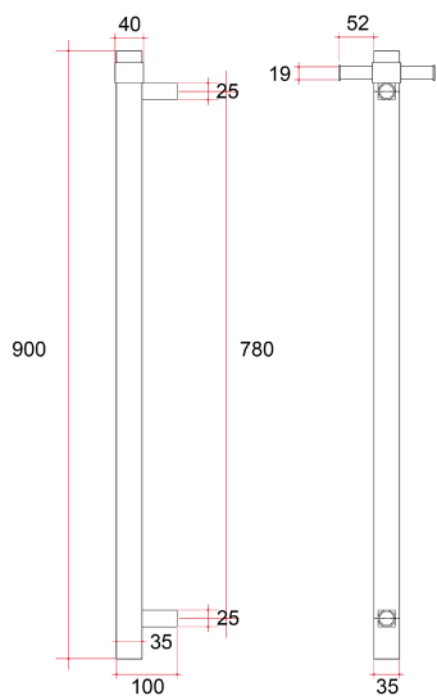


Thermorail 12V Vertical Towel Rail
Electric Heated Towel Rails for use in bathrooms



Note: All dimensions are in millimeters (mm)
Rails are sold individually. Hooks are removable.

Stock Code	Finish	Size (mm)	Output (W)	No. of Bars
VS900SHB	Matt black	W142 x H900 x D100	29	1



Seven year
warranty



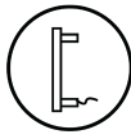
Safe for use
in bathrooms



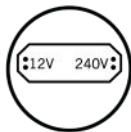
Quality stainless
steel



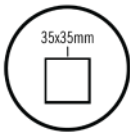
Safe for use
in wet areas



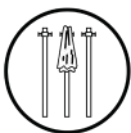
Concealed
wiring only



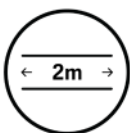
Transformer
included
(12 month warranty)



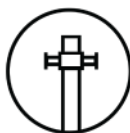
Vertical bar
size



One towel per bar
recommended



2m lead on rail



Optional
removable hook



PLEASE NOTE: Specifications are for information purposes only. Whilst every effort has been made to ensure the product specifications are accurate, due to continuing product development and improvement the specifications are subject to change. Specifications can be used to rough in and fit timber supports in the wall however we recommend no holes are drilled without having the product on site or verifying the details with the manufacturer. Thermogroup cannot be held liable or responsible for errors due to updated specifications.



Bathrooms are zoned according to Australian Standards. Positioning of a Thermorail Heated Towel Rail is the responsibility of the Electrical Installer.

IP55
 Most Thermorails have an IP55 Protection Rating

ELECTRICAL SAFETY IN WET AREAS

ZONE 0

Inside bath or shower. Any fitting used in this zone must be low voltage (max 12V) or a rating of at least IPX7 is required. Transformers and switches must be outside of zone 1.

ZONE 1

Area above the bath to a height of 2.25m from the floor. A minimum of IPX4 (IP44) needed. Thermorails in this zone must be hardwired and protected by a 30mA RCD on the circuit. The switch must be outside of Zone 2. Typically an electrician will require a 12Volt heated towel rail in this zone.

ZONE 2

Covers 600mm outside the perimeter of the bath to a height of 2.25m from the floor. Also covers a radius of 600mm around a wash basin. Minimum rating of IPX4 (IP44) needed in this zone.

OUTSIDE ZONES

No specific requirements unless water jets are intended for cleaning purposes.

ALL ZONES

All electrical circuits in bathrooms must be protected by an RCD. If exposed to water jets such as a shower, a rating of at least IPX5 is required.



IP RATINGS

Electrical fixtures in bathrooms are certified using an IP (Ingress Protection) rating. The IP is followed by 2 numbers and refers to the level of protection against the ingress of foreign bodies (1st number) and protection against the ingress of liquids (2nd number). The higher the second number is the greater protection the item has from water ingress.

ZONAL GUIDELINES

All domestic installations must comply with guidelines based on the zonal requirements. Thermogroup recommends that all electrical work is carried out by a qualified electrician in accordance with current regulations. Consult your electrician for wiring requirements in your area.

Thermorail Towel Rail

12V Vertical Bar Heated Towel Rail

Installation Guide

Please read these instructions carefully and in full before installation.
Hardwire Installation should be carried out by a qualified electrician.



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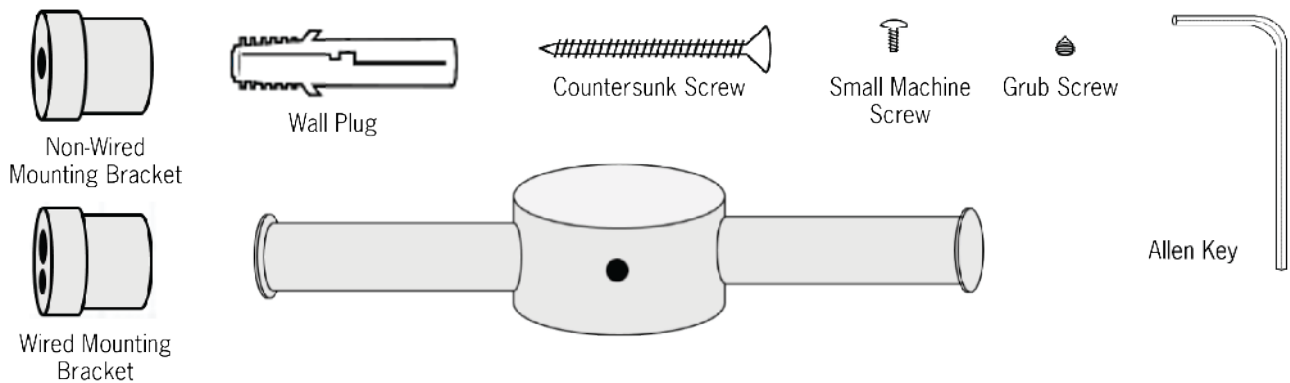
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What's in the box?

Check you've got everything

- Thermorail Single Vertical Bar Rail
- 12Volt Transformer
- Screw Kit including:
 - 1 x Non-Wired Mounting Bracket
 - 1 x Wired Mounting Bracket
 - 2 x Wall Plugs
 - 2 x Countersunk Screws
 - 1 x Small Machine Screw
 - Grub Screws
 - 1 x Hook
 - 1 x Allen Key

Please note for some models the legs are supplied separate to the main rail.

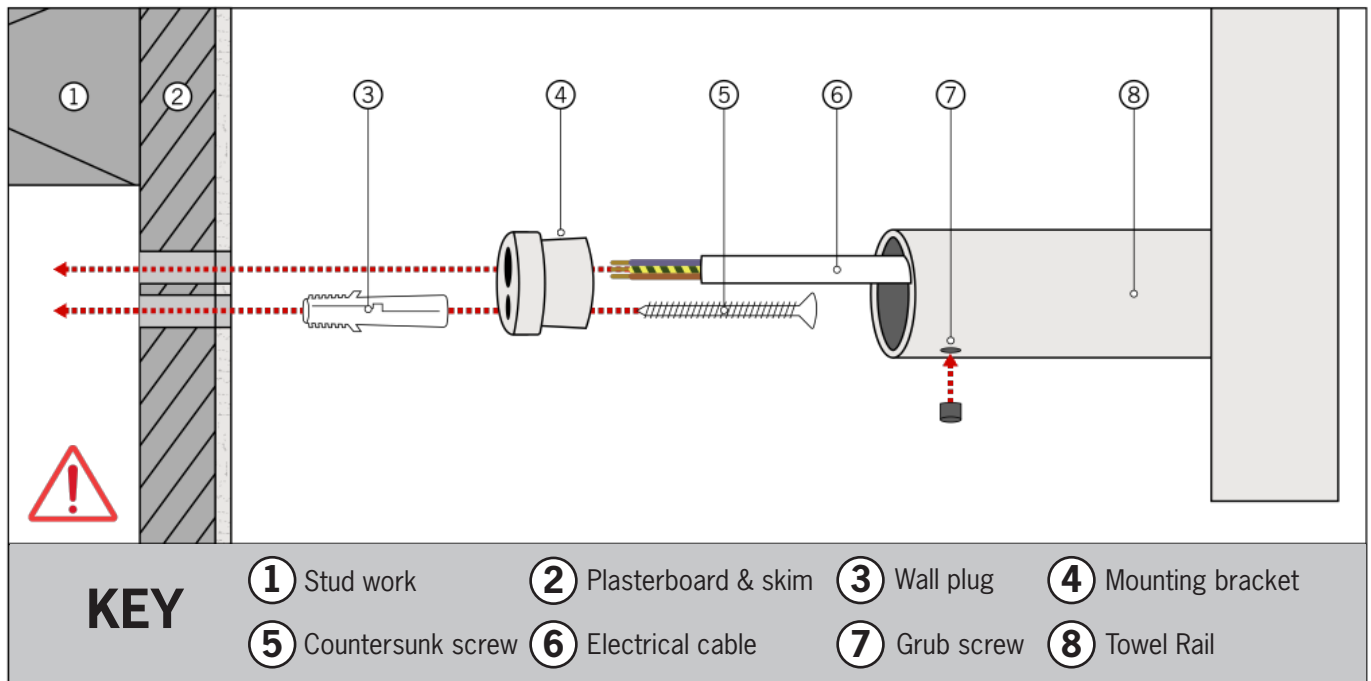


Please note these are not to scale

You will also need:

- Cross Head Screwdriver
- Pencil
- Spirit Level
- Tape Measure
- Drill Bits
- Cordless Drill
- Electrical Supply
- Timer/Switch

Installation



WARNING: This is a 12Volt heated towel rail and **MUST** be wired to a transformer (supplied). Connecting directly to the mains power supply will cause irreparable damage to the element and the element cannot be replaced.

1. Switch off the mains power

You will be installing the Thermorail as part of a high voltage mains electrical circuit. To ensure your safety and to protect the Thermorail, switch off the mains power before you start the installation. Please ensure that means for disconnection are incorporated in the fixed wiring in accordance with the wiring rules.

2. Install the transformer

The transformer is to be installed in the ceiling or the wall cavity no further than 2m from the rails and needs to be connected to the mains power supply in accordance with current local building regulations. If mounting in the wall cavity the transformer must be behind an access plate or a timer/switch to enable access and the transformer must have ventilation.

3. Install two wall brackets

Measure and mark out the bracket positions making sure they are level. Drill a 6mm hole for each of the two wall brackets and an extra hole for the cable at the wiring point and insert suitable wall plugs. Fix the two mounting brackets in place using a screwdriver and screws.

Installation & Wiring Diagram

4. Electrical Connections

Ensure your electrical supply is switched off. Push the cable through the hole in the wall bracket and connect to the transformer previously installed (refer to the wiring diagrams opposite). When installing multiple of the Thermorail Vertical Rails it is recommended that each rail is connected to its own individual transformers. Multiple rails connected to individual transformers can be wired to a single timer/switch and must be wired in parallel

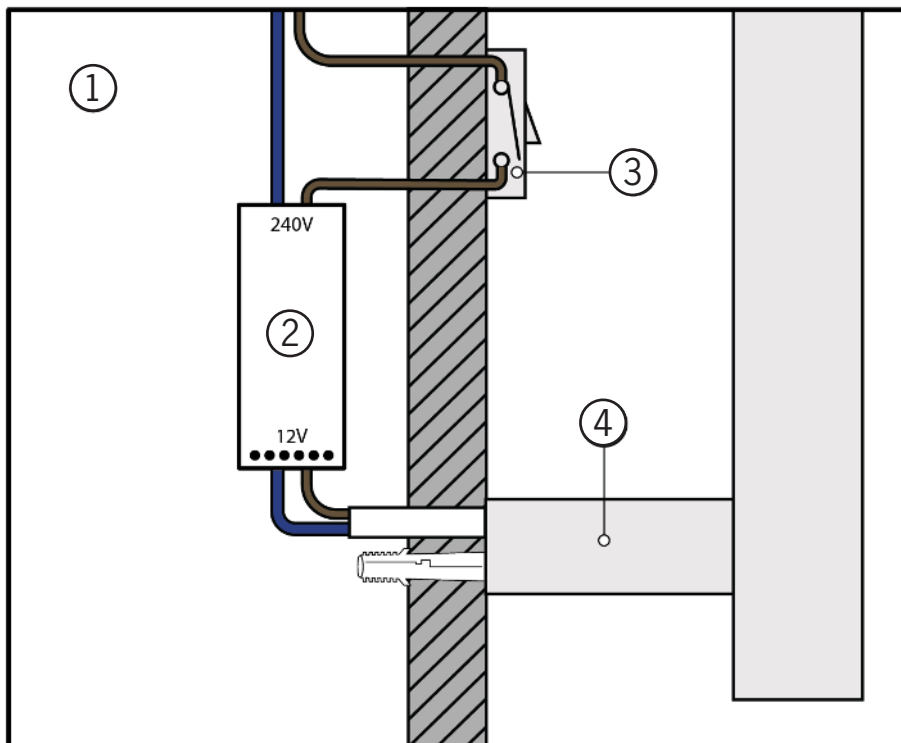
5. Fix Thermorail to the wall

Fit the Thermorail to the mounting brackets installed on the wall. You may need assistance to hold the rail in place. Tighten the grub screws on the two wall mount arms using the allen key provided.

6. Fix the hook to the vertical bar

Please note that the hook is optional and is not necessary for the unit to operate. Slide the hook on the top of the vertical bar (ensuring that the small screw hole is facing towards the wall) and hold in desired position. Use the small screw to fix in position.

Transformer Wiring Diagram



Key

- 1. Wall Cavity
- 2. Transformer
- 3. Switch/Timer
- 4. Thermorail

Safety Information

Thermorail Heated Towel Rails should be installed and tested by a qualified electrician and in accordance with current local regulations. We recommend that the rail is installed onto a flat uniform wall, with the bottom at least 600mm from the floor, with a 300mm clearance from permanent fixtures. Where possible the Thermorail Heated Towel Rail should be screwed into studs or if fixing to hollow walls suitable anchors should be used to ensure rail is secure.

Please read and understand this installation guide in full before commencing installation. If you have any queries in regards to installation, please call 1300 368 631.

- Observe and adhere to electrical guidelines when placing your Thermorail in wet areas
- Ensure any timers or switches used are installed in correct zones according to the IP rating of the timer/switch
- Ensure that your Thermorail is protected by a suitably rated RCD circuit
- Do not use the towel rail to hold towels or other articles that have been in contact with oil, petroleum based products or dry cleaning fluids
- This appliance is intended to warm and dry towels and therefore is hot to touch so when near young children or infirm persons, close supervision is necessary.
- Do not immerse your Thermorail in any liquid
- Ensure the transformer is located no further than 2m from the Thermorail(s)
- Ensure the transformer is accessible and has adequate ventilation
- Ensure that multiple rails connected to individual transformers are wired in parallel to the switch/timer.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

WARNING: In order to avoid a hazard for very young children, this appliance should be installed so that the base of the rail is at least 600mm above the floor.

Care Information

The Stainless Steel finish of your Thermorail Heated Towel Rail is hard wearing and easy to maintain. However, any harsh scrubbing, scratching or acid based cleaning products will damage the surface of your towel rail. Cleaning with a soft cloth and a non-abrasive cleaning agent will give the best results.

Warranty Information

Thermogroup covers all its products with a satisfaction guarantee. In addition, Thermogroup will supply a replacement product where a fault is shown to be caused by manufacture, materials or workmanship providing the goods have been installed correctly and according to installation instructions. This guarantee does not include removal, freight or installation costs. Our goods come with guarantees that cannot be excluded under Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

The details on the length of the warranty on the 12Volt Vertical Bars is on page 5 of this installation guide. To use the warranty, repair or service the customer must provide purchase invoice/receipt and have completed the online warranty registration form.

If the product develops a fault within the warranty period due to normal wear and tear, Thermogroup at its discretion will recognise whether it's a faulty product or not. If it is impossible or not economical for the manufacturer to repair the product, the manufacturer will replace the faulty product with a new unit of the same model or if there is no stock available of the same model as the product, the manufacturer will replace the product with a new unit of a similar size. No responsibility can be taken for altered dimensions and lining up of existing holes.

The repair service offered within the warranty period only covers the faults and problems as developed from the manufacturer's errors. Any damage caused by improper use or carelessness or incorrect wiring is not covered.

Thermogroup is not responsible for any monetary loss or injuries caused by improper use of this product.

Warranty Registration

The Thermorail Heated Towel Rail warranty against manufactures defects is a limited liability warranty and will only apply if the product is registered online. Online registration must be completed within 60 days of installation. Failure to complete the warranty registration will void the warranty.

Contact Us

Technical Specifications

CODE	NO. OF BARS	FINISH	SIZE (MM)	OUTPUT WATTAGE	WARRANTY
VS900H	1	Polished	W142XH900XD100	22	10
VS900HB	1	Matt Black	W142XH900XD100	28	7
VS900HBR	1	Brushed	W142XH900XD100	22	7
VS900HBG	1	Brushed Gold	W142XH900XD100	22	7
VS900HBB	1	Brushed Brass	W142XH900XD100	30	7
VS900HSW	1	Satin White	W142XH900XD100	30	7
VS900HGM	1	Gun Metal	W142XH900XD100	30	7
VS900HBN	1	Brushed Nickel	W142XH900XD100	30	7
VS900HBZ	1	Brushed Bronze	W142XH900XD100	22	7
VS900HDP	1	Dusty Pink	W142XH900XD100	26	7
VS900HLS	1	Lilac Satin	W142XH900XD100	26	7
VS900HBL	1	Horizon Blue	W142XH900XD100	26	7
VS900SH	1	Polished	W142XH900XD100	30	10
VS900SHB	1	Matt Black	W142XH900XD100	29	7

Supply Voltage	220-240 50Hz
Transformer Voltage	12V
Wiring Method	Hardwired
Warranty on Transformer	1 Year
IP Rating	IP45
Wiring Position	Top or Bottom



Contact Us

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sales@thermogroup.com.au | www.thermogroup.com.au