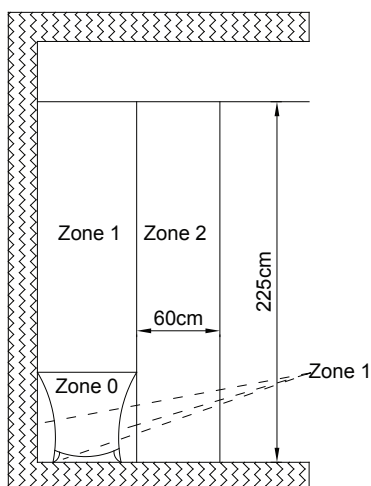


WARNING: THE HEATING ELEMENT MUST BE SUBMERGED BELOW THE LIQUID IN THE RADIATOR WHEN SWITCHED ON. FAILURE TO DO THIS WILL LEAD TO THE HEATING KIT OVER HEATING AND COULD LEAD TO DAMAGE AND A FIRE.

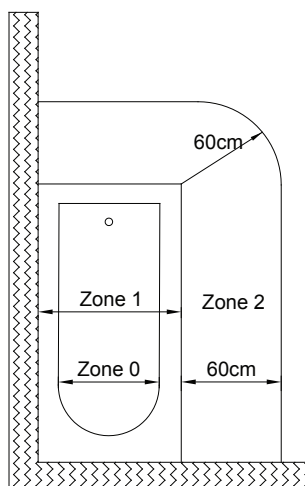
This summer electric heating kit allows you the benefit of heat from your bathroom radiator on cooler days without the need to run your complete central heating system. When incorporated the electric heating element heats only the bathroom radiator, and the water does not get circulated to the other radiators in your home. It does not prevent the circulation of water into the bathroom radiator when the central heating pump is running.

Position:

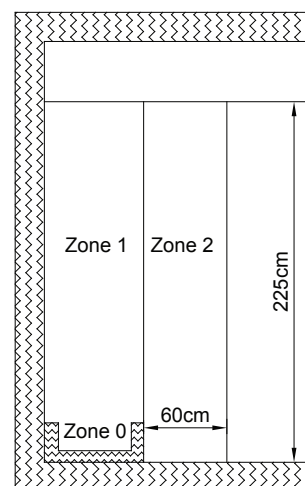
This summer electric heating kit is intended to be installed in a bathroom or shower-room. It is IP44 rated and may be installed in the Zone 2 area (see Fig below), but the electrical connection box must be outside the Zone 2 area.



(1) Side view, bath



(2) Top view



(3) Side view, shower

Fitting into the bathroom radiator:

The product should be installed by a suitably qualified tradesman (plumber and electrician).

The bathroom radiator must be isolated from the rest of the central heating system by closing its shut-off/control valves, and then drained. If isolation cannot be achieved, then the complete central heating system must be drained down to below the level of the bathroom radiator (note that when refilling it may be necessary to top-up any corrosion inhibitor in the system).

The heating element should be inserted into the radiator. Do not overtighten.

The isolating valves should be opened and the radiator bled of all air.

Electrical connection:

The sealed heating element is supplied complete with its own mains cable. Do not use an extension cable. It is a 3-wire product which must be earthed. It should be connected to the household fixed wiring by a qualified electrician in accordance with the national Wiring Regulations (BS.7671). A switch for disconnection from the electricity supply, having a contact separation in all poles that provide full disconnection under overvoltage category III conditions, must be incorporated in the fixed wiring. A switched spur outlet incorporating a 3A fuse may be used, but this must be positioned outside the Zone 2 area (i.e. further away from the bath or shower). The national Wiring Regulations also require that each circuit supplying a bathroom must be protected by a 30mA RCD in its supply.

USER INSTRUCTIONS

Safety warnings:


- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- When the summer electric heating kit is fitted, it will cause the bathroom radiator to be hot to the touch during operation.

- d) Switch off the heating element at the supply when not in use.
- e) Do not operate the heating element when there is insufficient liquid in the radiator. It incorporates an overheat protection thermal fuse, but this has been designed to operate only when the summer heating element is submerged below the liquid in the radiator.
- f) If the mains supply cable to the heating element becomes damaged it must be replaced by the manufacturer, its service agent or a similarly qualified person in order to avoid a hazard.


Operation:

When the electricity supply is switched on the bathroom radiator will heat up. The heating element incorporates an integral fixed temperature thermostat, so no temperature adjustment is necessary.

Tools Required:



Parts Supplied:

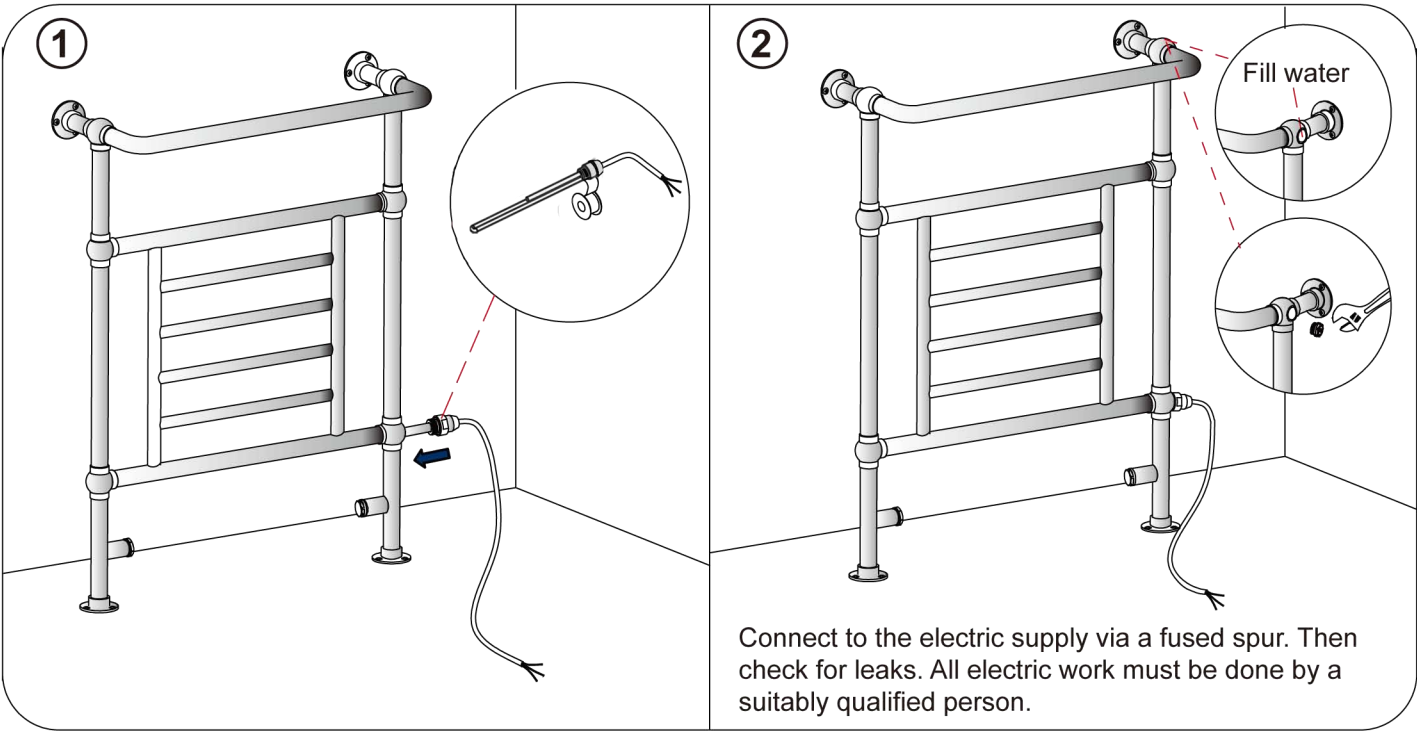


1x

1x

The table below is a guide to help choose which summer electric heating kit is most suitable for which radiator.

Summer Electric Heating Kit	Radiator Output		
	Cleaver & Berkeley & Vincent & Chaplin	Bloomsbury	Trafalgar
150W	X		
250W		X	
400W			X



If this radiator is connected to a dual source heating supply (connected to central heating system and with a summer electric heating kit fitted):

- While using the central heating system, the electric power supply to the summer heating kit must be switched off. Bleed the radiator to expel trapped air per the instructions supplied with the radiator.
- While using the summer electric heating kit only, turn the inlet and outlet valves to the closed position, isolating the radiator from the central heating system. Ensure the radiator is 90% filled with rust inhibiting liquid leaving 10% unfilled failure to do this will lead to the radiator rusting from the inside, leading to damage and potential leak. The radiator must not be filled to more than 90% liquid, to allow room for expansion as the liquid heats up. Turn on the summer heating kit and release excess air in the radiator per the instruction supplied with the radiator.