

# Installation Manual

Please keep this page for your online registration.

No. FIRDRDA09V1.0





#### CAUTION

1. Follow installation instructions carefully to ensure unit is properly attached to the wall.
2. To avoid a possible fire hazard, it is essential unit is mounted in accordance with guidelines stated in the instruction.
3. Radiator is intended for indoor use only, do not place radiator inside a shower, steam room, or wherever unit would be exposed to water.

## TECHNICAL DATA

It should only be filled with water, and at a temperature below  $100^{\circ}\text{C}$  ( $212^{\circ}\text{F}$ ). See table below for installation requirements. If the temperature exceeds  $48^{\circ}\text{C}$  (or  $120^{\circ}\text{F}$ ), please install a warning sign near the product to avoid burning and scolding accidents.

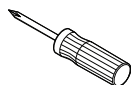
Temperature:  $0^{\circ}\text{C} < t \leq 100^{\circ}\text{C}$

Comments: If ambient temperature drops below  $1^{\circ}\text{C}$ ,  
drain out the water to prevent freezing.

#### Important

Wipe the surface clean with a soft, damp cloth. Never use abrasive cleaners on this product as they will damage the surface.

## TOOLS YOU MIGHT NEED



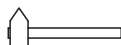
Screwdriver



Pencil



Adjustable Wrench



Rubber Hammer



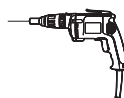
Glove



Tape Measure



Spirit Level



Electric Drill



Clean Cloth

## IMPORTANT CHILD SAFETY NOTE

Important: Please note that you are 100% legally responsible for your own child's safety at home. Once the radiator is installed, it can become a hazard for children as a) This radiator is not designed to support unreasonable extra weight, such as that of a child, and b) The radiator becomes hot during use. Due to this, we must stress that you should not allow children to climb/grab/play with the radiator or rails, as this can cause accident or injury for the child, from heat, falling, or the radiator being pulled off the wall.

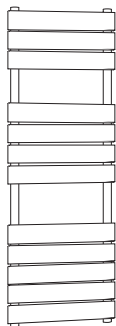
### BEFORE INSTALLATION

- Observe all local plumbing and building codes.
- Shut off the main water supply.
- Read these instructions carefully to ensure proper installation.
- Check to make sure you have the following parts indicated below.



**CAUTION**

**Please check you have all of these items in the box.**



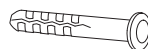
**Body  
X1**



**Airvent  
X1**



**Blanking Plug  
X1**



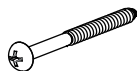
**Masonry Wall Plug  
X4**



**Wall Bracket  
X4**



**Wall Bracket  
X4**



**Long Screw  
X4**



**Small Screw  
X4**



**Washer  
X4**



**Screw  
X4**

### REQUIRED PARTS

Option1: Thermostatic heating element(1pc)+ Blanking plug(1pc)+ Thermostatic controller(1pc)  
Option2: Heating element(1pc)+ Blanking plug(1pc)  
Option3: Valve(2pcs)  
Option4: Valves(2pcs), T-piece(1pc), element(1pc) or thermostatic and element(1 set, FOR DUAL FUEL OPTION)

# INSTALLATION PROCEDURE

1

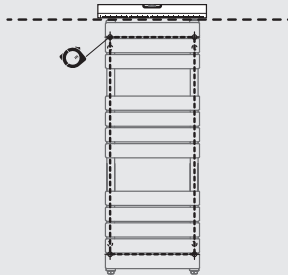
Position the towel rail in desired location check for level and mark four equal positions for the brackets.



Make sure the towel rail is installed vertically.



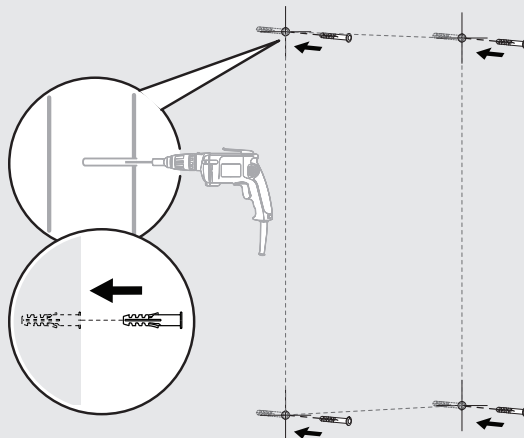
Before installation place a dust sheet on the floor to prevent losing any small parts.



Allow enough room for the installation of valves and or thermostatic controls.

2

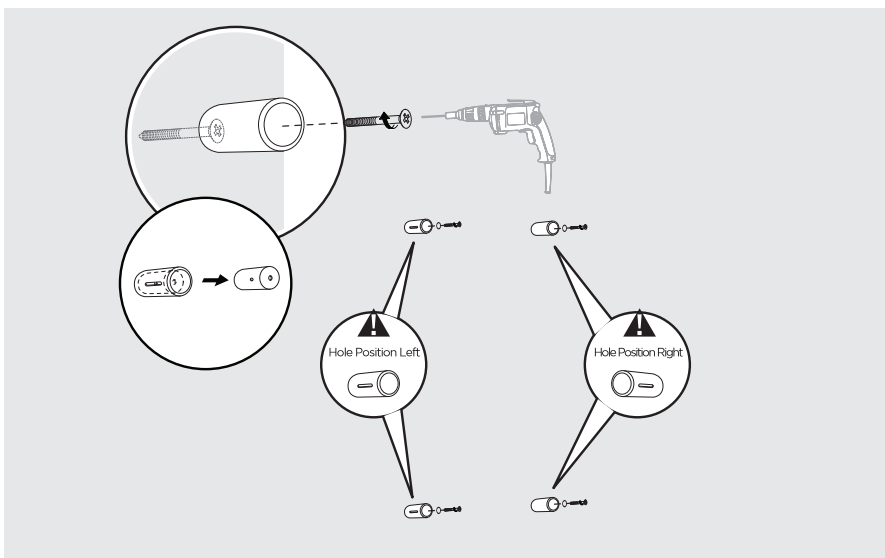
Drill holes in wall and insert wall plugs. N.B For false or studed walls different fixings can be purchased from your local DIY store.



## INSTALLATION PROCEDURE

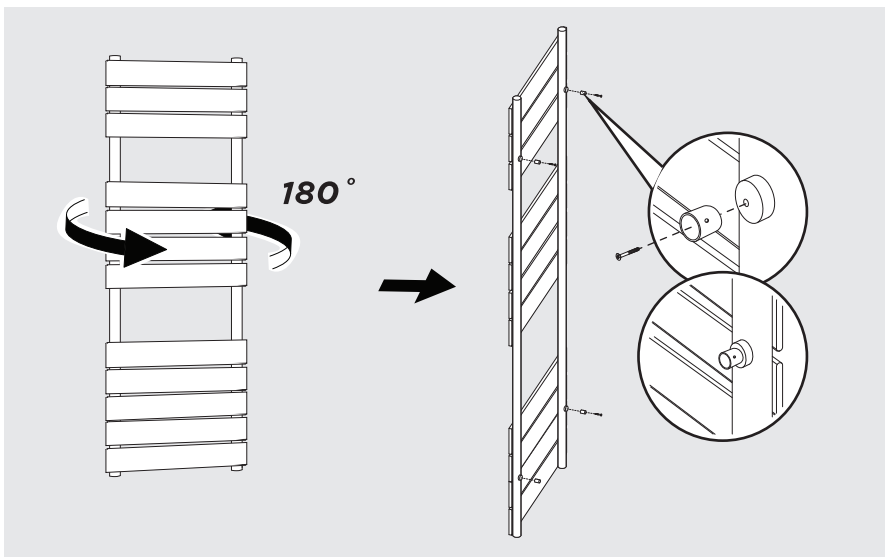
3

Separate the two bracket pieces and fix the larger one to the wall.



4

Fix the smaller piece to the back of the radiator.



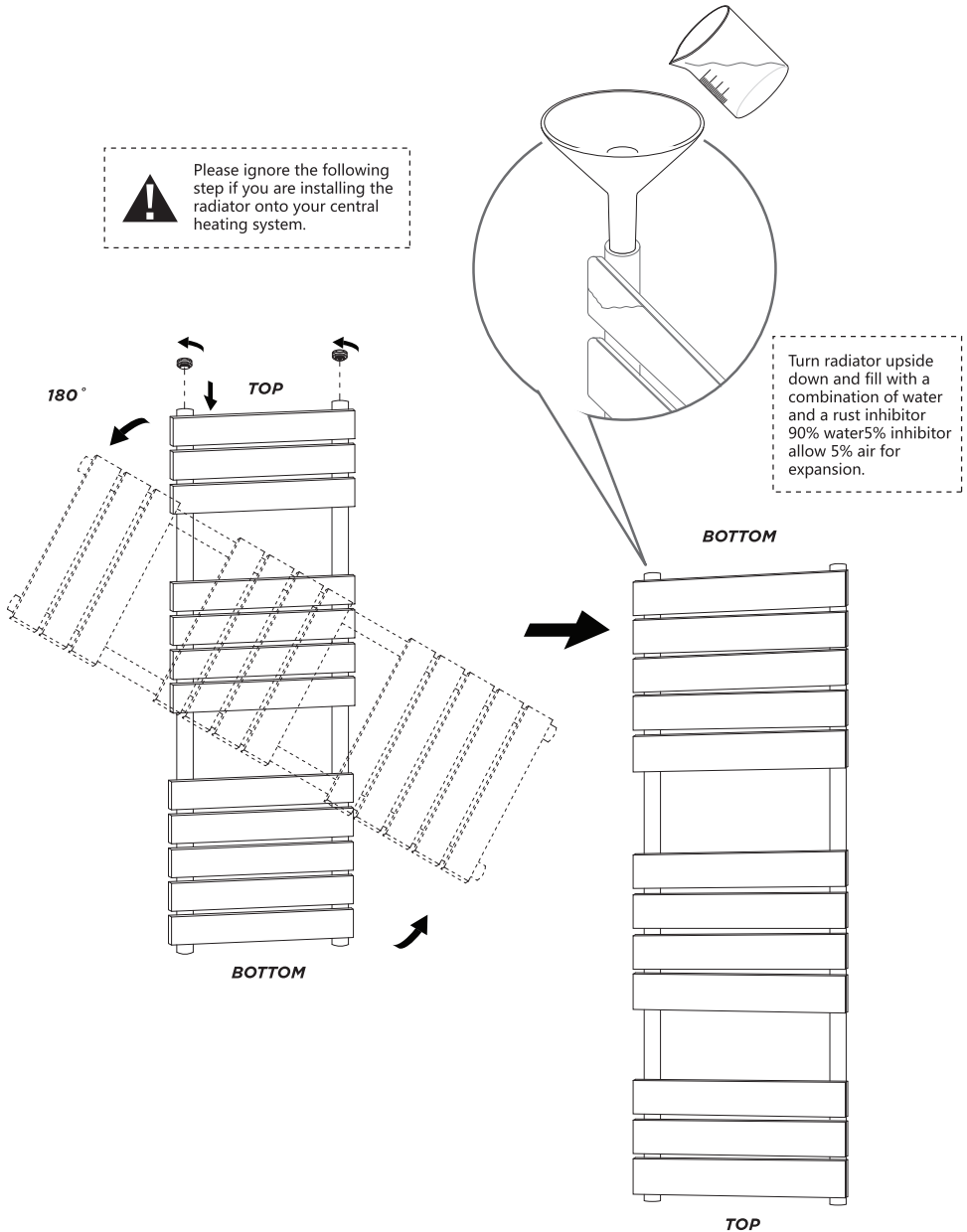
## INSTALLATION PROCEDURE

5

Wrap PTFE tape around the blanking plug and bleed valve threads insert into the top of the radiator tighten with spanner.



Please ignore the following step if you are installing the radiator onto your central heating system.



# INSTALLATION PROCEDURE

6

Wrap PTFE tape around the blanking plug and element threads insert into the bottom of the radiator and tighten with spanner.



Please make sure the heating element is tightened securely.



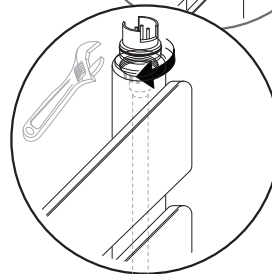
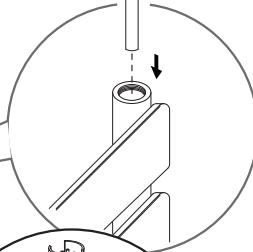
Before starting place a dust sheet on the ground to prevent damage and any spillage.

Option1

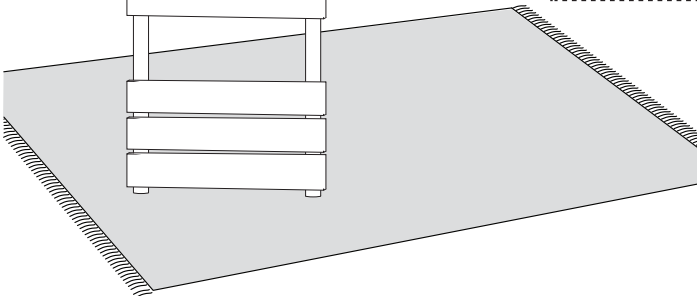
Thermostatic Heating Element



6a push of the thermostat and lock into place



N.B please note the electrical wiring must be carried out by a qualified tradesperson.



# INSTALLATION PROCEDURE

7

Wrap PTFE tape around the blanking plug and element threads insert into the bottom of the radiator and tighten with spanner.

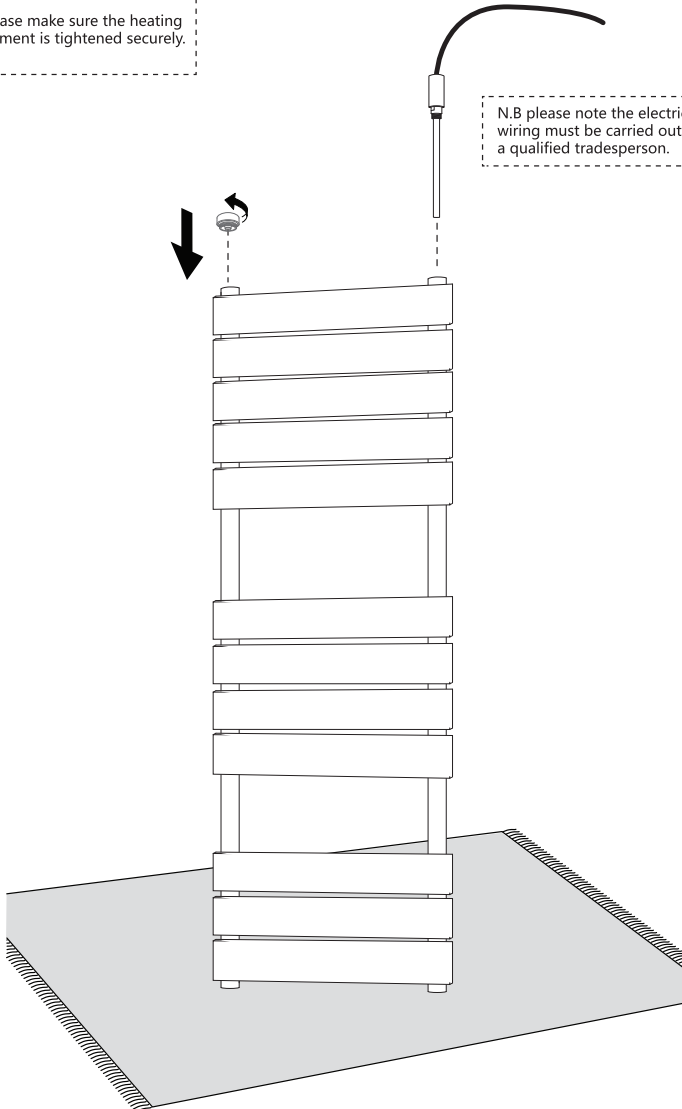
**Option2**

Heating Element



Please make sure the heating element is tightened securely.

N.B please note the electrical wiring must be carried out by a qualified tradesperson.

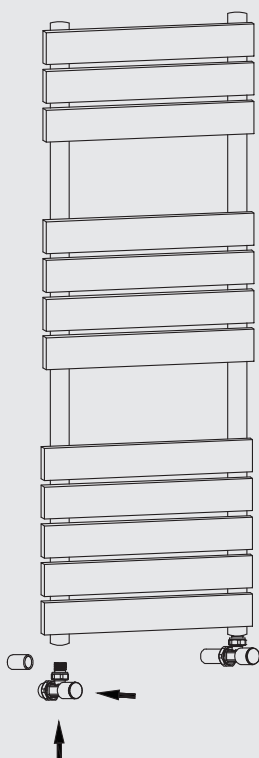




# INSTALLATION PROCEDURE

8

**Option3** Valve

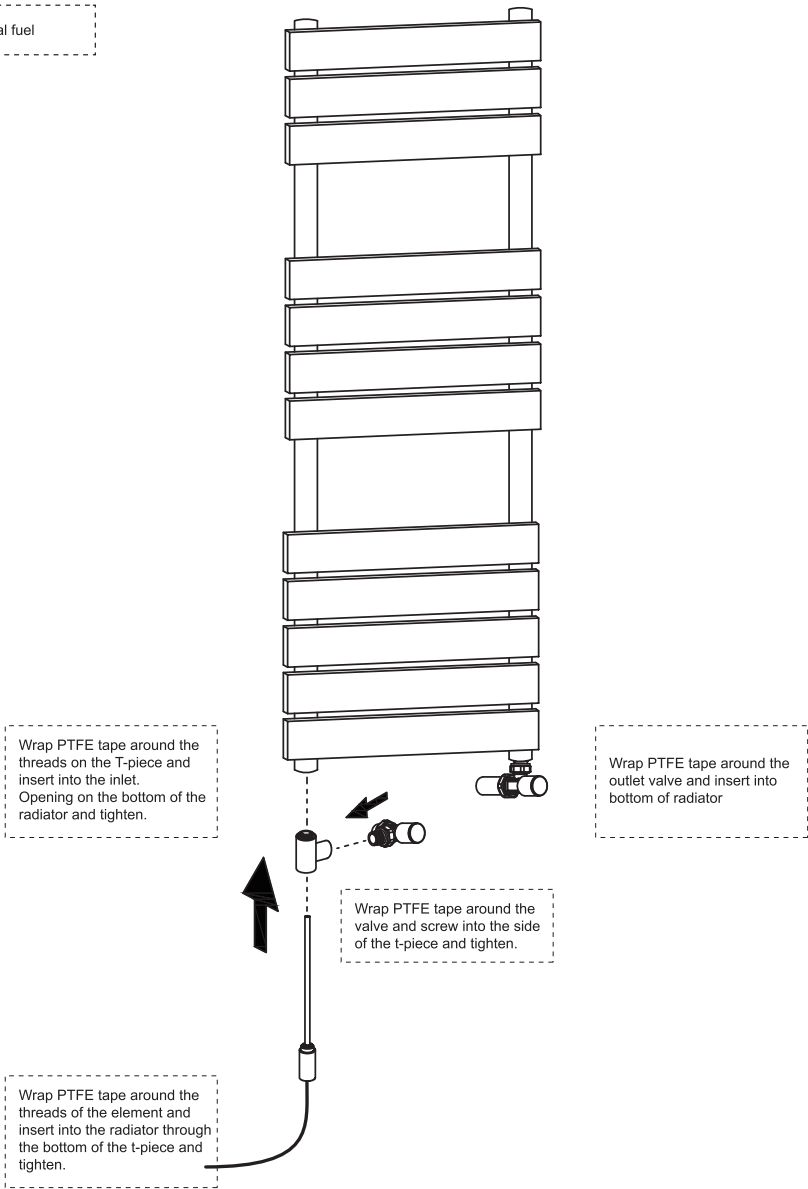


Wrap PTFE tape around the threads on the valves and insert into the bottom of the radiator.

# INSTALLATION PROCEDURE

9

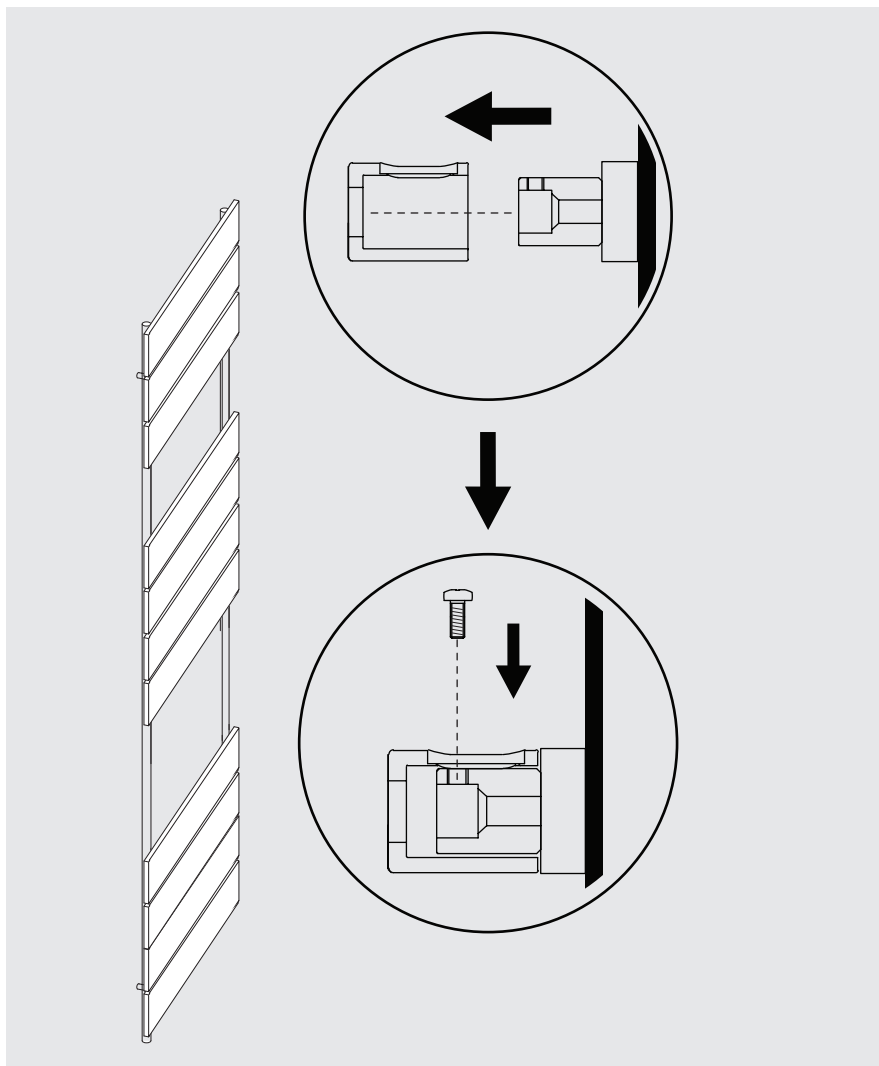
Option4 Dual fuel



## INSTALLATION PROCEDURE

**10**

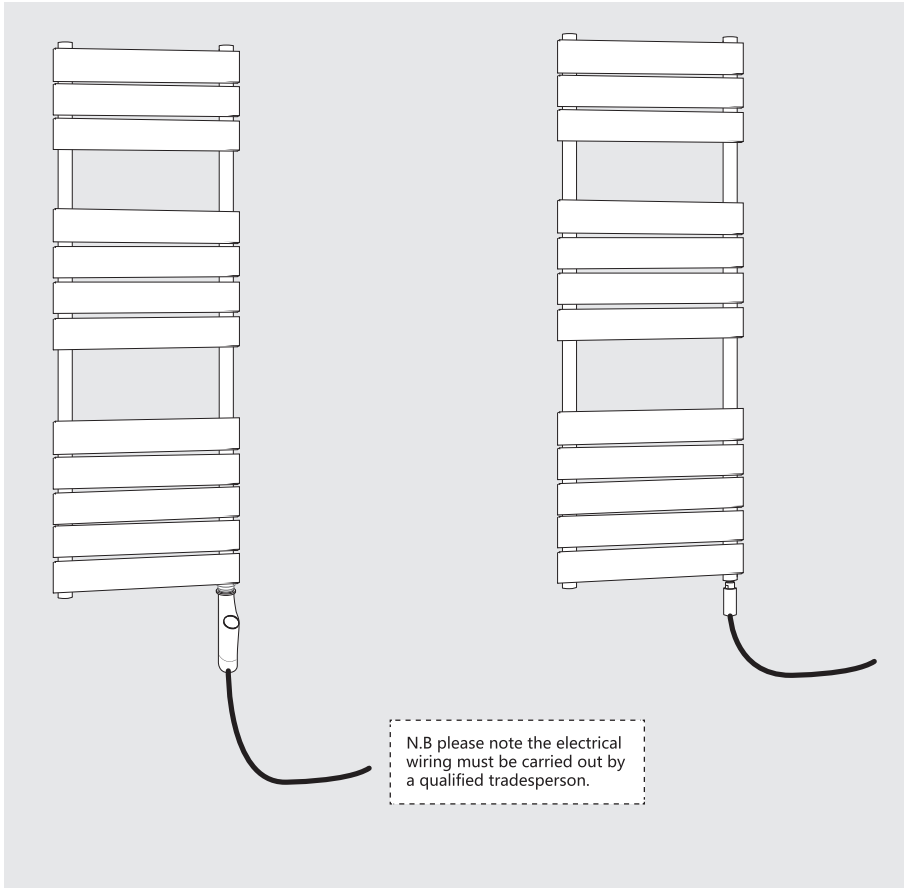
Position the radiator onto the wall by lining up the brackets and tighten the small screw when in position.



## INSTALLATION PROCEDURE

11

Connect valves to household system, turn on water and bleed the radiator to fill with water.



**Option1**

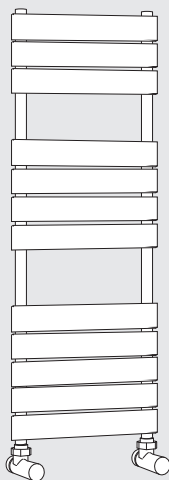
Thermostatic  
Heating Element

**Option2**

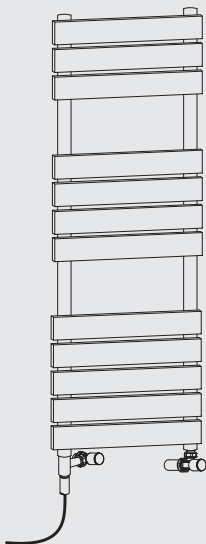
Heating Element

**Option3**

Valve

**Option4**

Dual fuel



**Note:** Top up your system with inhibitor fluid after installation

## AFTER INSTALLATION

Use a screwdriver to open the air vent,open the valve and let the water rush into radiator.

Check all connection for leaks.

Once water overflows from the air vent,there is no air in the tube.

Use a screwdriver to close the air vent,turn on the valve and the radiator is ready for use.

## CARE & CLEANING

Radiators are made from steel and should not be cleaned with corrosive or scouring cleaning agents.

## TROUBLE SHOOTING

When your radiator doesn't function,knowning basic radiator troubleshooting can save you from the stress and the hassles of a non-functioning radiator.Here is a guide to solve the most common problems associated with these electric home heaters.

Problem	Cause	Action
Cold spots on the radiator unit	-Water is not flowing through radiator properly	1.Check to make sure there is no trapped air insid the radiator. "Bleed" the radiator to release air. 2.Make sure the valve is fully open to allow water to run freely.Some radiator may need diverter for water to flow properly around the unit.
Leak on the radiator	-Valve nut is loose -Welding problem	-Tighten the valve nut -Replace radiator
Sound of whistling or water whooshing	-Radiator was not properly balanced when it was installed	-Re-install
Clanking sound	-The radiator was installed in a space that doesn't allow for pipe expansion	-Re-install