



# INSTALLATION MANUAL

## HomeFit Steam System



**Replacements Parts:** Inside of your warranty period contact: [www.insigniarange.co.uk/support](http://www.insigniarange.co.uk/support)

**Spares/Replacements Parts:** Outside of your warranty period visit [www.insigniaoutlet.co.uk](http://www.insigniaoutlet.co.uk)

**ATTENTION INSTALLERS:**

These instructions must be left with the customer



# HomeFit

## 3kW Steam System

**CHECK ALL CONTENTS BEFORE BUILD COMMENCES. NO RETURNS CAN BE MADE ONCE THE BUILD HAS STARTED AS IT IS DEEMED ACCEPTANCE OF PRODUCT!**

WARRANTY REG NO: \_\_\_\_\_

To claim your extended warranty, register your shower within 90 days at: [www.insigniarange.co.uk/warranty](http://www.insigniarange.co.uk/warranty)

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Thank you for your recent purchase of an Insignia HomeFit Steam System. Please read this booklet with great care to ensure you get the best out of your build and have a steam room that will last for many years to come!

Like everything, in order to obtain a first class product that will serve you well for many years, the effort and correctness put into the assembly will reflect in the quality of your finish, therefore if you find the undertaking of installing this is beyond your capabilities we recommend you employ the services of a third party.

## **WARNING**

Do not mount outdoors. Protect from freezing.

Unit must be located as to allow access for service.

The generator will not operate properly, unless it is mounted level with the arrows pointed up.

Do not put a shut off valve in the steam line. Avoid traps and valleys where water could collect and cause a steam blockage. The hot steam line must be insulated against user contact.

Centring the steam pipe is critical in rooms made of plastic, acrylic, resin, fiberglass or similar materials. Allowing the steam pipes to touch materials not rated for 212 degrees Fahrenheit or higher will result in damage to these materials.

Do not install the steam head near bench(es) or where steam may spray or where condensation will drip on the user as this will present a scald hazard.

The steam pipe entry and any other entry into the steam room must be caulked to avoid damage caused by steam leakage into the wall.

## What's in the Boxes?



## Kit Included within this box:

- 1 x 3kW Steam Generator
- 1 x Chrome Steam Outlet
- 1 x White Insulated Thermo pipe
- 2 x Speakers
- 2 x Speaker Covers
- 1 x Speaker Splitter Cable
- 1 x Ozone (o3)
- 1 x Drain Hose
- 1 x Insignia Bluetooth Touch Control Panel



## Steam Room Design Basics

### Step 1

Choose your steam bath space. The ideal ceiling height is 7' to prevent uncomfortable cooler temperature variations near the floor, and we recommend going no higher than 8'. If the ceiling has to be higher than 8'. A ceiling slope of at least 3/4" per foot will prevent condensation from dripping on bathers. The steam bath space also has to be totally enclosed, with a vapor proof steam room door to prevent steam from escaping. All inside surfaces must be completely sealed with a waterproof material such as tile. A floor drain should be centred in the room. The rough opening size of the Steam Room Door will need to be properly framed in before tiling room. Skylights and exterior windows are not recommended for efficiency, and the steam will block the view through the window. Tip: ask your local home or building supply centre for proper vapor barrier to install before tiling over walls, ceiling and floor. The best vapor barrier will be a large sheet that will cover ceiling and walls with 1 piece (less seams is better).

### Step 2

Select a non-porous wall and ceiling surface material that complements the decor of your bath. Porcelain tile, marble, granite, travertine and ceramic tile are great surface materials for steam baths. To ensure the most comfortable steam bathing experience possible, choose a generator sized for the dimensions and unique characteristics of your steam shower. Tip: Ask your local home or building supply centre for proper backing materials and adhesives to securely attach surface material (tile, marble, etc) over vapor barrier. If you are not familiar with tiling a room, it may be best to hire a professional to install the surface material in your steam room.

### Step 3

Find a good spot to install the steam generator. Within 10 feet of the steam head is recommended by most manufacturers. Utility hookups include wiring a dedicated 240V electrical circuit back to the board and plumbing in a fresh water line. Common locations include, a bespoke cabinet outside the shower, a nearby closet, basement or attic. IMPORTANT: the steam generator system will need to easily be accessible for occasional maintenance and should not be exposed to freezing temperatures. It must never be installed in the actual steam room itself.

# TOTAL ELECTRICAL REQUIREMENTS

## STEAM GENERATOR

Voltage Rating 220 -240AC

Frequency Rating 50HZ

Power Rating 3kW

Other than steam generator

Internal Circuit Voltage is 12V

Internal Current Rating 0.17A

Your electrical contractor should understand **ALL** legal requirements of connection before undertaking any work or installation.

### **UNDER NO CIRCUMSTANCES UNDERTAKE THIS YOURSELF!!!**

Note for electrician: This product comes with 13 amp plug(s) fitted with an RCD unit. We leave it this way for you to connect it your own way due to continued additions to current regulations.

1) Connect within current laws and IP directives.

2) (Preferred) Wire into isolated fused feed connecting directly to the house consumer/service box.

Always use protection against electrical surge. Your shower should be treated the same as a home computer. A surge protector should eradicate the possibility of either the transformer or control panel being burnt out.

Electrical work needs to be signed off by a fully qualified operative by law. Failure to adhere to this will not only void your electrical warranty for your HomeFit Steam System, but could void your house insurance too.



**SET UP INSTRUCTIONS:**

1. Remove all packaging and test everything works on a work bench first. Make sure the steam generator is sitting the correct way up (see arrow on the side of the unit) before filling up with water. Failure to follow this will result in the unit not working correctly and could damage the product. Turn the unit on and check the steam works correctly. Whilst it should do in all cases, this step just ensures a smooth set up, and if it doesn't work after the set up you know it will be an installation problem. NOTE: When you turn the system off, hot water will drain from the generator so **PLEASE** ensure you have a sufficient drain away (see drain outlet location on the steam generator) so you do not scald yourself.
2. Once everything has been checked you can perform the install as per overleaf...

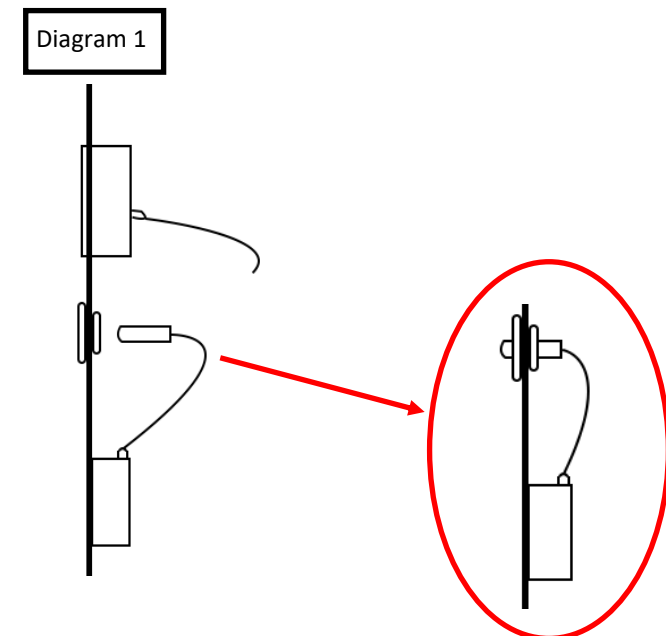
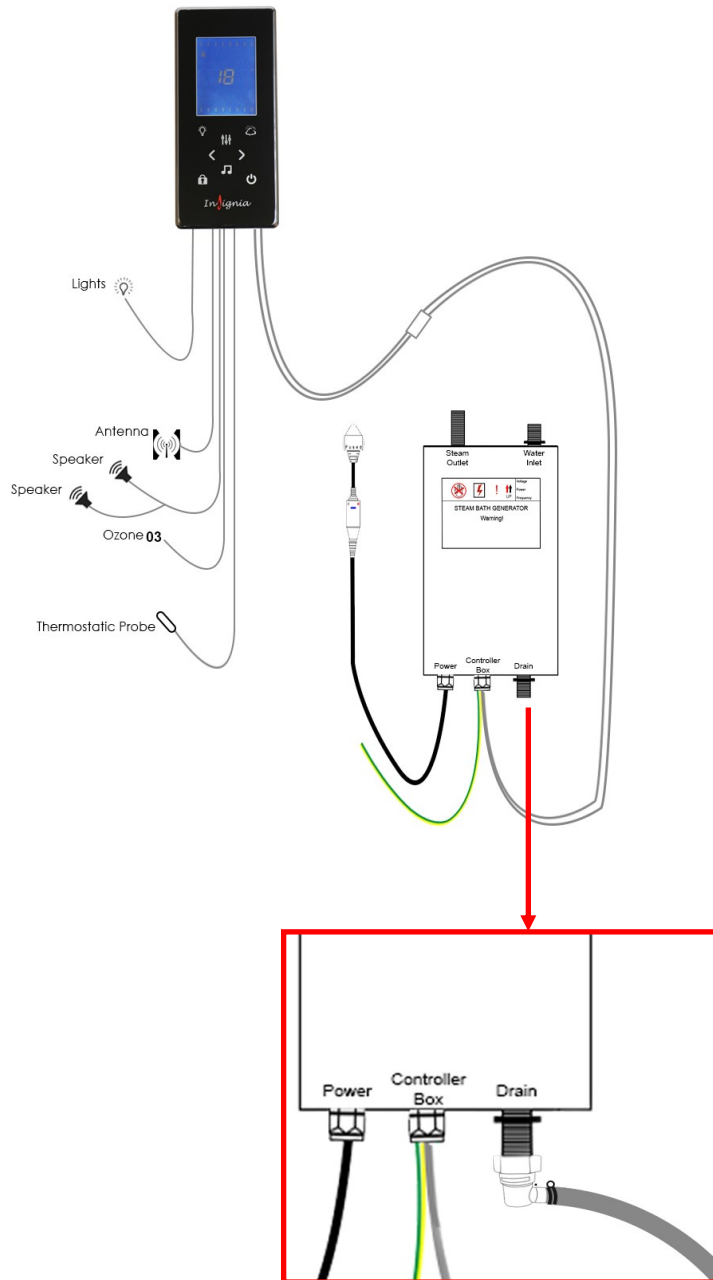
Above is the typical set up for installing your HomeFit Steam System.

## Installation Guidelines

- 1) Locate your control panel in to the back wall of the steam room or wherever your planned location is. Set this to an approximate head height. You will need to mark out the 4 corners of the control panel and cut out the hole. Once done silicone the panel in to position. Remember when you mark out the 4 holes, you do it on the size of the back of the control panel, **NOT** the front as this will create a hole which is too large. Also remember to ensure the cable reaches the location of where you plan to mount the electric box and steam unit so everything connects easily.
- 2) Locate your steam generator in to the correct position following the arrow on the side of the unit to denote the correct way it should sit. Make sure it's firmly secured and won't fall over.
- 3) Once all the items have been located in to position you can begin the hook up.
- 4) Connect a 15mm pipe to the house mains and the inlet marked (water in) it's advisable to ensure you have an on/off valve fitted before the inlet to ensure you can isolate the water in case of an emergency.
- 5) Connect the white insulated thermo pipe to the steam generator and the other end to the location on the wall where you plan to attach it to the steam outlet. Remember you will need to ensure the pipe reaches where you plan to mount the steam outlet, and ensure it's close to the floor.
- 6) Locate the steam outlet on to the wall position (preferably 100mm from the floor and attach the other end of the white insulated pipe to it. You will require a 15mm wall cutter to make the cut for the steam outlet. **IMPORTANT!** The steam outlet gets very hot during operation so it's advisable to make sure it's located in a safe place, or has a guard built around it to prevent anybody from getting scolded.
- 7) Connect the drain hose to the 'Water Out' connection on the steam unit. This needs to be adapted in to the house waste to carry any condensation/water waste which is produced during operation and when you have finished using the unit.



- 8) Connect up the control panel to the steam generator by the aid of the 2 ends male/female and ensure you have a tight fit.
- 9) Drill a 6mm hole about 1200-1400mm from the floor. The location doesn't have to be exact, just as long as it's in the room somewhere around this height and not going to be obstructed. Next insert the chrome sleeve which holds the temperature probe into place. Tighten up the hex nut from the rear (if possible) and insert the probe in to the hole, allowing it to protrude in to the steam room about 3mm. Run a bead of silicone behind the probe to secure it in to place. (See diagram 1)
- 10) Connect any further internal fittings such as lights, speakers, ozone etc. that you may wish to add to the install.
- 11) Plug the unit in and test everything works and is safely installed and signed off by an approved electrician. Once done your electrician will assign you with a minor works certificate to verify everything is in full and safe working order.



## Control Panel Instructions



### Button 1 (Lights)

Once the control panel is switched on, the lights (if installed) will come on automatically. Press the Light button once and the lights will start to scroll through the multiple colour options. Then to stop the lights on a specific colour simply press the light button again on the desired colour. To turn the lights off press the light button again.

### Button 2 (Steam)

To start the steam function, simply press the steam button (which looks like a cloud). To set the time and temperature of the steam session, simply press the mode button (button 3) and then use the arrows to scroll up and down (button 6)

### Button 3 (Mode)

This will do nothing on start-up, however it will be your go to button when using steam, radio and Bluetooth options

### Button 4 (Padlock)

This is your unlock button. After twenty seconds of inactivity the steam function will lock on the panel. This is done as a safety feature, so it can't be accidentally activated. Other buttons will remain functional whilst in this state of 'lock mode'

### Button 5 (Music)

Press once for FM Radio and press twice for Bluetooth. For tuning radio stations or connecting Bluetooth, please see the next page. For volume control, once on the radio or Bluetooth setting press Mode (button 3) then use the left and right arrows to change the volume. The volume is denoted by a number followed by the letters 'db'

### Button 6 (Left and Right Arrows)

This will do nothing on start-up, however they are multi-functional depending on what setting you are using. When in the radio setting you can use them to change the station. When using the Bluetooth setting you can skip forward or back tracks in your playlist. You can also control the volume with these arrows as directed above.

### Button 7 (Power)

Press once to turn on the panel. Simply press again to turn it off. When powering down the 03 will automatically start and last for approximately 10 minutes. After this the screen will power off.

To see our tutorial videos for operating Insignia control panel's, please search for "Insignia Showers" on YouTube and find our "Insignia Control Panel" Playlist, or you can [click here](#)

# Control Panel Instructions

## Connecting to Bluetooth

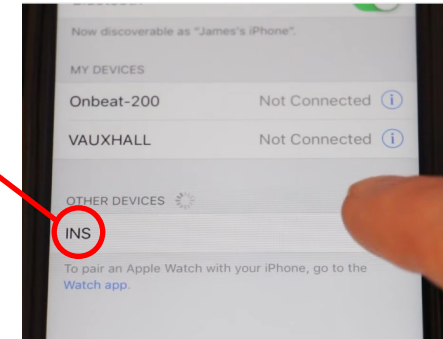


### Step 1

To connect a device via Bluetooth, press the music function button twice (which looks like a musical note) the control panel will then show "INS".

### Step 2

Then simply go on your device and pair up with the panel which should be shown as "INS". Once this is complete you will hear a beep to signify you're connected and ready to listen to any music of your choice.



## Tuning your radio channels



### Step 1

To tune your radio channels firstly press the music function button (which looks like a musical note)



### Step 2

Then once the radio is on press and hold the mode button until it starts scrolling.



### Step 3

Finally, once the panel has finished scrolling then use the left and right arrows to cycle through all the radio stations that were found.

## Steam Room Guide

1. Never allow children to use the steam function. This function is for **ADULTS ONLY**.
2. Always be aware of the steam outlet position. Never use in close proximity to the person using it.
3. Exit the steam room immediately if feeling dizzy, faint or short of breath.
4. Do NOT use the steam room if you're pregnant, have a heart condition, have low or high blood pressure. If you're unsure consult your GP before use.
5. If you have any underlying health conditions which you feel could be aggravated by using a steam room, consult your GP before use.
6. If you begin to have any issues with your health after using a steam room, stop immediately and consult your GP regarding your symptoms before continuing to use.
7. Consult your GP before using the steam room if you're on medication at all, especially with drowsy side effects.
8. Never use this Steam Room if you have been drinking alcohol or under the influence of other substances.
9. This product is not to be used for washing/bathing animals.
10. Always turn power supply off after use.
11. Always turn water supply off after use.
12. Ensure room is well ventilated after a steam session by using your bathroom extraction fan or opening a window.

## Steam Room Usage Guide



1. To use the steam room, turn the control panel on. (1)
2. Press the steam button (2) and your generator will be fed with water and the heating element will begin to heat the water to create steam. (You should be seeing steam from your outlet in approximately 60-90 seconds)
3. To set the temperature you want the cabin to reach, press the function button (3) once the steam is active. You will see a small °C to the right of the display. The large number in the middle of the display can be changed by pressing the arrows (4). The maximum temperature you can reach is 60°C . The average temperature in a steam room is approximately 45°C .
4. To set the length you wish the steam to run for, press the function button again (3) then use the arrows (4) to set your desired time. The maximum length that can be set is 60 minutes.
5. You should only steam for approximately 15-20 minutes per session at it's desired temperature. Due to the heat, your body can overheat, dehydrate and cause light headedness. This is very important if you are very new to steam rooms.

## WEEE Compliance Statement

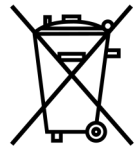
The UK Waste Electrical and Electronic Equipment (WEEE) regulations came into force on 2 January 2007. Under this new legislation, producers of electrical and electronic equipment (EEE) have to fulfil certain obligations.

Under the WEEE directive Insignia is considered the producer of certain products we supply and in line with the demands of the legislation we are pleased to offer the opportunity to return these products to us for treatment and recycling.

Insignia products will generally have an identifying mark and the common crossed out wheelie bin label. We accept returns of all products carrying the Insignia brand. All other products are either considered outside the scope of WEEE or Insignia is not technically the producer of these products. Insignia also accepts historic like-for-like WEEE returns. All WEEE returned to Insignia will be recycled in appropriate treatment and recycling centres in accordance with the legislation. If you wish to return any products to us, please send your item(s) to our head office.

Company Contract No. 326457

WEEE Producer No. CBDU64227



### LABELLING

Products labelled with the WEEE symbol (a crossed out “waste bin”) indicate that the final user should not discard this product along with other household waste, but that it must be collected and treated separately.



### Returns Address for WEEE

Insignia

9a Deans Road, Old Wolverton, Canon Industrial Park, Milton Keynes, Buckinghamshire, MK12 5NA, UK



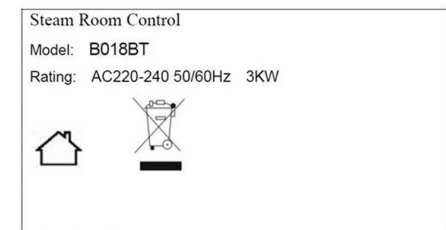
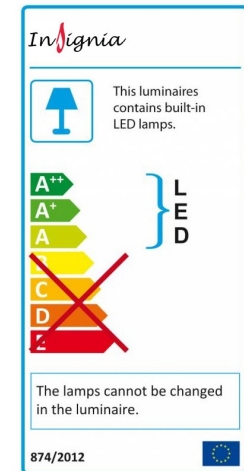
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Insignia declares that all its products complies with the essential requirements and other relevant provisions of Directive 305/2011/EC. A copy of the Declaration of performance is available from [www.insigniarange.co.uk/ce.aspx](http://www.insigniarange.co.uk/ce.aspx)

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