

The atmosphere is e



Planning the installation

There are five main considerations:

1. The heat output required, taking into account the building fabric, to achieve industry standard temperatures for each room (21°C for the lounge, 18°C for the kitchen, hall, landing and bedrooms and 22°C for bathrooms) based on an outside temperature of -1°C.

Heating specialists Heat Electric has recently launched a new version of its electric water-filled radiator range, providing an easy to install, fast acting and highly controllable heating solution for building projects.

2. Point 1 enables the total input electrical loadings to be calculated and the installation of the correct size of consumer unit to handle the amperage required when all the radiators come on together.

3. The radiators can either be spurred or plugged into a standard 13 amp socket. Most new build contractors prefer to spur in for aesthetic and safety reasons.

4. The weight of each unit means that, while there is no problem fitting them to the solid fabric of an outside wall, an

internal plasterboard wall may need to be strengthened before the installation takes place.

5. The radiator is a class I IP44 device and can be installed in bathroom zones 2 and 3, provided that no electric control unit is touched by people using the bath or shower. If the radiator is installed in zone 2 or zone 3 it must be connected to a switched spur located in the appropriate zone. Please note that our timer range is not IP44 rated and therefore is not suitable for installation in a bathroom or similar environment.

Installation guide for the standard model

Step 1. Choose a suitable position for the radiator and mark the positions of the mounting brackets on the wall. Depending on its length, a radiator will be supplied with either two or three wall brackets.

Ensure that the brackets are fitted towards the outside of the hangers on the radiator. This will prevent any lateral movement once the radiator is mounted.

For optimum output the bottom of the radiator should be 150mm from the floor and a minimum of 100mm from the floor.

To install the radiator at the



recommended minimum height, the bottom of the wall fixing brackets should be approximately 200mm from the floor. To allow for other heights above the floor, note that the bottom of the fixing bracket is approximately 50mm above the bottom of the radiator.

For optimum efficiency there should be a gap between the skirting board and the rear panel of the radiator to allow airflow behind the radiator. If the

bottom of the radiator is below the top of the skirting board, it may be necessary to remove a section of skirting for this purpose.



Step 2/3. Place the bracket vertically against the wall at the appropriate height and width to suit the length of the radiator. Mark the positions of the fixing holes on the wall. Fix the brackets to the wall using fixings appropriate to the wall material and the weight of the radiator.

electric



Installation guide for the low surface temperature (LST) cover



Step 4. Ensure the brackets are level.



Step 5. Insert the plastic grommets onto the brackets (these minimise expansion and contraction noise). Pull down the spring loaded part of the bracket, and push it back to locate it in its lower position.

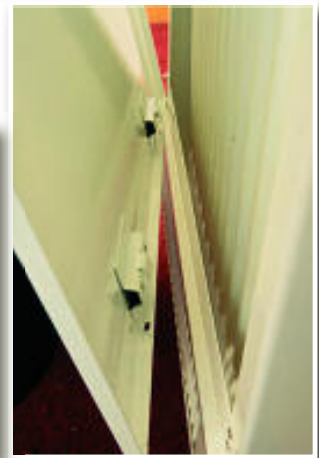
part of the bracket, and push it back to locate it in its lower position.

Step 6. Hook the radiator lugs on to the tops of the brackets. Return the spring loaded part of the bracket to its original position, thereby securing the bottom of the radiator in its final position.



Step 7/8. Once the radiator has been fitted securely to the wall use a key to separate the front cover from its casing. Place the appropriate LST cover over the top and mark drilling holes.

Step 9. Screw the LST cover into place and position the front cover



Heat Electric radiators are available in 14 sizes with two control options to choose from – the Radio Frequency Control allows programming of a group of radiators to come on and off together with six different time and temperature settings and the Integrated Timer Control, with its 24-hour inbuilt timer, allows time and temperature programming of each individual radiator.

■ For further information on Heat Electric use the reader enquiry number below...

Readerlink enquiry 270