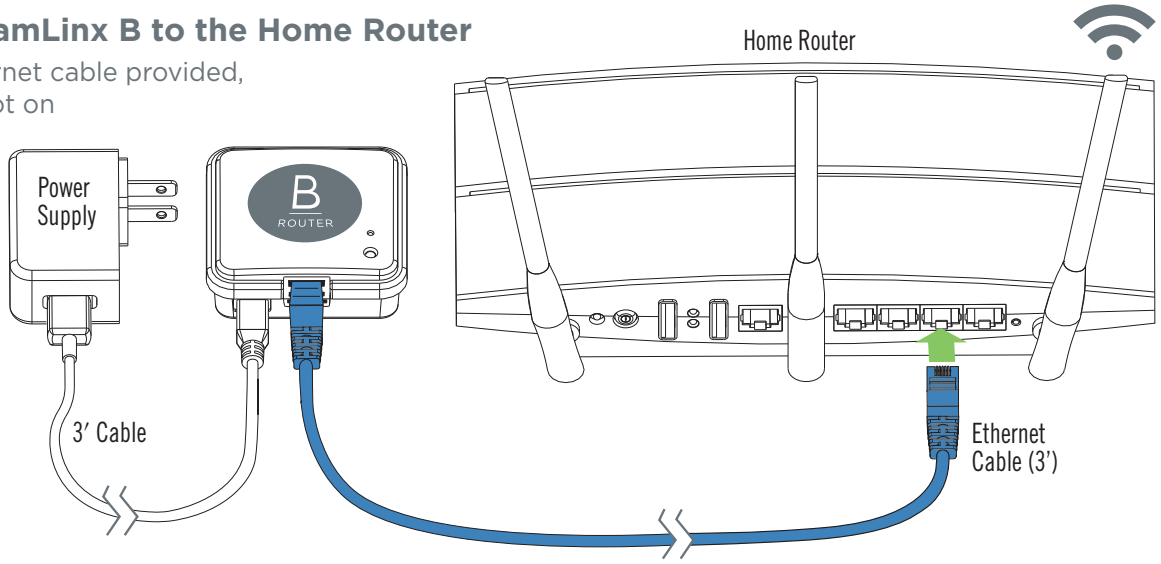
- Locate the circuit board.
- Plug the SteamLinx A into the white connector located at the far left side of the circuit board.
- Replace cover and screws.
- Restore power.

⚠ WARNING ELECTRICAL SHOCK HAZARD. MrSteam steam generators are connected to 240V line voltage and contain live electrical components. All installation and service must be performed by a licensed and qualified electrician.



2 Connecting SteamLinx B to the Home Router

- Plug the blue ethernet cable provided, into an ethernet slot on the back of the home router.
- Plug the power supply into a 120V outlet.



3 Connecting SteamLinx to the Internet

- Insure the mobile device is on the WiFi network.
- Download the SteamLinx App from the Apple Store or Google Play by following prompts.

4 Troubleshooting: Blinking LED

Units are out of range or not paired

- Turn breaker off.
- Insure SteamLinx A is connected to the steam generator.
- Use a paperclip or similar blunt end object to press the reset button (above the LED) on SteamLinx B.
- The LED will flash yellow (it stays in pairing mode until it is paired or powered off).
- Turn the breaker to the steam generator ON, if the two transmitters are functioning correctly and within range the LEDs will turn blue.
- If the Blue, Green or Red LEDs are blinking the units are not pairing because they are out of range. Using an extension cord for power, move the SteamLinx B closer to SteamLinx A. Disconnect the ethernet cable (the router connection is not required for this test). If the LEDs stop blinking this confirms the units were out of range.

Troubleshooting: Indicator Lights

LEDs

Yellow	Blinking units are in pairing mode.
Red	Router not detected: problem with connections, router configuration or steam generator circuit board.
Green	SteamLinx B: router is detected but is not connecting to the internet. The indicator light on SteamLinx A will not be illuminated.
Blue	Units are connected correctly.

5 Tech Service Contact

CUSTOMER and TECH SUPPORT

Web: Visit mrsteam.com for additional informaton including product specifications, locating a device, sizing calculator, technical downloads and other resources.

Call: Mon.– Fri.: 8 am - 7 pm
East Coast: 1.800.767 STEAM (8326)
West Coast: 1.800.727 STEAM (8326)
Worldwide: 1.718.937.4500

6 Warranty

To view or download the SteamLinx warranty and register, go to **blog.mrsteam.com/wr**

Installation, Operation and Maintenance Manual

AudioSteam®

mr.steam® | Feel Good Inc.®

IMPORTANT SAFETY INFORMATION

READ ME FIRST:

1. Read and follow all instructions within this technical manual.
2. Heed all warnings, cautions, notices, and important notes.
3. Save this technical manual and leave with the homeowner.

ABOUT WARNINGS, CAUTIONS, NOTICES, AND IMPORTANT NOTES:

As you follow the instructions in this technical manual, you will see four types of callouts: **WARNINGS**, **CAUTIONS**, **NOTICES**, and **IMPORTANT NOTES**. This blocked information is important for the safe and efficient installation, maintenance, and operation of the AudioSteam. These callouts are described as follows:

⚠ WARNING

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

⚠ CAUTION

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

NOTICE

Indicates a situation, which, if not avoided, may result in property damage.

IMPORTANT NOTE

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

SAFETY INSTRUCTIONS:

To prevent personal injury and or product damage, please read the following important safety instructions carefully before installing the AudioSteam:

- Do not install the AudioSteam near any heat sources.
- Clearance and minimum distance between the AudioSteam and the surrounding structure are not specified as long as they are sufficient so that the ambient temperature around the apparatus does not exceed 140 °F (60 °C).
- Do not defeat the safety purpose of the polarized and/or grounding type plug. A polarized plug has two blades, with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and at the point where the cord exits from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- All servicing to be performed by qualified service personnel. Servicing is required when the AudioSteam is damaged in any way, including when the power-supply cord or plug is damaged, liquid is spilled into or objects fall into the AudioSteam, AudioSteam is exposed to rain or moisture, the AudioSteam does not operate normally, or the AudioSteam dropped.
- Do not disassemble or alter the AudioSteam in any way.
- Clean the AudioSteam with a dry cloth only. Beware of the application of some products commonly used against corrosion (such as WD-40® family products), as some industrial oils can have negative chemical reactions and damage the housing materials of the AudioSteam. Any other materials that may come in contact with the AudioSteam must be carefully evaluated under end-use conditions for compatibility.

⚠ WARNING

These instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing, other than that contained in these instructions.

NOTE: *All information in this technical manual is based on the latest product information available at the time of publication. Sussman-Automatic Corporation reserves the right to make changes at any time without notice.*

IMPORTANT SAFETY INFORMATION (cont.)

⚠ WARNING

Before installing or connecting the AudioSteam, please read the following:

- To prevent a shock hazard, do not disassemble or alter the AudioSteam.
- To prevent overtemperature shutoff and equipment damage, do not use foam to insulate the AudioSteam.
- To prevent a shock hazard, turn power off before servicing or changing any cable connections in the AudioSteam.
- To prevent electric shock hazard and/or water damage to the AudioSteam, all conduits must be plugged with the included foam blocks.
- To prevent a shock hazard do not install the AudioSteam in a location where it can get wet. Audiosteam must be installed in a dry, indoor location.
- AudioSteam must be disposed of separately in accordance with local waste disposal legislation.

⚠ WARNING

- Risk of electric shock. Do not leave compartment door open.
- Risk of electric shock. Replace components only with identical components.
- Prevent electrocution. Do not connect any auxiliary components (for example cable, additional speakers, headphones, additional audio/video components, etc.) to the system.
- These units are not provided or intended to be connected to an outdoor antennae; to prevent electrocution only use the supplied antennae and install it in accordance with these instructions.
- Opening or removing covers may expose you to dangerous voltage or other risk of injury. All servicing to be performed by qualified service personnel.
- When the power supply connections or power supply cord(s) are damaged; if water is entering the audio/video compartment or any electrical equipment compartment area; if the protective shields or barriers are showing signs of deterioration; or if there are signs of other potential damage to the unit, turn off the unit and refer servicing to a qualified service personnel.
- This unit should be subjected to periodic routine maintenance (for example, once every 3 months) to make sure that the unit is operating properly.
- Product must be disposed of separately in accordance with local waste disposal legislation.

TABLE OF CONTENTS

INSTALLER INSTRUCTIONS

1. **General information 5**
   - Box Contents 5
   - AudioSteam^{J2} General installation 5-6
2. **Installing AudioSteam 7**
   - AudioSteam Dimensions 7
   - Locating and Installing AudioSteam 7
3. **Connecting AudioSteam 8**
   - Connecting AudioSteam 8
   - Removing the AudioSteam Cover 8
   - Connecting the FM Antenna and Auxiliary Cord 9
   - Connecting Speakers and Subwoofer 9
   - Connecting AudioSteam to the Steam Generator 10
   - Pairing a Bluetooth-Enabled Device 11
4. **AudioSteam Specifications 12**
5. **Regulatory Statements 13**

HOMEOWNER/END-USER INSTRUCTIONS

6. **About AudioSteam 14**
7. **Operating AudioSteam 14-15**
8. **AudioSteam Warranty 15**

mr.steam®
Sussman-Automatic Corporation® • www.mrsteam.com • hello@mrsteam.com
43-20 34th Street, Long Island City NY 11101 1 800 76 STEAM FAX: 718 472 3256
9410 S. La Cienega Blvd., Inglewood CA 90301 1 800 72 STEAM FAX: 310 216 2944

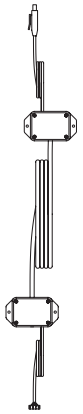
INSTALLER INSTRUCTIONS

1. General Information

Box Contents

AudioSteam

FM antenna



Control cable

AudioSteam General Installation

Figure 1 shows how the AudioSteam interconnects with the steam generator, iSteam3, and audio speakers.

Figure 2 shows how to use the AudioSteam as a standalone system within your steam room (i.e., if your steam room does not use iSteam3).

IMPORTANT NOTE

AudioSteam only integrates with iSteam3.

All drawings are for illustrative purposes only.

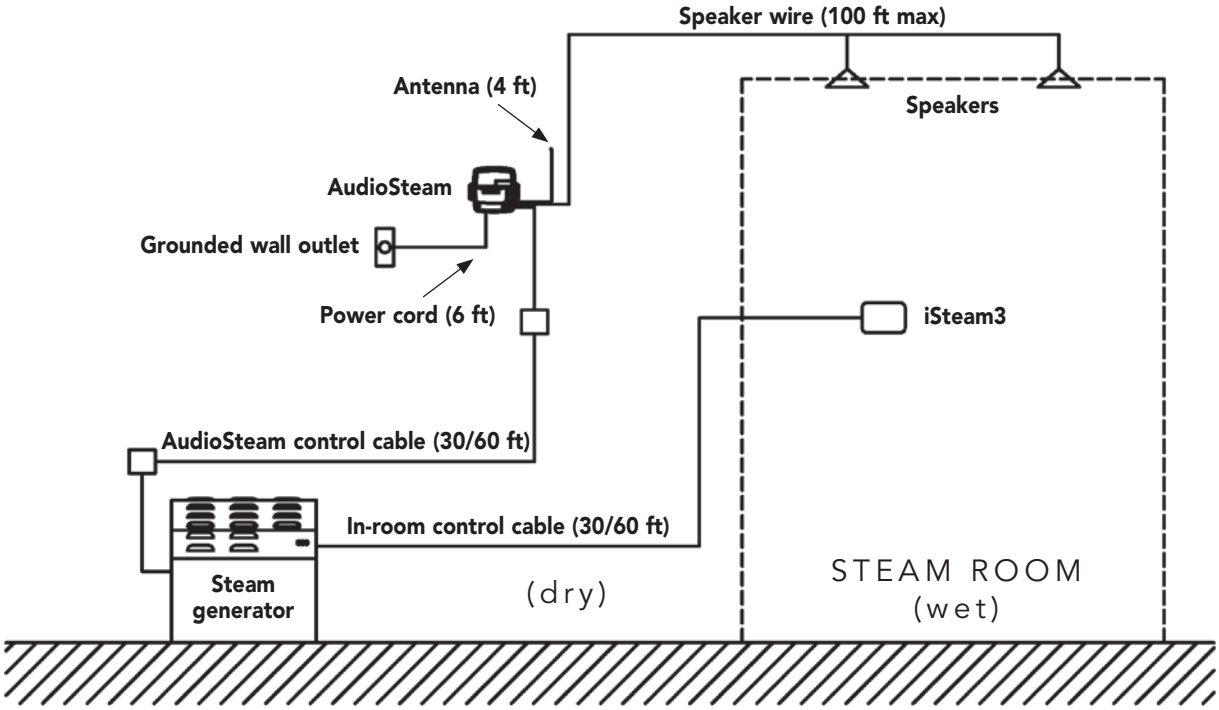


Figure 1

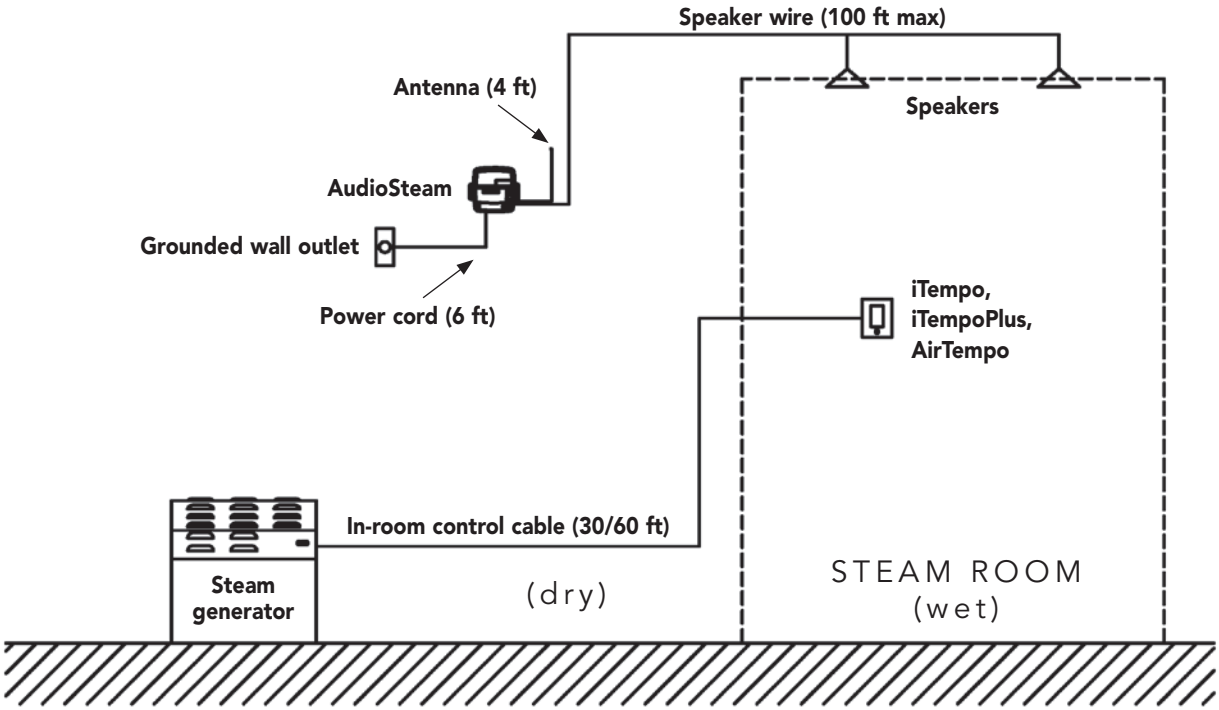


Figure 2

All drawings are for illustrative purposes only.

2. Installing AudioSteam

AudioSteam Dimensions

Figure 3 shows the face-on dimensions of AudioSteam.

Figure 4 shows the side-view dimensions of AudioSteam.

> **⚠ WARNING**
>
> **Shock hazard.** Do not place the control box in a location where it can get wet.

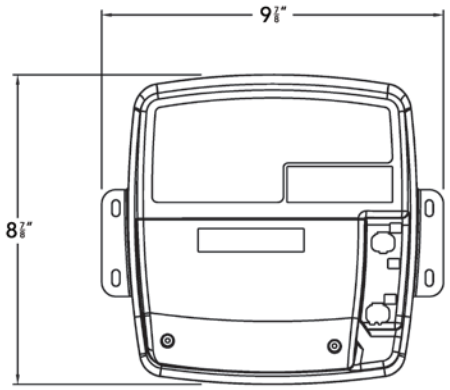


Figure 3

Locating and Installing AudioSteam

To prevent water from getting inside the device, AudioSteam should be mounted on two stable vertical surfaces (e.g., studs) as shown in **Figure 5**.

Using screws and washers, firmly attach AudioSteam using the upper mounting holes, one at a time, on each side of the unit. Repeat the process for the lower mounting holes (**Figure 5**).

> ***NOTICE***
>
> A clearance of at least 0.75" (19 mm) is required to ensure free heat circulation at the back of the unit.

Figure 4

IMPORTANT NOTES

1. The following materials (not included) are recommended to install AudioSteam:
   - Four #10 screws of appropriate length with round, truss, or pan head.
   - Four washers with 0.5" outer diameter x 0.0625" thickness (12 mm outer diameter x 1.5 mm thickness).
2. To prevent overtemperature shutoff and equipment damage, do not use foil insulation in front of AudioSteam.
3. Place AudioSteam far from any electrical noise source, such as variable speed controls and motors, to prevent interference that will affect audio quality.
4. In the event of an overtemperature condition, AudioSteam automatically reduces the volume to protect the amplifier from damage.
5. To prevent overtemperature shutoff, do not locate in an attic or other location where ambient temperature may reach 140 °F (60 °C).

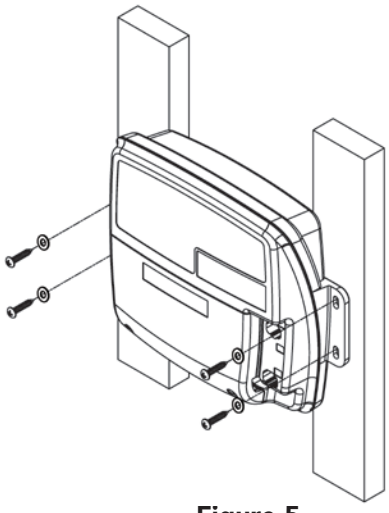


Figure 5

All drawings are for illustrative purposes only.

3. Connecting AudioSteam

Connecting AudioSteam

To connect AudioSteam to the steam generator, perform one or more of the following connections:

- Connect the FM antenna (included) and auxiliary cord to AudioSteam.
- Connect speakers and subwoofer to AudioSteam with speaker wire.
- Connect AudioSteam to the steam generator's motherboard or daughterboard with the AudioSteam control cord.
- Pair a Bluetooth-enabled device to AudioSteam.

⚠ WARNING

- To reduce the risk of electric shock, do not remove the screws on the back of AudioSteam. No user-serviceable parts inside. Refer servicing to qualified service personnel.
- To prevent electric shock, do not connect AudioSteam to main power supply while the cover is removed.
- AudioSteam does not come with speakers and speaker wiring. The connection between AudioSteam and the speakers must be "Class 2 Wiring" and installed by qualified personnel.

Removing the AudioSteam Cover

To remove the AudioSteam cover:

1. Using a Phillips-head screwdriver, remove the two cover screws from the front of the AudioSteam (**Figure 6**), and remove the cover from the unit.
2. Connect the outputs of AudioSteam as shown in **Figure 7**.
3. Remove the two foam block inserts from the inner wiring channels and set aside (**Figure 8**).

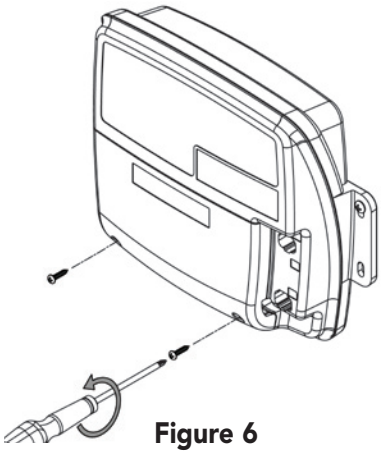


Figure 6

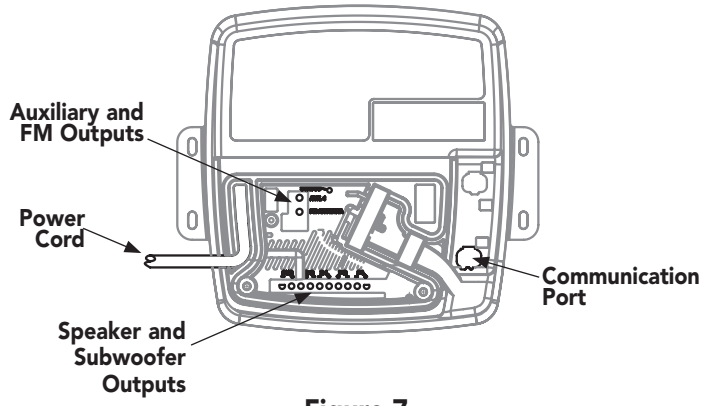


Figure 7

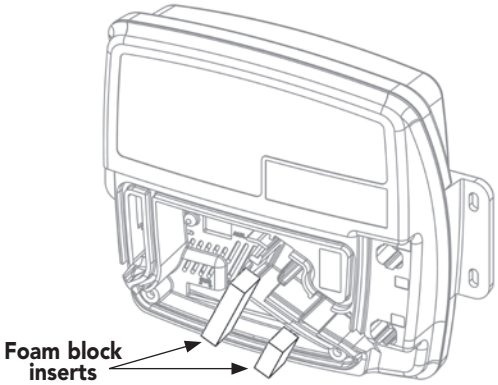


Figure 8

All drawings are for illustrative purposes only.

Connecting the FM Antenna and Auxiliary Cord

1. Plug the included FM antenna into the antenna output and route the wire through the strain relief channel as illustrated (**Figure 9**). For best reception, fully deploy the antenna in a vertical orientation outside of the AudioSteam housing.
2. Connect a 1/8" (3.5 mm) stereo audio cord (not included) to the auxiliary output, and route the cable through the strain relief channel as illustrated (**Figure 9**). Connect the free end of the audio cord to a mobile device or digital music player.

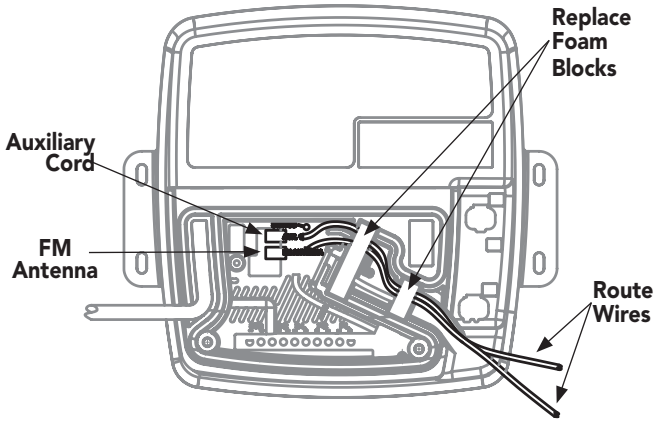


Figure 9

Connecting Speakers and Subwoofer

1. Connect individual speaker wires — or a 10-pin MATE-N-LOK adapter with attached wires — to the speaker outputs. Refer to **Figure 10** and **Figure 11** for connector identification.

> **IMPORTANT NOTES**
>
> - If you use individual speaker wires, the recommended socket crimping contact is an AWG 14-20 (TE Connectivity part number 350550-3).
> - If you use a 10-pin MATE-N-LOK adapter with attached wires, the required housing connector is a 10-position Universal MATE-N-LOK (TE Connectivity part number 926302-3).

2. Route the wires through the molded relief channel. Connect the speaker wires to suitable speakers and subwoofer.
3. Replace the foam block inserts (**Figure 9**).
4. Secure the cover using the two cover screws.

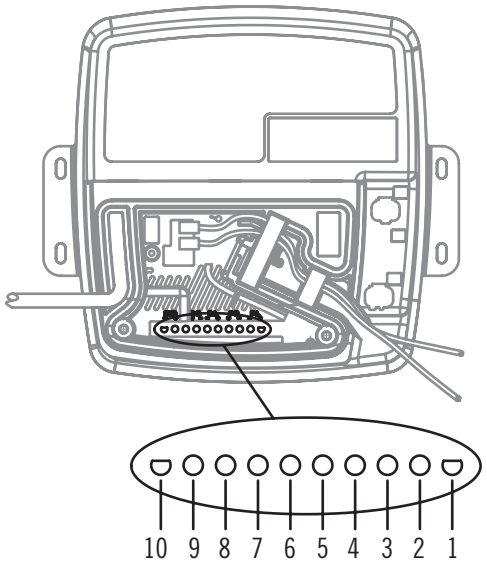


Figure 10

CONNECTION	IDENTIFICATION	COLOR
1	Front Left speaker (+)	White
2	Front Left speaker (-)	White/Black
3	Front Right speaker (-)	Grey/Black
4	Front Right speaker (+)	Grey
5	Rear Left speaker (+)	Green
6	Rear Left speaker (-)	Green/Black
7	Rear Right speaker (-)	Purple/Black
8	Rear Right speaker (+)	Purple
9	Subwoofer (+)	Blue
10	Subwoofer (-)	Blue/Black

AudioHome only uses positions 1, 2, 3 & 4

Figure 11

All drawings are for illustrative purposes only.

Connecting AudioSteam to the Steam Generator

To operate the AudioSteam via iSteam3, you must connect the AudioSteam (**Figure 12**) to an internal connector in the steam generator.

⚠ WARNING

Shock hazard. Power must be disconnected at the main electrical supply before removing the steam generator cover. For information about the steam generator, refer to the installation, operation, and maintenance manual supplied with the steam generator (also found at **www.mrsteam.com/technical**).

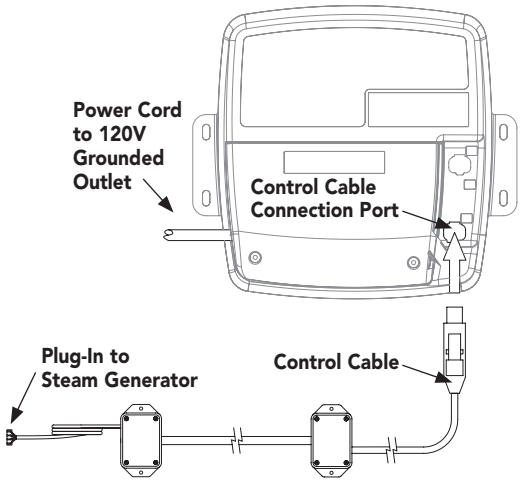


Figure 12

1. Remove the steam generator cover, and remove knockout on steam generator.
2. Plug the control cable into the AudioSteam as shown.
3. Connect the control cable directly to the steam generator's circuit board (**A** in **Figure 13**), **OR** if an additional accessory is installed in the steam generator, connect the control cable to the supplied daughterboard (**B** in **Figure 13**).
4. Plug the AudioSteam power cord into a 120V grounded electrical outlet.

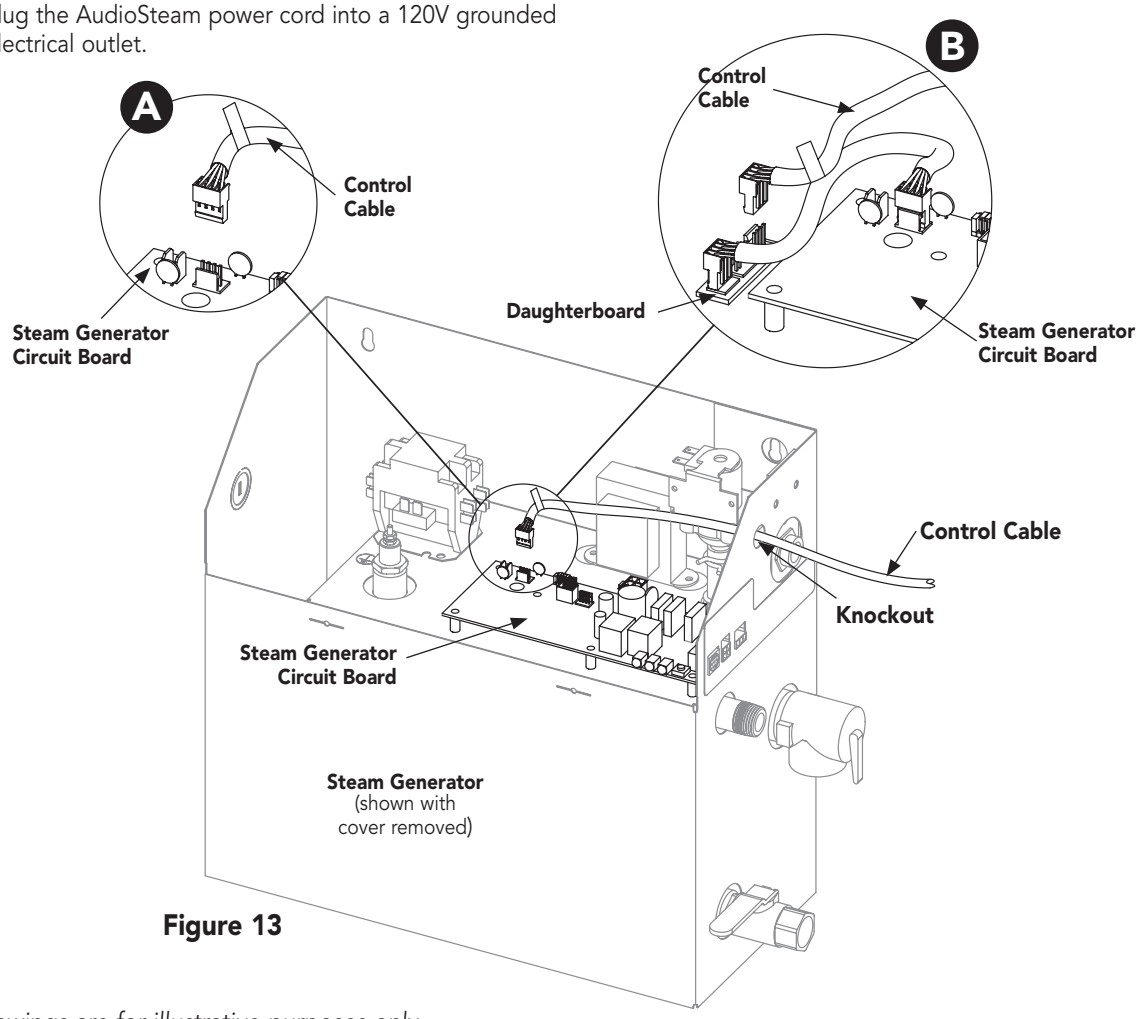


Figure 13

All drawings are for illustrative purposes only.

Pairing a Bluetooth-Enabled Device

Before playing a Bluetooth-enabled device via iSteam3 (see "Operating AudioSteam" on Page 17), you must pair your device to AudioSteam.

To pair a Bluetooth-enabled device to AudioSteam:

1. Ensure that the mobile device is in range of AudioSteam, and that it is powered on and Bluetooth is turned on.
2. Open the Bluetooth settings on your device.
3. Select **AudioSteam** in the list of discoverable Bluetooth devices.
4. When prompted, enter the following passcode: **5555**.
5. Once the pairing is complete, select **AudioSteam** on your mobile device to connect to AudioSteam.

IMPORTANT NOTES

- If the device moves out of range and loses connection, it should reconnect automatically with AudioSteam (without having to go through the pairing process again) when moved within range.
- AudioSteam will store up to eight devices in its memory. If one of the last three paired devices is in range and has Bluetooth turned on, it will automatically connect to AudioSteam.
- If multiple devices are within range and have already been paired with AudioSteam, priority will be given to the device that was first detected in the AudioSteam memory.

All drawings are for illustrative purposes only.

4. AudioSteam Specifications

ENVIRONMENTAL RATINGS	
Operating temperature:	-4 °F (-20 °C) to 140 °F (60 °C)
Storage temperature:	-22 °F (-30 °C) to 185 °F (85 °C)
Humidity:	70% max
Water resistance:	IPX5

MECHANICAL	
Weight:	3.6 lb (1.64 Kg)
Dimensions (W x H x D):	9.81" x 2.58" x 8.88" (249 mm x 65 mm x 226 mm)

LINE INPUT	
Input voltage:	100-240VAC 50/60Hz

AUDIO OUTPUTS	
Maximum number of speakers:	4
Maximum number of subwoofer:	1
Audio amplifier type:	Class D
Output power (speaker output):	25 WRMS , 50 W peak
Output power (subwoofer):	50 WRMS , 100 W peak
Output impedance (speaker):	4-8 Ohms
Output impedance (subwoofer):	2-4 Ohms
Harmonic distortion (speaker):	0.015% at 1 W (1 KHz)
Harmonic distortion (subwoofer):	0.015% at 1 W (100 Hz)
Frequency response (speaker):	5 Hz to 20 KHz F
Frequency response(subwoofer):	10 Hz to 200 Hz

AUXILIARY INPUTS	
Maximum number of inputs:	1
Connection type:	1/8" (3.5 mm) stereo jack
Maximum voltage:	2.2 Vpp
Impedance:	100 Kohms

FM RECEIVER	
Frequency band:	87.5 MHz to 107.9 MHz
RF sensitivity:	2.2 µV
Harmonic distortion:	0.1% à 1 KHz
Frequency response:	30Hz à 15 KHz
FM decoder:	Stereo Multiplex
Antenna type:	1 m (39") cable
Antenna connector:	1/8" (3.5 mm) stereo jack

BLUETOOTH RECEIVER	
Frequency band:	2400 MHz to 2483.5 MHz
Transmit power:	Class 2, 4 dBm
Bluetooth version:	Bluetooth v4.1
Antenna type:	Modular integrated
Profiles supported:	A2DP, AVRCP

USB PLAYER	
Compatibility:	USB 1.1, 2.0 and 3.0
File format support:	MP3 (files on the root)
Disk size:	8GB to 32GB
Disk format:	FAT32
Cluster size:	4 Ko to 32 Ko
Connector type:	USB type A

APPLICABLE STANDARDS
UL 60065
CAN/CSA-C22.2 No. 60065-03
EN 60065
AS/NZS 60065

AudioSteam is compliant with the Radio Equipment Directive (RED)

Enclosure/Boîtier: CSA Type 2 Enclosure/Boîtier: IPX5

5. Regulatory Statements

FCC Compliance Statement

Contains Transmitter Module FCC ID: A8TBM23SPKXYC2A

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note:
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

FCC RF Exposure Statement
The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

IC Compliance Statement

Contains transmitter module IC: 12246A-BM23SPKXYC2

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Caution: To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

RSS-102 RF Exposure Statement
This equipment complies with Industry Canada radiation exposure limits set forth for an uncontrolled environment.

6. About AudioSteam

AudioSteam offers you the perfect means to bring music into your steam room. AudioSteam is compatible with numerous audio sources:

- Connect to a mobile device or digital music player using the auxiliary audio input.
- Connect to a mobile device via Bluetooth.
- Tune in to an FM station using the AudioSteam's integrated FM receiver.

AudioSteam can connect to four speakers and one subwoofer.

AudioSteam lets you control music from the iSteam3 interface, or may be used as a standalone device.

IMPORTANT NOTES

- If a Bluetooth-connected device moves out of range and loses connection with AudioSteam, it should reconnect automatically with AudioSteam (without having to go through the pairing process again) when moved within range.
- AudioSteam will store up to eight devices in its memory. If one of the last three paired devices is in range and has Bluetooth turned on, it will automatically connect to AudioSteam.
- If multiple devices are within range and have already been paired with AudioSteam, priority will be given to the device that was first detected in the AudioSteam memory.

7. Operating AudioSteam

Using iSteam3, you can control your AudioSteam-connected mobile device or music player from within your steam room. Control your digital music player (e.g., Apple iPod), mobile device, or FM stations, all from the simple AudioSteam interface.

NOTICE

AudioSteam only interfaces with iSteam3.

IMPORTANT NOTES

- For complete instructions on operating the iSteam3, refer to the iSteam technical manual (see www.MrSteam.com).
- To control a Bluetooth-enabled device from iSteam3, you must first pair the device to the AudioSteam. See "Pairing a Bluetooth-enabled device" on page 12 for instructions.

7. Operating AudioSteam (cont.)

To Operate AudioSteam using iSteam3:

1. Boot iSteam3 and wait for the iSteam3 home screen to appear.
2. To turn on AudioSteam (**Figure 14**), tap the **MUSIC** icon (**A**), and then tap the **MUSIC** button (**B**).
3. Tap the **SETTINGS** icon (**A** in **Figure 15**).
4. A list of available playback devices will appear (**Figure 16**). Tap the desired device (**A**), and then tap the **PLAY** icon (**B**). To disconnect an active Bluetooth device, tap the **DISCONNECT** button (**C**).
5. To control FM radio (**Figure 17**):
   a. Slide the **VOLUME CONTROL** left or right to control volume (**A**).
   b. Tap the **MUTE** button to mute all sound (**B**).
   c. Tap the **FORWARD** and **BACK** buttons (**C** and **D**) to scan FM stations.
6. To control an auxiliary-connected or Bluetooth-connected device (**Figure 18**):
   a. Slide the **VOLUME CONTROL** left or right to control volume (**A**).
   b. Tap the **MUTE** button to mute all sound (**B**).
   c. Tap the **FORWARD** and **BACK** buttons (**C** and **E**) to select a track in the device's playlist.
   d. Tap the **PLAY** button (**D**) to play or pause the track.
7. To turn off AudioSteam (**Figure 19**), tap the **POWER** icon (**A**), and then tap the **MUSIC** button (**B**).

Figure 14

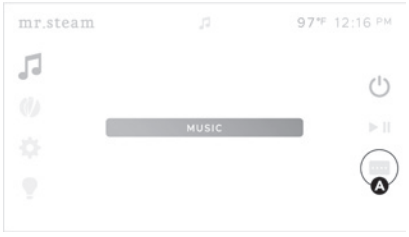


Figure 15

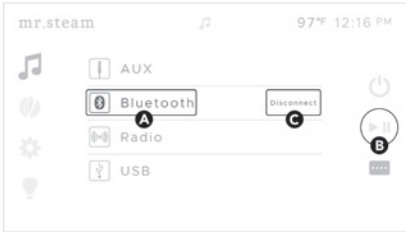


Figure 16

Figure 17

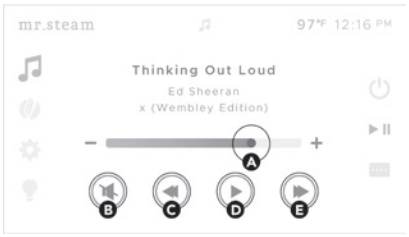


Figure 18

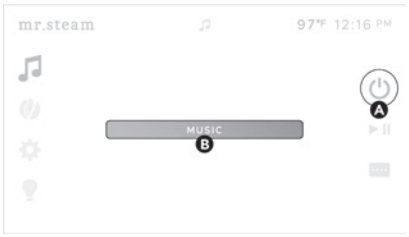


Figure 19

8. AudioSteam Warranty

To view or download the **MrSteam® Accessory Warranty** and register your product, go to: **blog.mrsteam.com/wr**

All drawings are for illustrative purposes only.

mr.steam®

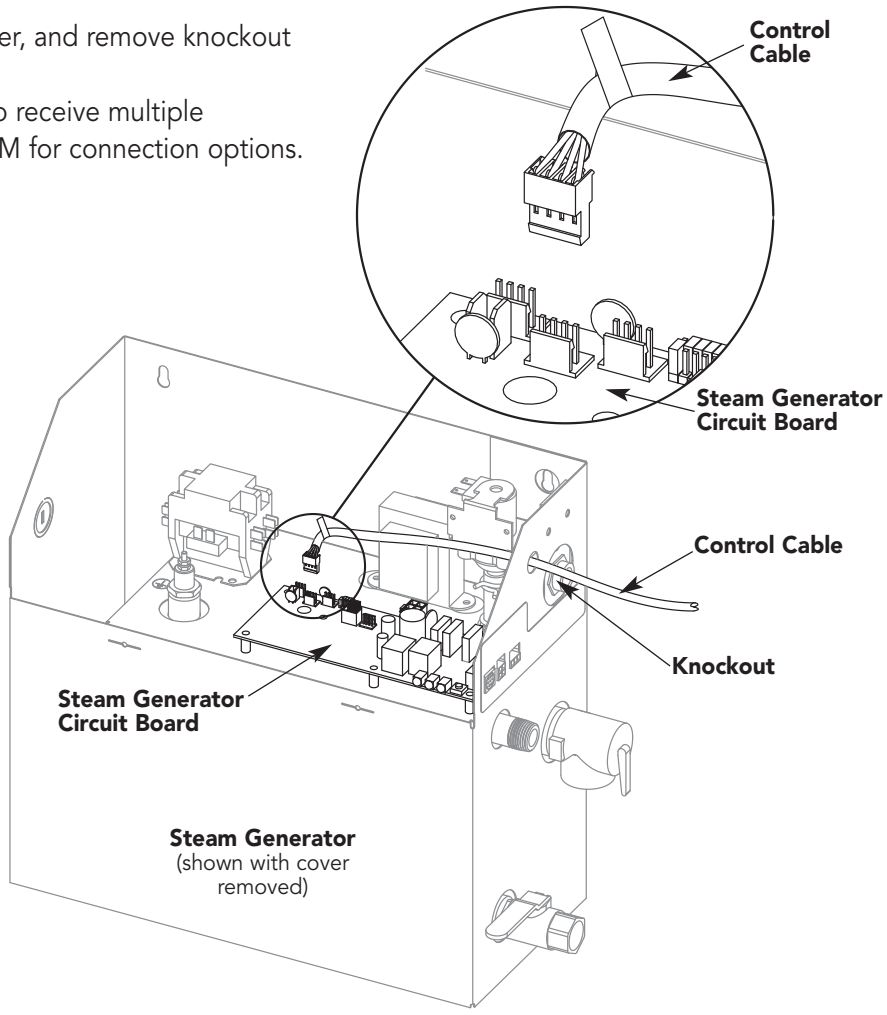
Connecting Multiple Accessories to the Steam Generator

To operate the SteamLinx, AudioSteam3 and ChromaSteam3 via iSteam3, you must connect the accessories to an internal connector in the steam generator.

⚠WARNING

Shock hazard. Power must be disconnected at the main electrical supply before removing the steam generator cover. For information about the steam generator, refer to the installation, operation, and maintenance manual supplied with the steam generator (also found at **www.mrsteam.com/technical)**.

1. Remove the steam generator cover, and remove knockout on steam generator.
2. If the circuit board is not set up to receive multiple connections see the accessory IOM for connection options.



mr.steam® Sussman-Automatic Corporation® hello@mrsteam.com www.mrsteam.com
43-20 34th Street, Long Island City, NY 11101 TEL: 1 800 76 STEAM
9410 S. La Cienega Blvd. Inglewood CA 90301 TEL: 1 800 72 STEAM

mr.steam®

Feel Good Inc.®

www.mrsteam.com

Products, information and specifications are subject to change without notice.
Call Sales & Support at 1 800 76 STEAM (East Coast) or 1 800 72 STEAM (West Coast) for more information.

---

mr.steam® Sussman-Automatic Corporation® • www.mrsteam.com • hello@mrsteam.com

43-20 34th Street, Long Island City NY 11101
TEL: 1 800 76 STEAM FAX: 718 472 3256

9410 S. La Cienega Blvd., Inglewood CA 90301
TEL: 1 800 72 STEAM FAX: 310 216 2944

Copyright © 2017 Sussman-Automatic Corporation I MrSteam and des., A Lifetime of Pleasure, AirTempo, AromaFlo, AudioSteam, AudioWizard, AutoFlush, AutoSteam, Butler Package, ChromaSteam, Clean Steam...Every Time, Club Therapy, Digital 1, Express Steam, Feel Good Inc., From Bathroom to Spa, HomeWizard, iButler, iGenie, iSizing, iSteam, iTempo, iTempo/Plus, Making Wellness a Way of Life, MusicTherapy, SmartSizing, Spa Package, Steam Genie, Steam on Demand, Steam@Home, SteamStart, SteamStop, SteamTherapy, Sussman, Tala, The Intelligent Steambath, Valet Package, and Virtual Spa System are registered trademarks of Sussman-Automatic Corporation.

PUR 100516 REV 1.18

mr.steam®

Square Speakers

INSTALLATION INSTRUCTIONS

Model MS-Speakers SQ

PACKAGE CONTENTS:

2 Speakers
1 Installation Instructions
2 Templates

SPEAKER RATINGS:

60 watt peak / 30 watt RMS / 8 ohm impedance

1. Cut a 5 13⁄16" x 5 13⁄16" hole to mount each speaker.

CAUTION All audio wiring shall be installed in accordance with National Electric Code and local electrical codes.

2. Connect the speaker wires from the stereo to the terminals of the speaker. The "+" terminal is identified by a "+" symbol and is larger than the "–".
3. Test speakers before securing to wall.
4. Remove the front grill of the speaker by gently rotating out any two opposite brackets by hand as shown in the installed view and pressing them down to pop the grill off. Return the brackets to the original position before installing speaker.

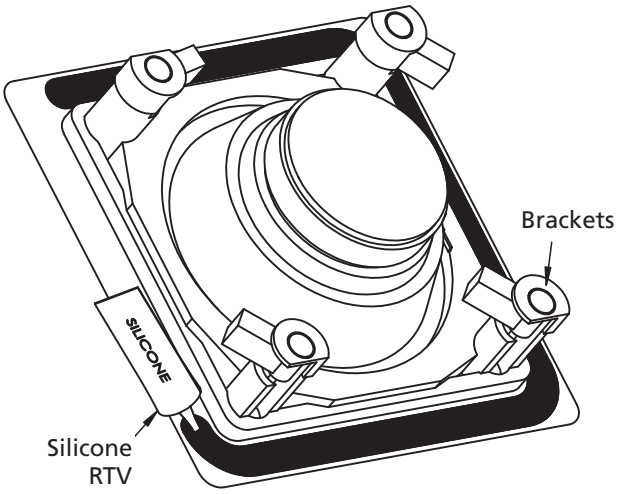
CAUTION Failure to engage mounting brackets correctly or improper installation may result in a falling object hazard.

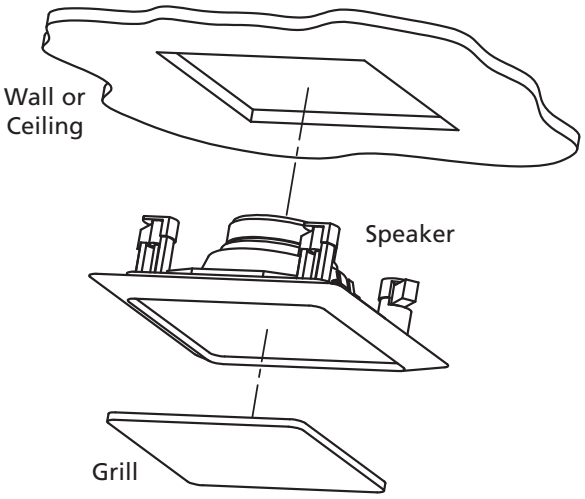
5. Apply a bead of silicone RTV (not supplied) around the edge of the speakers as shown in the diagram as required to obtain a watertight seal.
6. Fit the speaker into the speaker-mounting hole.
7. Secure the speaker in place using the integral mounting brackets. The mounting brackets will rotate out and tighten when the 4 large screws are turned clockwise.

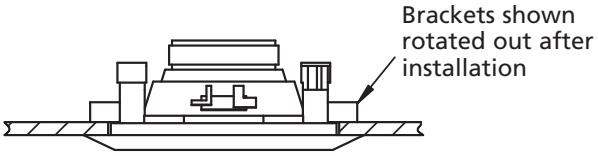
NOTE: DO NOT OVER TIGHTEN SCREWS.

8. Gently tug on speakers to ensure they are secure in the wall/ceiling.
9. Carefully replace the speaker grills by pressing them in place.
10. Let the silicone cure per manufacture's instructions before using steam room.

IMPORTANT: *Do not place speakers in contact with direct water or steam emission. Speakers may be installed in either walls or ceilings.*







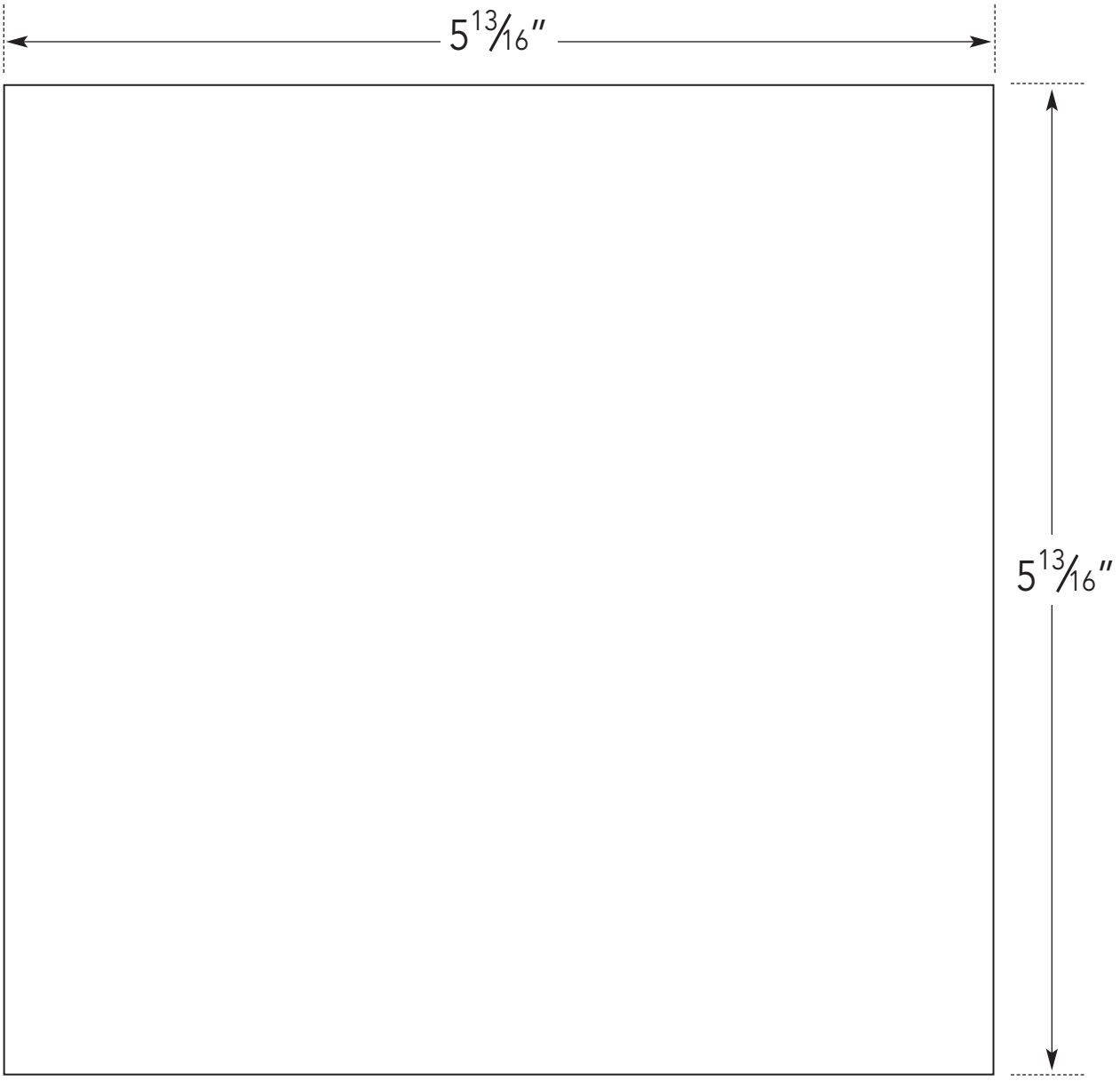
WARRANTY: To view or download the Mr. Steam Controls & Accessories Warranty and register your product go to: **blog.mrsteam.com/wr**

mr.steam® Sussman-Automatic Corp® hello@mrsteam.com www.mrsteam.com
43-20 34th Street, Long Island City, NY 11101 tel: 1 800 76 STEAM fax: 718 472 3256
9410 S. La Cienega Blvd. Inglewood CA 90301 tel: 1 800 72 STEAM fax: 310 216 2944

PUR 100401SQ 5.13

mr.steam®

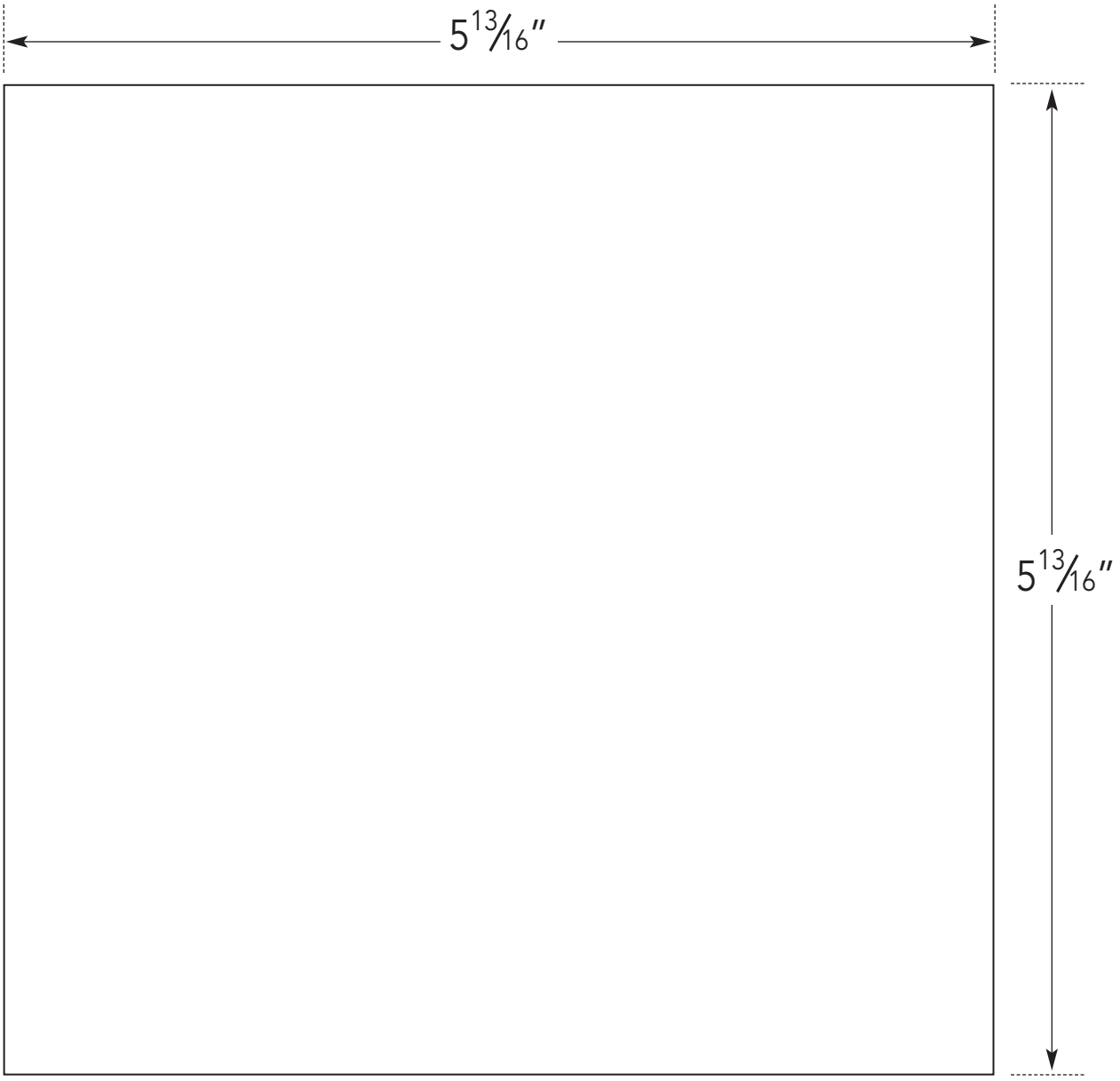
SQUARE SPEAKER TEMPLATE



mr.steam® Sussman-Automatic Corporation® • www.mrsteam.com • hello@mrsteam.com
43-20 34th Street, Long Island City, NY 11101 TEL: 1-800-76-STEAM FAX: (718) 472-3256
9410 S. La Cienega Blvd. Inglewood CA 90301 TEL: 1-800-72-STEAM FAX: (310) 216-2944

mr.steam®

SQUARE SPEAKER TEMPLATE



mr.steam® Sussman-Automatic Corporation® • www.mrsteam.com • hello@mrsteam.com
43-20 34th Street, Long Island City, NY 11101 TEL: 1-800-76-STEAM FAX: (718) 472-3256
9410 S. La Cienega Blvd. Inglewood CA 90301 TEL: 1-800-72-STEAM FAX: (310) 216-2944

Installation, Operation and Maintenance Manual

ChromaSteam3®

mr.steam® | Feel Good Inc.®

IMPORTANT SAFETY INFORMATION

READ ME FIRST:

1. Read and follow all instructions within this technical manual.
2. Heed all warnings, cautions, notices, and important notes.
3. Save this technical manual and leave with the homeowner.

ABOUT WARNINGS, CAUTIONS, NOTICES, AND IMPORTANT NOTES:

As you follow the instructions in this technical manual, you will see four types of callouts: **WARNINGS**, **CAUTIONS**, **NOTICES**, and **IMPORTANT NOTES**. This blocked information is important for the safe and efficient installation, operation, and maintenance of the ChromaSteam3. These callouts are described as follows:

⚠ WARNING

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

⚠ CAUTION

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

NOTICE

Indicates a situation, which, if not avoided, may result in property damage.

IMPORTANT NOTE

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

SAFETY INSTRUCTIONS:

To prevent personal injury and/or product damage, please read the following important safety instructions carefully before installing the ChromaSteam3:

- Do not install the ChromaSteam3 controller near any heat sources.
- Clearance and minimum distance between the various components of the ChromaSteam3 and the surrounding structure are not specified as long as they are sufficient so that the ambient temperature around the apparatus does not exceed 140 °F (60 °C).
- Do not defeat the safety purpose of the polarized and/or grounding type plug. A polarized plug has two blades, with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cords from being walked on or pinched, particularly at plugs, convenience receptacles, and at the point where the cords exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- All servicing to be performed by qualified service personnel. Servicing is required when the ChromaSteam3 is damaged in any way, including when the power-supply cord or plug is damaged, liquid is spilled into or objects fall into the controller, the controller is exposed to rain or moisture, the fixture or controller does not operate normally, or the fixture or controller is dropped.
- Do not disassemble or alter the ChromaSteam3 fixture or controller in any way.
- Clean the ChromaSteam3 fixture and controller with a dry cloth only. Beware of the application of some products commonly used against corrosion (such as WD-40® family products), as some industrial oils can have negative chemical reactions and damage the housing materials of the ChromaSteam3 fixture and controller. Any other materials that may come in contact with the ChromaSteam3 must be carefully evaluated under end-use conditions for compatibility.

⚠ WARNING

These instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing, other than that contained in these instructions.

NOTE: *All information in this technical manual is based on the latest product information available at the time of publication. Sussman-Automatic Corporation reserves the right to make changes at any time without notice.*

TABLE OF CONTENTS

INSTALLER INSTRUCTIONS

1. General information 4

Box contents 4

ChromaSteam3 general installation 5

2. Installing the ChromaSteam3 control box 6

Control box dimensions 6

Locating the control box 7

Installing the control box 7

3. Installing the ChromaSteam3 fixture 8

Fixture dimensions 8

Installing the junction box 9-10

Installing the fixture 11

4. Connecting the ChromaSteam3 fixture to the control box 12

5. Connecting the ChromaSteam3 control box to the steam generator 13

6. ChromaSteam3 specifications 14

HOMEOWNER/END-USER INSTRUCTIONS

7. About ChromaSteam3 15

8. Operating ChromaSteam3 15

9. ChromaSteam3 warranty 15

Sussman-Automatic Corporation® • www.mrsteam.com • hello@mrsteam.com

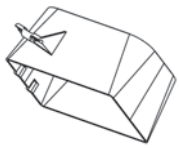
43-20 34th Street, Long Island City NY 11101 1 800 76 STEAM fax: 718 472 3256

9410 S. La Cienega Blvd., Inglewood CA 90301 1 800 72 STEAM fax: 310 216 2944

INSTALLER INSTRUCTIONS

1. General information

Box contents



Junction box

ChromaSteam3 fixture

30-foot ChromaSteam3 cable

ChromaSteam3 control box

About color-matching the connections between cables and accessories

In order to help ensure that MrSteam cables and accessories are connected correctly, all cable ends have been color-coded with flags (**Figure 1**), and all accessory connectors/ports have been color-coded with adhesive dots (**Figure 2**).

When connecting cables and accessory connectors, ensure that their respective flags and/or adhesive dots match in color.

Figure 3 shows the colors (purple, white, blue, red, and yellow) used between each ChromaSteam3 connection.

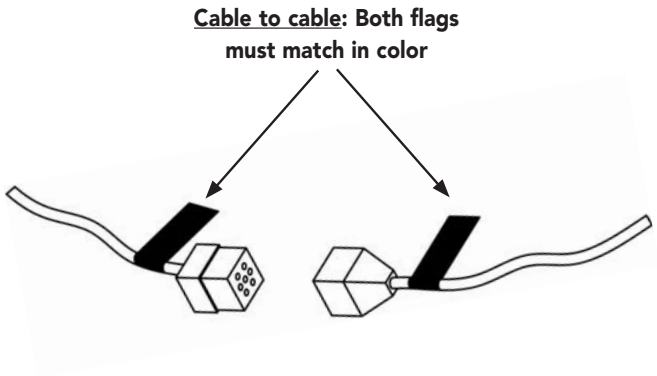


Figure 1

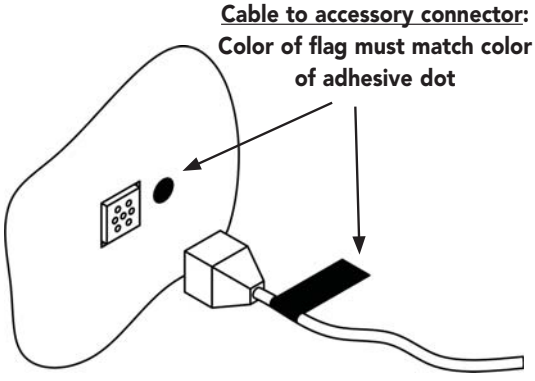


Figure 2

ChromaSteam3 general installation

Figure 3 shows how the ChromaSteam3 fixture and control box interconnect with each other, and with the steam generator and iSteam3.

IMPORTANT NOTES

- The included ChromaSteam3 control cable is 30 feet long. Ensure that the ChromaSteam3 fixture and control box are located accordingly. Contact MrSteam to purchase an optional 60-foot cable (Part No. 104268-60).
- The cord between the control box and steam generator is 5 feet long.
- ChromaSteam3 only works with iSteam3.

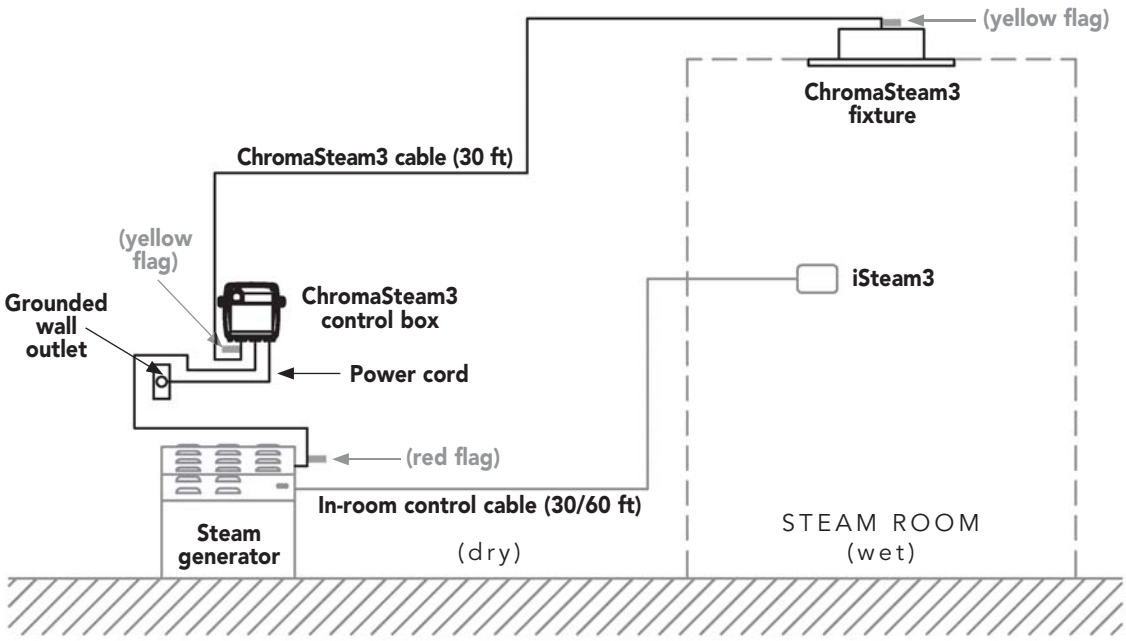


Figure 3

All drawings are for illustrative purposes only.

2. Installing the ChromaSteam3 control box

Control box dimensions

NOTICE

- To prevent product or property damage, do not expose control box to temperatures above 140 °F (60 °C). Do not locate control box in an attic or any location where ambient temperatures may exceed 140 °F (60 °C).
- Do not locate control box next to heat sources, such as hot air registers, air conditioner condensers, etc.
- The control box powers the ChromaSteam3 fixture with 5VDC 1.6A maximum.

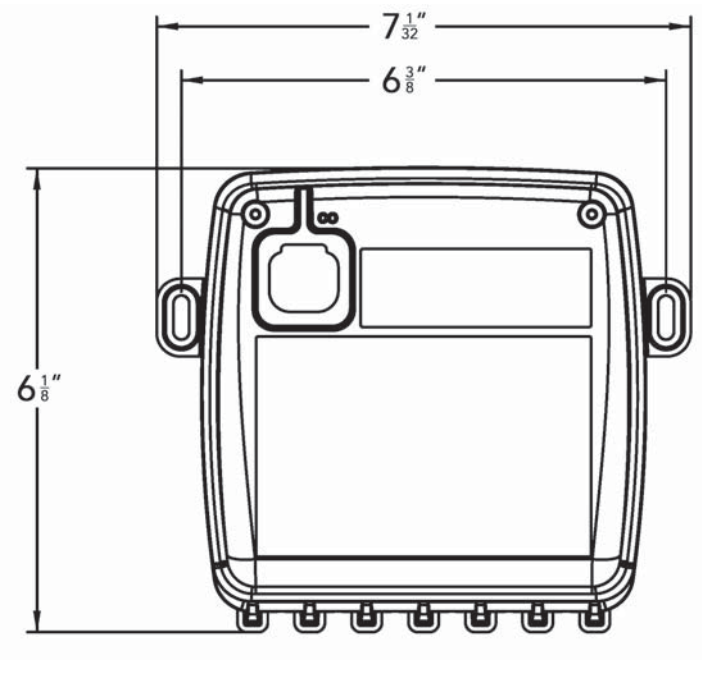


Figure 2

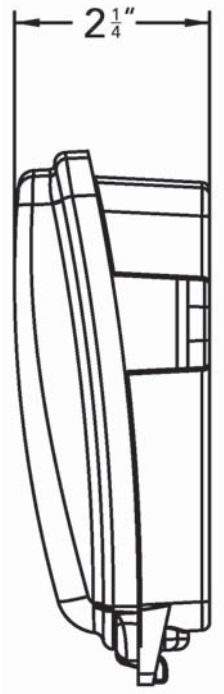


Figure 3

All drawings are for illustrative purposes only.

Locating the control box

Determine the desired location of the ChromaSteam3 control box outside the steam room in a dry location.

⚠ WARNING

Shock hazard. Do not place the control box in a location where it can get wet.

IMPORTANT NOTE

The ChromaSteam3 control cable is 30 feet long. Ensure that the ChromaSteam3 fixture and control box are located accordingly. Contact MrSteam to purchase an optional 60-foot cable (Part No. 104268-60).

Installing the control box

Using screws and washers, affix the control box to a stable vertical surface (e.g., stud) using the mounting holes on either side of the control box (**Figure 4**).

NOTICE

- The control box must be mounted in a vertical position as shown in **Figure 4** to allow proper heat dissipation. Failure to mount as shown may cause thermal protection shut off.
- To prevent product or property damage, do not expose control box to temperatures above 140 °F (60 °C). Do not locate control box in an attic or any location where ambient temperatures may exceed 140 °F (60 °C).
- In the event the control box requires servicing, ensure that it is installed in an accessible location.

IMPORTANT NOTE

The following materials (not included) are recommended to install the ChromaSteam3 control box:

- Two #10 screws of appropriate length with round, truss, or pan head.
- Two washers with 0.5" outer diameter x 0.0625" thickness (12 mm outer diameter x 1.5 mm thickness).

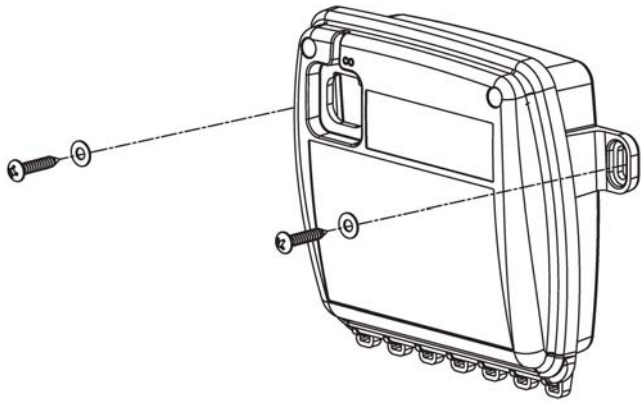


Figure 4

All drawings are for illustrative purposes only.

3. Installing the ChromaSteam3 fixture

Fixture dimensions

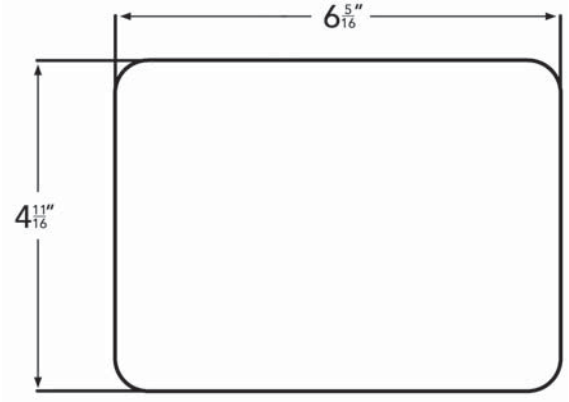


Figure 5

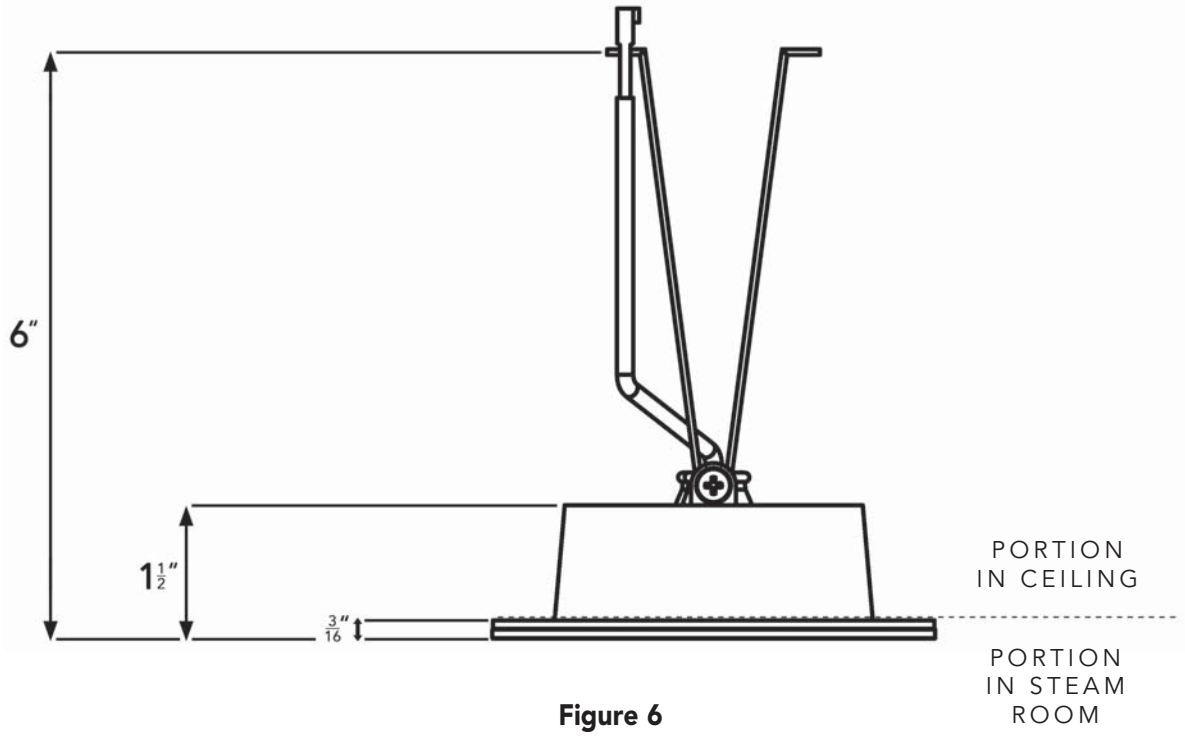


Figure 6

All drawings are for illustrative purposes only.

Installing the junction box

Functions of the junction box:

1. Allows precisely location of the ChromaSteam3 fixture within the steam room ceiling.
2. Provides a secure and easily identifiable holder for the control cable while the steam room is being constructed.
3. Works with the ChromaSteam3 fixture's retention springs to prevent the fixture from falling and injuring a person in the enclosure.

Locating the fixture:

1. Locate the fixture in a location for optimal lighting within the enclosure.
2. ChromaSteam3 is for mood lighting only. Not to be used as a primary lighting source.
3. Do not locate the fixture in direct shower spray, near direct steam emission, or in any location where a lighting fixture may be damaged.

To install the junction box:

1. Remove the two screws from the interior clips of the junction box, and hand-screw them into the wings of the junction box (**Figure 7**).
2. Remove one of the four knockouts from the junction box (**Figure 7**). The resulting hole will allow routing of the 30-foot control cable into the junction box.
3. Locate the two tabs on the junction box, and line them up against a ceiling joist. The tabs locate the junction box proud of (slightly raised from) the joist. Screw the two screws into the ceiling joist to secure the junction box (**Figure 8**).
4. Route one end of the 30-foot control cable through the knockout into the junction box, and fasten it to one of the interior clips to hold it in place (**Figure 9**). Note that both ends of the control cable are the same.

IMPORTANT NOTE

Contact MrSteam to purchase an optional 60-foot cable (Part No. 104268-60).

NOTICE

- Be careful not to strain, staple, pinch, or otherwise damage the cable.
- Route cable as required to permit replacement.
- Cable should be run in dedicated conduit to facilitate installation, service, and replacement.
- To prevent damage to the cable, do not route cable close to hot water, steam piping, or any heat source.

5. After the junction box is completely installed, ensure that you create an opening in the steam room ceiling that aligns with the junction box (**Figure 10**).

⚠ WARNING

- Installation to be performed by a qualified and licensed electrician.
- **Shock hazard.** Ensure that power is turned off during installation. Turn off power at breaker panel.

⚠ CAUTION

Failure to use the junction box with correctly installed retention springs may result in the ChromaSteam3 fixture falling and causing injury.

NOTICE

- To prevent leaks, do not install the ChromaSteam3 fixture where direct contact with steam emission or water spray could occur.
- The ChromaSteam3 fixture is not intended to be installed underwater. To prevent leaks, do not install the ChromaSteam3 fixture in a location where it could become submerged.
- The ChromaSteam3 fixture is not rated for insulation contact. Insulation must be a minimum of 3" away from all sides of the ChromaSteam3 fixture assembly to prevent damage to the fixture.

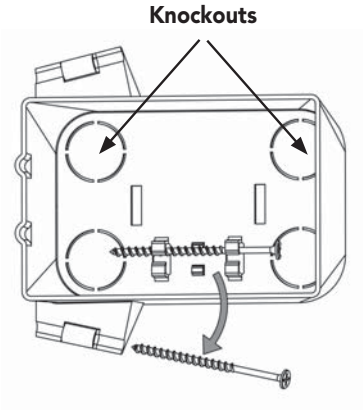


Figure 7

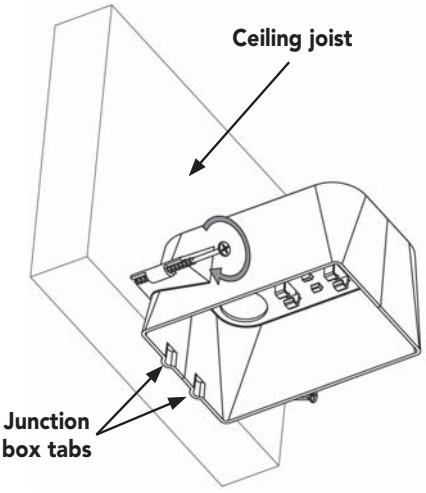


Figure 8

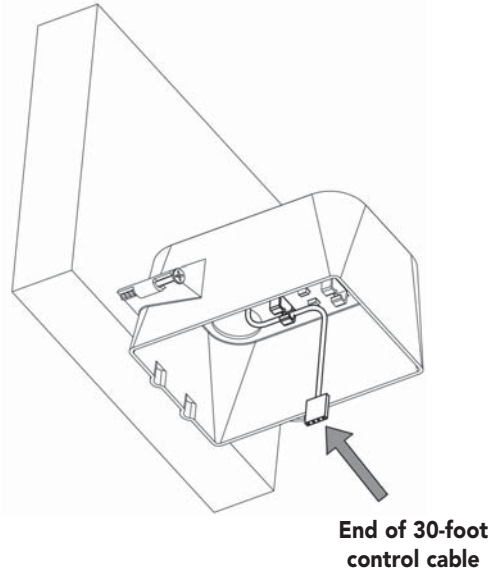


Figure 9

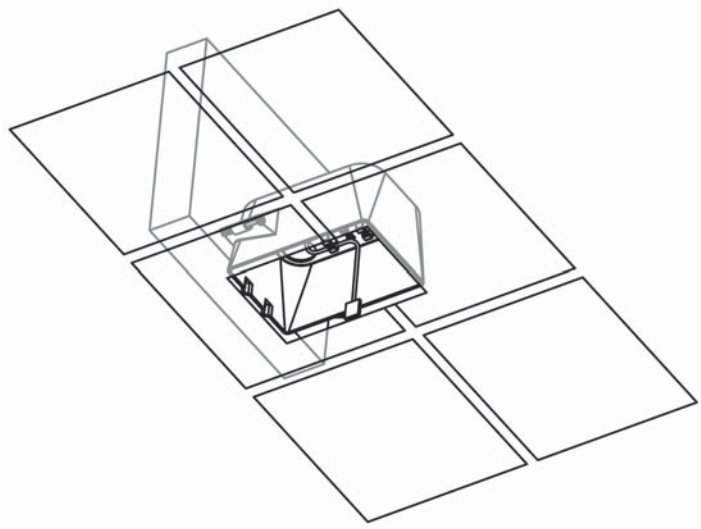


Figure 10

All drawings are for illustrative purposes only.

Installing the fixture

To install the fixture:

1. Connect the ChromaSteam3 fixture's pigtail to the 30-foot control cable in the junction box (**Figure 11**).

   IMPORTANT NOTE

   Test that the fixture operates correctly prior to continuing with the following steps.

2. Clean the surface of the ceiling to ensure the double-stick adhesive of the fixture bonds completely to the ceiling.
3. Peel off and discard the protective layer from the fixture's double-stick adhesive (**Figure 12**).
4. Squeeze the retention springs on the back of the fixture and fit them into the junction box (**Figure 13**). Insert the fixture into the junction box and affix it to the ceiling, being careful not to pinch the pigtail/control cable (note that the pigtail/control cable is not shown in **Figure 13**). Press firmly around edges of the fixture to ensure adhesion to ceiling.
5. Apply a bead of silicone around the perimeter of the fixture (**Figure 14**) as required to create a moisture seal between the fixture and the steam room ceiling. Use tape or other means as required to keep the fixture in position as the silicone cures.

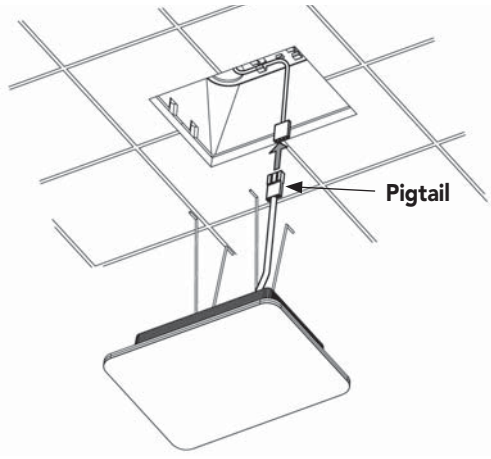


Figure 11

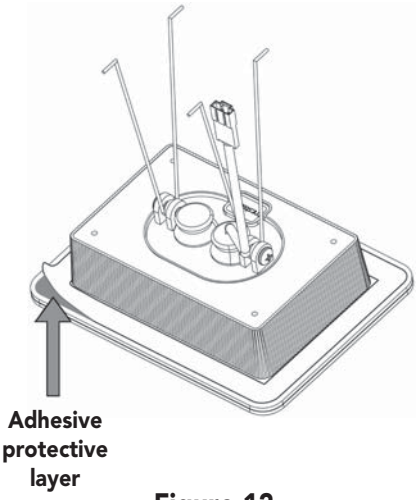


Figure 12

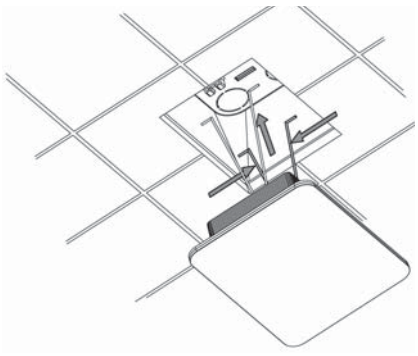


Figure 13

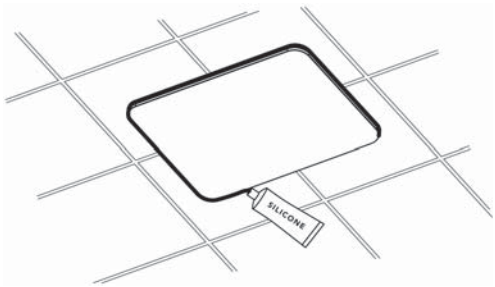


Figure 14

All drawings are for illustrative purposes only.

4. Connecting the ChromaSteam3 fixture to the ChromaSteam3 control box

⚠ WARNING

- **Shock hazard.** Ensure that power is turned off during installation. Turn off power at breaker panel.
- **Shock hazard.** To prevent electric shock, do not remove the screws on the back of the control box. No user-serviceable parts inside. Refer servicing to qualified service personnel only.

At this point in the installation, the ChromaSteam3 fixture's pigtail has been connected to one end of the 30-foot control cable (see page 8), and the other end has been routed through conduit so that it is located for connection to the control box.

1. Using a Phillips-head screwdriver, remove the two cover screws from the front of the ChromaSteam3 control box (**Figure 15**), and remove the cover from the unit (**Figure 16**).
2. Insert the free end of the control cable into the control box's LED receptacle (**Figure 17**).
3. Route the control cable through an empty slot in the lower portion of the control box's housing (**Figure 18**).
4. Replace and secure the control box cover using the two cover screws.

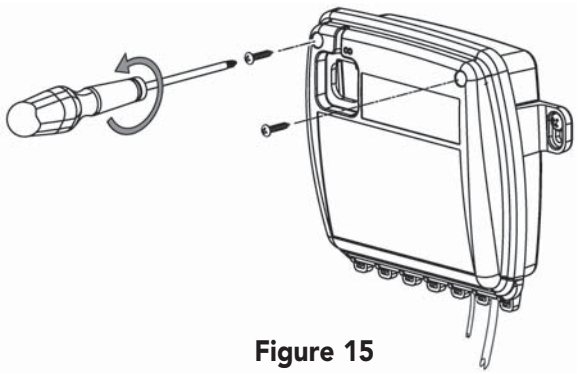


Figure 15

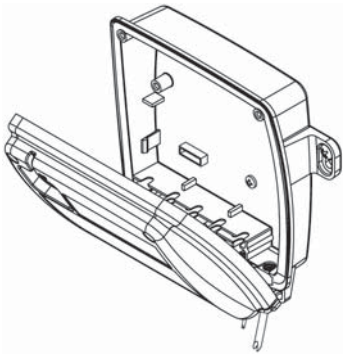


Figure 16

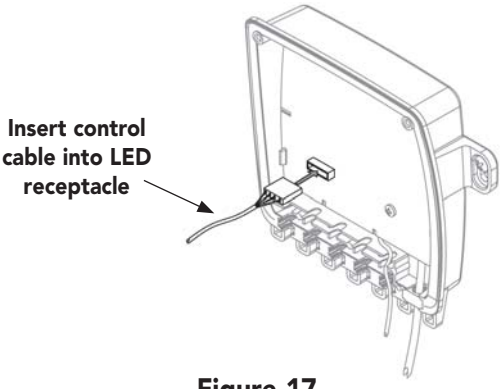


Figure 17

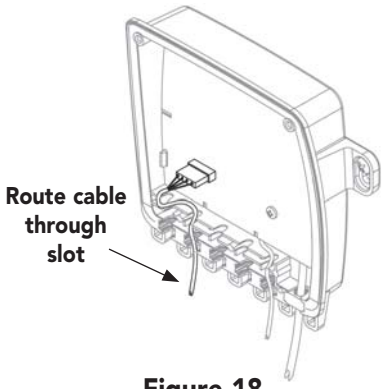


Figure 18

All drawings are for illustrative purposes only.

5. Connecting the ChromaSteam3 Control Box to the Steam Generator

The final connection is made from the ChromaSteam control box (**Figure 21**) to an internal connector in the steam generator.

> **⚠ WARNING**
>
> **Shock hazard.** Shock hazard. Power must be disconnected at the main electrical supply before removing the steam generator cover. For information about the steam generator, refer to the installation, operation, and maintenance manual supplied with the steam generator (also found at **www.mrsteam.com/technical**).

1. Remove the steam generator cover, and remove knockout on steam generator.
2. Connect the controller cord directly to the steam generator's circuit board (**A** in **Figure 22**), **OR** if an additional accessory is installed in the steam generator, connect the controller cord to the supplied daughterboard (**B** in **Figure 22**).
3. Plug the ChromaSteam3 control box power cord into a 120V grounded electrical outlet.

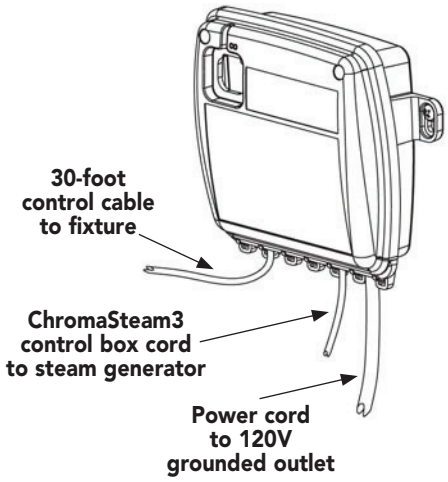


Figure 21

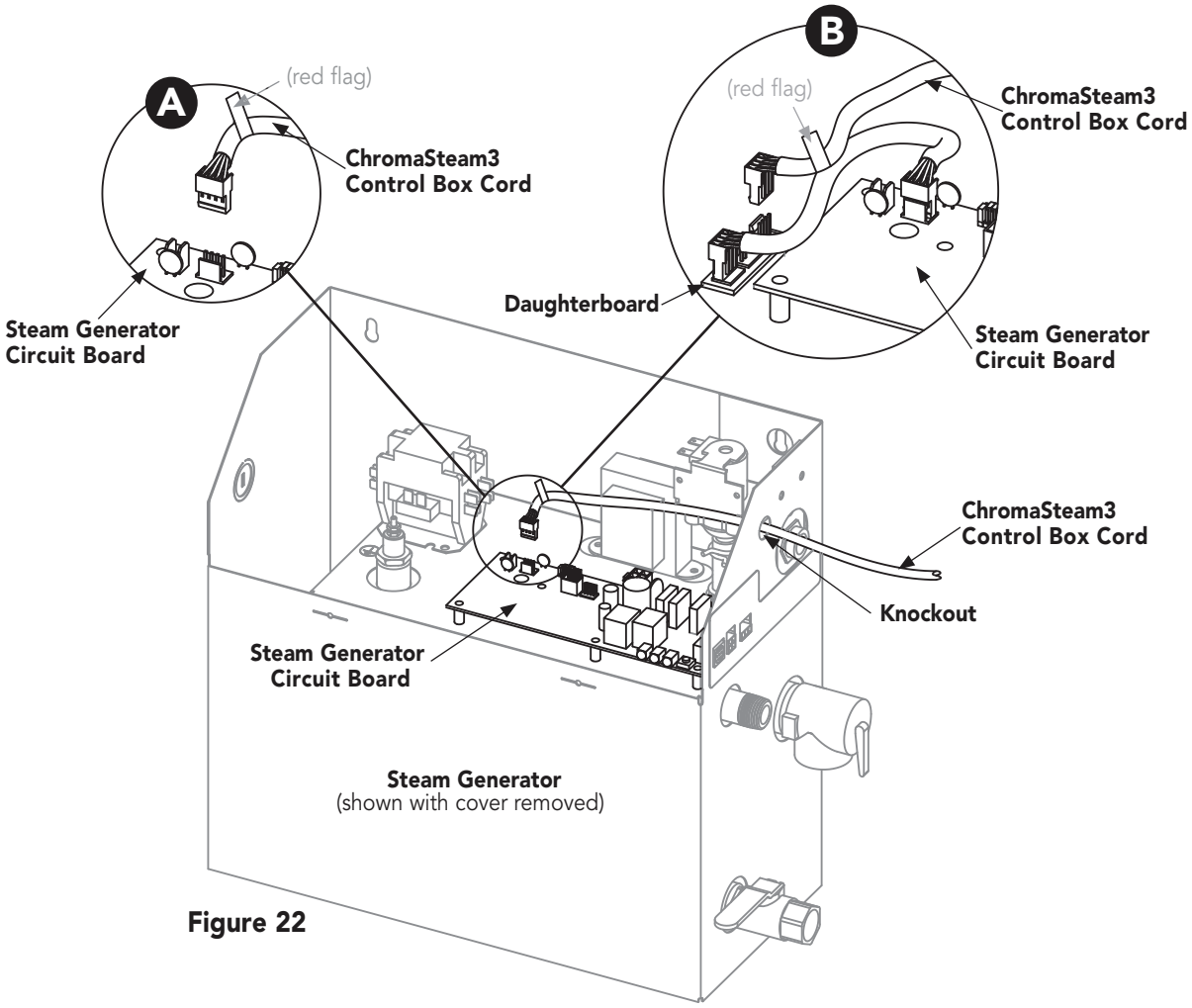


Figure 22

All drawings are for illustrative purposes only.

6. ChromaSteam3 specifications

ENVIRONMENTAL RATINGS	CONTROL BOX	FIXTURE
Operating temperature:	-4 °F (-20 °C) to 140 °F (60 °C)	-4 °F (-20 °C) to 140 °F (60 °C)
Storage temperature:	-22 °F (-30 °C) to 185 °F (85 °C)	-22 °F (-30 °C) to 185 °F (85 °C)
Humidity:	70% max	100%, condensing
Water resistance:	IPX5	Designed to IP67

MECHANICAL	CONTROL BOX	FIXTURE
Weight:	1.9 lb (0.87 Kg)	1 lb (0.45 Kg)
Dimensions (W x H x D):	7 1/32" x 6 1/8" x 2 1/4" (179 mm x 156 mm x 57 mm)	6 5/16" x 4 11/16" x 1 1/2" (161 mm x 120 mm x 38 mm)

LINE INPUT	CONTROL BOX
Input voltage:	120VAC 50/60Hz

LED OUTPUTS	CONTROL BOX
	5 VDC 1.6A Max
	up to 78,000 colors
	2 rainbow effects with smooth transition

HOMEOWNER/END-USER INSTRUCTIONS

7. About ChromaSteam3

Like water and heat, light is a fundamental life force and may improve your physical and mental state. The Mr.Steam ChromaSteam3 system integrates light with steam, creating chromatherapy environments rich with color, mood, and warmth:

- ChromaSteam3 suffuses the steam shower with a spectrum of color from airy blue to sensual red.
- Vapor-sealed, low voltage LED module yield long-lasting high performance and cool operation.
- ChromaSteam3 offers a wide range of 78,000 different colors.
- ChromaSteam3 is UL listed for safety.

8. Operating ChromaSteam3

You can control the ChromaSteam3 LED module from within your steam room using the iSteam3 control.
Select from 78,000 different colors — and control the brightness of the light– all from a simple interface

To operate the ChromaSteam3 using iSteam3:

1. Turn on iSteam3 and wait for the iSteam3 home screen to appear.
2. Turn on the ChromaSteam fixture (**Figure 21**) by tapping the LIGHT BULB icon (**A**) and then tapping the **CHROMA** button (**B**).
3. Tap the COLOR WHEEL icon (**A** in **Figure 22**).
4. The color wheel and brightness control will appear (**Figure 23**). Tap anywhere in the color wheel (**A**) to choose the desired color. Slide the brightness control (**B**) left or right to choose the desired intensity of light.
5. Turn on preset colors by tapping the LED LIGHTS icon (**A** in **Figure 24**) and then scrolling through and tapping a color (**A** in **Figure 25**).
6. Turn off ChromaSteam3 by tapping the POWER icon (**A** in **Figure 26**) and then tapping the **CHROMA** button (**B** in **Figure 26**).

⚠ CAUTION

Note that ChromaSteam3 is for mood lighting only, and does not substitute for general shower illumination.

NOTICE

ChromaSteam3 only works with iSteam3.

IMPORTANT NOTE

For complete instructions on operating the iSteam3, refer to the iSteam technical manual (see www.mrsteam.com).

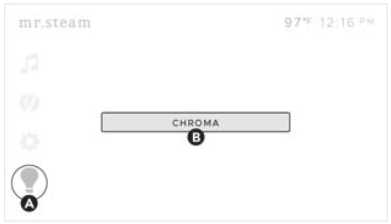


Figure 21

Figure 22

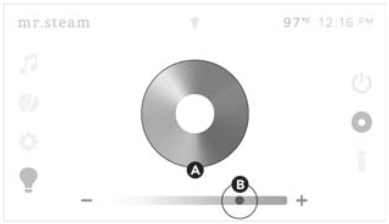


Figure 23

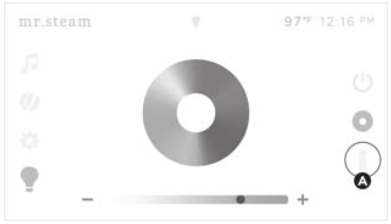


Figure 24

Figure 25

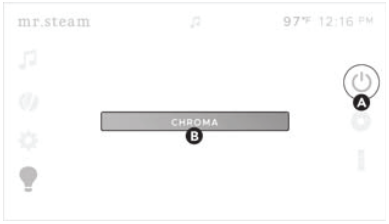


Figure 26

9. ChromaSteam3 Warranty

To view or download the **MrSteam Accessory Warranty** and register your product go to: **blog.mrsteam.com/wr**

All drawings are for illustrative purposes only.

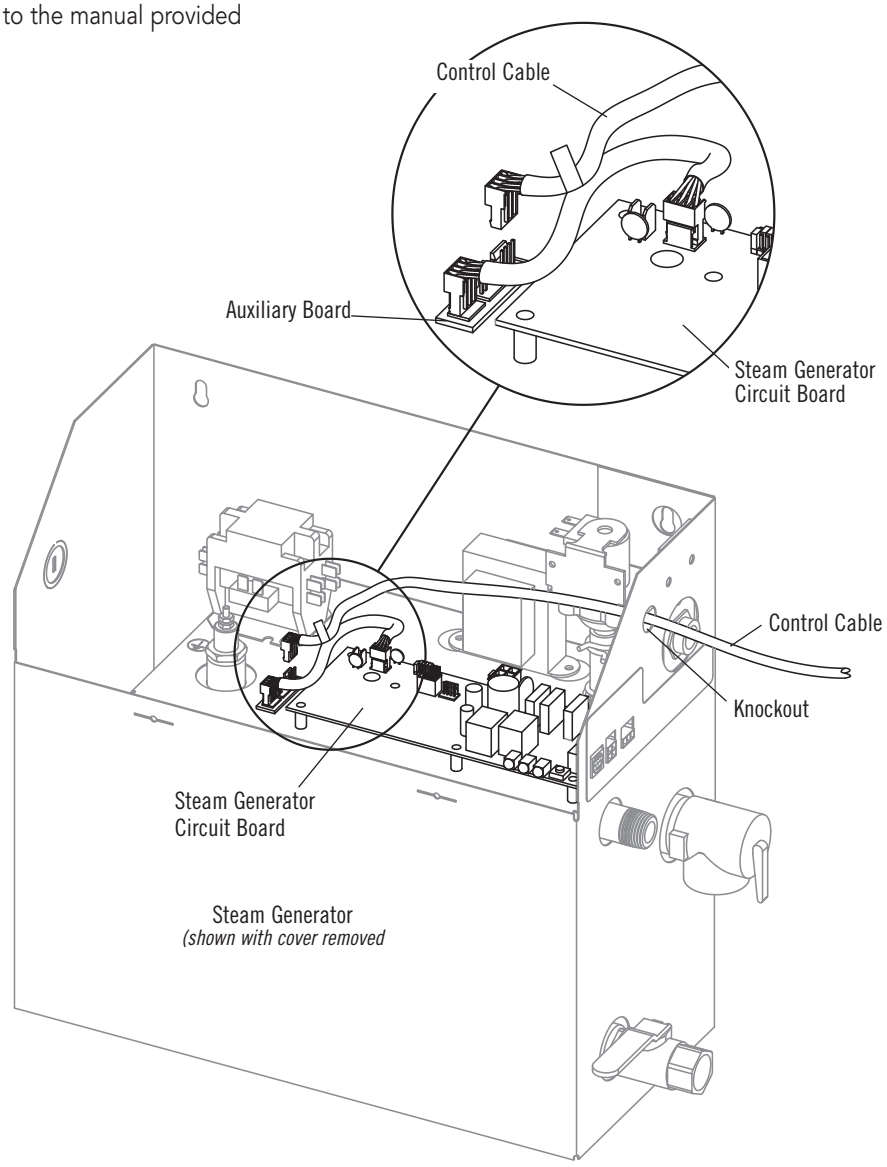
Auxiliary Board Installation

IMPORTANT NOTE: FOR SAFE AND TROUBLE FREE INSTALLATION visit mrsteam.com before installation to download the Installation, Operation and Maintenance Manual or refer to the manual provided with the CHROMASTEAM3.

WARNING Shock hazard. Power must be disconnected at the main electrical supply before removing the steam generator cover. For information about the steam generator and accessories, refer to the installation, operation, and maintenance manual supplied with the product (also found at www.mrsteam.com/technical).

When STEAMLINX or AUDIOSTEAM3 is installed along with a CHROMASTEAM3 an auxiliary board will need to be connected to the steam generator as detailed below. The auxiliary board is provided with CHROMASTEAM3

1. Plug the auxiliary board cable into the connector on the PC Board inside the steam generator as shown
2. Remove the film off the double stick adhesive on the back of the auxiliary board.
3. Stick the auxiliary board on to the electrical panel next to the PC Board in the generator as shown
4. Plug the accessories into the auxiliary board.



mr.steam® Sussman-Automatic Corp.® | hello@mrsteam.com | www.mrsteam.com
43-20 34th Street, Long Island City, NY 11101
TEL: 1 800 76 STEAM FAX: 718 472 3256
9410 S. La Cienega Blvd. Inglewood CA 90301
TEL: 1 800 72 STEAM FAX: 310 216 2944

mr.steam®

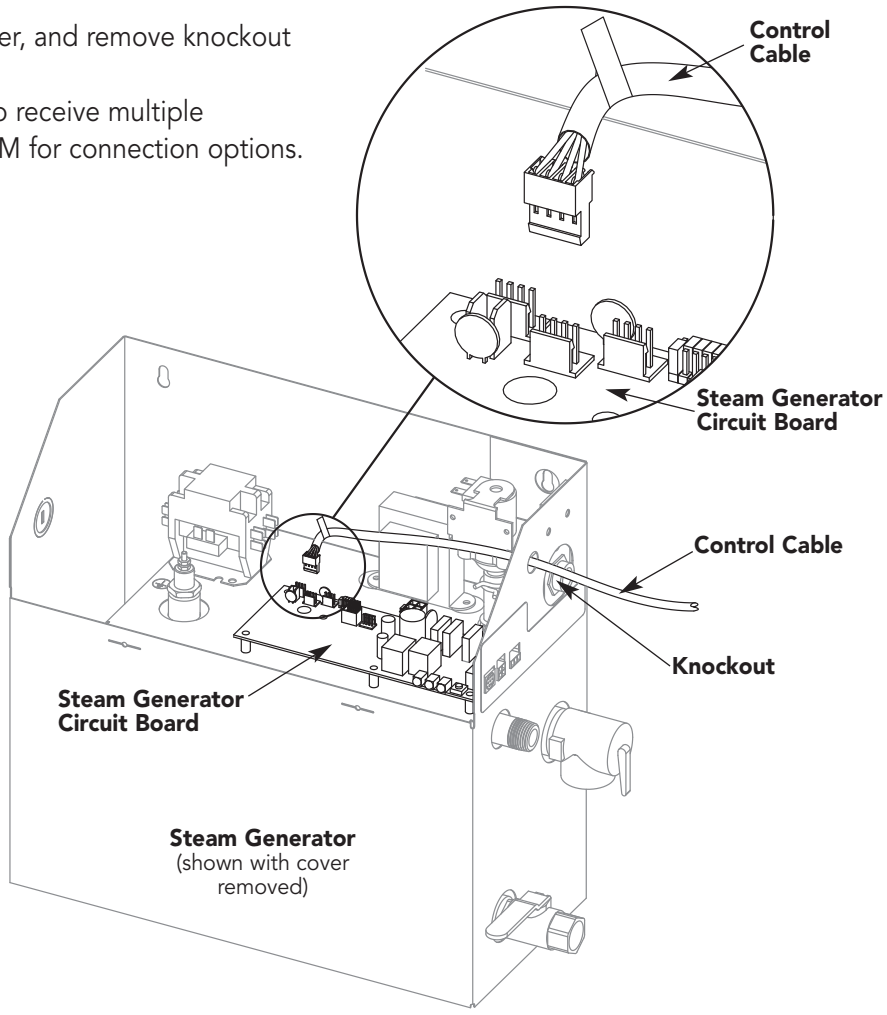
Connecting Multiple Accessories to the Steam Generator

To operate the SteamLinx, AudioSteam3 and ChromaSteam3 via iSteam3, you must connect the accessories to an internal connector in the steam generator.

⚠WARNING

Shock hazard. Power must be disconnected at the main electrical supply before removing the steam generator cover. For information about the steam generator, refer to the installation, operation, and maintenance manual supplied with the steam generator (also found at **www.mrsteam.com/technical)**.

1. Remove the steam generator cover, and remove knockout on steam generator.
2. If the circuit board is not set up to receive multiple connections see the accessory IOM for connection options.



mr.steam® Sussman-Automatic Corporation® hello@mrsteam.com www.mrsteam.com
43-20 34th Street, Long Island City, NY 11101 TEL: 1 800 76 STEAM
9410 S. La Cienega Blvd. Inglewood CA 90301 TEL: 1 800 72 STEAM

mr.steam®

Feel Good Inc.®

www.mrsteam.com

Products, information and specifications are subject to change without notice.
Call Sales & Support at 1 800 76 STEAM (East Coast) or 1 800 72 STEAM (West Coast) for more information.

---

mr.steam® Sussman-Automatic Corporation® • www.mrsteam.com • hello@mrsteam.com

43-20 34th Street, Long Island City NY 11101
TEL: 1 800 76 STEAM FAX: 718 472 3256

9410 S. La Cienega Blvd., Inglewood CA 90301
TEL: 1 800 72 STEAM FAX: 310 216 2944

Copyright © 2017 Sussman-Automatic Corporation I MrSteam and des., A Lifetime of Pleasure, AirTempo, AromaFlo, AudioSteam, AudioWizard, AutoFlush, AutoSteam, Butler Package, ChromaSteam, Clean Steam...Every Time, Club Therapy, Digital 1, Express Steam, Feel Good Inc., From Bathroom to Spa, HomeWizard, iButler, iGenie, iSizing, iSteam, iTempo, iTempo/Plus, Making Wellness a Way of Life, MusicTherapy, SmartSizing, Spa Package, Steam Genie, Steam on Demand, Steam@Home, SteamStart, SteamStop, SteamTherapy, Sussman, Tala, The Intelligent Steambath, Valet Package, and Virtual Spa System are registered trademarks of Sussman-Automatic Corporation.

PUR 100515 REV 1.18

Installation, Operation & Maintenance Manual

AromaSteam

mr.steam® | Feel Good Inc.®

⚠WARNING RISK OF ELECTRIC SHOCK - This pump is supplied with a grounding conductor and grounding-type attachment plug. To reduce the risk of electric shock, be certain that it is connected only to a properly grounded, grounding-type receptacle.

⚠AVERTISSEMENT RISQUE DE CHOC ÉLECTRIQUE - Cette pompe est fournie avec un conducteur de mise à la terre et une fiche de branchement de type mise à la terre. Pour réduire le risque de choc électrique, assurez vous qu'il est connecté uniquement à une mise à la terre, à la terre prise.

⚠WARNING

- Do not use with water soluble fragrance or fragrance containing emulsifiers or aldehydes. AromaSteam system damage may result. MrSteam oils are approved for operation with this system.
- The use of any oils other than MrSteam oils may introduce excessive concentration of oil into the steam room, resulting in a health hazard.
- Vapors may cause drowsiness and dizziness. Keep out of the reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If swallowed, rinse mouth with water (only if the person is conscious), seek medical advice immediately and show this container or label.
- Highly Flammable. Keep away from sources of ignition–No smoking. Keep container tightly closed & in a well-ventilated place. This material & its container must be disposed of as hazardous waste.
- Not for use in acrylic or fiberglass rooms.
- Material Safety Data Sheet (MSDS) available upon request

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

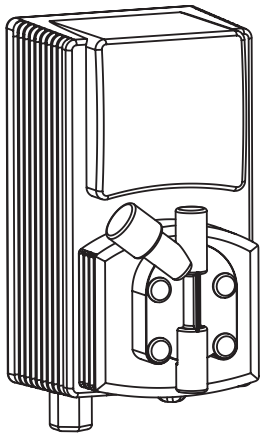
⚠CAUTION signals a situation where minor injury or product damage may occur if you do not follow instructions.

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

MS Aroma

Table of Contents

Box Contents....3
General Installation....3
Installation of Hoses....4
Assembly Diagram....5
Electrical Wiring....6
Start-up
Initial Priming....6
Filling the Pressure Hose....6
Operation....7
Adjusting amount of oil delivery....7
Troubleshooting....8
Technical Information....8



AromaSteam
(for illustrative purposes only)

IMPORTANT NOTE: The warning label (supplied) shall be posted in a conspicuous location next to the steam room door.

⚠WARNING

This room is equipped with an aromatic oil dispensing system

Leave the room immediately if you have any adverse or allergic reactions, including difficulty breathing or eye, nasal, throat, or skin irritation and seek medical attention.

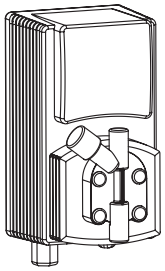
mr.steam® 43-20 34th Street, Long Island City NY 11101 1-800-76 STEAM www.mrsteam.com PUR100405 2/06

mr.steam® Sussman-Automatic Corporation® I hello@mrsteam.com I www.mrsteam.com
43-20 34th Street, Long Island City, NY 11101 I 9410 S. La Cienega Blvd. Inglewood CA 90301
1 800 76 STEAM FAX: 718 472 3256 I 1 800 72 STEAM FAX: 310 216 2944

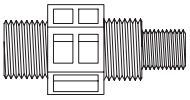
PUR 100402 Rev 8.18

c UL us

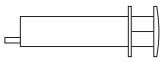
BOX CONTENTS



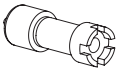
AromaSteam System
(with integrated 6 ft. power cord,
8 ft. request cable)



1/4 x 1/2 NPT
Atomizing Nozzle



Injector



Foot Valve

Installation & Operation Manual
with Peel-off Warning Label

Additional Items Included but Not Shown:
- 2x Mounting Screws and Anchors
- Soft Tubing for priming with injector

GENERAL INSTALLATION

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

CAUTION **The AromaSteam system is qualified for use with MrSteam® residential and CT steam generators ONLY.**

IMPORTANT NOTE: AromaSteam is for use with AirTempo®, iSteam® and iTempoPlus® controls only.

1. Locate the AromaSteam system to monitor the consumption of essential oils and for easy oil replacement.
2. The warning sticker provided must be placed in a conspicuous location near the steam room door.
3. MrSteam AromaSteam System is designed and intended for indoor use only and is to be located indoors in a dry clean location and not subject to moisture, condensation or similar high humidity environments.
4. Do not install AromaSteam Systems outdoors.
5. Do not install AromaSteam Systems in a location where water could freeze.
6. Do not install AromaSteam Systems near flammable or corrosive materials and chemicals. Installation in areas having high concentrations of chlorine (such as pool equipment room) should be avoided.
7. Attach the AromaSteam System onto a secure vertical surface.
8. Provide access to AromaSteam System for servicing, and refills.
9. The system should not be installed in areas accessible to children. A LOCKED ROOM IS STRONGLY RECOMMENDED (ie: utility room)
10. Height difference between AromaSteam System discharge and 90 degree **T** is to be held to a maximum 6 ft. (see page 5).
11. Do not exceed 30 feet of tubing between the pump head and atomizing nozzle.
12. Ensure the essential oil container is placed on a level surface.
13. Essential oil container must be installed directly below the pump. The maximum distance from the pump to the bottom of the container is 4 feet.

⚠ WARNING

This room is equipped with an aromatic oil dispensing system

Leave the room immediately if you have any adverse or allergic reactions, including difficulty breathing or eye, nasal, throat, or skin irritation and seek medical attention.

mr.steam® 43-20 34th Street, Long Island City NY 11101 1-800-76 STEAM www.mrsteam.com PUR100405 2/06

Warning Sticker (Not actual size)

GENERAL INSTALLATION (cont.)

Clearance to Heat Sources

- Do not install the AromaSteam system directly below or above the MrSteam steam generator where it is subject to heat.
- Minimum distance between the AromaSteam system and a heat source (e.g. steam generator, heating system) is 1.5 ft. If this minimum distance of 1.5 ft cannot be maintained, install a radiation plate or heat insulation between the heat source and AromaSteam system.
- Ambient temperature at and around the AromaSteam system should not exceed 90˚ F.

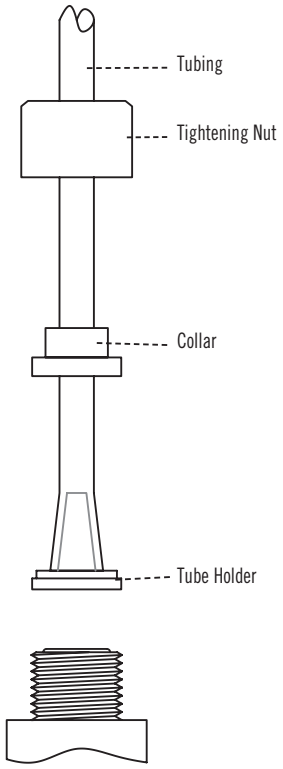
Tubing Connections

1. Completely unscrew tightening nut from pump head (or fitting) and remove components
2. Assemble tubing components as shown in figure 1.

IMPORTANT NOTE: To prevent connection from coming undone, insert tubing holder completely into tubing until it reaches the bottom. Lubricate the ID of the tubing as required with soap to facilitate insertion.

CAUTION To prevent damage do not use tools to tighten the nut.

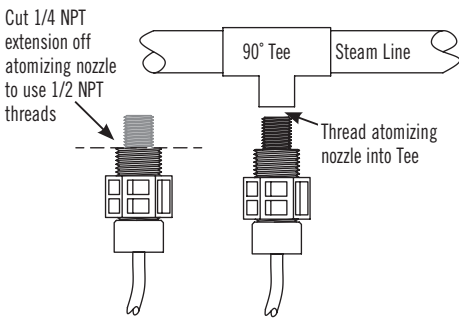
Figure 1



Installing the 90 degree T and Atomizing Nozzle

1. For optimal results locate a brass 90 degree **T** (not provided) and atomizing nozzle in the steam supply line within 10 feet of the steam head. If using copper tubing for steam lines, install a female 1/2 NPT or 1/4 NPT reducing Tee in the steam line facing downward.
2. **T** must face downward as shown (in figure 2).
3. If a 1/2 NPT tee is used, cut off the 1/4 NPT portion of the injector with a hacksaw.
4. Screw the atomizing nozzle into 90° **T** fitting using teflon tape on the threads.

IMPORTANT NOTE: Follow the installation instructions for the steam pipeline in the MrSteam Steam Bath Installation and Operation Manual. Visit www.mrsteam.com to download this document.



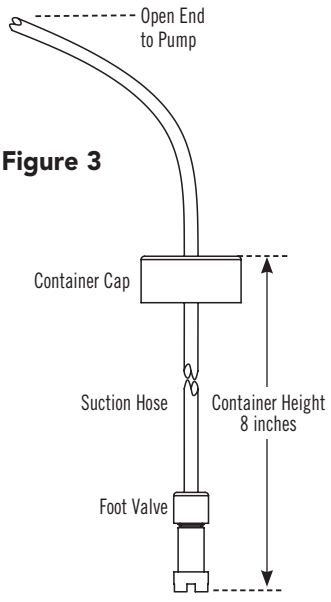
Installation of Pressure Hose to AromaSteam System

1. Insert the pressure hose through the hole of the pressure end nut and firmly push the pressure hose onto the pressure valve.
2. Screw the pressure end nut onto the pressure valve and tighten the nut by HAND only.

Installation of Suction Hose in Scent Container

1. Locate the "container cap" included with the bottle of oil.
2. Unscrew the cap from the MrSteam scent container and discard.
3. Insert the suction hose with the open end from below through the hole in the container cap (see Fig. 3).
4. Insert the foot valve into the scent container so that the foot valve rests on the bottom.
5. Screw the cap onto the scent container.

Figure 3

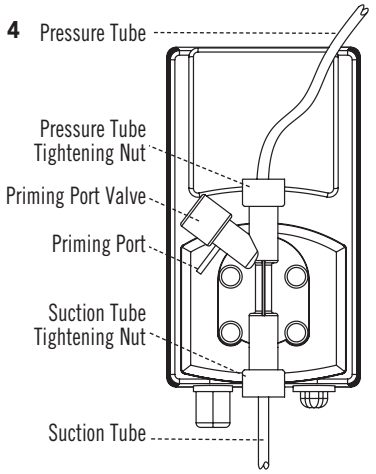


Installation of Suction Hose to AromaSteam System

1. Unscrew the suction end nut from the pump head.
2. Assemble the tubing connection as shown in figure 1 on page 4.
3. Screw the suction tube tightening nut to the suction side of the pump

IMPORTANT NOTE: HAND-TIGHTEN ONLY.

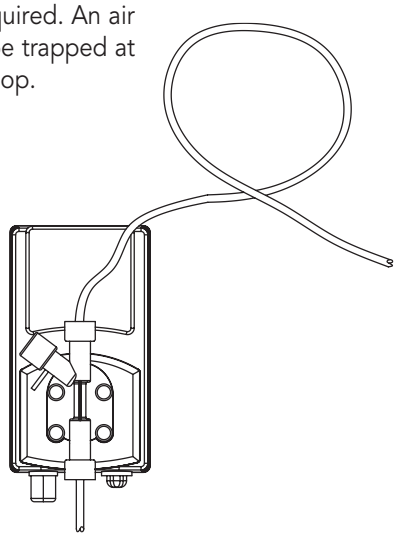
Figure 4



Pressure Hose

Repeat the suction hose installation steps on the pressure side of the pump.

MrSteam recommends installing the AromaSteam lower than the Atomizing nozzle. If the pump must be installed higher that the atomizing nozzle a loop should be placed in the pressure tubing to prevent siphoning as required. An air bubble should be trapped at the top of the loop.



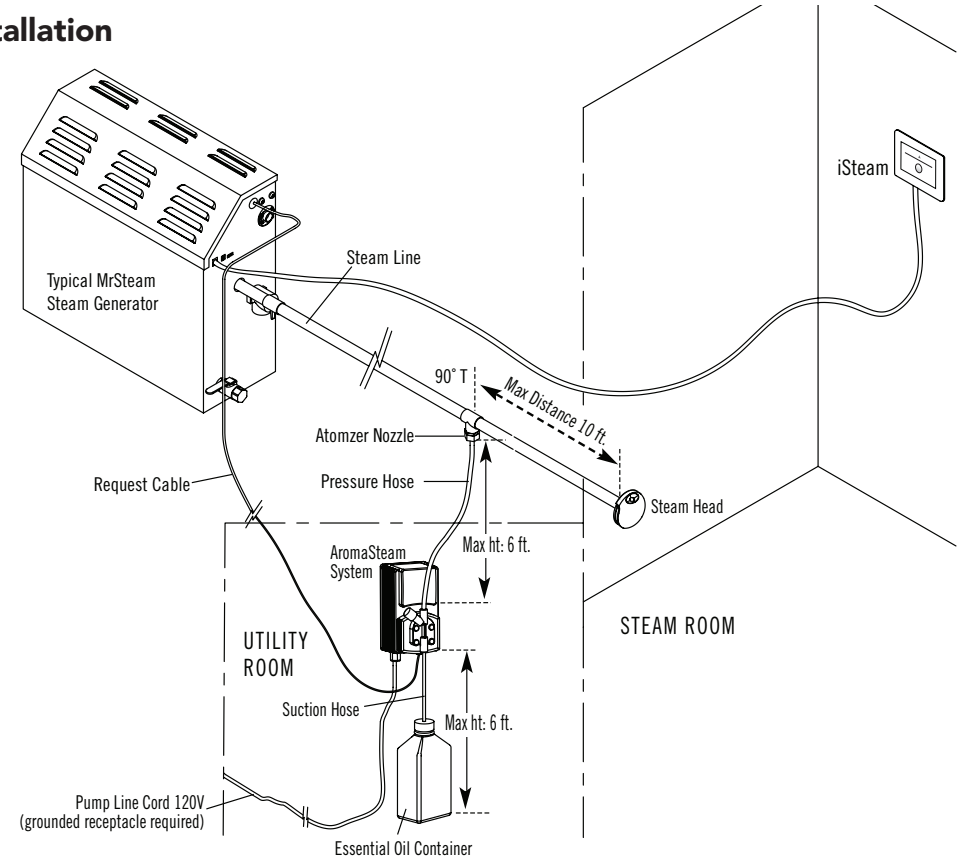
Typical AromaSteam Installation

FOR USE WITH AIRTEMPO®, iSTEAM® AND iTEMPO/PLUS® CONTROLS ONLY

Locate the AromaSteam system to monitor the consumption of essential oils and for easy oil replacement.

NOTE: CABLES SHOULD NOT CONTACT STEAM PIPE.

For illustrative Purposes Only



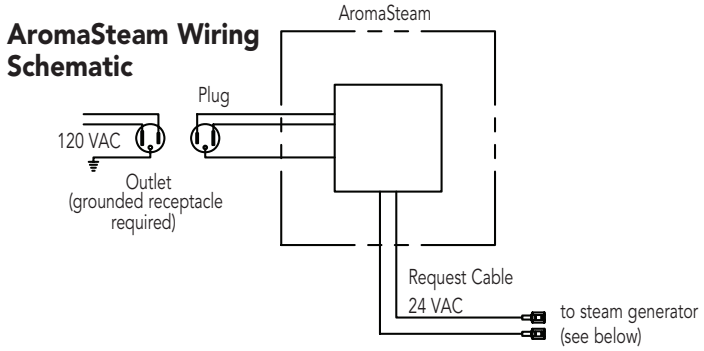
Electrical Connection of AromaSteam System

CAUTION This AromaSteam system is factory wired. If the power cord of the Aroma Steam system is damaged it must be replaced by the Sussman-Automatic service department or similarly qualified personnel in order to avoid an electric shock hazard. All electrical connections to be made by a licensed, qualified electrician. Disconnect all power to the steam generator before making power connections.

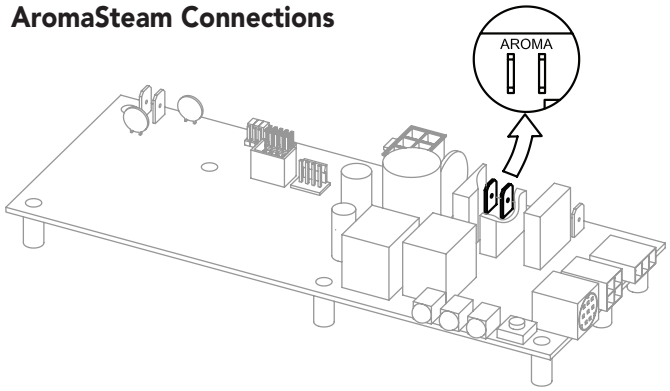
IMPORTANT NOTE: AromaSteam is for use with AirTempo® iSteam® and iTempoPlus® controls only.

1. Disconnect all power to the MrSteam steam bath generator and remove the top cover.
2. Run the request cable from the AromaSteam System through one of the knock outs in the side of the steam bath generator. Use a strain relief bushing or grommet to prevent chafing.
3. Locate the two quick connect tabs labeled "AROMA" on the PC board in the location show.
4. Connect the request cable to the terminals. The terminals are not polarized.

AromaSteam Wiring Schematic



AromaSteam Connections



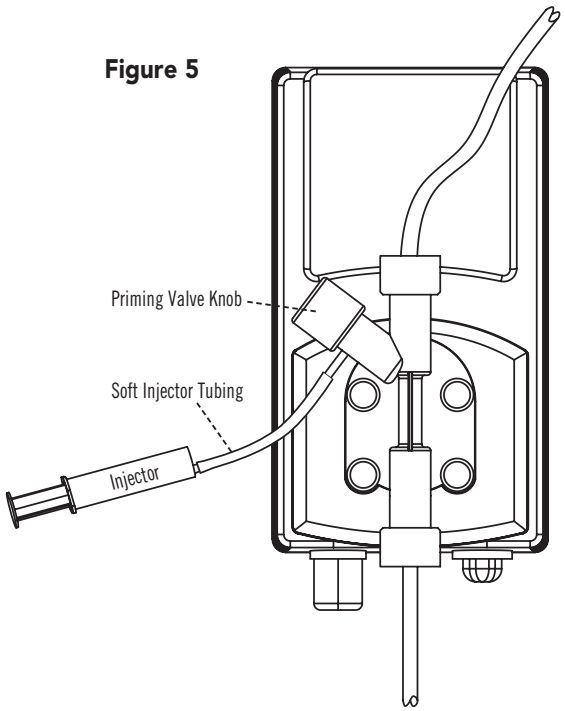
START-UP

Initial Priming of the Pump

1. Insure MrSteam scent container is full.
2. Insert a short piece of soft injector hose onto the tip of the injector (see Fig. 5).
3. Insert the open end of the injector hose onto the pressure valve (see Fig. 5).
4. Open the priming valve by turning the knob counter clockwise 1 full revolution.
5. Draw liquid from the injector slowly and evenly. Continue until the injector is full of liquid.
6. If you have drawn up the injector completely and no liquid is in the injector, remove the injector hose from the pressure valve.
7. Drain injector. Repeat steps until the injector is filled.
8. Save the oil injector as it will be needed when new oils are used.
9. Close the priming valve completely by turning the knob clockwise.

CAUTION Failing to close the valve will result in oil leaking from the priming port.

Figure 5

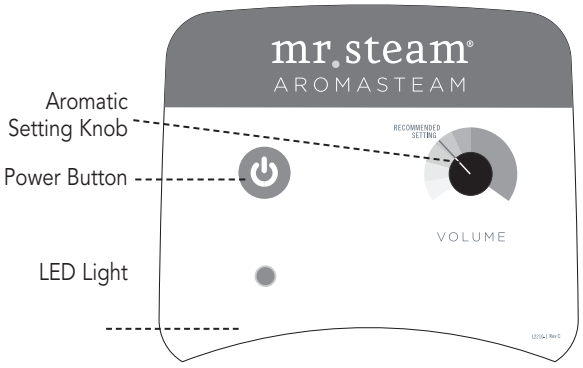


Filling the Pressure Hose

1. Insure the AromaSteam System is primed and the scent container is full.
2. Insert the open end of the injector into the pressure hose.
3. Draw liquid from the injector slowly and evenly. Continue until the pressure hose if full of liquid.

OPERATION

Powering Up the Pump



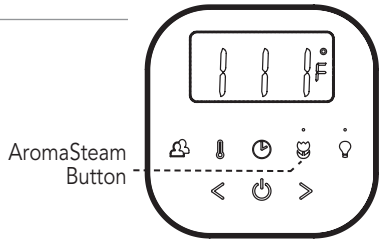
IMPORTANT NOTE: This step only needs to be performed during installation.

1. The pump needs to be turned on before it can be used
2. Press and hold the power button for 3 seconds. The LED will turn on solid red.

PUMP LED LIGHT:

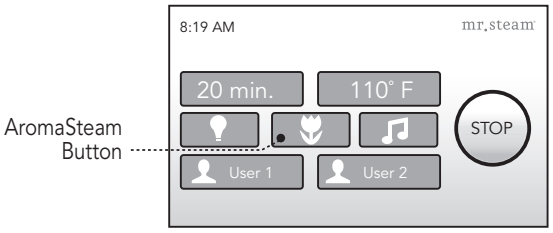
Flashing Green LED	Pump is off. Press and hold the power button for 3 seconds to turn the pump on.
Solid Red	Pump is on, but has not been activated. To activate the pump, turn your steam generator or from the in-shower control and press the aroma button.
Solid Green LED	Pump is on and has been activated from the in-shower control. The LED will turn off each time the pump injects oil into the steam line.

Air Tempo®



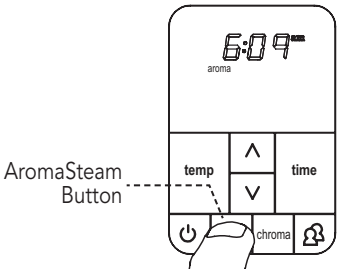
1. Press the ON/OFF button to turn the steam generator ON.
2. Press the AROMA button, AROMA will be displayed on the screen when AromaSteam is on.
3. Aroma oils will automatically be pumped into the steam line at preset intervals.

iSteam®



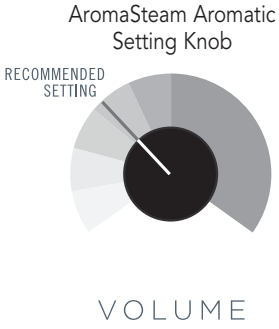
1. Press the START button to turn the steam generator on.
2. In the dashboard press the AROMA button, the button will be highlighted when AromaSteam is on.
3. Aroma oils will automatically be pumped into the steam line at preset intervals.

iTempoPlus®



1. Press the ON/OFF button to turn the steam generator ON.
2. Press the AROMA button, AROMA will be displayed on the screen when AromaSteam is on.
3. Aroma oils will automatically be pumped into the steam line at preset intervals.

Adjusting the Amount of Oil Delivery



The AromaSteam system has been factory set to deliver a suitable amount of aromatic oil into a typical sized steam room. Do not exceed the maximum setting. Please contact the MrSteam Technical Service Department before changing this setting.

Contact the MrSteam Technical Service Dept. at (800) 76-STEAM (East coast)

or (800) 72-STEAM (West Coast) for assistance or additional information.

⚠WARNING Increasing the settings may introduce excessive concentration of oil into the steam room, resulting in a health hazard.

TROUBLESHOOTING

⚠WARNING TO AVOID ELECTRIC SHOCK,
DISCONNECT POWER TO PUMP BEFORE SERVICING

Metering pump does not prime

1. Check if voltage is available.
2. Check liquid level in scent container. Replenish liquid, if necessary.
3. Check for air bubbles in the suction hose or the pump head. To eliminate air bubbles see: Priming Pump.
4. Check valves for contamination. Clean valves, if necessary.
5. Check foot valve in container for contamination. Rinse foot valve under clean water.

Metering pump does not inject oil into steam room

1. Check if voltage is available.
2. Check liquid level in scent container. Replenish liquid if necessary.
3. Check for air bubbles in the suction hose or the pump head. To eliminate air bubbles see: Priming Pump.
4. Check valves for contamination. Clean valves, if necessary.
5. Check foot valve in container for contamination. Rinse foot valve under clean water.
6. Check the pressure hose for kinking or jamming. Straighten or replace.
7. Check if liquid is freely flowing through the atomizing nozzle when the metering pump is energized. Apply compressed air through the atomizing nozzle. Attach the compressed air at the point of connection of the pressure hose.
8. Ensure the pump has been powered up. See page 7.

Metering pump oil delivery too much or too little

⚠WARNING The AromaSteam system has been factory set to deliver a suitable amount of aromatic oil into a typical sized steam room. Please contact the MrSteam Technical Service Department before changing this setting. See page 7 for instructions on adjusting the amount of oil delivery.

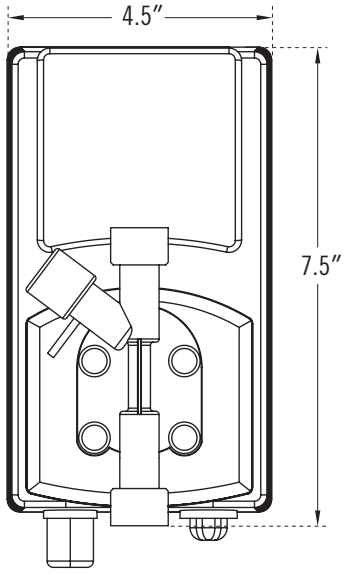
Contact the MrSteam Technical Service Dept. at (800) 76-STEAM (East coast) or (800) 72-STEAM (West Coast) for assistance or additional information.

TECHNICAL SPECIFICATIONS

LIST OF SPARE PARTS

Description	Part No.
Pump Head	104239
Pressure/Suction Hose (ordered by the foot)	104255
Eucalyptus oil, 1 liter	MS OIL 1
Lavender oil, 1 liter	MS OIL 2
Evergreen oil, 1 liter	MS OIL 3
Energizing Mint oil, 1 liter	MS OIL 4
Breathe oil, 1 liter	MS OIL 5
Atomizing Nozzle	104240
Oil Injector	103983
Foot Valve	104241
Fitting (Fig.1)	104250

Dimensions:	7.5"W x 4.5"H x 4.5"D
Weight:	5 pounds
Motor voltage	120VAC, 50/60 Hz
Current Draw	0.5 Amps



WARRANTY: To view or download the MrSteam Control Warranty and register your product go to: **blog.mrsteam.com/wr**

2017 © Sussman-Automatic Corporation I Mr.Steam and des., A Lifetime of Pleasure, AromaFlo, AudioWizard, AutoFlush, AutoSteam, Butler Package, ChromaSteam, Clean Steam...Every Time, Club Therapy, Digital 1, Express Steam, From Bathroom to Spa, HomeWizard, iButler, iGenie, iSizing, iSteam, iSteam/Plus, iSteamTV, iTempo, iTempo/Plus, Making Wellness a Way of Life, MusicTherapy, MySteam, Spa Package, Smart Sizing, Steam Genie, Steam in a Box, Steam on Demand, Steam@Home, SteamStart, SteamStop, SteamTherapy, Sussman, The Intelligent Steam bath, Valet Package, Virtual Spa System, Voice Genie and Voice Wizard are registered trademarks of Sussman-Automatic Corporation.
PUR 100402 8.18

mr.steam®

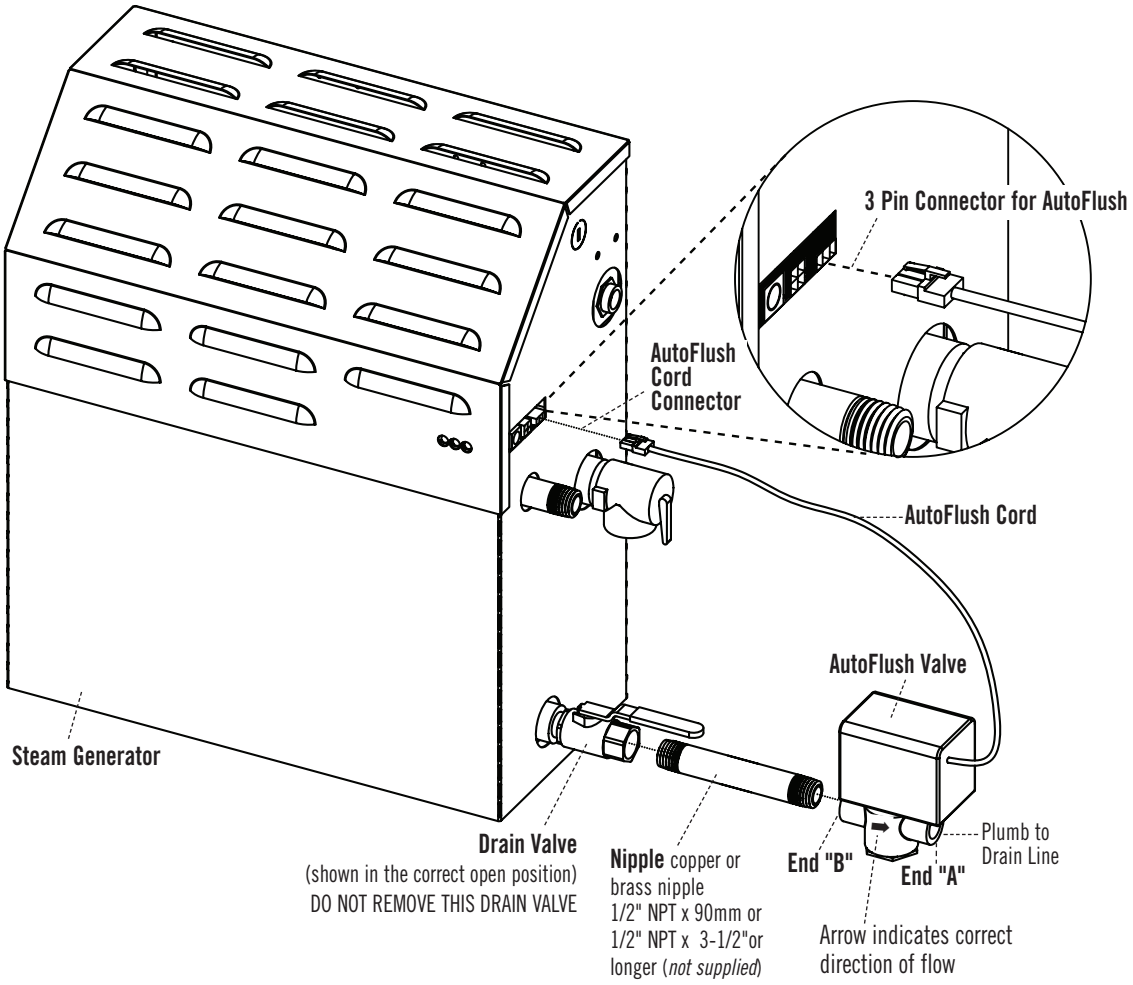
Optional Autoflush® System

INSTALLATION INSTRUCTIONS

BOX CONTENTS:

- AutoFlush System Valve with Cord
- Installation Instructions.

ASSEMBLY OF OPTIONAL AUTOFLUSH® SYSTEM



OPERATION

The optional AutoFlush® System feature automatically drains the Mr.Steam® system following each use. A time delay allows the water to cool down (about two hours) before it drains resulting in a safe and gentle operation.

mr.steam® Sussman-Automatic Corp® hello@mrsteam.com www.mrsteam.com
43-20 34th Street, Long Island City, NY 11101 tel: 1 800 76 STEAM fax: 718 472 3256
9410 S. La Cienega Blvd. Inglewood CA 90301 tel: 1 800 72 STEAM fax: 310 216 2944

INSTALLATION INSTRUCTIONS

1. Plumbing to be performed by a qualified plumber and shall be in accordance with applicable national and local codes. Unit drains by gravity. A drain line that is lower than the AutoFlush assembly must be available. The AutoFlush System valve outlet is threaded 1/2" NPT. Check plumbing code for receptor, trap and vent requirements.
2. Use copper or brass nipple 1/2" NPT x 90mm or 1/2" NPT x 3-1/2" or longer (not supplied) to connect AutoFlush valve (end "B") to the Drain Valve (valve end "A" and "B" are indicated on bottom of AutoFlush Valve)

⚠CAUTION DO NOT REMOVE THE DRAIN VALVE
Removal may cause equipment and property damage.
If there is not enough room for the valve, an elbow and a short nipple (not provided) can be added.

3. Open Drain Valve (handle must be aligned with brass nipple).
4. Connect the AutoFlush System cord connector to the three pin connector as shown.

⚠WARNING Do not drain into a steam enclosure or any location where accidental contact with drain water may occur. In the event of a power failure the AutoFlush System valve will open and may discharge boiling water.

SWEAT FITTINGS

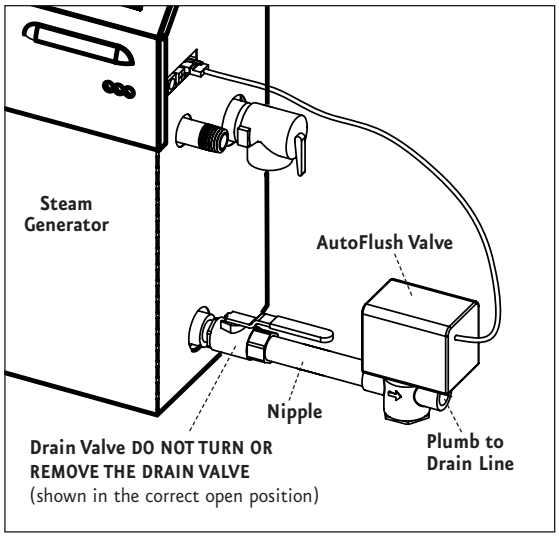
When using sweat fittings use only tin base solder with a melting point below 600 degrees F. Do not overheat. Ends of water supply tubing must be thoroughly clean for a minimum distance of 1" from ends. Do not remove valve cover.

TO CHECK OPERATION

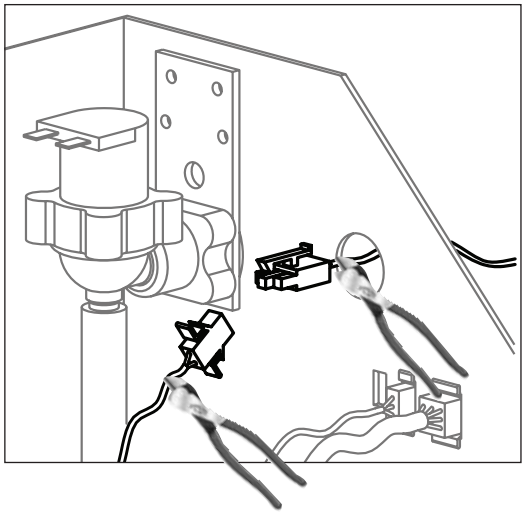
1. Turn on Mr.Steam and allow tank to fill with water. (see Mr.Steam instruction manual)
2. Turn off Mr.Steam control. Water should stay in tank.
3. Turn off power at the panel box. Water should discharge from tank.
4. Turn on power at panel box.
5. Repeat

⚠CAUTION PROVIDE DRAIN PLUMBING ACCORDING TO LOCAL CODES. PLUMB AS REQUIRED FOR AUTOFLUSH SYSTEM.

AutoFlush® Shown Fully Assembled



INSTALLING AUTOFLUSH ON OLDER MODEL GENERATORS SN:899,999 and below



1. Remove the connector from the "C" location in the jacket. Cut off the connector where shown and strip back the wires approx 0.375"
2. Cut the connector off the AutoFlush cable where shown and strip back the wires approx 0.375".
3. Remove the knockout in the side of the generator and install a bushing to prevent chafing.
4. Route the wires from the AutoFlush through the knockouts and connect the white wire from the AutoFlush to the white wire from the circuit board using a wire nut. Repeat for the black wire.

IMPORTANT NOTE: Contact the Mr.Steam Technical Service Department for installation of any equipment not shown in these instructions. East Coast: (800) 767-8326 West Coast: (800) 727-8326

WARRANTY: To view or download the Mr. Steam Controls & Accessories Warranty and register your product go to: **blog.mrsteam.com/wr**

Drain Pan

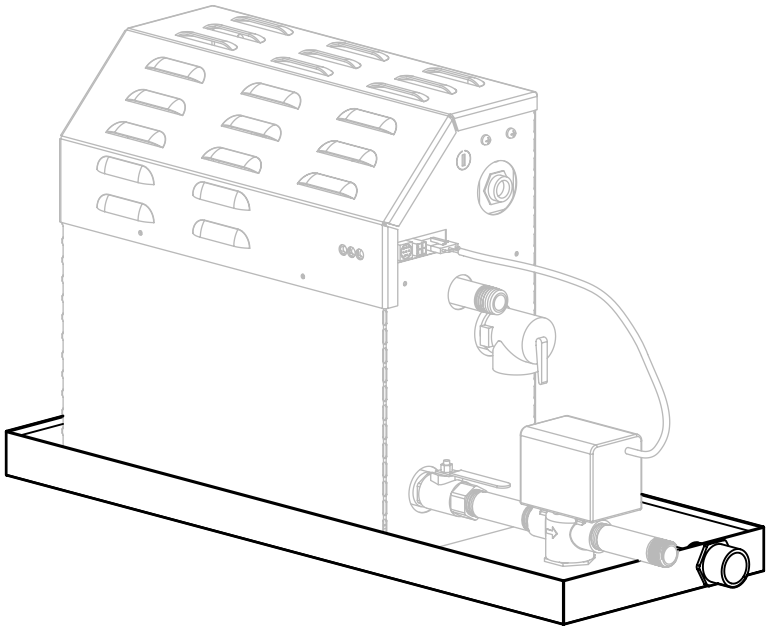
MS 103867

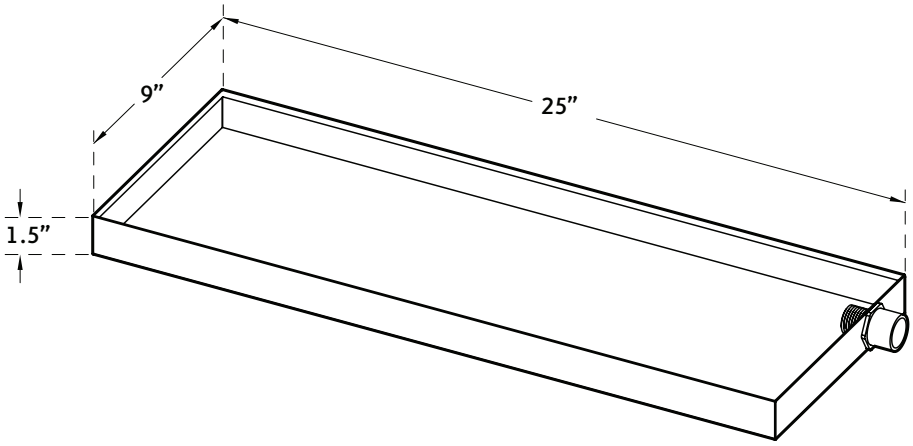
Mr. Steam strongly recommends the use of a drain pan in the unlikely event of a plumbing leak.

Locate the drain pan on a solid level surface and place the steam generator inside the drain pan. Insure the steam generator is level.

All plumbing shall be performed by a qualified licensed plumber and in accordance with applicable national and local codes. Check local plumbing code for receptor, trap and vent requirements. Drain pans drain by gravity.

The drain pan is equipped with an integral 3/4" NPT fitting.





NOTE: FOR ILLUSTRATIVE PURPOSES ONLY.

IMPORTANT: See Mr.Steam® Installation, Operation and Maintenance Manual, PUR 101289, for details.

Click here to download this manual:
http://mrsteam.com/products/technical-downloads.html