

Installation Guide & Instructions for “Electric only” and “Dual Fuel” Towel Radiators

Parts Required for Electric Only option

1. Towel Radiator
2. Electric Element
3. Blanking Plug

Parts Required for Dual Fuel option

1. Towel Radiator
2. Electric Element
3. T-pipe (Dual fuel adaptor)
4. Connection Valves
5. Second T-pipe & Blanking plug (Optional)*

* For dual fuel radiators at least one T-pipe is required. However having two T-pipes and a blanking plug will make both sides the same level. As a result both the radiator on the wall and pipe connections look more symmetrical.

To Convert/Install a Towel Radiator as an “Electric Only” Version:

- Turn the towel radiator upside down and screw the electric element into either side of the towel radiator. Use PTFE tape wrapped clockwise around all male threads to assist in making watertight and complete sealed joints.
- Insert and screw blanking plug to the other side of the towel radiator. Use PTFE tape wrapped clockwise around all male threads to assist in making watertight and complete sealed joints.
- Turn the towel radiator correct way up and fill the radiator to the top manually with water using the top inlet point, leaving 2-3 cm (1 inch) gap for the water to expand (air gap)
Note: We recommend you to use pure water only but you can also use other lubricants to dilute such as anti-freeze. In all cases 75% of the liquid must be pure water.
- Insert and screw bleed valve (air-vent) to the 3rd inlet point on top of the towel radiator.
- Mount the towel radiator on the wall
- Connect the electric element to the mains supply as instructed below.
- After placing a towel or similar beneath the radiator to soak up spillage, loosen the bleed valve bolt on top of the towel radiator.
- Turn electric element, cover the towel radiator with a couple of towels and leave it until the radiator warms up and reaches its full temperature.
- Once fully heated, tighten the bleed valve on top of the radiator and check for leaks (do NOT over tighten!)

To Convert/Install a Towel Radiator as a “Dual Fuel” Version:

- Turn the towel radiator upside down and screw the T-pipe and electric element into the either site of the towel radiator. Use PTFE tape wrapped clockwise around all male threads to assist in making watertight and complete sealed joints.
- Insert and screw bleed valve (air-vent) to the 3rd inlet point on top of the towel radiator.
- Mount the towel radiator on the wall
- Connect the flow and return pipes to the chosen sides of the radiator, making the final connections using either an angled or a straight (in-line) radiator valve.
- Thoroughly flush the system to remove any debris.
- Connect the electric element to the mains supply as instructed below.

Warning/Precautions

- Qualified persons should make all electrical and plumbing connections.
- Both electric only and dual fuel radiators must be installed in appropriate bathroom zones. Failing to do so could invalidate your home insurance.
- Do not turn the element on unless the radiator is full of water and the element is completely submersed, as this would permanently damage the element and invalidate product guarantee.
- With the dual fuel option, do not have the element switched on when the central heating system is operating.
- With the dual fuel option, the radiator must be isolated from the rest of the central heating system by shutting both the flow and return valves before switching the electric element on during summer months. **You will however need to loosen the bleed valve bolt (not the bleed valve itself!) or return valve can be loosened slightly to avoid pressure build-up inside the radiator.**
- The radiator must always be mounted with the element at the bottom with the radiator in the upright position. Failure to do so may result in a fire hazard.
- The heater element must be earthed

! Installing both Electric only and Dual Fuel radiators is more than a quick DIY job and must be carried out in accordance with national building regulations. If in doubt, please consult a competent electrician!