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(FTR)

(Rev. D1)

(IMP)

Heated Towel Rails

Fitting Instructions



Before starting any installation project, consider “safety” first. Look for the “safety note” sign and read the safety advice.

Please keep these instructions for future reference and request of replacement parts

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1. Introduction

Thank you for selecting this quality product. Prior to installation of this Towel Rail please read these instructions.

These installation instructions are for your guidance to a safe and successful installation, and should be left with the user after installation.

2. General Information

- Carefully unpack and inspect your new heated towel warmer for any damage and product shortages.
- Report any discrepancy to your supplier **before installation**.
- Protect the rail from construction damage during installation.
- A central heating system **IS NOT** a single loop of hot water and therefore it is essential to have a " flow " and a " return " to the product.
- **Note:** any / all electrical work must be carried out to the latest IEE Regulations

11.1 Guarantee

All products are manufactured to the highest standards and 5-year guarantee covers any defect in manufacture. As Special effect finishes are softer than chromium plate, special care must be taken when cleaning, a 3-year guarantee covers these finishes. A 12 month guarantee applies to the element.

Any part found to be defective during the above guarantee period will be replaced without charge providing that the product has been installed in accordance with our instructions, used as intended and maintained/serviced as recommended.

In the unlikely event that any problems are encountered with this product's performance on installation, you must obtain guidance/authorisation from our Customer Service Department before any remedial action is taken and be able to supply proof and date of purchase.

The guarantee excludes damage caused by accident, misuse or neglect and does not cover the following:

- Those components subject to wear and tear such as 'O' rings and washers etc,
- Damage caused by faulty installation,
- Damage caused by any waterborne debris,
- Damage caused by improper cleaning products,
- Damage caused by the use of non-proprietary parts,
- The product being used for a purpose other than intended.

The company reserves the right, in the event of a claim not covered by the guarantee, to charge the claimant for parts and labour at current rates. This guarantee is given in addition to and does not affect your statutory rights.

In the interests of continuous product development we reserve the right to alter the specification as necessary.

10. Trouble Shooting

- 10.1 Radiator too hot / leaks ?
Both pipes hot ?
Both flow and return pips closed ?

OPEN RETURN PIPE

- 10.2 Radiator not hot enough ?
Both pipes cold ?
Both flow and return pipes open ?

CLOSE RETURN PIPE

3. Pack Contents Checklist (HYDRONIC)

- 1 x Towel Warmer
1 x Fixing Kit (Fixing Brackets If Applicable)
1 x Fitting instructions



4. Installation (HYDRONIC)



Prior to drilling into walls, check there are no hidden electrical wires, cables or water supply pipes with the aid of an electronic detector. If you use power tools do not forget:

- Wear eye protection
- Unplug equipment after use

- 4.1 Disassemble the screwed union from the radiator valve. Apply PTFE thread sealing tape around the threads (Fig. 1) and secure into the towel rail.

DO NOT OVERTIGHTEN AS THIS MAY CREATE DAMAGE AND CAUSE LEAKAGE.

- 4.2 Reassemble the radiator valve loosely tightening the union nut.
- 4.3 Carefully position the Towel Rail into the required location ensuring sufficient clearance above, to the sides and to the back of the towel warmer. Ensure that the wall is sufficiently strong enough to hold the weight of the product. Mark the appropriate fixing points on the wall. (Fig. 2)

Fig. 1



Fig. 2

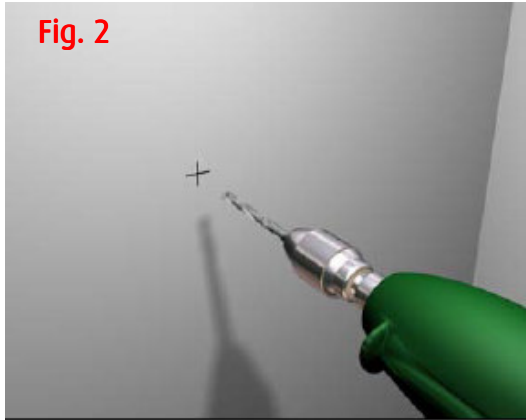
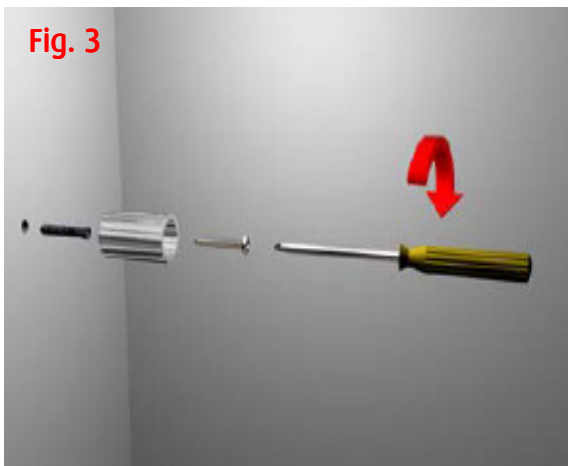


Fig. 3



9. Cleaning

Your fitting has a high quality finish and should be treated with care to preserve the visible surfaces.

All surface finishes will wear if not cleaned correctly, the only safe way to clean your heated towel rail is with a soft damp cloth, and polish with a soft dry cloth.

Stains can be removed using washing up liquid.

NOTE: All bath cleaning powders and liquids will damage the surface of your fitting, even the non-scratch cleaners.

Fig. 12



Fig. 13

- 4.4 Screw the wall support (C) to the wall using the wall screw (D). Use the wall plug (E) if you are fixing into masonry. The grub screw hole in the side of the wall support (C) should be facing the floor. Repeat for all 4 wall supports. (Fig. 3).
- 4.3 Loosely fit the small screw (I) to the wall support (C) but do not tighten. Repeat for all 4 wall supports. (Fig. 4).
- 4.4 Loosely fit the bracket stem (F) to the towel rail using the bracket bush (G) and bracket screw (H) but do not tighten fully. Repeat for all 4 bracket stems. The bracket bush (G) needs to be positioned according to the type of rail. (Fig. 5).
- 4.5 Align the bracket stems (F) with the wall supports (C) and push the rail back towards the wall and tighten the 4 bracket screws (H). (Fig. 6).
- 4.5 Ensure that the rail is pushed firmly against the wall and tighten the 4 small screws (I). (Fig. 7).
- 4.6 Fit the 4 cover caps (J) over each bracket head. (Fig. 8).
- 4.7 Fit the radiator valves (**not supplied**) and connect to the pipe work.
- 4.8 Check that all fittings are securely tightened before filling with water.
CHECK THAT THE AIR VENT PLUG CENTRAL SCREW IS TIGHT.
- 4.9 Fill the system with water and check carefully for leaks.
IT IS ADVISABLE TO HAVE TWO PEOPLE FOR FILLING SO THAT ONE CAN CONTROL THE WATER FLOW WHILE THE OTHER CHECKS FOR LEAKS.
 - 4.9.1 Provided no leaks are found, the system should be thoroughly flushed using a central heating cleanser. Flushing the system is essential to clean out any debris that may have been introduced.
DO NOT BE TMEPTED TO FLUSH WITH JUST WATER AS THIS WILL NOT CLEAR ALL DEBRIS.
 - 4.9.2 Fill the system again using just water and this time; turn the central heating on for a hot test. Let the system run for at least one hour and continually check for leaks.

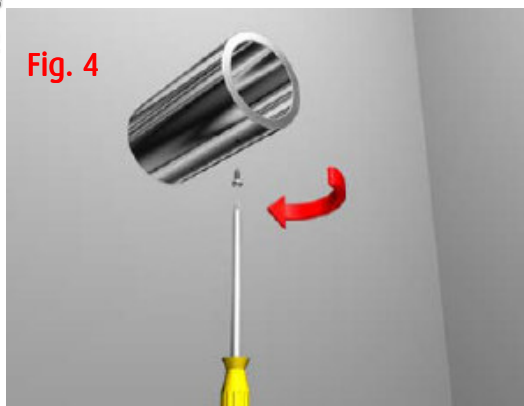


Fig. 4

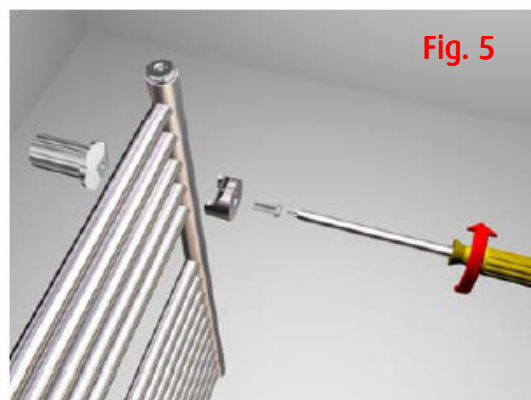


Fig. 5

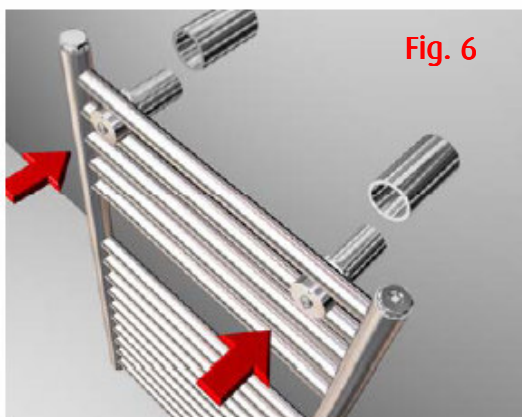


Fig. 6

7. Pack Contents (ELECTRIC)

- 1 x Heated Towel Rail with fitted electric element
- 1 x Fixing kit / packet fixing screws
- 1 x Fitting instruction



(A) Wall Support
x4



(B) Wall Screw
x4



(C) Wall Plug
x4



(D) Mini Screw
x4



(E) Bracket Stem
x4



(F) Bracket Bush
x4



(G) Bracket Screw
x4



(H) Cover Cap
x4

8. Installation (ELECTRIC)



Prior to drilling into walls, check there are no hidden electrical wires, cables or water supply pipes with the aid of an electronic detector. If you use power tools do not forget:

- Wear eye protection
- Unplug equipment after use

- 8.1 Carefully position the Towel Rail into the required location ensuring sufficient clearance above, to the sides and to the back of the towel warmer. Ensure that the wall is sufficiently strong enough to hold the weight of the product. Mark the appropriate fixing points on the wall. (Fig. 2)
- 8.2 Screw the wall support (A) to the wall using the wall screw (B). Use the wall plug (C) if you are fixing into masonry. The grub screw hole in the side of the wall support (A) should be facing the floor. Repeat for all 4 wall supports. (Fig. 3)
- 8.3 Loosely fit the small screw (D) to the wall support (A) but do not tighten. Repeat for all 4 wall supports. (Fig. 4).
- 8.4 Loosely fit the bracket stem (E) to the towel rail using the bracket bush (F) and bracket screw (G) but do not tighten fully. Repeat for all 4 bracket stems. The bracket bush (F) needs to be positioned according to the type of rail. (Fig. 5).



Fig. 10



Fig. 11



Fig. 11a

- 4.9.3** Provided that the system is 100% watertight, add a central heating protector which will improve the efficiency and lifecycle of the entire central heating system.
- 4.9.4** When the system is at full temperature, release any trapped air by using the bleed valve located at the top of the unit.
- 4.9.5** Re – inspect the seals 24 hours after installation to ensure integrity.

5. Pack Contents Checklist (DUAL FUEL)

- 1 x Towel Warmer
- 1 x Fixing Kit (Fixing Brackets If Applicable)
- 1 x Fitting instructions
- 1 x Element
- 1 x " T " Piece

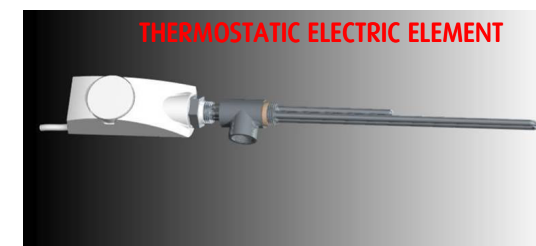
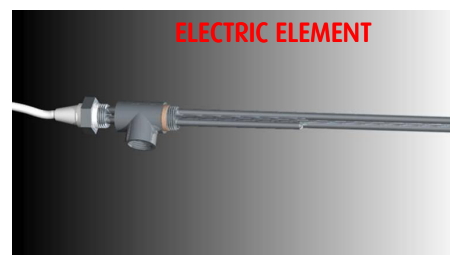


Fig. 7



Fig. 8

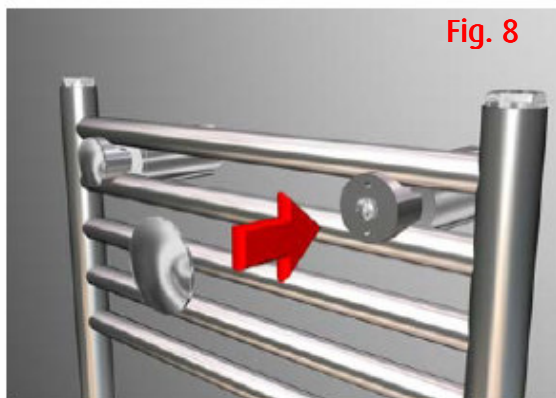


Fig. 9



6. Installation (DUAL FUEL)



Prior to drilling into walls, check there are no hidden electrical wires, cables or water supply pipes with the aid of an electronic detector. If you use power tools do not forget:

- Wear eye protection
- Unplug equipment after use

NOTE:

Dual Fuel allows you to have heating via. electricity, particularly during the summer months when the central heating system is switched off.

- 6.1** To connect the towel warmer to the central heating system - see installation notes for the HYDRONIC towel warmer (page. 2).

To Install The Dual Fuel Element :

- 6.2** Attach the " T " piece (Fig. 9) to the " flow " side of the towel warmer.
- 6.3** Insert the element (Fig. 11 / 11a) into the attached " T " piece and secure / seal with PTFE tape or a sealing compound.
- 6.4** Attach the radiator valve (Fig. 12) to the side of the " T " piece. (Fig. 13)
- 6.5** Connect the element to a 13 Amp fused spur outlet in accordance with the latest BS7671 wiring regulations.
- 6.6** Switch on the power and ensure that the product heats evenly.
Note: **This can take up to 45 minutes to achieve full operating temperature.**

SWITCH CONTROLS MUST BE OUTSIDE OF THE BATHROOM.

- 6.7** When using the radiator as an electric radiator it is important to close the radiator valve on the flow side (side with the element), but the return valve must remain open.