

## **Electric Conversion Instructions**

The instructions below are to be followed when installing a thermostatic heater element into a filled hydraulic towel rail. The element can be installed into either side of the rail.

1. Remove the towel radiator from the packaging
2. Decide where the rail is to be situated. Make sure you have a minimum of 125mm between the bottom of the rail and the floor.
3. Mark out the position of the support brackets and fix them to the wall.
4. Offer the rail to the brackets to make sure it is completely level.
5. Decide which side the thermostatic element is to be installed to.
6. Turn the rail upside down and remove the plug where the thermostatic element is to be installed
7. Install the thermostatic element making sure the joint is water tight. Under no circumstances must the element be turned by twisting the thermostatic head. The element can be positioned on the large gasket seal only by fitting a spanner to the hex face underneath the chrome head and turning the full unit.
8. Do not stand the rail on the thermostatic element as this may cause serious damage.
9. Install the rail onto the wall brackets.
10. Make the electric connection
11. Open the top air vent, set the temperature to maximum and allow the rail to heat up fully, this may take 45 minutes.
12. Air will escape through the open air vent whilst the heater is achieving its temperature, in some cases if the fluid level is too high this may start to come through the air vent as well. This is quite normal and will ensure the correct expansion gap within the rail.
13. The thermostatic heaters have a temperature range of 20°C - 70°C so any escaped fluid will be hot.
14. When the rail has reached its maximum temperature, close the air vent fully and switch off the thermostatic element.
15. If more fluid is needed due to a cool spot at the top, allow the rail to cool before removing the top plug and adding additional water. Then follow steps 10 -13 again.
16. Allow the rail to cool then switch the thermostatic element back on and bring up to maximum temperature again. Check to make sure the joints are fully water tight.

**This work must be carried out by a fully qualified electrician otherwise you will void your guarantee**