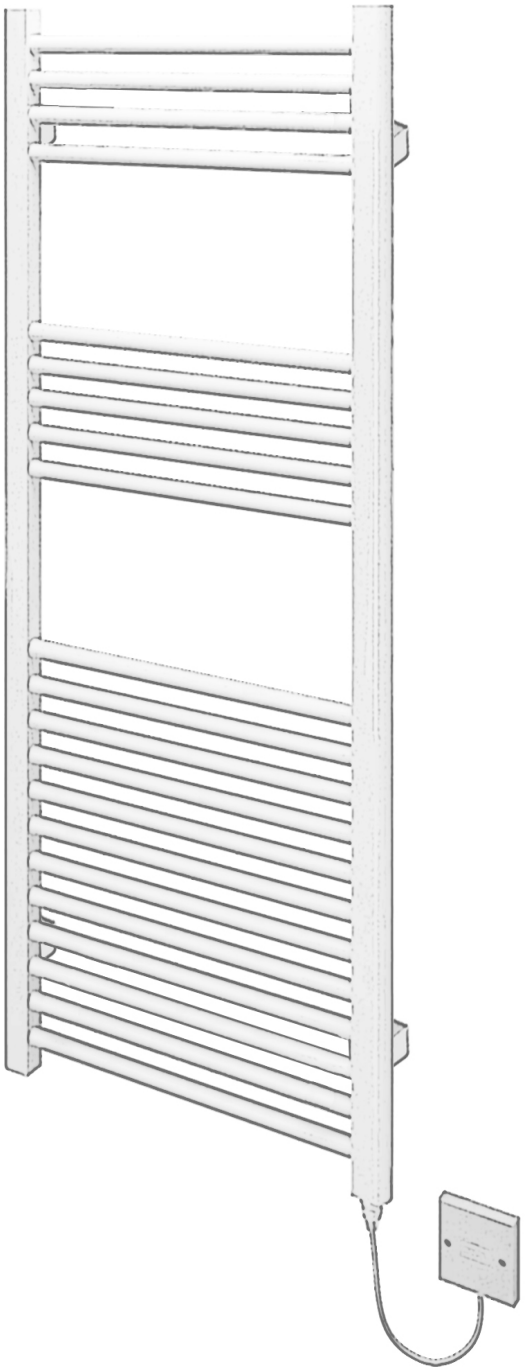


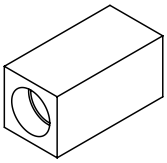
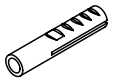
installation instructions

quadris - plana - profile
cala - kubik - tierra - aquila
towel warmers

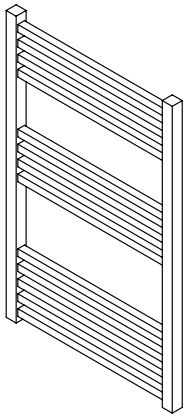
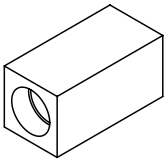
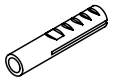
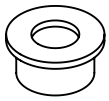
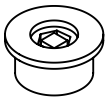
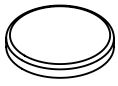
electric only and central
heating installation

Components

Electric Only Warmer

 Towel Warmer with Heating Element	 Bracket Base x4	 Bracket Stem x4	 Mini Screw x4
	 Wall Screw x4	 Washer x4	 Wall Plug x4

Un-built Warmer for connection to Closed Central Heating System

 Towel Warmer	 Bracket Base x4	 Bracket Stem x4	 Mini Screw x4
	 Wall Screw x4	 Washer x4	 Wall Plug x4
	 Blanking Plug x1	 Bleed Plug x1	 Cover Cap x2

Note: Shapes of brackets may differ depending on rail

PLEASE READ THESE INSTRUCTIONS THOROUGHLY BEFORE STARTING INSTALLATION

GENERAL

Installation should ONLY be carried out by a qualified professional or other fully competent person and should be installed in accordance with all relevant British and European Standards (BS5449:1990, BS7593:1992, EN12828:2003 and EN12831:2003)

When drilling or fixing into walls, floors or ceilings it is essential that full checks are made for pipework and wiring before commencing.

Always wear appropriate protective clothing/equipment.

Please ensure that all components are present and you are entirely happy with the size, design and finish of the towel rail BEFORE starting installation.

GENERAL - ELECTRIC ONLY

All our pre-filled electric only rails are fitted with a 3 bar safety valve to safeguard against excessive pressure build up inside the towel rail.

Our heating elements are also protected by a thermo-fuse to prevent the element dangerously overheating.

Electrically heated towel rails must be installed the correct way up due to how the heating element functions. The towel rail must be oriented so the electric element is at the bottom of the rail and vertical.

Our electric only sealed towel rails are supplied without a 3-pin plug as the rails should at the very least be hard-wired into a fused connection spur unit that can be fully isolated from the mains. Towel rails MUST be earthed.

Electric elements are guaranteed for one year. Proof of purchase will be required.

Please note: During first uses the valve may still release small amounts of excess fluid which should be wiped away

GENERAL - CENTRAL HEATING INSTALLATION ONLY

It is not recommended to use either mild steel rails (coloured or chrome) or stainless steel towel rails on open heating systems.

For optimum control and efficiency we would recommend fitting a thermostatic radiator valve (TRV). A dual fuel electric element kit should also be considered so the towel warmer can be heated when the central heating is switched off.

INSTALLATION LOCATION

While the IP rating of the rail and heating element will usually be fine for use in Zone 1 and Zone 2 bathroom areas, the finish of the rail can be damaged if constantly splashed with water, therefore consideration must be given to the longevity of your towel rail when planning the suitability of an installation location.

To avoid a hazard for very young children the appliance must be installed so that the lowest part of the towel rail is at least 600mm above floor level.

The towel rail can get very hot in use, therefore extreme care must be taken in areas where children will be present.

Tools Required (not supplied)

Tape Measure
Level
Pencil
Masonry Drill Bit 8mm or HSS Drill Bit 2.5mm
Electric Drill
Screwdriver PH2
Screwdriver PH3
Screwdriver No6 Slot
Hexagonal Key 8mm (unbuilt warmer only)
Adjustable Spanner (unbuilt warmer only)
Thread Sealant (unbuilt warmer only)
DWTA Approved Central Heating Cleanser (unbuilt warmer only)
DWTA Approved Central Heating Protector (unbuilt warmer only)

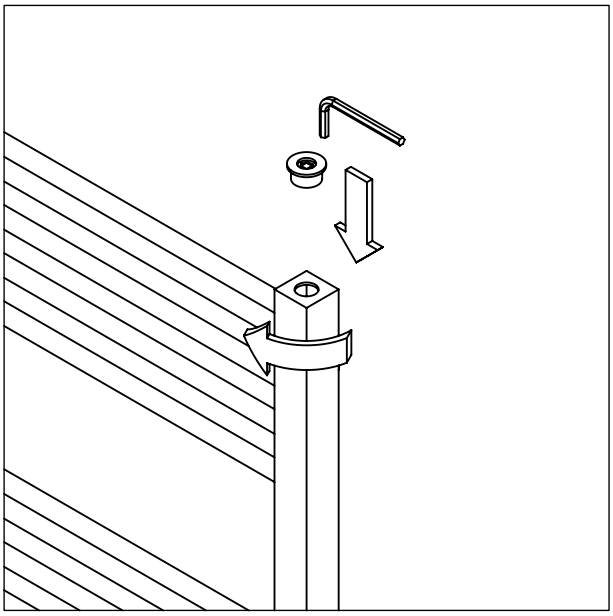
Additional Parts Required (not supplied)

Additional parts required will vary depending on how the electric towel warmer will be connected to the mains electricity.

If a towel warmer was purchased with a standard heating element, then an external controller should be considered as this will give more control over timing and heat output of your towel rail.

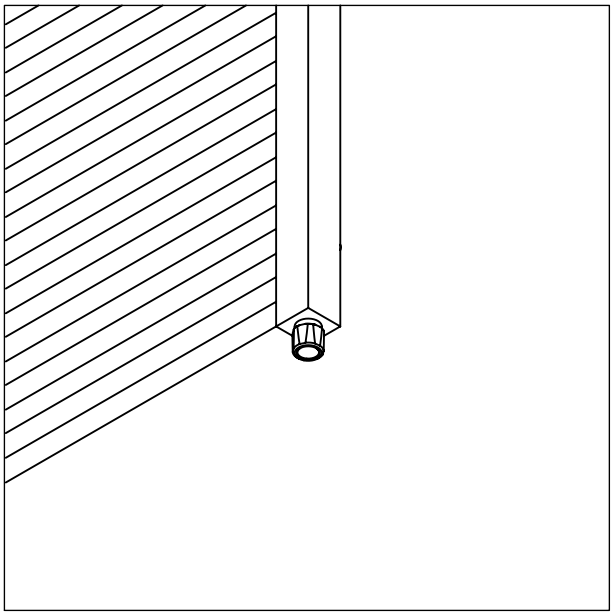
For technical support or advice please contact your merchant.

Installing A Towel Warmer



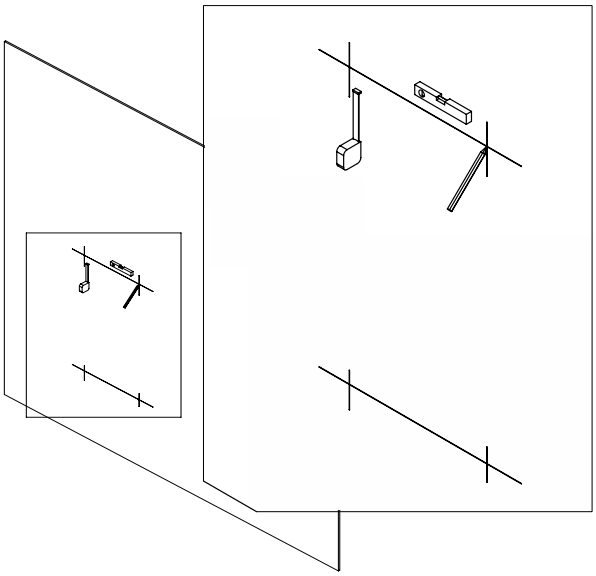
Step 1 - CH Installation Only

The bare towel warmer has one threaded hole in the top of each vertical profile.
Apply suitable thread sealant to the air vent plug, screw it into the threaded hole on the opposite side to the radiator inlet valve and tighten firmly using an 8mm hexagonal key.
Apply thread sealant to the blanking plug and screw into the opposite side profile.



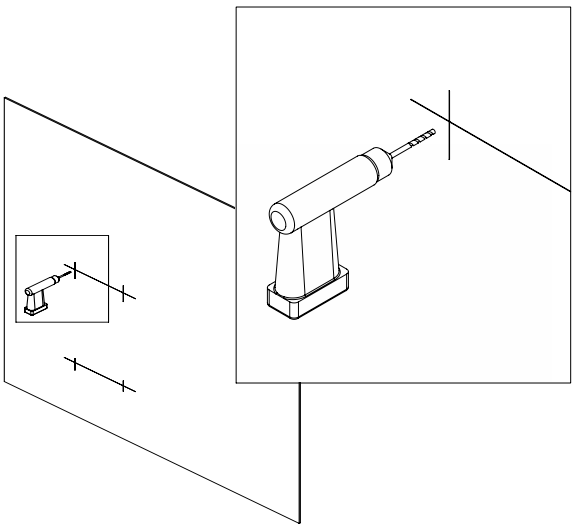
Step 2 - CH Installation Only

Apply a suitable thread sealant around the thread of the radiator valve tails (not supplied).
Turn the towel warmer upside down and screw the radiator valve tails (not supplied) into the bottom two threads.
Tighten with an adjustable spanner until most of the thread is in the towel warmer.
Note: If the threads on the valve tails are parallel they will not stop turning completely, but should feel reasonably tight.



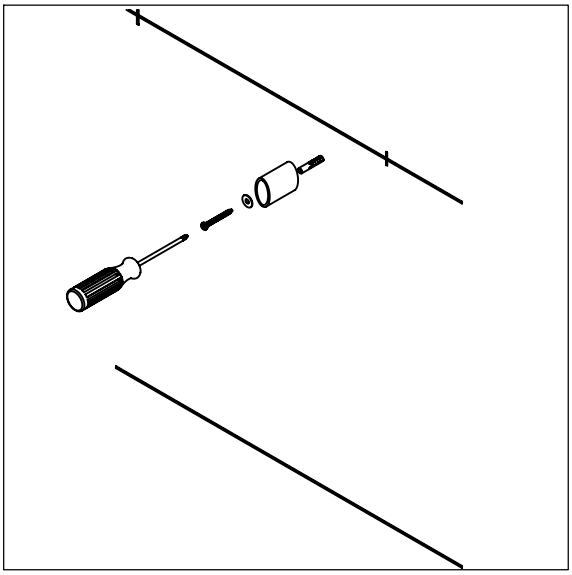
Step 3

Decide on the height to fit the towel warmer, mark the wall adjacent to each of the four radiator mounts using a pencil, then draw a horizontal line between each set of marks using a pencil and level.
Measure the distance between the rail's bracket mount centres using a tape measure. The points to drill the mounting holes can then be marked on the horizontal lines.



Step 4

If fixing into masonry then drill 8mm holes.
If fixing onto a stud wall it is essential that rails are fixed to the studs or noggins and for this, drill 2.5mm pilot holes with 6mm holes through any tiles.
Fixing into plasterboard is not recommended but if there is no other option then suitable special fixings must be purchased.



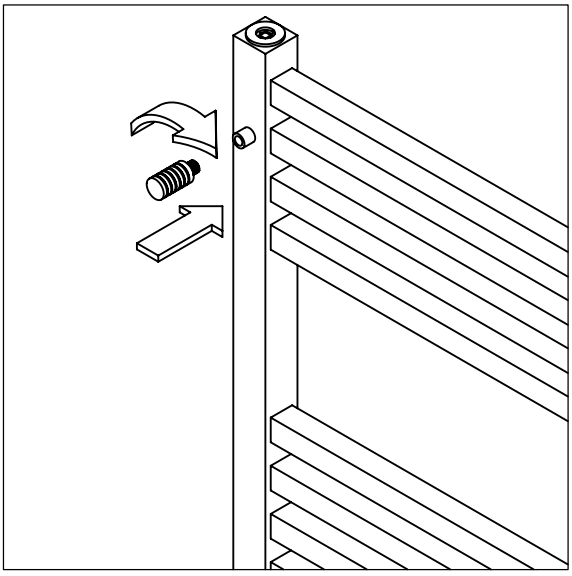
Step 5

If fixing into masonry, place the wall plugs into the holes drilled in Step 4.

Place a washer onto a wall screw and then put the screw through the base of a bracket base. Screw the assembly to the wall using a PH3 screwdriver.

The slotted hole in the bracket base should be facing downwards.

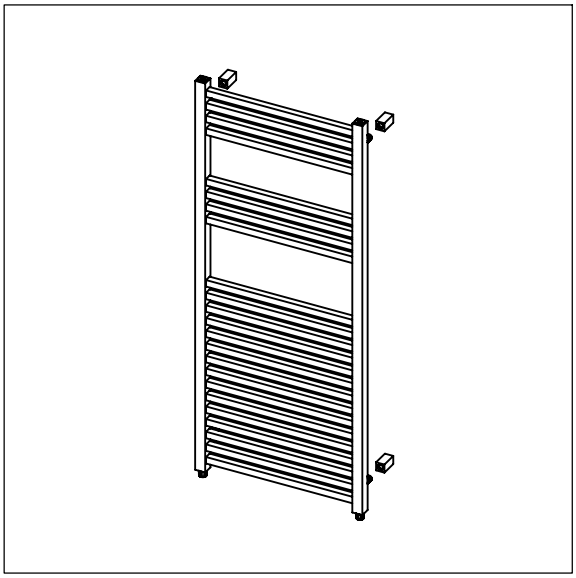
Repeat for the remaining three bracket bases.



Step 6

Screw a bracket stem into position on the back of the towel warmer and tighten.

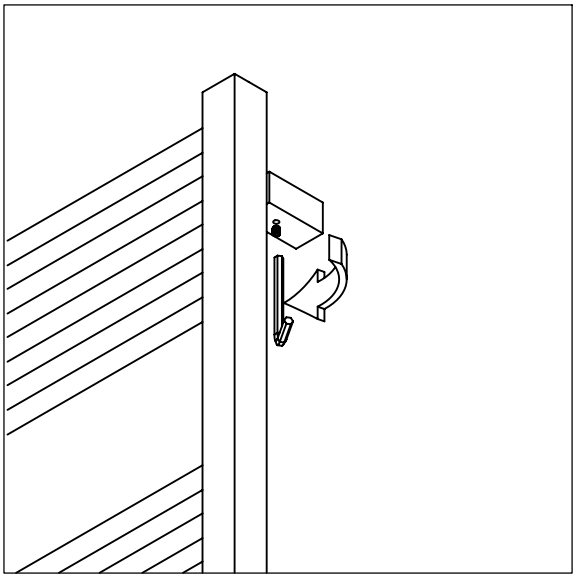
Repeat for the remaining three bracket stems.



Step 7

Align the bracket stems with the bracket bases and push the towel warmer back towards the wall.

Loosely screw the four mini screws into the holes in the bracket stems through the bracket bases.



Step 8

Tighten all four Mini Screws using the Hexagon Key provided

Step 9 - Electric Only
The warmer can now be fitted to the mains electricity supply by a Qualified / Fully Competent Electrician.

Step 10 - Electric Only
During commissioning allow the warmer to build up to full heat and then with a cloth ready to absorb any released fluid, manually depress the 3 Bar pressure relief safety valve to release any excess fluid pressure.
Please Note: Take extreme care as any fluid that is released will be very hot.

Installation of your electric only towel warmer is now complete and your warmer is ready to use.

If connecting your warmer to a central heating system then please continue the installation as follows.

Step 11 - CH Installation Only
Check that all fittings are fully tightened before filling with water.
Ensure the central screw in the air vent plug is loosened using a No6 slotted screwdriver to allow air to be released from the rail while fillling the system.
Tighten the central screw in the air vent plug once water comes through.
Check carefully for leaks.

Step 12 - CH Installation Only
Provided no leaks are found the system should be thoroughly flushed using a central heating cleanser that is approved by the Domestic Water Treatment Association.
Chemically flushing the system is essential to clean out any debris or chemicals that may have been introduced and may not otherwise be removed by using just water.

Step 13 - CH Installation Only
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 an hour during which time you should continually check for leaks.

Step 14 - CH Installation Only
Provided that there are no leaks you should now add a Domestic Water Treatment Association approved central heating protector.
A protector will improve efficiency and the life-cycle of the entire central heating system.
FAILURE TO PROTECT THE SYSTEM PROPERLY WILL INVALIDATE THE GUARANTEE.

Step 15 - CH Installation Only
When the system reaches full temperature, release any trapped air by loosening the central screw in the air vent plug using a No6 slotted screwdriver and re-tighten when water comes through. The air vent cover (mild-steel radiators only) can then be pushed into position on top of the air vent plug.

Step 16 - CH Installation Only
For maximum efficiency the towel warmer should be balanced like a standard steel panel convector so there is approximately 12°C temperature difference between the flow in and the return out.

Caring for your Towel Warmer

Your towel warmer has been manufactured with a very high quality finish.

Like the chrome parts on a car, to keep your towel warmer looking at its best and to protect it from aggressive oxides in mains water, your towel warmer should be regularly cleaned with an appropriate cleaner.

For chrome and stainless steel rails we would recommend a metal polish. For painted rails we recommend a non-abrasive / solvent free bathroom cleaner.

Please be aware that the rail is filled with a special heat transfer solution, but can be topped up with water leaving a gap of approximately 1 inch to allow for fluid expansion.