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Electric Conversion Installation Instructions

IMPORTANT. Before you begin installation, setup or operation of the unit, please read all of these instructions carefully. Please note all signs, notices and technical information. All instructions need to be followed in full.

This is an instruction manual for your electric conversion kit, not for dual fuel purposes.

Your pack contains:

- 1 x Heated Towel Rail (packed separately)
- 1 x Element
- 1 x Air vent and Blanking plug set
- 1 x Instructions
- Electric Fluid Bottle/s (number of bottles provided will vary depending on towel rail selected)

You will need:

- PTFE Tape
- Adjustable Spanner
- Gloves

1. Safety & Warnings

- **WARNING.** A licensed electrician must install Electric Towel Rails in accordance with the current IEE wiring regulations.

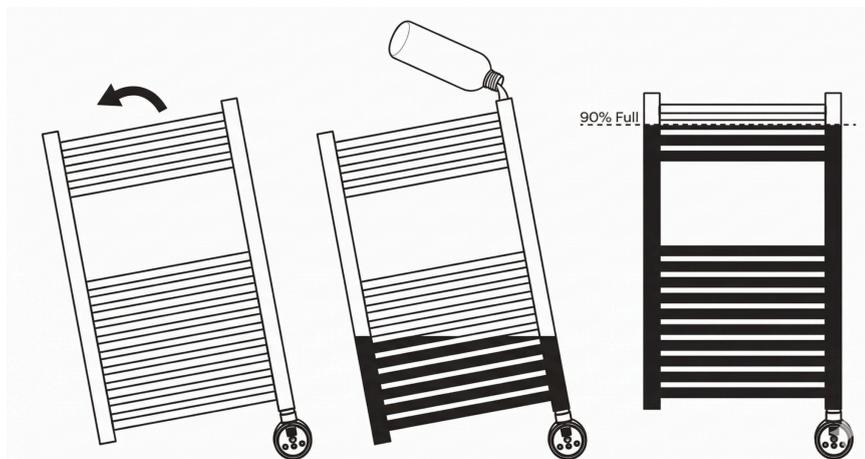
- The product should be permanently fixed and connected to the 220/240 Volt AC mains power supply via a fused spur/cable outlet, and earth-bonded.
- **This product is a Class 1 unit and as a result, it must be earth-connected.**
- The element must NEVER be used without the towel rail being filled with water or fluid at the correct fluid level.
- Only use the device in a suitable towel rail for space heating and/or towel drying.
- The element is only suitable for VERTICAL installation on the **BOTTOM** of the Towel rail. Do not install horizontally, as correct operation cannot be guaranteed.
- It is imperative that the towel rail has the correct fluid level (90% of the towel rail's total volume is recommended) before the element is used.
- Never attempt to disconnect the control unit from the heating element. This unit has been factory-sealed. Separation, or attempts at separation, can destroy the device and invalidate all warranty or liability claims.
- Ensure the O-ring is on the connection part before installation. This O-ring prevents leakage after installation.
- For safety, ensure that all users, including children, are supervised by a responsible adult when operating this unit.

2. Installation of the Electric Element into the Towel Rail

1. **IMPORTANT.** Always switch off the electricity supply at the mains during installation and maintenance. We recommend that the fuse is withdrawn or the circuit breaker switched off at the distribution board whilst work is in progress.
2. The element must be fitted to the radiator before mounting the radiator to the wall.
3. Wrap PTFE tape around the element thread and the blanking plug thread.
4. Check that the O-ring is present on the threaded end of the element.
5. Insert the electric heating element into the chosen side of the towel radiator, bottom only, and tighten it into place with a spanner.

Never tighten using the housing itself.

6. Fill the radiator with the provided inhibitor fluid, then top it off with water to approximately 90% to allow for expansion.



7. Once filled, insert and secure the blanking plug on the same side of the radiator as the element, and tighten it into place with a spanner.
8. Fit the radiator to the wall, following the radiator fitting instructions.
9. Connect the element to the mains power using a BS Fused Connection Unit. The wires should be connected as follows: Blue - NEUTRAL, Brown - LIVE, Green/Yellow - EARTH. As bathrooms are normally quite small, it is common (for safety reasons / zoning requirements) that a flex outlet is used within the bathroom and the switched fused spur is located outside the bathroom.
10. Switch on the socket to heat the towel rail. Once the operating temperature has been reached, bleed excess air from the towel rail using the air vent provided.