



Tesla UK
LIMITED

Information Leaflet

Towel Rail Elements



For electrical systems:

1. Remove the chromed 'T' piece from the towel rail element and retain the ½" chrome plug.
 2. Remove white cap by twisting while pulling back to reveal the spanner flats.
 3. Attach PTFE tape to the towel rail element thread as required and insert the element into either threaded aperture of the towel rail always from the bottom, never the top.
 4. Using the correct size of spanner, tighten the element into the towel rail but be careful not to over tighten the 'O' ring seal. Hand tight plus about half to three quarters of a turn should be sufficient for a correct seal.
 5. Ensure that the air vent on the top of the towel rail is closed. Turn the towel rail upside down again and fill the towel rail from the other threaded side until approximately 80-90% full. Use the blanking plug that was removed from the tee piece to seal the other threaded hole taking care to use PTFE tape as necessary but also be careful not to overtighten it and thus damaging the 'O' ring seal.
 6. Mount the towel rail in the required position.
 7. Check for a few minutes for leaks and then connect the cable to the mains supply.
 8. When power is initially switched on to the element, ensure that you bleed the air vent at the top of the rail, every few minutes until the rail has reached maximum heat. This will prime the rail for future use, preventing damage from water expansion.
- Please take care with children, the elderly and the infirm that they are not in danger of burning themselves as this towel rail, when connected and turned on, will be hot
 - Ensure that when fitted in conjunction with a central heating system that there is sufficient room for

Wiring the towel rail element:

The fused spur should be fitted with at least a 5 amp fuse to the appropriate standard. When connecting the element the wires from the towel rail element are colour coded as follows :

Neutral (blue) **Live (brown)** **Earth (green/yellow)** - This unit must be earthed

Under no circumstances switch the unit on without there being any water inside the towel rail as this will damage the unit beyond repair and will invalidate the warranty.

This product should be fitted by a competent person who can ensure compliance with IEE, Part P and local authority regulations. Ensure the mains electrical circuit and the fused spur are both isolated. It should also be fitted within the correct zone in the room. Once connected in accordance with all regulations, turn on the mains supply again and check the unit is warming the towel rail.



Technical Helpline

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Thank you for purchasing this Towel Rail Element which we hope will serve you well over the coming years. Please check the box to ensure you have all the necessary parts (element, chrome tee piece & ½" chrome plug) and then please read these instructions thoroughly before attempting to fit the product as there are a couple of options you may wish to consider before attaching the unit to your system.

The most important thing is to ensure that you have the correct size of element for the towel rail you propose to use it with. We offer 150, 200, 250, 300, 400, 600 & 800 watt models. Please check with the supplier of your Towel rail which is the most suitable for you.

This element is suitable for both wet (centrally heated) operated during maybe the summer months when the central heating is off and stand alone systems i.e. electric only.

For wet systems (Central Heating) :

1. Remove the ½" chrome plug from the tee piece
2. Remove white cap by twisting while pulling back to reveal the spanner flats.
3. Attach the chromed 'T' piece to the towel rail element using PTFE tape as necessary and insert the element into either side of the towel rail through the tee piece again with PTFE tape as necessary. Your own radiator valve is then fitted in the side of the chrome tee piece.
4. Mount the towel rail in the required position;
5. Connect the flow and return pipes to the towel rail. NB* If you want to even up the appearance of the pipework by using a second T piece, please obtain this from your stockist.
6. Flush the system to remove any debris from the towel rail
7. Fill the heating system, bleeding the radiators etc
8. Check for a few minutes for any leaks and then connect the cable to the mains supply.
9. The element must always be installed into the bottom of the towel rail, never from the top

It is not recommended that the element is turned on when the central heating is on.

This element is thermostatically controlled by a non adjustable internal thermostat and will therefore only produce a constant output of heat. If you want to be able to regulate the amount of heat generated in your towel rail when using the electrical mode, you may want to fit our thermal control plate (TCP200) which will enable you to regulate the output temperature. This also has a basic timer feature which will allow a 'boost' or a '2 hour' operation.

Optional extra - TCP200

- IP55 rated
- Off / On button & 2 hour time / boost button
- Will fit all standard electrical back boxes
- Can be used with most manufacturers elements up to 1000watts
- Chrome cover plate available
- 85mm square low profile design

