



## Single Rail Horizontal Heated Towel Warmer – Round Bar

*Item #: HTW-1RHR*

### Installation, Illustration, Cleaning & Safety Guidelines

Coldbuster Customer Service: 1800 85 75 65

**WARNING:** Failure to read this guide prior to installing your COLDBUSTER heater(s) may result in installation problems that could void your heater warranty.



Single Rail Horizontal Heated Towel Warmers provide heated rails to suit any bathroom. Heated towel rails are installed horizontally and can be installed singularly or in 2's, 3's or 4's, creating a floating ladder effect. By using multiple single heated rails, you save space, especially in smaller bathrooms while creating an aesthetically pleasing ladder feature.

The Single Round Bar Heated Towel Rail is 650mm x 32mm x 100mm, made of high quality polished 304 stainless steel. Unit operates at 20W on 240V with concealed cable and is SAA certified and CE approved.

## Installation & Illustration

The layout pattern for your heated towel rails is up to you, whether you choose to install singularly or in a ladder format of 2, 3 or 4 or more heated towel rails.

Whichever layout pattern you choose, please be sure to discuss with your Builder, Tiler, Electrician and Trades Person as pre-planning and prep work will be required by all.

**Step 1:** Choose the layout best suited for your bathroom design. It would be beneficial to consult with your Builder, Tiler, Electrician or Trades Person to ensure the location you desire can be accommodated with electrical services and installation requirements.

**Step 2:** Arrange for your electrician to run conduit or appropriate wiring to the wall area and the location of your heated towel rails. This should be completed before any tile work or gyprock, or wall material goes up as you will need to ensure access to the conduit and location. If tiling is already completed, you will need to arrange with your Electrician the best location for installation and power access.

**Step 3:** Tiling can be completed for the wall area, however the conduit and location for the wire connection should be marked and recorded.

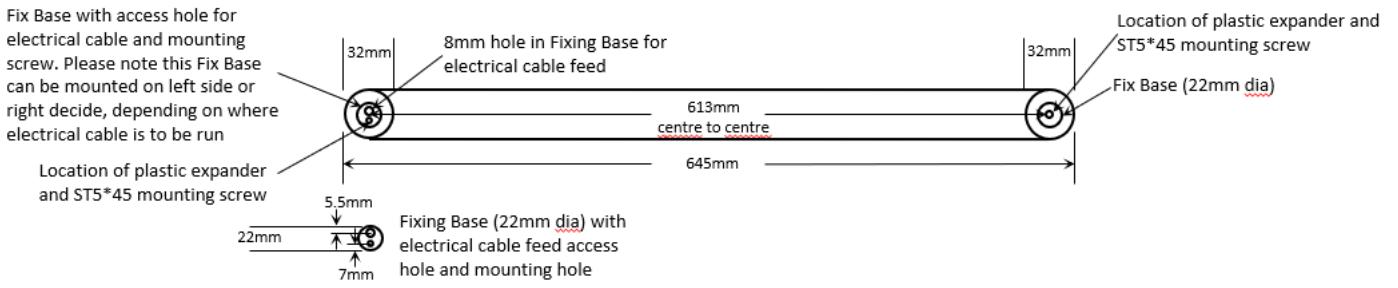
**Step 4:** Mark mounting holes (6mm) and electrical cable access hole (8mm) on the tiles according to the dimensions of your heated towel rails, ensuring you have identified where mains electrical supply is located in the wall at mounting points. Appropriate Fixing Base can be mounted on left side or right side, depending on location of electrical cable connection. (Fig 1)

**Step 5:** Feed electrical cable coming from the rail, through the hole in the fix bases and then through hole in the wall. Please note towel rail has electrical cable at one end only. It can be mounted with cable on the left side or the right side.

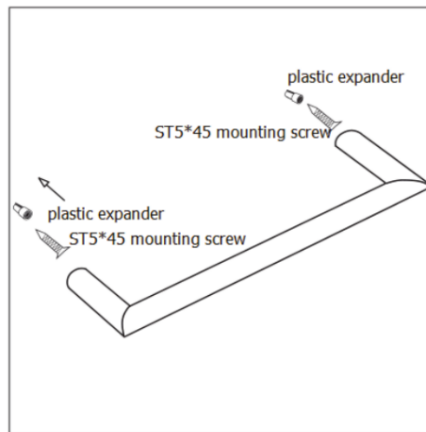
**Step 6:** Mount the 2x fix bases into the wall by first inserting the plastic expander (6mm) and then screwing the ST5\*45 mounting screws into place. (Fig 2)

**Step 7:** Slide the ends of the rails over the fix bases and tighten the M5\*6 mounting screws on the underside with allen key. (Fig 2)

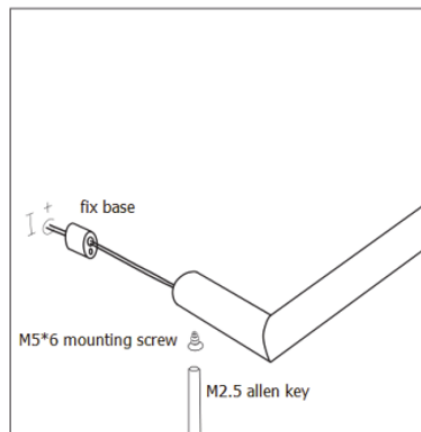
**Fig 1.**



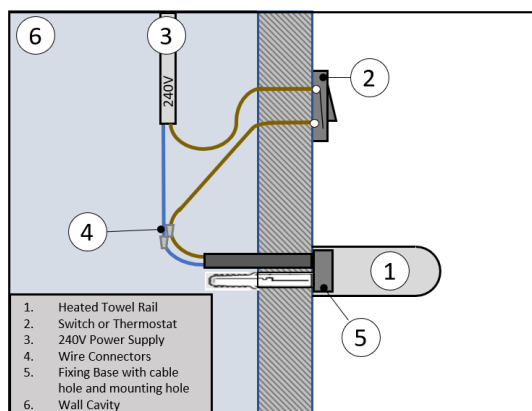
**Fig.2.**



**Fig. 3**



**Fig 4.**



## Connection and On/Off Management

### Option 1:

Heated towel warmers are not thermostatically controlled and do not require a thermostat. However heated towel rails can be operated by a Dual Thermostat that is managing underfloor heating. 1 part of the Dual thermostat will manage underfloor heating, using a floor sensor to sense actual floor temperature and can be managed by the thermostat (time and temperature). Temperature for floor heating will be controlled by the thermostat. Coldbuster now have the Coldbuster Dual Thermostat designed specifically for this type of application.

The 2<sup>nd</sup> part of the Dual Thermostat will operate as an on/off timer where the heated towel warmers can be connected. A timer will turn heated towel warmers on and off as programmed, however temperature is pre-set and not adjustable for the heated towel warmers.

This will require pre-planning with your Electrician or Builder to ensure mains power can be run to the required thermostat point as well as conduit and/or wiring cable. Wiring and cable will also need to be in place from the installed location of your heated towel rails to the thermostat location. (Fig 4.)

### Option 2:

Heated towel warmers can be connected to a timer. Meaning towel warmer will start heating at the programmed time, turning off at the programmed time. Timer can be located on the wall next to a light switch or any convenient place that is accessible. This will require pre-planning with your Electrician or Builder to ensure mains power can be run to the required installation point of your heated towel rails as well as conduit and/or wiring cable is in place to the timer location. Coldbuster do not offer a plain Timer, however your Electrician will be able to source and supply an appropriate Timer. (Fig 4.)

### Option 3:

Heated towel rails can be connected to a dedicated standard light switch. Meaning towel rails will start heating when switch is turned on and stop heating when switch is turned off. Light switch can be located in a convenient location within the room. This will require pre-planning with your Electrician or Builder to ensure mains power can be run to the required light switch location. Conduit and/or wiring cable will also need to be in place from the heated towel rail location to the light switch location. Coldbuster do not offer a standard light switch, however your Electrician will be able to source and supply an appropriate light switch. (Fig 4.)

### Multiple Heated Towel Rails

If 2 or more heated towel rails are to be installed in a ladder format, heated towel rails should be wired in parallel. Please consult with your Electrician.

## Cleaning

As heated towel rails will require a wipe down from time to time, use only a soft damp cloth.

A mild detergent may be used if dirt and spots need to be removed. Gently wipe and rinse with soft damp cloth after use.

You can dry using a microfiber cloth to dry and polish heating tubes and base flanges.

NOTE: Do not use abrasive or corrosive cleaners on stainless heated towel rails at any time.

## Safety Information

Please follow the basic safety instructions when using the electric heated towel rail products.

**READ THESE INSTRUCTIONS CAREFULLY.** Keep them handy for future reference.

- This appliance is used for warming and drying towels; therefore, it is hot to touch. Young children or infirm persons should be supervised when the product is working and ensure that they do not touch the appliance.
- The appliance will feel hotter to touch during warmer periods because of the rise in ambient temperature. Also, the insulation effect of towels will cause the operating temperature to increase slightly.
- The appliance should be installed so that switches and other controls cannot be touched by a person in the bath or shower.
- This appliance is ONLY used for warming and drying towels, DO NOT use it for any other purpose.
- To avoid danger this product MUST NOT be used to carry towels or any other articles that have been in contact with oil, petroleum-based products, or dry-cleaning fluids.
- Make sure the voltage complies with the specification on the rating label, or elsewhere in these instructions.
- DO NOT immerse in any liquid.
- DO NOT allow the power cord to come in contact with the hot surface of the heating tubes when it is working.
- If the product does not work well or is damaged, it must be fixed or replaced by the manufacturer, its service agent, or similarly qualified persons.
- **WARNING:** The bottom rail of this product MUST be installed at least 600mm above the floor in order to avoid risk of harm to young children.
- **\*NOTE:** Any electrical work must be conducted by a qualified licenced electrician.

## Where Can Heated Towel Rails Be Installed?



Zone	requirements
Zone 0	Inside the bath or shower. Any Lighting used here must have a minimum rating of IP67 (protected against immersion in water)
Zone 1	Above the bath or shower to a height of 2.25m. A minimum rating of IP44 is required
Zone 2	The area stretching to 0.6m outside the bath or shower and above the bath or shower if over 2.25m. An IP rating of at least IP44 is required
Outside Zone	Anywhere outside zones 0, 1 & 2. Where water jets are not to be used for cleaning purposes, the general rules of BS7671 apply