



#### **WARNING!**

Never switch on the element if the radiator is empty. The element should **NOT** be tested out of water. The electric heating element must only be fitted **vertically in the bottom of the radiator**.

#### **IMPORTANT NOTES:**

It is essential that the correct size heating element is installed in line with the recommendation stated on the packaging or instructions of your decorative or towel radiator.

All Fittings must be installed by a competent person in accordance with current IEE Wiring Regulations (BS7671). If you are in any doubt about installing this product, consult a qualified electrician.

The work must be done to the standard in the Wiring Regulations, and you should consider having work checked by a competent electrician to ensure it is safe.

We recommend that you make yourself aware of the Regulations before you undertake any work, and if you require any clarification, you should contact your Local Authority Building Control Department.

#### **SUITABILITY:**

This element is designed for installation in selected domestic decorative and towel radiators. It is not necessarily suitable for use with other products.

The element can be used as electric only or in a centrally heated system (Dual Fuel) to provide heating of the towel rail when the central heating is switched off (e.g. during the summer ). **It should not be used when the central heating is on.**

The radiator will get very hot so is not suitable for use in locations where this could cause a hazard (e.g. where infirmed persons or young children will be present unsupervised).

Fitted inside the heater are two separate protection devices to prevent overheating of the rail.

The element must be permanently connected to a suitable electricity supply by way of the cable provided. This should be via a fused spur in accordance with the IEE Wiring Regulations (BS7671). If sited in a bathroom, the Fused Connection Unit must be located out of reach of persons using the basin, shower or bath. If in doubt, consult a qualified electrician.

#### **“ELECTRIC ONLY” HEATING ELEMENT INSTALLATION**

##### **Before You Start**

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 We recommend that the fuse is withdrawn or the circuit breaker switched off at the distribution board whilst work is in progress. Turning off the switch is not sufficient.

*The electric heating element must only be fitted in the bottom of the radiator.*

- The element must be fitted to the radiator before mounting the radiator to the wall.
- Remove any transit plugs from the radiator.
- Wrap P.T.F.E tape around the element thread and the blanking plug thread.
- Check that the O-ring is present on the threaded end of the element.
- Insert the heating element into the chosen side of the towel radiator, bottom only, and tighten it into place using a spanner.  
Fill the radiator to approximately 90% with water to allow for expansion.
- Insert the blanking plug into the open tapping, and tighten it into place using a spanner.  
Fit the radiator to the wall, following the radiator fitting instructions.
- 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.
- This product must be earthed.
- The fused connection unit should be fitted with a 5 Amp fuse to BS1362.
- Switch on the mains supply and test. The radiator should heat up.
- Check for leaks and retighten joints as necessary.
- When the operating temperature has been reached, purge excess air from the towel radiator using the air vent.

#### **“DUAL-FUEL” INSTALLATION – CENTRAL HEATING AND ELECTRIC USE**

##### **Before You Start**

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. Turning off the switch is not sufficient.

*The electric heating element must only be fitted in the bottom of the radiator.*

- The element must be fitted to the radiator before mounting the radiator to the wall.
- Wrap P.T.F.E tape around the element thread and T-Piece thread.
- Check that the O-rings are on the threaded end of the element and the T-Piece.
- Screw the element into the T-Piece and tighten it into place with a spanner.
- Insert the T piece with an electric element into the chosen side of the towel radiator and tighten it into place using a spanner.
- Follow the towel radiator fitting instructions.
- You must ensure that the system is THOROUGHLY flushed with a flushing agent before it is commissioned to rinse out any metal, flux and foreign residue, and the system must also be thoroughly vented. Not doing this can cause pinhole leaks (which may not be covered under the manufacturer’s guarantee). To help prevent internal corrosion and lime scale formation, it is recommended that a suitable inhibitor is added to the central heating system.
- Open the valves to the radiator and, using the air vent, fill and purge the remaining air from all radiators, including the decorative or towel radiator, with the heating system off.
- 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.  
The fused connection unit should be fitted with a 5 Amp fuse to BS1362.
- Switch on the mains supply and test. The radiator should heat up.