Installation, Operation & Maintenance Manual

iSteamX

mr.steam® | Feel Good Inc.®

mr.steam®

READ ME FIRST!

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

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

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

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

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

IMPORTANT SAFETY INSTRUCTIONS

1. **READ AND FOLLOW ALL INSTRUCTIONS**

2. ⚠️ **WARNING** Do not permit children under the age of 16 to use this steambath.

3. ⚠️ **WARNING** Steam is hot and can cause injury or death if improperly used. Steam rooms contain steam and elevated temperatures. Please read and observe all warnings in this manual before installing or using a steam room.

4. ⚠️ **WARNING** To reduce the risk of injury:

   A. The wet surfaces of steam enclosures may be slippery. Use care when entering or leaving.

   B. The steam head is hot. Do not touch the steamhead and avoid the steam near the steamhead.

   C. Prolonged use of the steam system can raise excessively the internal human body temperature and impair the body's ability to regulate its internal temperature (hyperthermia). Limit your use of steam to 10-15 minutes until you are certain of your body's reaction.

   D. Excessive temperatures have a high potential for causing fetal damage during the early months of pregnancy. Pregnancy or possibly pregnant women should consult a physician regarding correct exposure.

   E. Obese persons and persons with a history of heart disease, low or high blood pressure, circulatory system problems, or diabetes should consult a physician before using a steambath.

   F. Persons using medication should consult a physician before using a steambath since some medication may induce drowsiness while other medications may affect heart rate, blood pressure and circulation.

SAVE THESE INSTRUCTIONS

HYPERTHERMIA occurs when the internal temperature of the body reaches a level several degrees above the normal body temperature of 98.6° F. The symptoms of hyperthermia include an increase in the internal temperature of the body, dizziness, lethargy, drowsiness, and fainting. The effects of hyperthermia include:

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

⚠️ **WARNING**

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

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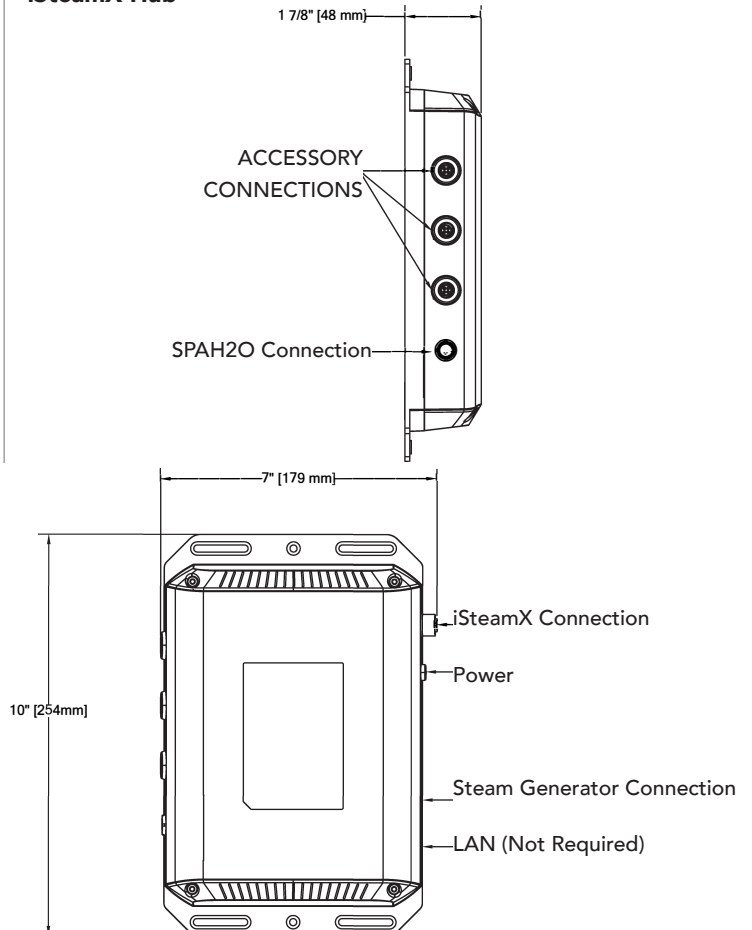## Table of Contents:

Box Contents:

- iSteamX Control
- iSteamX Hub
- Power Supply
- Control Cable w/Mini-Din (30ft)
- iSteamX cable w/Screw connector (30ft)
- Steamhead
- Tube of silicone sealant
- Owner's manual

Dimensional Information

iSteamX

7 5/8" [195mm]

5 3/16" [132 mm]

19/32" [15 mm]

Pigtail 8" [203 mm]

Mounting Location

iSteamX Hub

1 7/8" [48 mm]

ACCESSORY
CONNECTIONS

SPAH2O Connection

7" [179 mm]

10" [254mm]

iSteamX Connection

Power

Steam Generator Connection

LAN (Not Required)
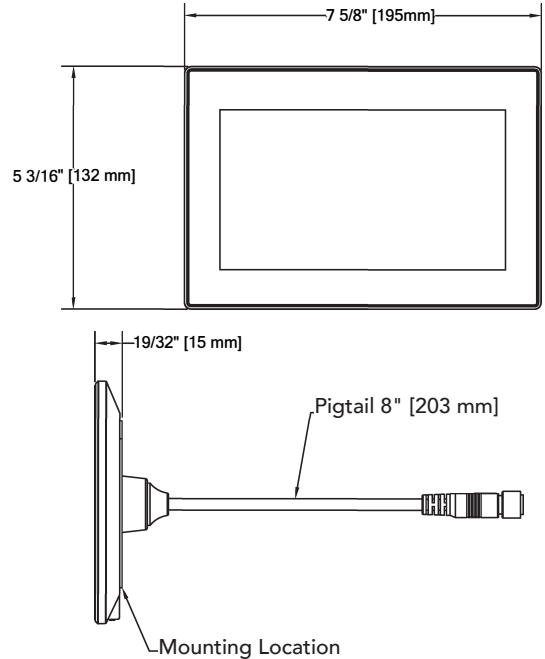
⚠ **WARNING** To avoid unintentional steambath operation, do not locate the control where other controls, accessories, shower heads, valves, body sprays or similar within the shower could cause confusion or interfere with the Mr.Steam control's intended use and function.

⚠ **CAUTION**

- To prevent possible injury Do Not use the iSteamX control without reading and understanding the Mr.Steam steam generator Installation and Operation Manual.
- A peel and stick warning sticker is provided in the Mr.Steam steam generator Installation, Operation and Maintenance Manual. This manual is provided with every steam generator. The warning sticker must be read and permanently affixed in a conspicuous location near the steam room. Failure to read and affix this warning sticker in a conspicuous location may result in serious injury or death. Please call Mr.Steam at 800 767-8326 for a free replacement or if you have any questions regarding the warning sticker.

⚠ **WARNING**

REDUCE THE RISK OF OVERHEATING AND SCALDING

1. EXIT IMMEDIATELY IF UNCOMFORTABLE, DIZZY OR SLEEPY. STAYING TOO LONG IN A HEATED AREA IS CAPABLE OF CAUSING OVERHEATING.
2. SUPERVISE CHILDREN AT ALL TIMES.
3. CHECK WITH A DOCTOR BEFORE USE IF PREGNANT, DIABETIC, IN POOR HEALTH OR UNDER MEDICAL CARE.
4. BREATHING HEATED AIR IN CONJUNCTION WITH CONSUMPTION OF ALCOHOL, DRUGS, OR MEDICATION IS CAPABLE OF CAUSING UNCONSCIOUSNESS.
5. DO NOT CONTACT STEAM HEAD OR STEAM AT THE STEAM HEAD.

REDUCE THE RISK OF SLIPPING AND FALL INJURY

1. USE CARE WHEN ENTERING OR EXITING THE STEAM ROOM. FLOOR MAY BE SLIPPERY

NOTE: FOR ADDITIONAL SAFETY CONSIDERATIONS SEE OWNER"S MANUAL WHICH IS KEPT:_____
THE OWNER'S MANUAL CAN BE FOUND AT WWW.MRSTEAM.COM

USE OF STEAM ROOM IN CONJUNCTION WITH CONSUMPTION OF ALCOHOL CAN BE DANGEROUS AND CAN RESULT IN INJURY THROUGH SLIP AND FALL OR OTHERWISE.

Not actual size

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- If an iSteamX control is installed outside the steam room a Remote Temperature Probe (PN MSTS) must be installed inside the steam room per installation instructions supplied with the Remote Temperature Probe. Failure to install according to instructions will result in an inoperative control and overheating of the steam room.

⚠ **CAUTION** Do not route iSteamX control wiring inside conduit together with power lines or close to hot water or steam piping. Doing so may result in an inoperative or hazardous installation. Do not alter or modify any Mr.Steam products including the steam generator or iSteamX control. Doing so may result in an inoperative or hazardous installation and will void the warranty.

IMPORTANT NOTES:

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

- Do not operate the iSteamX control with other than a Mr.Steam iSteamX compatible steam generator. Mr.Steam residential steam generators with serial numbers lower than 1174000, or any other brand of steam generator are not to be operated with iSteamX controls. Doing so may result in an inoperative installation. If your generator's serial number is lower than 1174000 contact Mr.Steam Technical Service for up-grade options and components to enable your steam generator to function with iSteamX.

- This document contains important safety, operation and maintenance information. Leave this document with the homeowner. Do not discard this document.

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

- Refer to the Steambath Generator Installation, Operation and Maintenance Manual for locating and installing the steamhead.

⚠ **WARNING** Do Not alter or modify any Mr.Steam products. Doing so may result in an inoperable or hazardous installation and will void the warranty.

Locating the Control

Determine the desired installation location of the control. The iSteamX controls are designed to be installed inside or outside the steam room as a matter of personal preference. If the control is installed inside the steam room:
• Locate the control 4-5 feet above the floor near the bather seating area.
• The control features an integral temperature sensor. Locate the control in a location representative of the desired steam bathing temperatures. Do not locate the control above or near the steam head or direct steam emissions.
• Locate the control on a vertical wall.
• The control cable is 30 feet. Insure that the control and steam generator are located accordingly.

IMPORTANT NOTES:
• If required, contact Mr.Steam to purchase an optional 60' iSteamX control cable part number 104541-60.
• If the control is installed outside the steam room a Remote Temperature Probe Part Number MSTS must be installed inside the steam room. Refer to the MSTS installation manual before installing the control.
• Ensure Mr.Steam steam generator is iSteamX compatible and has a serial number 1174000 or higher.

STEP 1
Make a 1-1/4" diameter hole in the desired control location.

STEP 2
Route the control cable from the wall cutout to the iSteamX Hub. Plug in and thread the connector collar into the Hub at the location marked Control.

IMPORTANT NOTE: The connector is keyed, it will only connect one way.

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

Finish the iSteamX installation using the instructions on page 7.

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Installation Instructions for iSteamX

STEP 1.
Mount the hub securely. The hub may be mounted in any orientation.

Plug the 30 foot generator cable into the generator and into the hub.

⚠️ **CAUTION** Do not force or twist cable ends together. Forcing or twisting cable ends may damage the connectors.

Plug the 30 foot control cable into the hub and into the iSteamX. Thread to connector collars together.

Plug the hub's power supply into an outlet.

Important Note: iSteamX must have an Internet connection for some functions. iSteamX may be connected to Wi-Fi. If iSteamX is located in an area with a poor Wi-Fi signal, a LAN connection from the router can be plugged into the iSteamX HUB.

Control cable

Hub

iSteamX

Generator Cable

iSteamX Pigtail

Hub

Steam Generator

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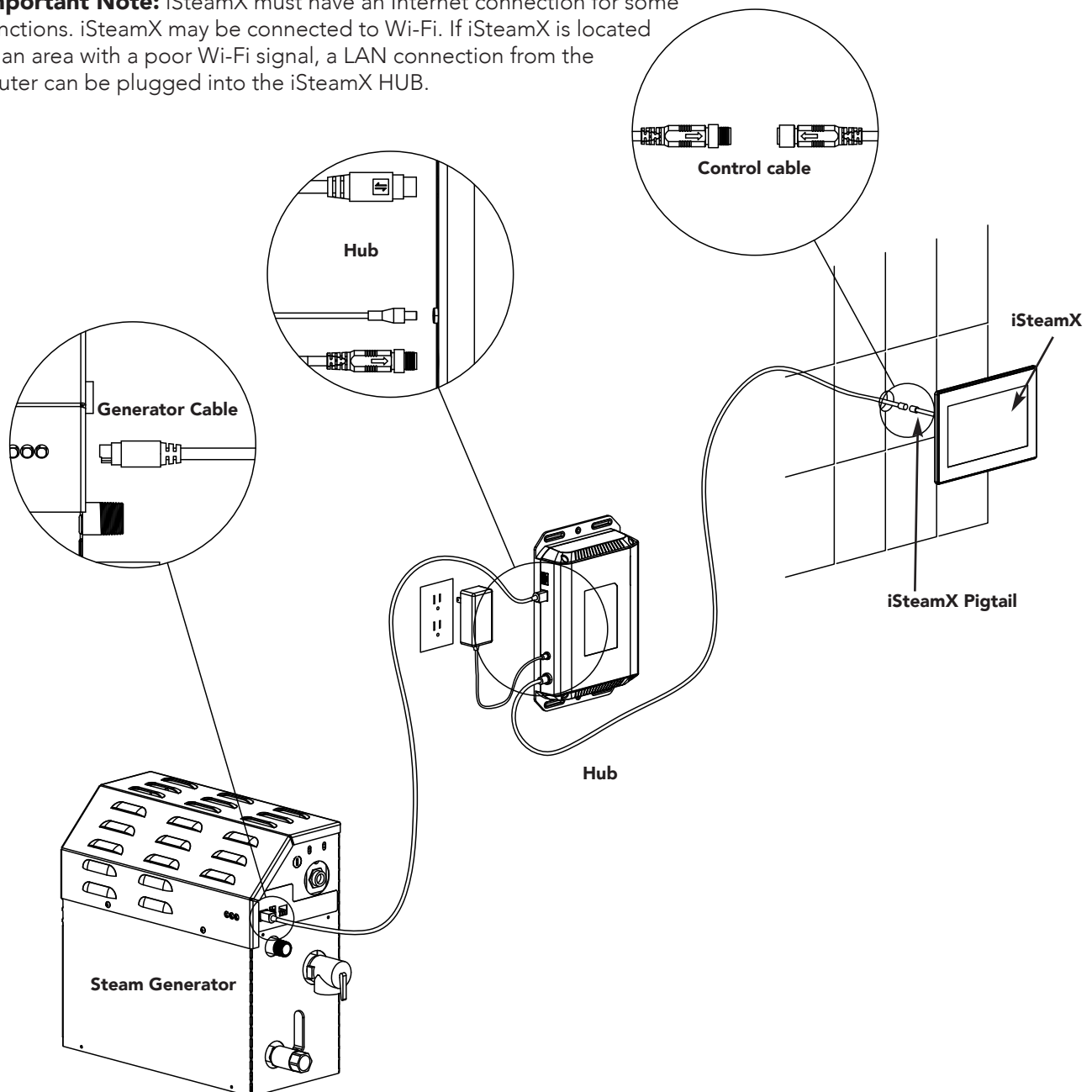
# Installation Instructions for iSteamX (cont.)

STEP 2
Peel the double stick adhesive off the back of the
iSteamX control (2a). Apply a bead of silicone around the
rear of the iSteamX control to create a moisture seal (2b).
Care must be taken to not pinch the cables. Ensure the
control is level.

IMPORTANT NOTE: The control must be installed.

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

IMPORTANT NOTE: Do not apply excessive amounts of
silicone. Do not apply silicone to any other parts of the
control including the adhesive gasket. Ensure the
mounting surface is clean and dry as required for good
adhesion. Hold the control with the arrow on the screen
protector facing up and press the control against the wall
until the adhesive sticks and holds firmly. Control may
have to be supported or secured until the silicone has
cured for 24 hours.
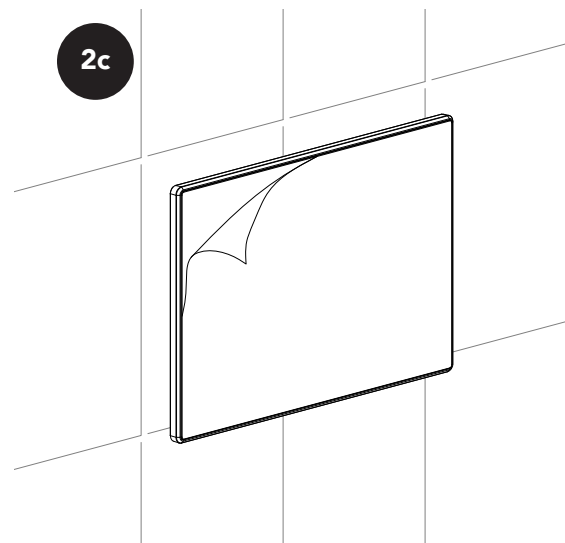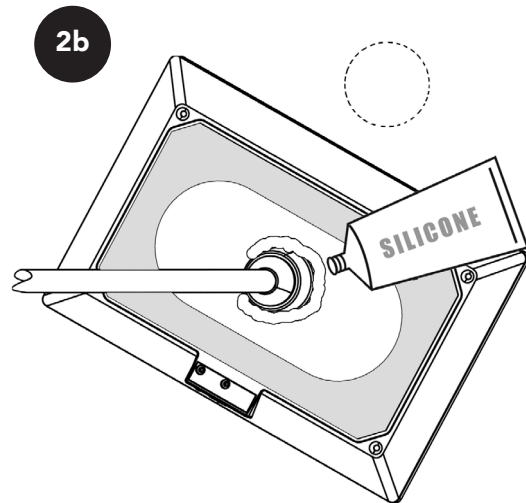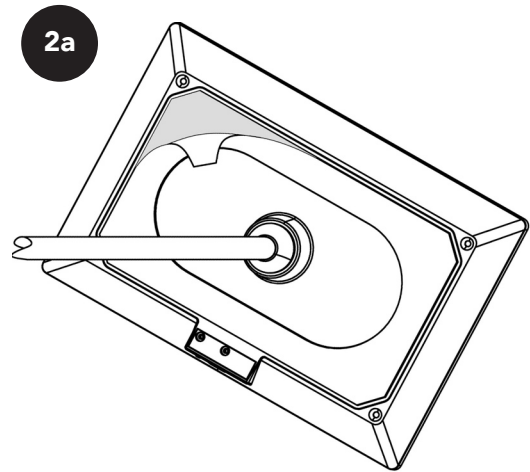
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When installing and using this electrical equipment, basic safety precautions should always be followed, including the following:

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b) Failure to recognize the need to exit the steambath;

c) Unawareness of impending risk;

d) Fetal damage in pregnant women;

e) Physical inability to exit the steambath; and

f) Unconsciousness.

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

⚠️ **WARNING** The peel and stick warning label located in the steam bath generator manual is an essential part of providing a safe environment for steam room users. The peel and stick warning label must be applied to the wall of the shower or steam enclosure, at a point that is visible to all users. Failure to install this sticker may result in serious injury or death.

The location where this owner's manual is kept shall be written in the space provided on the label using permanent ink.

For a replacement warning label contact MrSteam customer service at 1-800-76-STEAM or hello@mrsteam.com

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Not actual size

Operating Instructions

⚠️ **WARNING** Set the steam bathing duration and temperature according to personal preference, however it is highly recommended to begin steam bathing at a low temperature setting to gauge comfort and safety levels. Set the duration at 10 minutes maximum to gauge comfort and safety levels. This will allow the steam generator to heat up and begin producing steam.

Stand-By Screen
Touch anywhere on the clock screen to wake up the control

Tuesday
12:16 PM

Start your experience

Erica   Jack

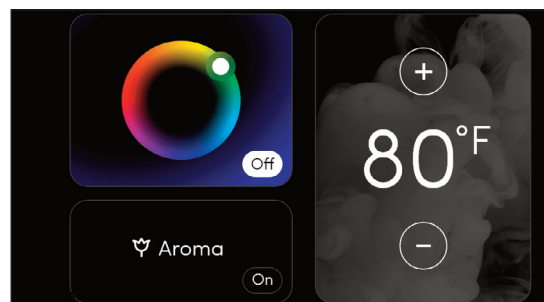‹   ›

start manually
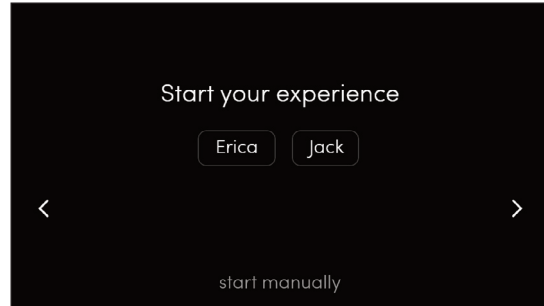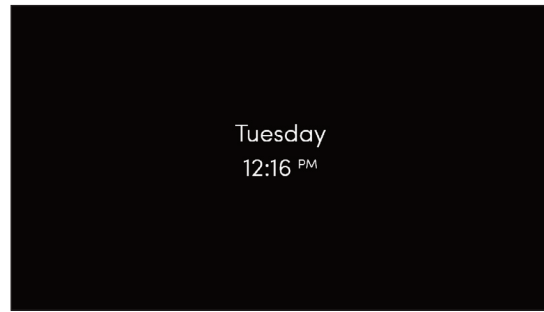
Start Screen
Press the **START** button to turn the steam generator on. If you had selected a user profile and program when the control was woken up they system will start with the saved parameters. Steam will begin to slow a few minutes after the START button is pressed. The time required for the steam room to reach steam bathing temperature depends on the steam room construction and steam generator specifications

Select a program

er workout   Morning routine 2   Morning routine   Sun

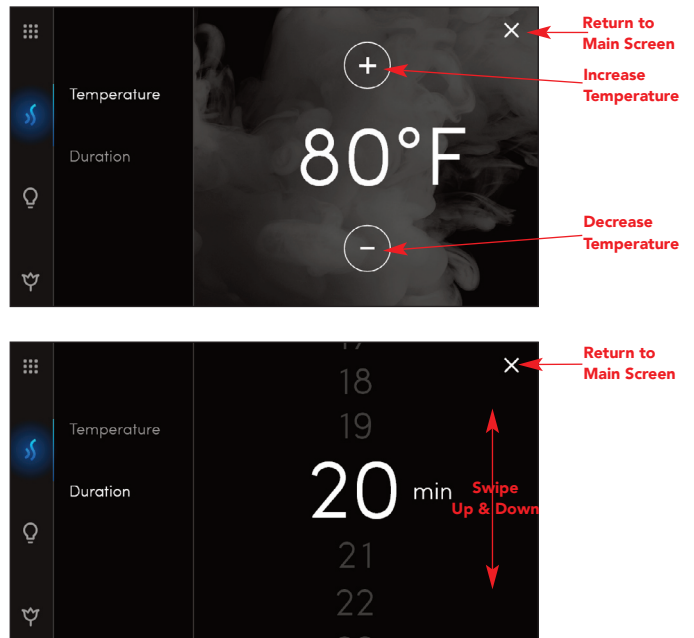‹   ›

start manually
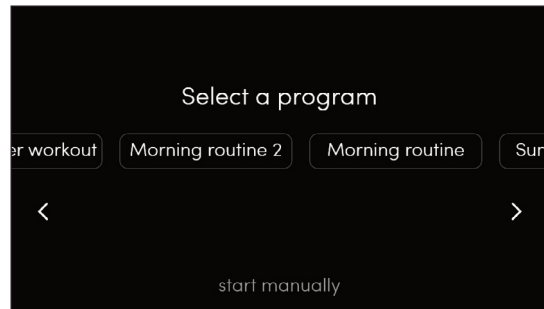
Program Selection
User settings can be adjusted two ways, while steam is running drag the dashboard up from the bottom of the screen. AromaSteam can be turned **ON/OFF**, ChromaSteam can be turned **ON/OFF** and color adjusted and the room temperature can be adjusted.

Features

Steam Settings

ChromaSteam

AromaSteam

Jake   36°C   12:16 PM

Start

Press to Start

Dashboard
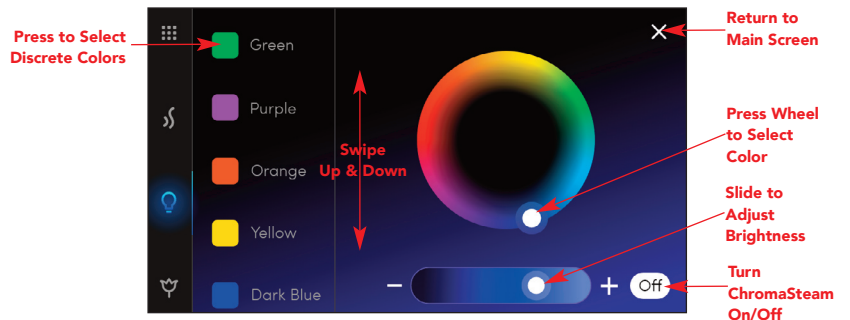
Off

Aroma

On

80°F

Steam Settings

Steam settings can also be adjusted by tapping the Steam Settings icon on the main screen. From the steam setting screen select either Temperature or Duration. To adjust temperature use the + and – buttons. To adjust duration swipe the time up and down. To return to the main screen tap the **X** in the upper right.

Return to Main Screen

Increase Temperature

Decrease Temperature

Temperature

Duration

80°F

Return to Main Screen

Temperature

Duration

20 min

Swipe Up & Down

ChromaSteam

The ChromaSteam is an optional accessory that activates colored lights in the steam room. Press the ChromaSteam button to access the dashboard. The light is turned **ON/OFF** from the interface. Touch anywhere on the color wheel to select that color. To adjust brightness, use the slider on the bottom of the ChromaSteam dashboard. *(Note: Brightness cannot be adjusted in automatic color changing modes)*

Press the discrete color selection button to pick from a preselected set of colors or one of the two color changing modes.

Press to Select Discrete Colors

Green

Purple

Orange

Yellow

Dark Blue

Swipe Up & Down

Return to Main Screen

Press Wheel to Select Color

Slide to Adjust Brightness

Turn ChromaSteam On/Off

Off

AromaSteam

The AromaSteam is an optional accessory that automatically infuses aromatic oils into the steam flow. Press the AromaSteam button to bring up that AromaSteam dashboard

Return to Main Screen

♈ Aroma

On

Press to Turn PromaSteam On/Off
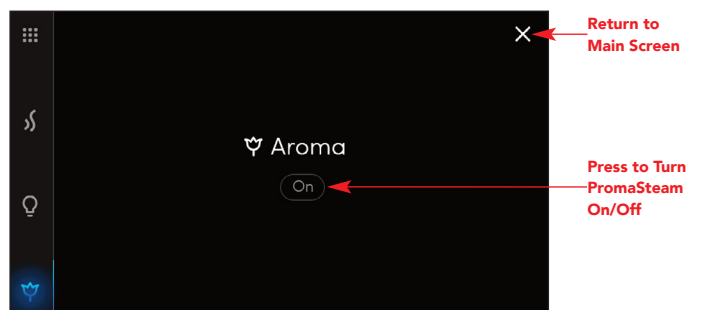
Apps

iSteamX must be connected to WiFi to use apps
iSteamX must be paired with a Mr.Steam Audio@Home to hear audio from apps iSteamX
includes a preinstalled selection of popular entertainment apps. Apps cannot be added or removed
from iSteamX. The user interface of the preinstalled Apps may differ slightly from those apps
installed on Smartphones. User accounts for the 3rd party apps are required to use some/
all of their features.

Access Apps by pressing the Features icon.

When apps are running they can be closed by pressing the [X] icon or minimized by pressing the [<].

Only one App can run at a time. An open app will automatically close if another app is opened.

User Profiles & Setting

User profiles are found in the features menu. Press
Add Profile to create a user profile. Once a user
profile is created, it can be made active by tapping
the profile name. User profiles can be deleted by
pressing the trashcan.

Return to
Main Screen

Press to Add
Profile

Press to
Delete Profile
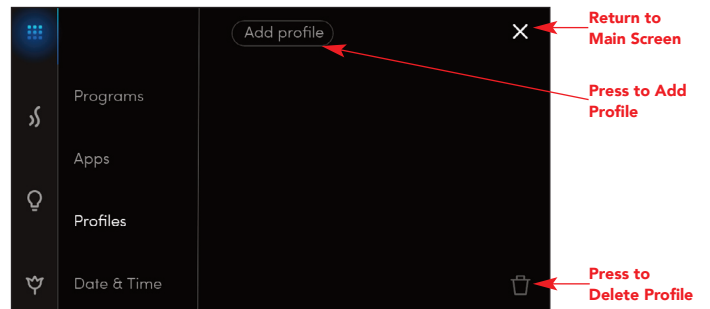
User Programs

In the features menu select a profile before
creating a program. To create a program press the
add program button. A keyboard will open and the
user will be prompted to name a program.

Return to
Main Screen

Press to Add
Program

Press to Delete
Program
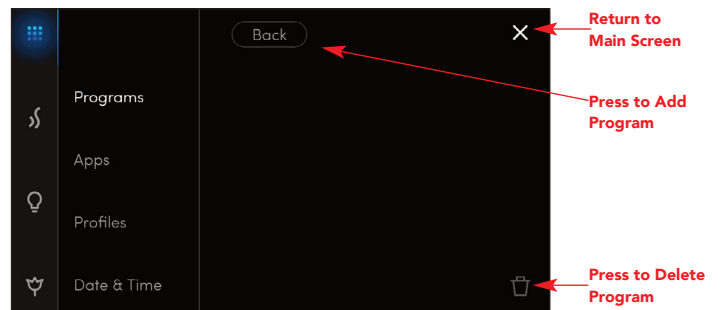
Each program can include a setting for steam and
if equipped color of ChromaSteam. Select which
options to include in the program by checking the
box. Navigate through the set up by pressing the
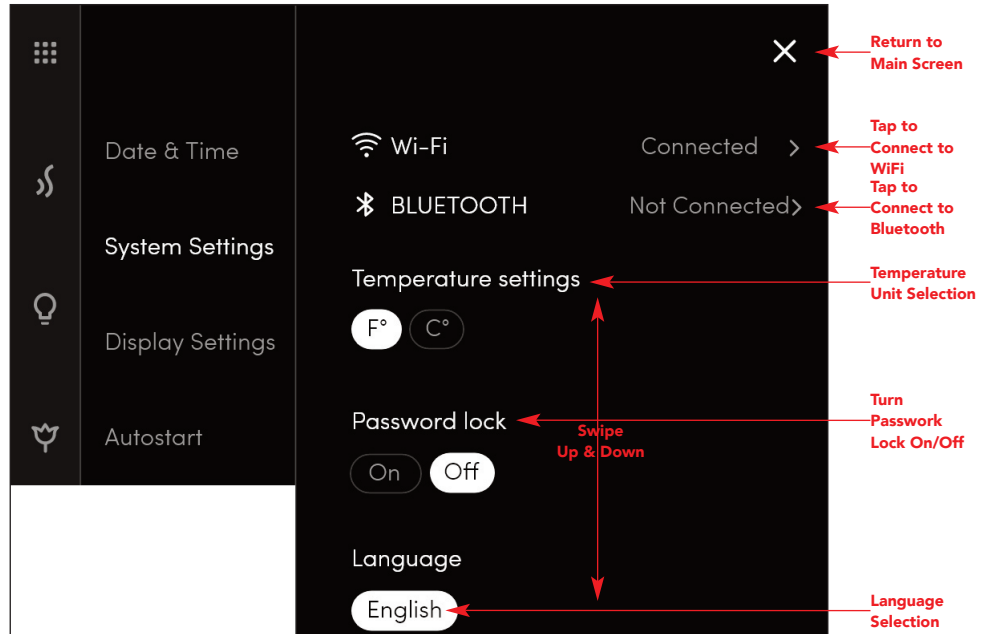**NEXT** button

Return to
Main Screen
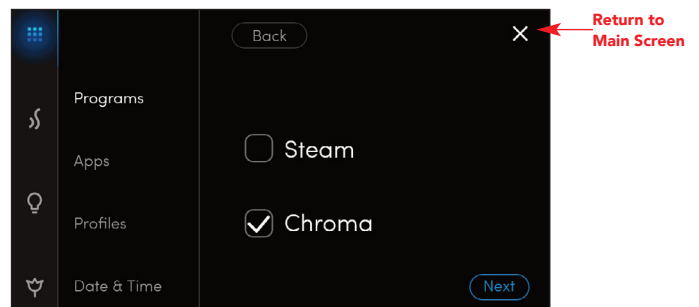
System Settings
Password Lock
The password lock can help prevent unintentional use of the steambath. Please refer to the steam generator installation, operation and maintenance manual before using the steambath. The passcode lock cannot ensure unintentional use of the steambath

To turn the password lock on, press **ON** and then enter a number when prompted and confirm to save. The next time iSteamX is turned on the user will be prompted to enter the password.

Date & Time

System Settings

Display Settings

Autostart

Wi-Fi　Connected ›

Return to Main Screen

Tap to Connect to WiFi

BLUETOOTH　Not Connected›

Tap to Connect to Bluetooth

Temperature settings

F°　C°

Temperature Unit Selection

Password lock

On　Off

Turn Passwork Lock On/Off

Swipe Up & Down

Language

English

Language Selection

AutoStart
AutoStart will automatically turn the steam generator on at your preset time. Activating the steam in an occupied room may subject persons to hazards described in this manual. Only activate the steambath if the steam room door is closed. Activating or using the steambath with an open door may cause property damage or injury to persons outside of the steam bath.

The AutoStart feature can be used to turn on the steambth at a predetermined time. Select the day(s) of the week and the time of day you would like to turn the steam bath on.
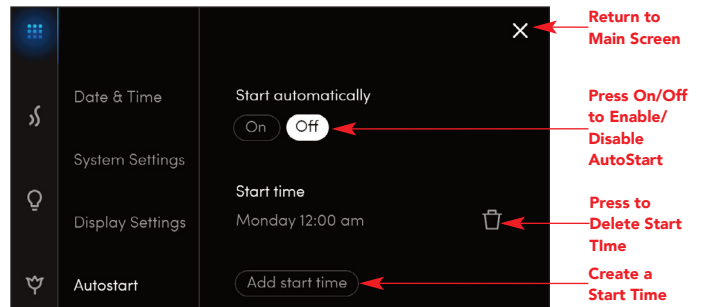
When AutoStart starts your steambath it will allow the steambath to run for only 10 minutes. To continue steam bathing press the continue button. If the continue button is pressed AutoStart will remain active.
To stop the steam bath press the **STOP** button

If the **STOP** button or 10 minute time out turns the steam generator off. AutoStart will automatically be deactivated.

To create an AutoStart time tap the Add Start Time button. Select the start time and day(s) of the week for AutoStart. A maximum of 8 start times can be programmed. To delete a start time, press the trash icon.

To turn AutoStart on press the **ON** button.

Date & Time

System Settings

Display Settings

Autostart

Start automatically

On　Off

Start time
Monday 12:00 am

Add start time

Return to Main Screen

Press On/Off to Enable/Disable AutoStart

Press to Delete Start TIme

Create a Start Time

SPAH2O

START UP OPERATION

⚠ **CAUTION** **For proper operation, a learning mode bust be initiated from the iSteamX prior to using SPAH2O.**

⚠ **CAUTION** **Ensure any unused shower valve outlets are capped prior to using the learning mode**

SPAH2O is compatible with iSteamX controls with software version 1.7.70 and higher. Contact MrSteam Technical Service at 1-800-767-8326 Ext. 1120 regarding software updates.
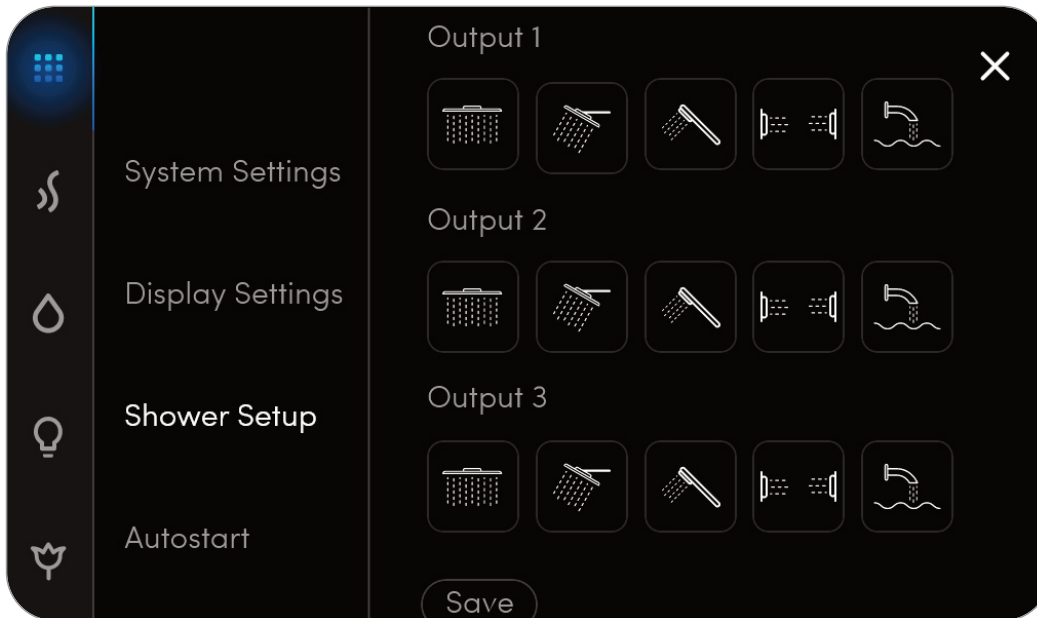
Shower Learning

From the start screen, navigate to the features menu by pressing the features icon

Navigate to Shower Setup in features menu and press Shower Learning. The hot and cold supply must be on and the shower fixtures MUST be connected. The control will display a message that says the shower learning is in progress. While the learning is taking place the outputs will open and close to learn the flow characteristics of each fixture.

*All drawing are for illustrative purposes only*

Once the shower leaning has been completed, each output can be assigned a fixture icon (note each may only be used once) Select the icon the corresponds to the output, once the selections are made press SAVE. Note: If an output is not plumbed you will not be able to make a selection for it

OPERATION

Navigate to the shower user interface using the steam / shower toggle

OPERATION
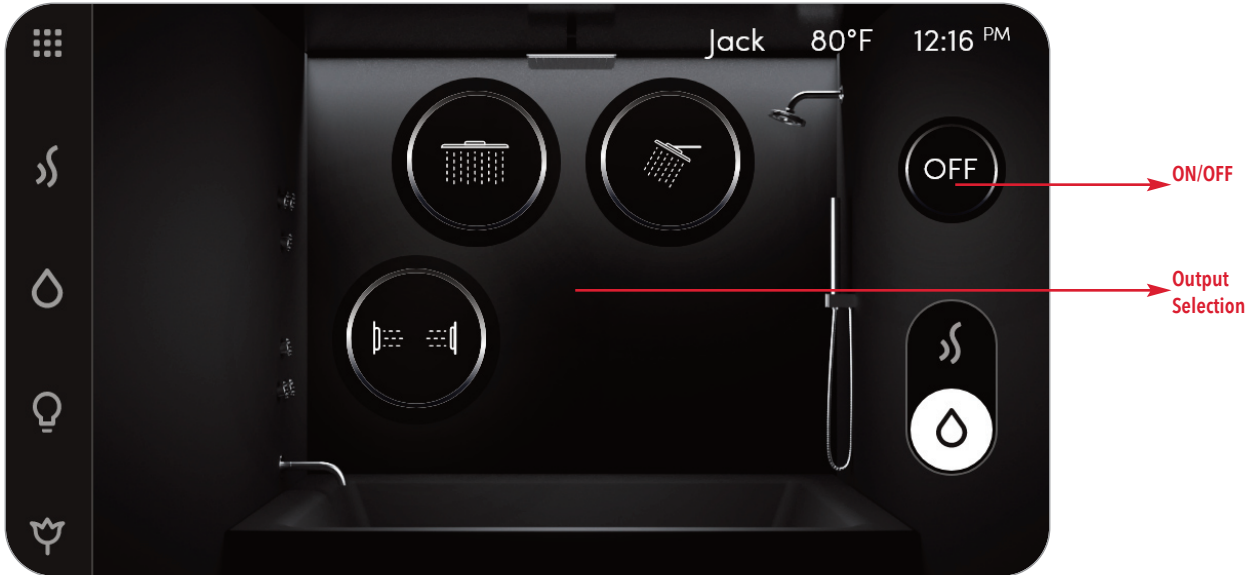
Press the ON/OFF button to start and stop the shower. The shower value will always start output 1.

Press the water droplet icon to navigate to the temperature/flow adjustment screen

SPAH20 can have 2 outlets open at a time. To open a second outlet press the icon representing that output. Pressing the icon of an active outlet will turn it off. If two outlets are open, pressing the icon for a 3rd outlet will close the two open outlets and open the third

To turn the SPAH2O off, turn off the individual outlets or press the ON/OFF button.

IMPORTANT NOTE: SPAH2O automatically turns off after 20 minutes

*All drawing are for illustrative purposes only*

OPERATION
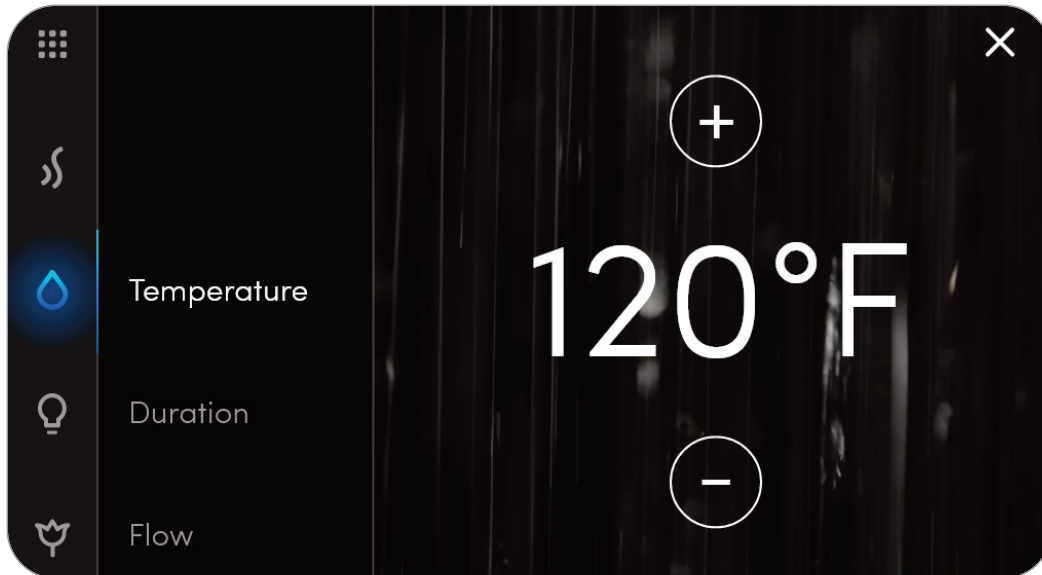
Tap Temperature to adjust the temperature of the shower. Use the + and – buttons to adjust the temperature.

NOTE: The maximum allowable set point temperature is 118 *F. iSteamX will not allow a temperature to be set above what the valve is capable of based on water supply temperatures and fixtures flowrates.
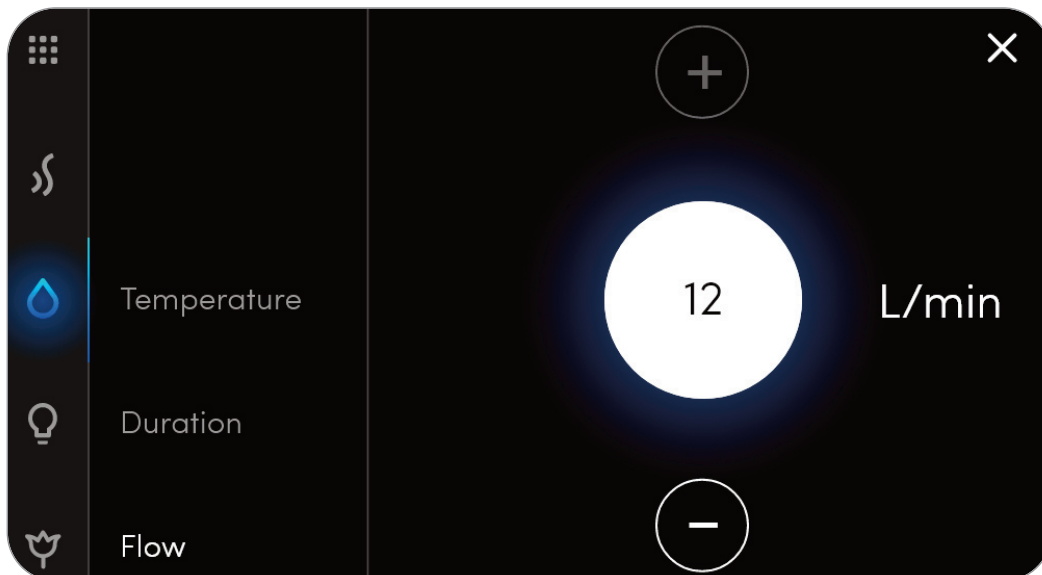
Tap Flow to adjust the volume of the shower. Use the + and – buttons to adjust the volume.

Note: maximum allowable flow rate is 5.5 gpm (21 L/min) for one output and a total of 7.4 gpm (28 L/min) when two outputs are open iSteamX will not allow the user to set a flow rate higher than the rating of the fixture. iSteamX will not allow a flow rate which is not achievable based on the temperature setting and in supply temperatures and flow rates.
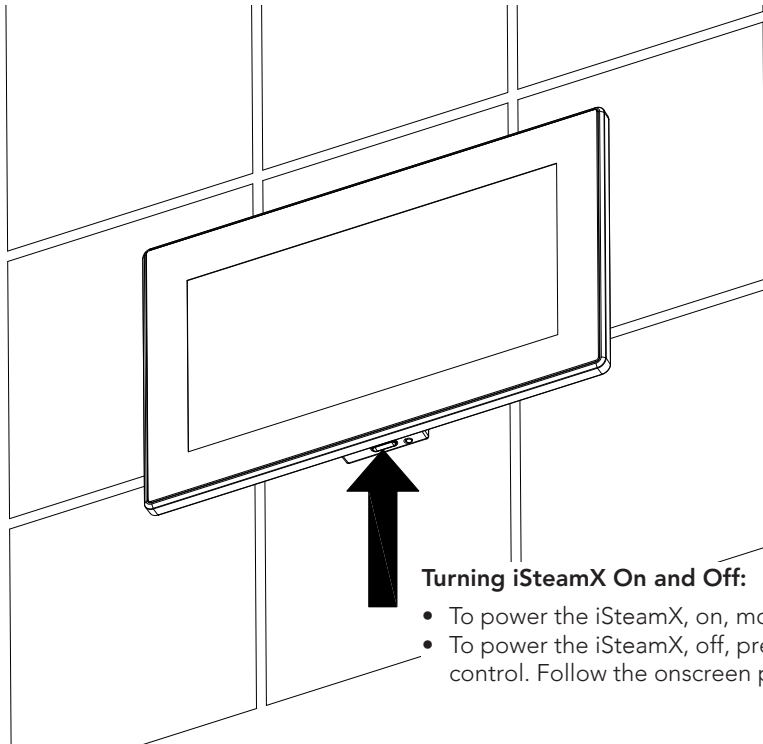
Turning iSteamX On and Off:

- To power the iSteamX, on, momentarily press the button on the bottom edge.
- To power the iSteamX, off, press and hold the button on the bottom edge of the control. Follow the onscreen prompts for power the iSteamX, off

Care Tips

Use only mild soap and water on a soft cloth to clean the control. Do not use abrasive cleansers.

Safety & Operating Information

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

⚠ **WARNING** Set the steam bathing duration and temperature according to personal preference, however it is highly recommended to begin steam bathing at a low temperature setting to gauge comfort and safety levels. Set the duration at 10 minutes max. to gauge comfort and

safety levels. This will allow the steam generator to heat up and begin producing steam.

⚠ **CAUTION** Do not use any iSteamX control without reading and understanding the Mr.Steam steam generator Installation and Operation Manual (PN 100472). Failure to read and understand these instructions may result in an inoperative or hazardous installation.

⚠ **CAUTION** If an iSteamX control is installed outside the steam room a Remote Temperature Probe (PN MSTS) must be installed inside the steam room per installation instructions supplied with the Remote Temperature Probe. Failure to install according to instructions will result in an inoperative control and overheating of the steam room.

Warranty

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

FCC Statement:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

ISED Statement:

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:
1. This device may not cause interference.
2 This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux. CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:
1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. Cet émetteur ne doit pas être colocalisé ou fonctionner en conjonction avec une autre antenne ou un autre émetteur. The device meets the exemption from the routine evaluation limits in section 2.5 of RSS-102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

Le dispositif rencontre l'exemption des limites courantes d'évaluation dans la section 2.5 de RSS 102 etla conformité à l'exposition de RSS-102 rf, utilisateurs peut obtenir l'information canadienne surl'exposition et la conformité de rf. Cet émetteur ne doit pas être Co-placé ou ne fonctionnant en même temps qu'aucune autre antenne ouémetteur. Cet équipement devrait être installé et actionné avec une distance minimum de 20 centimètres entre le radiateur et votre corps.

Description of Operation

Description

The product is a 7" Panel-PC based on Rockchip PX30 Cortex 35 chipset platform with Android 10.

The central processor units include the CPU, DDR memory and flash.

The PX30 is the main application processor, and SAMSUNG 2GB DDR3 system memory at PCBA. The SAMSUNG 16G eMMC is the system internal storage for OS or other data. The wireless unit includes WIFI/BT. The 6221A-SRC module provides the highest level of integration for a mobile or handheld wireless system with integrated IEEE 802.11 a/b/g/n/ac standard and Bluetooth® 4.2.

The panel-PC will starting up automatically when powered on, the panel PC will display the boot up logo.

The system will discontinue transmission automatically and make the module enter standby mode with no connection. It cannot send and receive any data to preclude the transmission of control or signaling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals.

Technical Specifications

WIFI Module
- Operation frequency: 2.412 GHz ~ 2.462 GHz (2.4 GHz ISM Band), 5.180 GHz ~ 5.240 GHz, 5.745 GHz ~ 5.825 GHz (5.0 GHz ISM Band).
- WLAN function: Supports 802.11a, 802.11b, 802.11g/n, 802.11ac
- Modulation Type: Supports DBPSK/DQPSK/CCK(DSSS), BPSK/QPSK/16QAM/64QAM(OFDM), BPSK/QPSK/16QAM/64QAM/256QAM(OFDM)
- Modulation type Transfer Rate (Mbps):
  - o 802.11a : 6, 12, 54Mbps
  - o 802.11b : 1, 11Mbps
  - o 802.11g : 6, 12, 54Mbps
  - o 802.11n: 6.5, 13, 19.5, 26, 39, 52, 58.5, 65Mbps
- Antenna Type: PCB
- Gain: 1.3dBi for 2.4G and 1.3dBi for 5G.

Bluetooth Features
- Compliant with Bluetooth4.2 specification
- Operation frequency: 2402MHz~2480MHz
- Modulation Type: GFSK, π/4DQPSK, 8DPSK
- Antenna Type: PCB
- Gain: 1.3dBi

Crystal
Main board: 24MHz for CPU, 32.768KHz for PMU, 25MHz for PHY.

www.mrsteam.com

Products, information and specifications are subject to change without notice.
Please call Technical Support at 1.800.76.STEAM (East Coast) or 1.800.72.STEAM (West Coast) for more information.

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