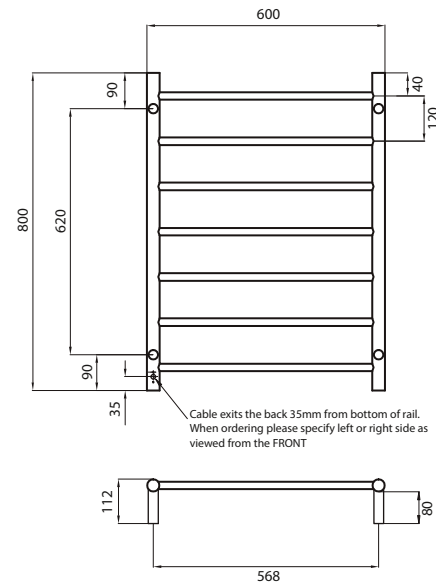




















# ROUND HEATED

## RTR01 – Standard 240V model

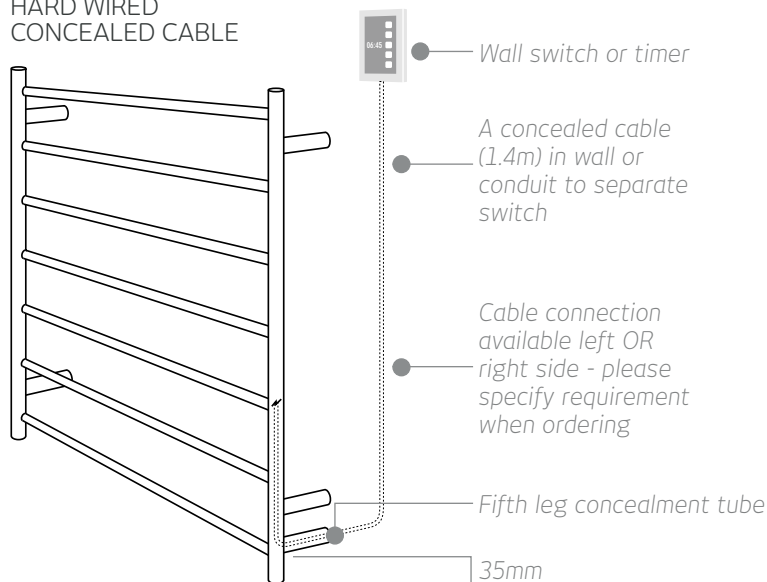
MIRROR POLISHED AND BRUSHED SATIN  
MANUFACTURED FROM 304 GRADE STAINLESS STEEL  
COLOURED FINISHES MANUFACTURED FROM 201  
GRADE STAINLESS STEEL  
IP55 RATED (COLOURED FINISHES ARE IP54 RATED)  
ALL TOWEL RAILS AVAILABLE WITH EITHER BOTTOM  
LEFT OR RIGHT OUTPUT  
ALL STANDARD RAILS ARE DUAL PURPOSE, OFFERING  
A PLUG AS STANDARD, BUT PACK CONTAINS A HARD  
WIRING KIT  
CAN BE MOUNTED UPSIDE DOWN  
10 YEAR WARRANTY FOR CONSTRUCTION / HEATING  
ELEMENT  
COATING ON COLOURED RAILS ARE COVERED BY A  
2 YEAR WARRANTY



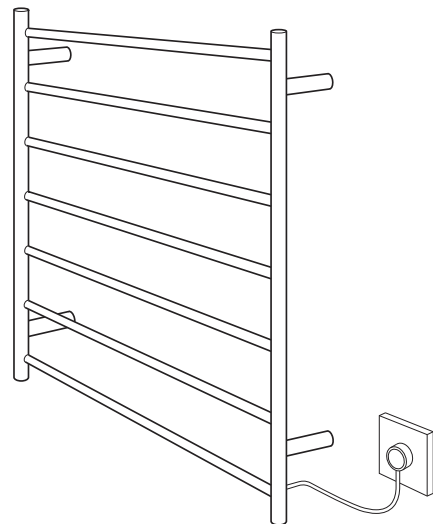
FEATURES	CODE	SIZE (MM)	FINISH	
<ul style="list-style-type: none"> <li>Round bar / Height 800mm / 7 evenly spaced bars / 85W (Black rail 110W)</li> <li>Standard model is 240V / IP55 rated</li> <li>Vertical bars 32mm diameter</li> <li>Horizontal bars 19mm diameter</li> <li>112mm from wall</li> <li>Cable length: 1.4m, plug included</li> </ul> <p><b>Please note:</b> Due to manufacturing constraints beyond our control, our coloured towel rails may have minor colour variances in different batches, so may be slightly different to the images and colour samples you may have seen.</p>	RTR01LEFT	600x800	Polished	
	RTR01RIGHT	600x800	Polished	
	BRU-RTR01LEFT	600x800	Brushed Satin	
	BRU-RTR01RIGHT	600x800	Brushed Satin	
	BRTR01LEFT	600x800	Matt Black	
	BRTR01RIGHT	600x800	Matt Black	
	GMG-RTR01LEFT	600x800	Gun Metal Grey	
	GMG-RTR01RIGHT	600x800	Gun Metal Grey	
	GLD-RTR01LEFT	600x800	Brushed Gold	
	GLD-RTR01RIGHT	600x800	Brushed Gold	
	BN-RTR01LEFT	600x800	Brushed Nickel	
	BN-RTR01RIGHT	600x800	Brushed Nickel	
	LG-RTR01LEFT	600x800	Light Gold	
	LG-RTR01RIGHT	600x800	Light Gold	
	CH-RTR01LEFT	600x800	Champagne	
	CH-RTR01RIGHT	600x800	Champagne	
	ORB-RTR01LEFT	600x800	Oil Rubbed Bronze	
	ORB-RTR01RIGHT	600x800	Oil Rubbed Bronze	

# INSTALLATION INSTRUCTIONS

## HARD WIRED CONCEALED CABLE



## PLUG IN



## PLEASE READ THESE INSTRUCTIONS BEFORE INSTALLATION

The RTR and STR series of heated towel rails are DUAL PURPOSE. Supplied as Plug In with a moulded plug for 'soft wiring' AND also a concealed fixing kit (fifth leg) for 'hard wiring'.

Please see drawings.

For concealed wiring, a provision needs to be made to connect the towel rail via a switch or timer switch.

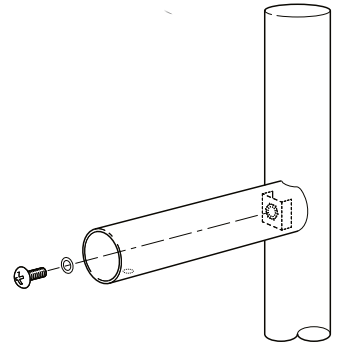
Depending on your preferred switch position the towel rail can be mounted upside down if required.

**NOTE:** Hard wired installation must be carried out by a licenced electrician. The Radiant Towel Rail range are manufactured in accordance with Australian Standards - SAA Certificate of Approval number V07911, with an IP RATING of IP55 and come with a 7 year replacement warranty.

LADDER WIRING  
*options*

## STEP 1

Fix the 4 brackets to the towel rail using the 4 short screws provided, ensuring that the screws are pointing downwards. You will need to tighten the brackets sufficiently so that they sit at 90 degrees to the towel rail.

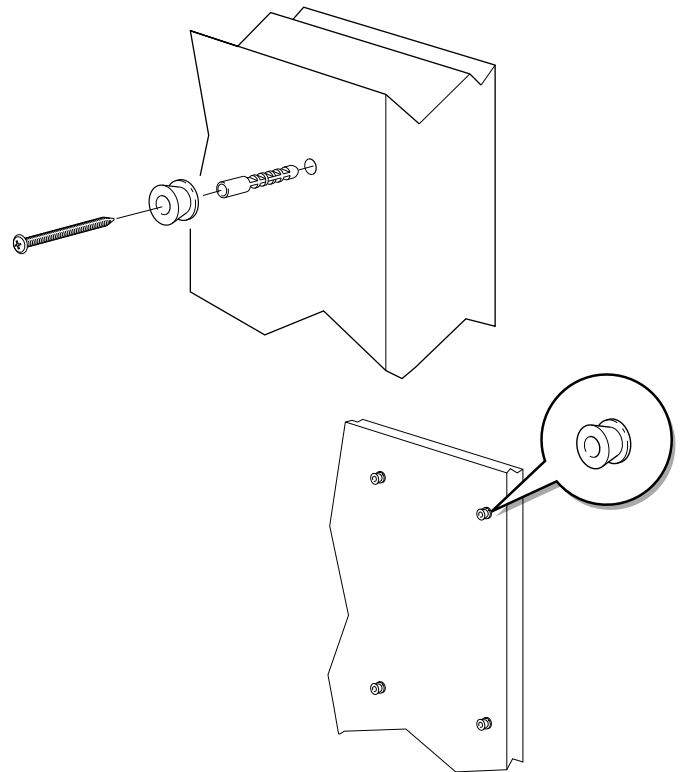


## STEP 2

Hold the towel rail in the required position on the wall and carefully mark the centre of the bracket positions. Use a spirit level to ensure that the marks are level and measure to ensure that they are the correct distance apart.

Drill 4 holes and attach the mounting studs as shown in the diagram.

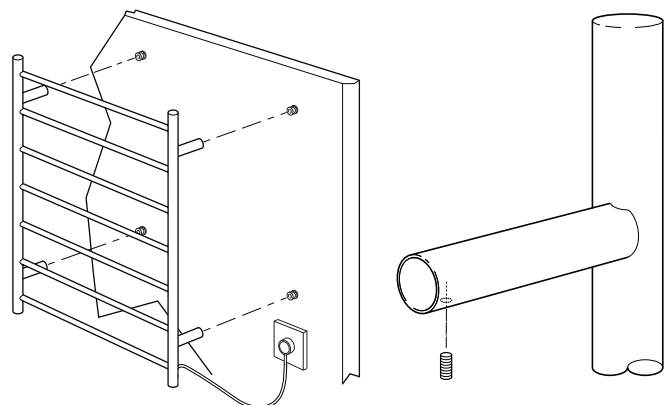
NOTE: The wall plugs provided are designed for brick walls. If you are fixing to timber studs you should use suitable timber screws. If you are fixing to plasterboard, you should use special plasterboard fixings to properly support the weight of the towel rail.



## STEP 3

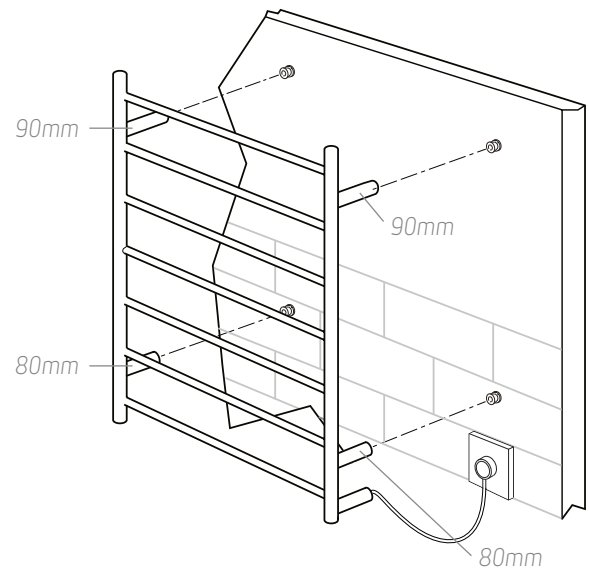
Slide the towel rail over the mounting studs as shown and then tighten the grub screws with the allen key provided.

Once in position the towel rail can be plugged in and used immediately.

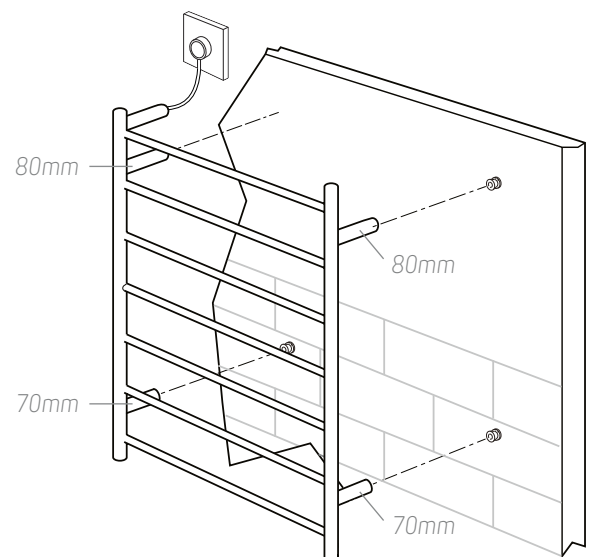


## HALF TILED WALLS

If wired at the **bottom**, order 2 x 90mm legs  
(10mm **longer** than standard 80m legs).



If wired at the **top**, order 2 x 70mm legs  
(10mm **shorter** than standard 80m legs).



## HARD WIRING OPTIONS

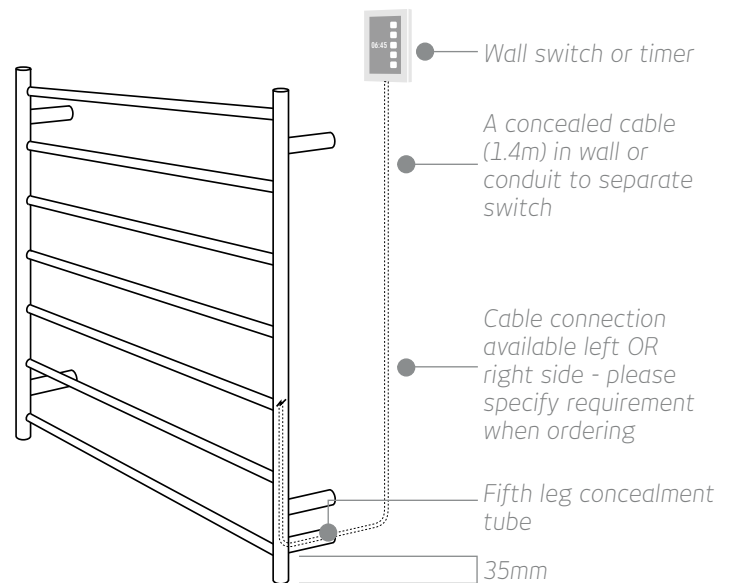
If you choose to hard wire the towel rail to a separate switch, the work must be carried out by a licensed electrician.

To hard wire the towel rail with the cable flex concealed, first remove the 3 pin plug and slide the 5th bracket over the wire.

This bracket is then fixed to the towel rail using the small screw provided.

The cable should then be fed through the conduit in the wall to a separate switch or timer switch - see drawing opposite. If the pre-wiring is already in place, a waterproof heat shrunk junction can be done by the electrician inside the concealment tube.

### HARD WIRED CONCEALED CABLE



## CARE OF YOUR TOWEL RAIL

Radiant heated towel rails are manufactured from stainless steel and it is recommended that you clean them regularly with a soft damp cloth. If you need to use a cleaning product you should only use a product suitable for cleaning a polished stainless steel surface.

# AUSTRALIAN STANDARDS IP RATINGS

## Safety in the bathroom

**Are you under the impression that you will need a low voltage towel rail in order that it can be placed in a shower, or above a bath? Or has your electrician told you that a standard 240V rail will be dangerous?**

**All Radiant towel rails are IP (ingress protection) rated to go into Zone 1 of any bathroom.**

All Radiant Towel Rails are rated IPX5, when hard wired, which is one of the highest ratings available for heated towel rails in Australia/New Zealand. This means the towel rail is protected against water jets from any direction. IPX5 rating generally allows installation in very close proximity to the bath or shower when 'hard wired' (including above the bath) as long as they are wired to a switch which is positioned in 'Zone 3' as determined by the AS/NZS wiring regulations. As bathroom designs vary greatly and as with any electrical appliance, please always ask your builder to consult the current version of the AS/NZS wiring regulations to confirm the exact position allowable.

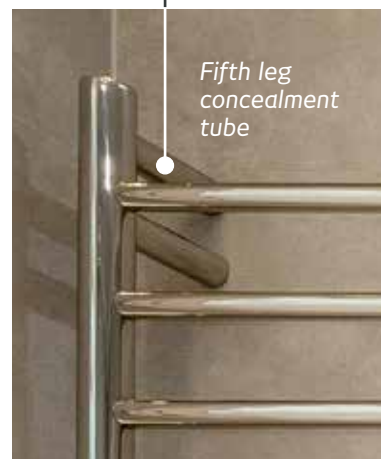
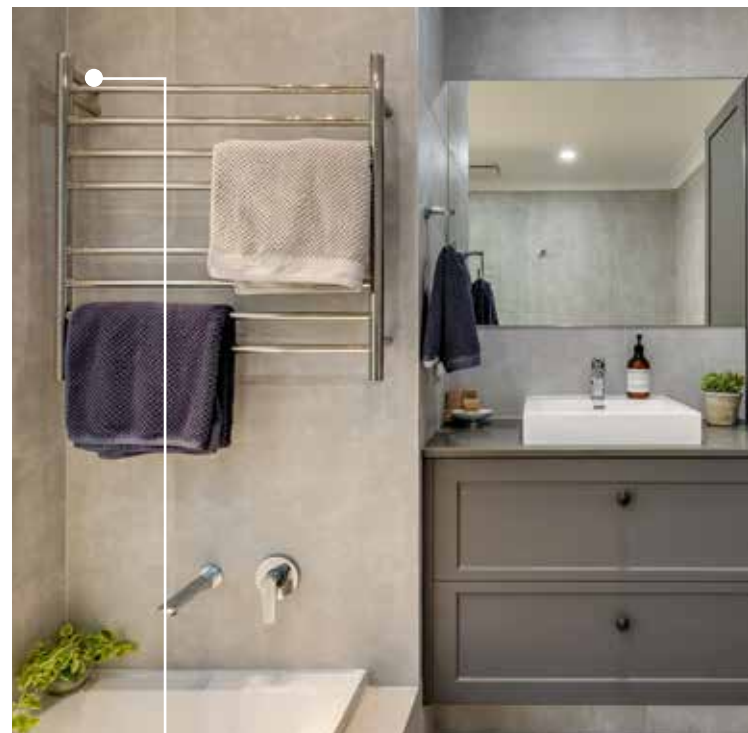
To achieve this we need to tightly seal the cable exit from the ladder, so that the water cannot enter the ladder. Hence the reason it is not an interchangeable cable.

You probably think it doesn't matter which you order, but the decision is up to YOU!

### **So why left or right?**

Radiant Heating heated ladders are all sold with a cable coming out just below one of the bottom legs both on the LEFT and the RIGHT. (Depending on your preferred switch position the towel rail can be mounted upside down if required.)

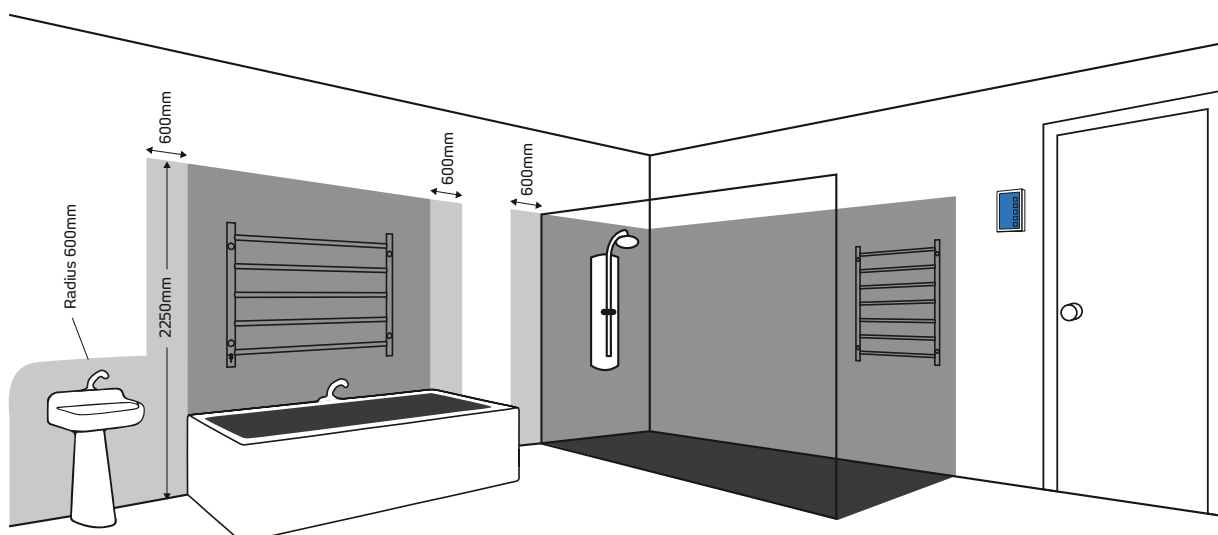
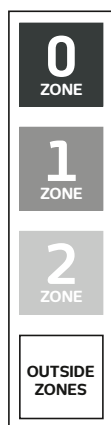
Therefore before you purchase your heated ladder, check with your electrician which one he will need.



### GUIDANCE ON THE SELECTION AND INSTALLATION OF ELECTRICAL EQUIPMENT FOR BATHS, SHOWERS AND OTHER FIXED WATER CONTAINERS

EQUIPMENT	ZONE 0	ZONE 1	ZONE 2	ZONE 3
Clause 6.2.4.2 Socket outlets	Not permitted	Not permitted	(a) A shaver outlet; OR (b) RCD-protected and in a cupboard (no specified IP rating)	(a) <0.3m Not permitted (b) >0.3 m No IP rating* but shall have (i) RCD protection; OR (ii) Separated supply; OR (iii) SELV OR PELV supply
Clause 6.2.4.3 Switches / Accessories	Not permitted	Same as zone 2	<0.3 M Not permitted >0.3 M IPX4*	
Clause 6.2.4.4 Luminaires	IPX7 and specifically for use and SELV or PELV supply	IPX4*	IPX4*; OR Class II construction (double of reinforced insulation); OR SELV or PELV; OR Recessing into ceiling	NO IP rating*
Clause 6.2.4.5 Other	IPX7 and specifically for use and SELV or PELV supply	IPX4*	IPX4* OR Recessed into ceiling	NO IP rating*
Clause 6.2.4.6 Switchboards	Not permitted	Not permitted	Not permitted	Not permitted

\* Degree of protection IPX5 required in communal baths/showers. COPYRIGHT P249 Australian Electrical standards.





# USAGE, MAINTENANCE + CARE

## Usage

Can be mounted upside down without affecting usage or warranty.

## Heat output options

Radiant towel rails are a constant wattage appliance, designed to be used as a towel warmer and drier mostly in winter. They do have to get fairly hot so that they will effectively dry and warm the towels as a 'luke-warm' rail would be ineffective and not fit for purpose!

Our towel rails are designed to dry towels and are not designed to hold your hand on them, especially below a folded towel.

In the summer months, when the bathroom is much warmer you generally do not need to use the heated rails at all, but if you do then be aware that the rails may become hotter as the heat will not dissipate into the room as it does in winter when the room is generally colder.

If you do wish to use your heated towel rail year-round and find that it is hotter than you are comfortable with then we suggest that they are either used for shorter periods of time and not left on for hours or run 24/7. Alternatively, they can be wired via a simple dimmer switch so that you can adjust the power output up and down in the same way you would dim your lights, or you can install a radiant TS8100W-TIM-VP which is a timer with 3 output settings 30%, 60% or 100%

If you have any questions, please do not hesitate to contact a member of our team.

## Maintenance and care details

For general weekly cleaning of stainless and coated rails use a damp cloth, but for any stubborn marks, use a non-abrasive, solvent free cleaning product suitable for stainless steel.



EXCEED  
*expectations*