

Dual Fuel Heating Element Installation

This product must be installed by a competent person and in accordance with the current IEE Wiring Regulations. It may be required to notify your local authority building control department or to have the work undertaken by a qualified installer.

Important: Never turn on the Element without it being fully installed and completely submerged in fluid. Not doing this can result in the Element failing if it is operated in air only.



As shown above elements must be installed in the bottom of the radiator either horizontally or vertically.

Elements come supplied with: 1 x Element, 1 x Tee, 1 x Plug

Please ensure all parts required are present before starting the installation.

Please note all systems should be correctly treated with anti corrosion inhibitor.

Installation

1. Remove the element from the Tee and wrap PTFE tape around the external thread on the element and Tee piece. Reinsert the element into the Tee but do not tighten just yet.
2. Add PTFE tape around the external thread on both radiator valve tails.
3. Screw in one of the valve tails into the open end of the Tee piece.
4. Using an adjustable spanner screw and tighten the element assembly into the bottom of the radiator making sure the Tee is positioned in the direction required.
5. Tighten the valve tail into the Tee piece and then tighten the second valve tail into the radiator.
6. Now insert the vent into the radiator at the top and the plug in the other connection.
7. Mount the radiator on to the wall with the wall brackets.
8. Connect the radiator valves to the valve tails and connect to the flow and return pipework.
9. Switch off the electric supply at the mains and connect the electrical cable to a BS Fused Spur with a 3 Amp Fuse. Reintroduce electric supply to the Fused Spur only. **Please note this product must be earthed.**
10. Open the flow radiator valve fully and vent any air from the radiator and check for any leaks. Now open the return radiator valve.
11. Reclose the valves and turn on the heating element and test to ensure radiator is getting hot. The radiator valves can now be opened and the central heating turned on.