Thermogroup reserves the right to alter designs, product specifications and materials without notice. All measurements are subject to manufacturing tolerances. All information in this brochure is correct at time of publication.

GUARANTEE 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 faulty manufacture, materials or workmanship providing the goods have been installed correctly & according to the installation instructions. Our goods and services come with guarantees that cannot be excluded under the Australian Consumer Law. For major failures with the service, you are entitled: to cancel your service contract with us; and to a refund for the unused portion, or to compensation for its reduced value. You are also entitled to choose a refund or replacement for major failures with goods. If a failure with the goods or a service does not amount to a major failure, you are entitled to have the failure rectified in a reasonable time. If this is not done you are entitled to a refund for the goods and to cancel the contract for the service and obtain a refund of any unused portion. You are also entitled to be compensated for any other reasonably foreseeable loss or damage from a failure in the goods or service.

Prices valid from 01/04/2020. Subject to change without notice.

©Thermogroup Trading Pty Ltd 2020
“Delivering excellence in the manufacture, distribution and support of market leading heating products”
Core Purpose
Allowing resellers to achieve their goals through trust, simplicity and elevating them in the eyes of their customers.

Our Values

Trust
We operate on the basis of trust. Speed happens when people trust each other, allowing us to serve our customers in the best possible way.

Put Customers First
We put customers at the centre of everything we do to ensure we achieve the very best outcome for the customer. We are committed to going above and beyond to deliver that little bit extra.

Continuous Improvement
We do not fear change; instead, we encourage innovation, creativity and being on the leading edge. There is always further to go and more to explore through challenging the status quo.

Strive for Simplicity
We believe that there is always a simpler way of doing everything and we are committed to finding the simplest option in every scenario.

Passionate
Through a love of what we do, we delight our clients. We are serious about results and are driven by our sense of urgency to achieve. We are focused on our goals and wholeheartedly committed to always giving 100%.

Positive
Positivity is a choice to be optimistic, content, and upbeat. We aim to create an environment where positivity can thrive, so people can laugh, have fun and do good.
CONTENTS

UNDERFLOOR HEATING

Thermonet - Under Tile Heating Mats
Vario - Loose Wire Under Tile Heating Kits
Thermonet - In Screed Heating Mats
Thermoscreed - Loose Wire In Screed Heating
Thermofoil - Under Carpet and Laminate Heating
Thermoslab - In Slab Heating
Vario PRO - Uncoupling & Heating System

CONTROLS & ACCESSORIES

Thermotouch 7.6iG Glass Programmable Thermostat
Thermotouch 4.3dC Dual Thermostat
Thermotouch 9.3mG Glass Manual Thermostat
Accessories

INSULATION

Econoboard Coated Insulation
Econoboard Uncoated Insulation
Overlay & Underlay Solutions

SPACE HEATING

Thermofan Fan Heaters
Thermomat

HEATED TOWEL RAILS

Thermorail Ladder Range
Thermorail Black Range
Thermorail Brushed Range
Thermorail Coloured Range
Thermorail 12V Range
Thermorail Timers
Thermorail Non-Heated Range
Jeeves Range
Thermorail Liquid-Filled

ABLAZE MIRRORS

Premium Back-lit Range
Contractor Back-lit Range
Magnifying Mirror Range
Black Frame Range
Contractor Range
Thermomirror Demister
Signature Range
Call us on 1300 368 631 or visit www.thermogroup.com.au
Environmental Focus

2020 is a year of change, challenge, growth and renewal. We have entered 2020 with a record-breaking heatwave, devasting bushfires and prolonged drought in a world that is more focused on climate change than ever before. Being a supplier of electric heating products, Thermogroup is aware of our responsibility towards keeping the planet clean and green while supporting the communities in which we live.

Electric underfloor heating systems have some distinct advantages over traditional heating. These include:

• 100% efficient at the point of use. Every unit of electricity that you pay for becomes heat energy.
• Electricity is now increasingly being generated by renewable sources on both domestic and commercial scales.
• All our heating products can be run using a solar electric system.
• Thermostats allow a higher level of monitoring and control than other forms of heating.
• Zero ongoing maintenance and very low lifetime cost when compared to a gas or aircon heating system.
• Much lower safety risk than a gas system as there is no fossil fuel consumption and no potential for gas leaks or carbon monoxide issues.
• Insulation helps to reduce heat loss, improve the efficiency of the system and reduce running costs.

Furthermore, Thermogroup is committed to the following in 2020 to fulfill our social and environmental responsibility.

• Reduce, reuse and recycle all that we can. A program to recycle 100% of all recyclable materials used. This covers our office and warehouse environments.
• Improve ecosystems. We will plant one tree for every floor heating system sold (based on thermostat quantity).
• Eco-friendly materials. Incorporating bio-derivative materials and supplies into all our processes.
• Supporting Environmental Impact and Social Responsibility initiatives.

Our environmental objectives and targets are designed to continually reduce our environmental impact and improve our sustainability into the future.
Did you know?
Of all the Earth’s surfaces, sand heats up and cools down the fastest!
The same concept applies to having underfloor heating below your tiles that warms up and cools down quickly, providing a perfect option for on-demand heating.
Underfloor Heating Systems
What are the benefits of underfloor heating?

An electric underfloor heating system provides an energy efficient, on demand heating system as well as interior design flexibility which improves comfort and space for everyone.

Radiators and Air Conditioning

Inefficient convection heating

Traditional convection heaters distribute heat unevenly throughout a room, resulting in drafts, hot heads and cold feet.

Heating in this way usually means your thermostat must be set to a higher temperature to achieve the desired comfort level, which increases heat loss and energy bills.

Underfloor Heating

Improved efficiency and comfort

Underfloor heating provides a comfortable, even temperature throughout the room.

Where the heating covers more than 80% of the room it can be used as the primary heat source.

You can also free up valuable wall space creating freedom for interior design.
The benefits of underfloor heating

- Comfortable heat: Underfloor Heating spreads heat evenly across the floor allowing it to naturally & gently heat the room.
- Energy efficient: Hot air rises naturally making heating at ground level an efficient way to heat the room.
- Accurate control: With the use of a thermostat you can control when your floor heating is on & off and control the temperature.
- Allergy friendly: There is no air or dust movement, making it the perfect system for allergy or asthma sufferers.
- Warm floors: Eliminate cold floors and experience warmth and comfort from your toes up.
- Zero maintenance: Our systems are electric, meaning they are maintenance and hassle free.
- Lifetime Warranty: Every system is tested in our manufacturing plant in Germany and we can offer you peace of mind with our lifetime warranty.
- Rapid heat up time: With Underfloor Heating installed directly below your tiles you have an on-demand heating system.
- Interior design freedom: With the heating system invisible below your floor you can design your room how you please without any heaters to work around.
Energy consumption

Our homes are full of electrical goods, some of which have a much higher energy consumption than you may think. Here are some examples of the average wattage of some familiar products found in homes all over Australia. Thermonet offers both 150 and 200 watts per square metre systems.

<table>
<thead>
<tr>
<th>Product</th>
<th>150W/m² (Pg 20)</th>
<th>200W/m² (Pg 31)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3m² Floor Heating</td>
<td>450W*</td>
<td></td>
</tr>
<tr>
<td>Television</td>
<td>100W</td>
<td></td>
</tr>
<tr>
<td>Washer/Dryer</td>
<td>1500W</td>
<td></td>
</tr>
<tr>
<td>Airconditioner</td>
<td>2500W</td>
<td></td>
</tr>
<tr>
<td>Microwave Oven</td>
<td>1000W</td>
<td></td>
</tr>
<tr>
<td>Vacuum Cleaner</td>
<td>700W</td>
<td></td>
</tr>
</tbody>
</table>

* Based on 150 Watts per square metre.

Heat up times

The floor construction and finish will govern heat up times. Sufficient insulation such as Econoboard, will greatly reduce heat up times and you will notice the difference in your energy bills. A well insulated Thermonet system can be up to 50% more efficient than an un-insulated system, especially when managed by a programmable thermostat. Average heat up times can be seen in the table below:

<table>
<thead>
<tr>
<th>Surface</th>
<th>Heat up time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Un-insulated Concrete</td>
<td>2 - 4 hrs</td>
</tr>
<tr>
<td>Concrete with 10mm Econoboard</td>
<td>1 hr</td>
</tr>
<tr>
<td>Concrete with 10mm Econoboard &amp; 25mm Screed</td>
<td>2 hrs</td>
</tr>
<tr>
<td>Un-insulated Timber Substrate</td>
<td>1 hr</td>
</tr>
<tr>
<td>Timber Substrate with 10mm Econoboard</td>
<td>30 mins</td>
</tr>
</tbody>
</table>

(Allow an additional 1 hr per 25mm of screed for heat to penetrate)

PLEASE NOTE: This information is gathered from multiple online sources and provided as an illustration example only. This information does not imply any warranty or guarantee of energy consumption and/or electricity costs. E&OE.
Many people assume that an electric underfloor heating system is going to be expensive to run. In actual fact, when you consider the fast response times, level of precise control and a tailored, zoned heating schedule, it is a very efficient and cost effective way to heat your home.

The following reasonable assumptions have been made to calculate these estimations:

- System is installed in a house built and insulated to current regulations
- 150W/m² system under a 10mm ceramic tile on 10mm insulation board
- Heat up time is included in the times displayed
- Energy price of 30c/kWh (average price at time of printing)
- A 7 day, 6 event programmable thermostat has been installed
- Floor temperatures set to an efficient 24°C

### Running cost estimations

<table>
<thead>
<tr>
<th>Area</th>
<th>1m²</th>
<th>2m²</th>
<th>4m²</th>
<th>5m²</th>
<th>10m²</th>
<th>15m²</th>
<th>25m²</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 hr</td>
<td>$0.04</td>
<td>$0.09</td>
<td>$0.18</td>
<td>$0.23</td>
<td>$0.45</td>
<td>$0.68</td>
<td>$1.13</td>
</tr>
<tr>
<td>2 hrs</td>
<td>$0.09</td>
<td>$0.18</td>
<td>$0.36</td>
<td>$0.45</td>
<td>$0.90</td>
<td>$1.35</td>
<td>$2.25</td>
</tr>
<tr>
<td>3 hrs</td>
<td>$0.13</td>
<td>$0.27</td>
<td>$0.54</td>
<td>$0.68</td>
<td>$1.35</td>
<td>$2.02</td>
<td>$3.38</td>
</tr>
<tr>
<td>4 hrs</td>
<td>$0.18</td>
<td>$0.36</td>
<td>$0.72</td>
<td>$0.90</td>
<td>$1.80</td>
<td>$2.70</td>
<td>$4.50</td>
</tr>
<tr>
<td>5 hrs</td>
<td>$0.23</td>
<td>$0.45</td>
<td>$0.90</td>
<td>$1.13</td>
<td>$2.25</td>
<td>$3.38</td>
<td>$5.63</td>
</tr>
<tr>
<td>6 hrs</td>
<td>$0.27</td>
<td>$0.54</td>
<td>$1.08</td>
<td>$1.35</td>
<td>$2.70</td>
<td>$4.05</td>
<td>$6.75</td>
</tr>
<tr>
<td>7 hrs</td>
<td>$0.32</td>
<td>$0.63</td>
<td>$1.26</td>
<td>$1.57</td>
<td>$3.15</td>
<td>$4.72</td>
<td>$7.88</td>
</tr>
<tr>
<td>8 hrs</td>
<td>$0.36</td>
<td>$0.72</td>
<td>$1.44</td>
<td>$1.80</td>
<td>$3.60</td>
<td>$5.40</td>
<td>$9.00</td>
</tr>
</tbody>
</table>


PLEASE NOTE: This information is ©Thermogroup and should not be distributed or replicated without written consent. Actual running costs will vary depending on electricity tariff, specific installation parameters, level of insulation and heat loss factors of the specific building. This approximation does not imply any warranty or guarantee of energy consumption and/or electricity costs. E&OE.
Which underfloor heating system is best for your project?

Under Tile Heating
Tiles are a very popular and common floor finish; however one major disadvantage is they are cold to walk on, especially in winter. This can be overcome with an under tile heating system which allows you to experience the feeling of a warm tiled floor.

Thermonet 150W/m²
Thermonet 150W is an underfloor heating mat system that is specially designed to be installed directly beneath your tiles.
See more details on pages 18-25

Vario
Vario is an under tile loose wire heating system ideal for installing in small, awkward areas and is designed to be installed directly beneath the tiles.
See more details on pages 26-29

Vario Pro
Vario PRO is the ultimate professional tiling solution that combines electric underfloor heating with an uncoupling, crack isolation and waterproofing membrane.
See more details on pages 44-47

Under Timber Heating
Laminate and engineered timber floors are becoming more and more popular due to their eco-credentials, and the natural look and feel of a wooden floor. Thermofoil brings the ease and simplicity of electric underfloor heating to timber floors.

Thermofoil
Thermofoil can be used under either a floating or in a fully bonded timber floor application.
See more details on pages 38-41

Save up to 50% on running costs when you install Econoboard insulation boards. See page 64-69 for more details
Under Carpet Heating
Thermofoil is designed for simple installation under laminate, timber or carpet flooring. For under carpet installations, Thermofoil should be installed between the underlay and the carpet.

Thermofoil
Thermofoil is specially designed to operate in a void i.e. between the carpet and the underlay making installation extremely quick and easy.

See more details on page 38-41

In Screed and Under Stone Heating
In Screed heating systems are very versatile in their application as they are suitable for use with any floor covering. Putting a screed over your heating system before tiling also ensures that there is minimal risk of damage and a flat surface to tile onto.

Thermoscreed 18W/Lm
Thermoscreed is a heavy duty 5.5mm thick cable, designed to be installed in the screed layer.

See more details on pages 34-37

Thermonet 200W/m²
Thermonet 200W mat system is designed to be installed in the screed layer and allows for quick and easy installation.

See more details on pages 30-33

In Slab Heating
In slab heating is common in new builds and is a very efficient form of underfloor heating. Unlike under tile heating, in slab heating is designed to heat the entire slab, which then creates an energy efficient thermal mass under your floor.

Thermoslab 30W/Lm
Thermoslab is a versatile, robust 7mm thick heating cable that is designed to be attached to the concrete mesh prior to the concrete being poured.

See more details on pages 42-43

Ask about our free planning service and our Australia wide installation network
Work out your perfect Underfloor Heating System and components in four easy steps

1. Select your substrate
   - Concrete Substrate

2. Consider adding insulation to increase system efficiency
   - Uncoated Insulation Board
     - Pg.68-69

3. Select your floor finish
   - Carpet
   - Floating Timber
   - Vinyl

4. Select your system and required components
   - Thermofoil Mat
     - Pg.38-41
   - Thermostat
     - Pg.54-59
   - Vapour Barrier
     - Pg.71
   - Econosoft Underlay
     - Pg.71
   - Econosoft Acoustic Barrier
     - Pg.71
   - 150W/m² Mat
     - Pg.18-25
   - Self-Levelling Compound
     - Non - Thermogroup Product

Use our online heating system selector which is designed to help determine the best underfloor heating system and additional accessories based on your application.

View online at: www.thermogroup.com.au/heating-system-selector/
Timber Substrate

Coated Insulation Board
Pg.66-67

Fixing Screws & Washers
Pg.66-67

Stone & Marble
Thermonet 200W/m² Mat
Pg.30-33
Thermostat
Pg.54-59

Thermoscreed
Loose Wire
Pg.34-37

In screed
Thermonet 200W/m² Mat
Pg.30-33
Thermostat
Pg.54-59

Thermoscreed
Loose Wire
Pg.34-37

Tile
Thermonet 150W/m² Mat
Pg. 18-25
Thermostat
Pg.54-59

Vario Loose Wire
Pg. 26-29

Thermostat
Pg.54-59

Cloth weave tape
Pg.36

Optional Galvanised Fixing
Pg.36

Optional Mesh
Pg.36

Optional Galvanised Fixing
Pg.36

Optional Cable Mesh
Pg.36
Thermonet is a versatile electric underfloor heating mat system designed for easy installation under a range of floor finishes

Thermonet is commonly installed under tiled floors. Many people don’t realise that you can also bring the warm feeling to an engineered timber, vinyl and even a carpet floor by including a layer of flexible self levelling compound in your floor build up.

**Lifetime Warranty**
We are so confident of the quality of our German-made Thermonet Underfloor Heating that we give each system a warranty that lasts a Lifetime with 3 year warranty on our Thermostats.

**TwistedTwin cable construction**
The unique stress free cable construction creates a longer lasting heating cable with zero electromagnetic field (Zero EMF).

**Fully self adhesive mesh**
The self adhesive mesh speeds up installation by holding Thermonet matting to the substrate for easy self levelling and tile fixing.

**Heating cable protection**
Thermonet is installed wire-side-down which means the heating cable is protected from damage during installation by the hard wearing mesh layer.

**Minimal height build-up**
Utilising innovative extrusion processes provides real ‘lay flat’ technology that makes installing Thermonet easy. The matting system is only 3.5mm thick with a low profile cold tail of only 4mm thick which is typically concealed within the tile adhesive layer.

When installing under soft floor finishes such as vinyl, carpet and engineered timber, please be sure to consult the floor finish manufacturer for guidance on compatibility and maximum temperature.
### Stock Code | Size (m) | Area (m²) | Output (W) | Resistance (Ω) | RRP $ Excl. | RRP $ Incl.
---|---|---|---|---|---|---
111502 | 2 x 0.5 | 1.0 | 150 | 353 | 95.45 | 105.00
111503 | 3 x 0.5 | 1.5 | 225 | 235 | 143.18 | 157.50
111504 | 4 x 0.5 | 2.0 | 300 | 176 | 190.91 | 210.00
111505 | 5 x 0.5 | 2.5 | 375 | 141 | 238.64 | 262.50
111506 | 6 x 0.5 | 3.0 | 450 | 118 | 286.36 | 315.00
111507 | 7 x 0.5 | 3.5 | 525 | 101 | 334.09 | 367.50
111508 | 8 x 0.5 | 4.0 | 600 | 88 | 381.82 | 420.00
111509 | 9 x 0.5 | 4.5 | 675 | 78 | 429.55 | 472.50
111510 | 10 x 0.5 | 5.0 | 750 | 71 | 477.27 | 525.00
111512 | 12 x 0.5 | 6.0 | 900 | 59 | 490.91 | 540.00
111514 | 14 x 0.5 | 7.0 | 1050 | 50 | 572.73 | 630.00
111516 | 16 x 0.5 | 8.0 | 1200 | 44 | 654.55 | 720.00
111518 | 18 x 0.5 | 9.0 | 1350 | 39 | 736.36 | 810.00
111520 | 20 x 0.5 | 10.0 | 1500 | 35 | 818.18 | 900.00
111524 | 24 x 0.5 | 12.0 | 1800 | 29 | 981.82 | 1,080.00
111532 | 32 x 0.5 | 16.0 | 2400 | 22 | 1,309.09 | 1,440.00

### Prices per m²
- 1-5m² - $105 per m²
- 6-16m² - $90 per m²

Price includes Thermonet 150W/m² Mat only. Thermostats to be purchased separately for each zone. Price RRP inclusive.
Full Kit Ready for Installation!

Kit Includes:
Thermonet 150W/m² Mat, Programmable Thermostat (5220A), Floor Temperature Sensor, Sensor Conduit, Cable Monitor, Installation Guide with Warranty Form.

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Size (m)</th>
<th>Area (m²)</th>
<th>Output (W)</th>
<th>Resistance (Ω)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
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<tr>
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<td>353</td>
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<td>456.50</td>
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<td>141</td>
<td>510.45</td>
<td>561.50</td>
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<td>558.18</td>
<td>614.00</td>
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<td>605.91</td>
<td>666.50</td>
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<td>111508T</td>
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<td>4.0</td>
<td>600</td>
<td>88</td>
<td>653.64</td>
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<td>71</td>
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<td>111512T</td>
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<td>1050</td>
<td>50</td>
<td>844.55</td>
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<td>111516T</td>
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<tr>
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<td>111520T</td>
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<td>111524T</td>
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<td>25</td>
<td>1,417.27</td>
<td>1,559.00</td>
</tr>
</tbody>
</table>

To purchase a kit with a black thermostat add a ‘B’ after the above codes. The price is the same.

200 W/m² Need faster heat-up times, have limited floor space, or experience high heat loss? See pages 30-33 for Thermonet 200Watt In Screed Mats!
Dual Controller Kits
Thermonet TD Kits include the Thermotouch 4.3dC dual controller allowing you to control your floor heating and another Thermogroup appliance such as a heated towel rail and/or mirror demister all from a single controller.

**Kit Includes:**
Thermonet 150W/m² Mat, Dual Control Thermostat (5245), Floor Temperature Sensor, Sensor Conduit, Cable Monitor, Installation Guide with Warranty Form.

| Stock Code | Size (m|) | Area (m²) | Output (W) | Resistance (Ω) | RRP $ Excl. | RRP $ Incl. |
|------------|------|----------|-----------|---------------|-------------|-------------|
| 111502TD   | 2 x 0.5 | 1.0     | 150      | 353          | 458.18  | 504.00     |
| 111503TD   | 3 x 0.5 | 1.5     | 225      | 235          | 505.91  | 556.50     |
| 111504TD   | 4 x 0.5 | 2.0     | 300      | 176          | 553.64  | 609.00     |
| 111505TD   | 5 x 0.5 | 2.5     | 375      | 141          | 601.36  | 661.50     |
| 111506TD   | 6 x 0.5 | 3.0     | 450      | 118          | 649.09  | 714.00     |
| 111507TD   | 7 x 0.5 | 3.5     | 525      | 101          | 696.82  | 766.50     |
| 111508TD   | 8 x 0.5 | 4.0     | 600      | 88           | 744.55  | 819.00     |
| 111512TD   | 12 x 0.5 | 6.0   | 900      | 59          | 853.64  | 939.00     |
| 111510TD   | 10 x 0.5 | 5.0   | 750      | 71          | 840.00  | 924.00     |
| 111511TD   | 18 x 0.5 | 9.0   | 1350     | 39          | 1,099.09 | 1,299.00   |
| 111514TD   | 14 x 0.5 | 7.0   | 1050     | 50          | 935.45  | 1,029.00   |
| 111516TD   | 16 x 0.5 | 8.0   | 1200     | 44          | 1,017.27 | 1,119.00   |
| 111518TD   | 18 x 0.5 | 9.0   | 1350     | 39          | 1,099.09 | 1,299.00   |
| 111520TD   | 20 x 0.5 | 10.0  | 1500     | 35          | 1,180.91 | 1,299.00   |
| 111524TD   | 24 x 0.5 | 12.0  | 1800     | 29          | 1,344.55 | 1,479.00   |
| 111528TD   | 28 x 0.5 | 14.0  | 2100     | 25          | 1,508.18 | 1,659.00   |
| 111532TD   | 32 x 0.5 | 16.0  | 2400     | 22          | 1,671.82 | 1,839.00   |

To purchase a kit with a black thermostat add a ‘B’ after the above codes. The price is the same.
Thermonet is most commonly installed under tiled floors. The heating cable is protected by the mesh and can be tiled over directly, or covered with a layer of self levelling compound.

Thermonet electric underfloor heating can be used in almost any floor build-up or with any floor finish from tiles and vinyl to carpet and timber floors.

*Minimum recommended thickness of 10mm
**Combined TOG rating needs to be under 2.5
Underfloor Heating Installation

The diagram below displays a typical bathroom layout with Thermonet Underfloor Heating. The mat system ensures a fast and simple installation with the heating mat covering the entire available floor space. Some of the key features of the Underfloor Heating systems have been highlighted below.

When Thermonet mats are needed to fit around irregular shapes like a toilet or vanity, simply remove the cable from the mesh and arrange in loops to cover the area.

Ensure the floor sensor is installed in the conduit and placed equally between two runs of heating cable to provide an accurate floor temperature reading.

To reduce your heat up time and improve the efficiency of the heating, always add a layer of insulation below your underfloor heating. See pages 64-69

If you have a wall hung vanity always allow enough floor heating to run in front of the vanity to ensure this floor area is warm.

Thermonet is safe to be installed under a tiled shower. This reduces mould build up and grout decolouring and helps to dry the floor, eliminating slip hazards.
Cut-and-return installation explained

Every room is different, and you will usually need to modify your Thermonet mat in some way to fully cover your desired heating area. The diagrams on this page will help you to manipulate your Thermonet mat safely and avoid causing any damage during installation.

Cutting the mesh

Use scissors to carefully cut the blue mesh

Turn 180°

Turn the mat 180° laying parallel to the first run

Turn 90°

Turn the mat 90° for a more simple turn

Alternative 90°

Release cable from the mat for an alternative 90° turn

Staggered 180°

Remove the cable from the mesh and tape in place for awkward areas such as angled walls

Avoid an obstacle

Remove the mesh to avoid permanent fixtures

Curved fan turn

Cut mesh into sections to make a curved fan turn

NEVER CUT THE HEATING CABLE! When performing any of these mat modifications it is vital that you do not cut or damage the heating cable. Damaging or shortening the cable will void your warranty.
**Variable output underfloor heating**

Using Vario cable allows you to space the heating cables yourself to achieve a desired layout and heat output per m².

**Advanced TwistedTwin heating cable**

Our superior advanced TwistedTwin heating cables are unique; you will find thinner cables, but you won't find better quality.

**Strong bond to the substrate**

The adhesive used in the Vario fixing strip is a high-grab, pressure activated adhesive that bonds permanently to the substrate and the heating cable.

**Ideal for irregular shaped areas**

The layout is totally flexible and can be designed to fit around furniture and fixtures in small or irregular shaped rooms.

**Pre measured cable spacing**

The Vario fixing strip has pre measured 10mm cable spacing markers that remove the need to measure and mark your substrate, saving you time.

---

**Lifetime Warranty**

We are so confident of the quality of Vario Underfloor Heating cable that we give each system a warranty that lasts a Lifetime with 3 year warranty on our Thermostats.
Hassle free cable installation with the unique patented fixing strip

Thermogroup’s patented Vario fixing strip is pre-measured to speed up installation. The aggressive, pressure-activated adhesive grips your substrate and heating cable, fixing them in place for easy tiling.

The Vario system is designed to go directly below the tiles. For loose wire cable for screed applications see pages 36-37.

How to calculate Vario cable spacing

\[
\text{AVAILABLE FLOOR SPACE (m}^2\text{) } \times \text{100} \div \text{CABLE KIT LENGTH (m)} = \text{CABLE SPACING (cm)}
\]
Vario heating cable kits

**Kit includes:** Vario Heating Cable, Programmable Thermostat (5220A), Floor Temperature Sensor, Sensor Conduit, Cable Monitor, Cloth Tape, Patented Premeasured Fixing Strip, Installation Guide with Warranty Form.

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<tr>
<th>Stock Code</th>
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<th>Length (m)</th>
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<th>Resistance (Ω)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
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For a kit without a thermostat, deduct $299.00 incl. GST from the RRP cost.

* Based on 150 watts per square metre.

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**Easy Installation in small areas**

![Easy Installation Diagram](image)

Typical Vario™ heating cable configuration in a small bathroom using the fixing strip.

- Tiled floor finish
- Flexible tile adhesive
- Vario cable kit
- Econoboard coated insulation
- Timber substrate
- Tiled floor finish
- Flexible tile adhesive
- Vario cable kit
- Econoboard uncoated insulation
- Flexible tile adhesive
- Prepared concrete substrate
Thermonet 200 Watt mats are the ideal option for in screed applications providing easy installation and efficient storage heating in screed layers of 20-100mm.

In Screed heating will take longer to heat up, however the screed layer acts as a heat bank and holds the heat for longer, ensuring you don’t have added running costs. In Screed heating allows the tiler flexibility in creating falls in wet areas and can be installed under most floor coverings. It is recommended to insulate underfloor heating to gain maximum performance from your system.

**Lifetime Warranty**
We are so confident of the quality of Thermonet Underfloor Heating cable that we give each system a warranty that lasts a Lifetime with 3 year warranty on our Thermostats.

**In Screed heating**
Suitable for installation in screeds of 20mm to 100mm, and is recommended to be fixed to insulation boards.

**TwistedTwin cable on fully self adhesive mesh**
The unique stress free cable construction creates a longer lasting heating cable with zero electromagnetic field (Zero EMF). The self adhesive mesh speeds up installation by holding Thermonet matting to the substrate for easy self levelling and tile fixing.

**Ideal for areas with limited floor space**
Thermonet 200 Watt mats are ideal for rooms with limited floor space for the heating mat. The 200 watt system ensures a high heat output across the floor warming the entire room.

**Perfect for high heat loss applications**
The higher heat output of the 200 Watt mats makes them perfect for rooms which are prone to high heat loss. This can be further reduced by adding a layer of insulation below the heating.
**Thermonet 200W/m² - Heating Mat Only**

Ideal option for In Screed applications and high heat loss areas.

<table>
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<tr>
<th>Stock Code</th>
<th>Size (m)</th>
<th>Area (m²)</th>
<th>Output (W)</th>
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**Prices per m²**

1-5m² - $120 per m²  
6-12m² - $105 per m²

Price includes Thermonet 200W/m² Mat only. Thermostats to be purchased separately for each zone. Price RRP inclusive.
In Screed Matting Kits!

**Kit Includes:**
Thermonet 200W/m² Mat, Programmable Thermostat (5220A), Floor Temperature Sensor, Sensor Conduit, Cable Monitor, Installation Guide with Warranty Form.

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Size (m)</th>
<th>Area (m²)</th>
<th>Output (W)</th>
<th>Resistance (Ω)</th>
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</tbody>
</table>

To purchase a kit with a black thermostat add a ‘B’ after the above codes. The price is the same.

Heat (as opposed to hot air) travels equally in every direction meaning as much heat that travels up through your tiled floor also goes downwards. By placing an insulation layer under your floor heating the heat is driven back up through your floor and into your room giving you more warmth, quicker response time and reduced running costs. See the insulation section on pages 64-69 for more information.
**In Screed Dual Controller Kits!**

**Kit Includes:**
Thermonet 200W/m² Mat, Dual Control Thermostat (5245), Floor Temperature Sensor, Sensor Conduit, Cable Monitor, Installation Guide & Warranty Form.

<table>
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<td>1,659.00</td>
</tr>
</tbody>
</table>

To purchase a kit with a black thermostat add a ‘B’ after the above codes. The price is the same.
Thermoscreed is ideal for new build projects where height build up is not limited. Designed for use in 20 - 100mm screed layers

In Screed heating systems allow the floor layer to prepare a perfectly flat floor to lay the floor covering over. Thermoscreed is suitable for almost any flooring finish including wood, carpet and vinyl.

Lifetime Warranty
We are so confident in the quality of Thermoscreed Underfloor Heating that we give each system a warranty that lasts a Lifetime with 3 year warranty on our Thermostats.

Robust, hard wearing cable
The advanced protective PVC coating on Thermoscreed cables protects the heating element during installation and provides a long product life span.

In Screed heating
Suitable for installation in screeds of 20mm to 100mm, and is recommended to be fixed to insulation boards.

Efficient storage heating effect
In Screed systems have a slower heat up and cool down time and are suited to rooms that are in constant use.

Primary or secondary heating
Thermoscreed is suitable for both primary and supplementary heating applications provided the property is adequately insulated.

Flexible cable spacing
The heating output per m² can be adjusted by varying the cable spacing to achieve your architects designed heating output for the room. We recommend an output of 180-220 watts per m² under screed.
In Screed heating system suitable for any floor finish

A heated concrete screed can be covered with almost any floor finish, subject to manufacturer’s guidelines on maximum floor temperatures.

Installation Accessories

Thermoscreed In Screed heating cables can be fixed in position with one of three fixing methods. The Fixing Tape is the standard fixing method used on any substrate. Optional methods include the Galvanised Fixing Profile for fixing onto concrete or timber substrates or In Screed Cable Mesh for use on a waterproofed substrate.

- 5418 Fixing Tape
- 3259 Galvanised Fixing Profile
- 3261 In Screed Cable Mesh

**Fitting Tape**
A 50m roll of Fixing Tape is included in Thermoscreed Kits as a standard fixing method for use on any substrate.

**Galvanised Fixing Profile**
Galvanised steel fixing profile can be mechanically fixed to timber or concrete substrates. Allow 1m of fixing strip per 6m of heating cable.

**In Screed Cable Mesh**
A 6m² roll of loose lay mesh which is designed for loose laying over a waterproofed substrate.
**In Screed Cable Kits**

Thermoscreed is a versatile heating cable designed for installation in the screed layer of new builds or renovation projects. It creates an energy efficient heating system by warming the screed to create a slow release thermal mass. Suitable for use with sand and cement, anhydrite and flow screeds.

**Kit Includes:** Thermoscreed Cable, Fixing Tape, Programmable Thermostat (5220A), Floor Temperature Sensor, Sensor Conduit, Cable Monitor, Installation Guide with Warranty Form.

**Stock Code**  
**Area (m²)** | **Length (m)** | **Output (W)** | **Resistance (Ω)** | **RRP $ Excl.** | **RRP $ Incl.**
---|---|---|---|---|---
3050T | 1.0 - 1.2 | 11.0 | 200 | 264.5 | 426.36 | 469.00
3051T | 1.3 - 1.7 | 16.5 | 300 | 176.3 | 444.55 | 489.00
3052T | 1.8 - 2.2 | 22.0 | 400 | 132.2 | 452.73 | 498.00
3053T | 2.3 - 2.7 | 27.5 | 500 | 105.8 | 476.36 | 524.00
3054T | 2.8 - 3.2 | 33.0 | 600 | 88.2 | 507.27 | 558.00
3055T | 3.3 - 3.8 | 39.0 | 700 | 75.6 | 561.82 | 618.00
3056T | 3.9 - 4.6 | 45.0 | 850 | 62.2 | 580.00 | 638.00
3057T | 4.7 - 5.6 | 55.0 | 1000 | 52.9 | 626.36 | 689.00
3058T | 5.7 - 6.8 | 69.0 | 1250 | 42.3 | 716.36 | 788.00
3059T | 6.9 - 7.6 | 76.0 | 1375 | 38.5 | 789.09 | 868.00
3060T | 7.7 - 9.4 | 94.0 | 1700 | 31.1 | 861.82 | 948.00
3061T | 9.6 - 11.7 | 116.0 | 2100 | 25.2 | 907.27 | 998.00
3062T | 11.8 - 14.4 | 144.0 | 2600 | 20.4 | 1,116.36 | 1,228.00
3063T | 14.5 - 18.3 | 183.0 | 3300 | 16.0 | 1,452.73 | 1,598.00

For cable only pricing, deduct $299.00 incl. GST from RRP cost and remove the 'T' from the stock codes above.

**Installation accessories**

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Description</th>
<th>Size</th>
<th>Unit</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3261</td>
<td>In Screed Cable Mesh</td>
<td>6m²</td>
<td>Roll</td>
<td>38.18</td>
<td>42.00</td>
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<tr>
<td>3259</td>
<td>Galvanised Fixing Profile</td>
<td>25m</td>
<td>Roll</td>
<td>108.18</td>
<td>119.00</td>
</tr>
<tr>
<td>5418</td>
<td>Fixing Tape</td>
<td>50mm x 50m</td>
<td>Ea</td>
<td>27.27</td>
<td>30.00</td>
</tr>
</tbody>
</table>

Call us on 1300 368 631 or visit www.thermogroup.com.au
Thermofoil is an electric underfloor heating foil designed for floating laminate, carpet and engineered timber floor finishes

Bring the luxury feeling of underfloor heating and the simplicity of an electric system to engineered timber, laminate and carpet floors.

**Lifetime Warranty**
We are so confident in the quality of Thermofoil, that we give each system a warranty that lasts a Lifetime, with 3 year warranty on our Thermostats.

**Efficient heat exchange foil**
The double layer of foil in Thermofoil is specifically designed to protect the heating element and achieve an even spread of heat to the floor above.

**Easy cut and return installation**
The accessible cable loops are an example of Thermogroup’s product innovation. They make cut and return installation quick and easy while protecting the heating element.

**Continuous earth protection braid**
Electrical safety is paramount and Thermofoil’s continuous earth braid protection runs the entire length of the heating cable.

**Minimal height build-up**
The foil system is only 2.5mm thick with a low profile cold tail of only 4mm thick, which can be concealed within the insulation.

When installing under soft floor finishes such as carpet or engineered timber, please be sure to consult the floor finish manufacturer for guidance on compatibility and maximum temperature.
Thermofoil floor build ups
Thermofoil is a versatile system that can be used in many different floor configurations.

Low TOG carpet finish on a concrete substrate

Floating timber floor solution

Fully bonded engineered timber solution

Thermofoil overlay and underlay accessories
Essential overlay and underlay systems for a long lasting floating heated floor construction.

5400 Econosoft Cushioning Underlay
An essential cushioning underlay that should be included under Thermofoil in every installation.

5422 Econosoft Overlay
An essential cushioning overlay that also acts as a vapour and acoustic barrier and should be included above Thermofoil in every installation.

5415 Vapour Barrier
Vapour Barrier is an alternative to Econosoft Overlay where the acoustic properties are not required (such as under carpet) and acts to inhibit the transfer of any moisture that may be present in the substrate from being absorbed into the floor finish. Either Econosoft or Vapour Barrier must be installed above Thermofoil in every installation.
Electric underlaminate foil heating system

Thermofoil is the most advanced electric under laminate heating foil available today. Innovations such as our exposed cable loops and continuous earth protection ensure an easy installation and total safety.

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Size (m)</th>
<th>Area (m²)</th>
<th>Output (W)</th>
<th>Resistance (Ω)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>121402</td>
<td>2 x 0.5</td>
<td>1.0</td>
<td>140</td>
<td>337.9</td>
<td>222.73</td>
<td>245.00</td>
</tr>
<tr>
<td>121403</td>
<td>3 x 0.5</td>
<td>1.5</td>
<td>210</td>
<td>251.9</td>
<td>271.82</td>
<td>299.00</td>
</tr>
<tr>
<td>121404</td>
<td>4 x 0.5</td>
<td>2.0</td>
<td>280</td>
<td>188.9</td>
<td>317.27</td>
<td>349.00</td>
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<td>121405</td>
<td>5 x 0.5</td>
<td>2.5</td>
<td>350</td>
<td>151.1</td>
<td>353.64</td>
<td>389.00</td>
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<tr>
<td>121406</td>
<td>6 x 0.5</td>
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<td>420</td>
<td>126.0</td>
<td>408.18</td>
<td>449.00</td>
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<tr>
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<td>560</td>
<td>94.5</td>
<td>526.36</td>
<td>579.00</td>
</tr>
<tr>
<td>121410</td>
<td>10 x 0.5</td>
<td>5.0</td>
<td>700</td>
<td>75.6</td>
<td>608.18</td>
<td>669.00</td>
</tr>
<tr>
<td>121412</td>
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<td>6.0</td>
<td>840</td>
<td>63.0</td>
<td>680.91</td>
<td>749.00</td>
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<tr>
<td>121414</td>
<td>14 x 0.5</td>
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<td>980</td>
<td>53.9</td>
<td>759.09</td>
<td>835.00</td>
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</table>

Remember to order your chosen Thermofoil system, a Thermostat (see pages 54-59) and the suitable underlay and overlay for the floor build-up.

Installation accessories

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Description</th>
<th>Size</th>
<th>Unit</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>5400</td>
<td>Econosoft Cushioning Underlay</td>
<td>1200 x 500 x 5mm</td>
<td>(6m²) pk 10</td>
<td>120.00</td>
<td>132.00</td>
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<tr>
<td>5422</td>
<td>Econosoft Acoustic Overlay</td>
<td>15m x 1m</td>
<td>Ea</td>
<td>344.55</td>
<td>379.00</td>
</tr>
<tr>
<td>5415</td>
<td>Vapour Barrier</td>
<td>20m²</td>
<td>Ea</td>
<td>85.45</td>
<td>94.00</td>
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<tr>
<td>5418</td>
<td>Fixing Tape</td>
<td>50mm x 50m</td>
<td>Ea</td>
<td>27.27</td>
<td>30.00</td>
</tr>
</tbody>
</table>
Versatile In Slab heating cable

Thermoslab is a brilliantly versatile, robust 7mm thick underfloor heating cable designed for use In Slab. Install the cable in the concrete slab of new builds to create an energy efficient thermal mass under your floor. To work out which heating cable is required, multiply the Square Metres of your area by 160 to give the required output (Watts).

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Length (m)</th>
<th>Output (W)</th>
<th>Resistance (Ω)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
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<td>1100</td>
<td>48.09</td>
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<td>429.00</td>
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<td>3148</td>
<td>67</td>
<td>2000</td>
<td>26.45</td>
<td>580.91</td>
<td>639.00</td>
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<tr>
<td>3152</td>
<td>84</td>
<td>2500</td>
<td>21.16</td>
<td>680.91</td>
<td>749.00</td>
</tr>
<tr>
<td>3156</td>
<td>112</td>
<td>3350</td>
<td>15.79</td>
<td>877.27</td>
<td>965.00</td>
</tr>
<tr>
<td>3158</td>
<td>134</td>
<td>4000</td>
<td>14.21</td>
<td>954.55</td>
<td>1,050.00</td>
</tr>
<tr>
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<td>150</td>
<td>4500</td>
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</tr>
<tr>
<td>3164</td>
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<td>6000</td>
<td>8.82</td>
<td>1,635.45</td>
<td>1,799.00</td>
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Accessories

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Description</th>
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<th>Unit</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
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<td>Pk 100</td>
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<td>7.90</td>
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<tr>
<td>5215</td>
<td>Manual Thermostat</td>
<td>H85 x W85 x D46mm</td>
<td>Ea</td>
<td>190.00</td>
<td>209.00</td>
</tr>
</tbody>
</table>

Allow 3 cables ties for every 1m of cable.

Thermotouch Manual Glass thermostats (5215/16) are recommended for Thermoslab as this is typically connected to off peak power tariffs meaning you cannot have a programmable thermostat as this would lose its program during the ‘off’ periods each day. The Manual thermostat must be set to “on as before” and in this way you set your comfort temperature and whenever the off peak power is on, your floor will heat to the set temperature. Other Thermostat options are available on pages 54-59 (demand power applications)
Vario PRO is the fast and easy way to create a warm, comfortable floor that's protected from tile delamination and cracks

Vario PRO is the professional combined underfloor heating and uncoupling solution for tiled floors. The fast track installation is quick and easy and creates a floor built to last.

**Underfloor heating**

Vario ProMat is designed to make it easy to install electric underfloor heating and an uncoupling membrane with one fast track solution.

**Uncoupling layer**

Vario ProMat neutralises the stress caused by different rates of expansion and contraction in a tiled floor. This minimises the risk of tile delamination and cracking.

**Superior vapour management**

The studs in the Vario ProMat allow water vapour to escape effectively. This means you can save more time by tiling over a substrate that is not fully cured.

**Easy waterproofing**

Vario ProMat is totally waterproof, and by using Vario PRO sealing tape on edges and penetrations you can create a wetroom quickly and easily.

**Efficient load distribution**

Heavy loads are no problem for floors that include a layer of Vario PRO. The stud structure transfers the load to the sub floor eliminating the risk of cracks.
Combined underfloor heating and uncoupling system

Vario PRO is a proven combined electric underfloor heating and uncoupling system. Rated for extra heavy use with the Robinson test, Vario PRO is one of the most robust heated uncoupling systems available. A valuable time saver when compared to traditional underfloor heating and uncoupling systems.

Why do I need an uncoupling layer?

**The problem:**

All floors, especially new ones, expand and contract with changes in the temperature of the building.

Typically, a floor tile will expand and contract at a different rate to the tile adhesive and sub floor below, resulting in cracked tiles and delamination (tiles coming away from the floor).

**The solution:**

Introducing a layer of Vario PRO uncoupling membrane helps to prevent cracks and delamination by neutralising the stress between the tiled surface and the sub floor.

Vario PRO cannot prevent damage from sheer movement.
Underfloor Heating

Vario PRO heating cable

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Length (m)</th>
<th>Area (m²)</th>
<th>Output (W)</th>
<th>Resistance (Ω)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
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</thead>
<tbody>
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<td>0.8</td>
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<td>352.7</td>
<td>122.73</td>
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<tr>
<td>109018</td>
<td>18</td>
<td>1.2</td>
<td>225</td>
<td>235.1</td>
<td></td>
<td></td>
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<tr>
<td>109025</td>
<td>25</td>
<td>1.6</td>
<td>300</td>
<td>176.3</td>
<td>271.82</td>
<td>299.00</td>
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<td>141.1</td>
<td>299.09</td>
<td>329.00</td>
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<td>117.6</td>
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<td>88.2</td>
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</tbody>
</table>

Remember to order your chosen heating cable, a thermostat and enough Vario ProMat for your floor!

Installation accessories

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Description</th>
<th>Size</th>
<th>Unit</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
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<td></td>
<td>522.73</td>
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<tr>
<td>109505</td>
<td>Vario PROMat Uncoupling</td>
<td>5 x 1m Roll</td>
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<td>208.18</td>
<td>229.00</td>
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<td>109510</td>
<td>Vario PRO Sealing Tape</td>
<td>10m Roll</td>
<td></td>
<td>59.09</td>
<td>65.00</td>
</tr>
</tbody>
</table>

1. Tiled floor finish
2. Flexible tile adhesive
3. Vario PRO system
4. Flexible tile adhesive
5. Econoboard coated insulation
6. Timber substrate
7. Econoboard uncoated insulation
8. Flexible tile adhesive
9. Concrete substrate

Call us on 1300 368 631 or visit www.thermogroup.com.au
Underfloor Heating FAQs

We have put together a range of answers to the most frequently asked questions about Underfloor Heating systems. If you have a question that isn’t answered here please give us a call.

What happens if it goes wrong or breaks under my floor?
There are no moving parts to an electric underfloor heating system and cable failures are extremely rare, if installed correctly. A damaged cable can usually be located and repaired with minimal disruption.

Can I join two or more heating cables or mats to fit a larger area?
No, the heating cables or mats cannot be joined together however two or more elements can be connected in parallel to one Thermostat. When connecting multiple cables or mats you need to ensure that the total load does not exceed the total load of your thermostat.

Can I cut the heating cable if I have excess?
No - never. Cutting the heating cable will alter the resistance and cause the element to overheat. If you cut the cable by accident, please call our technical helpline for assistance. Technical number is: 1300 989 464

How much does it cost to run an electric underfloor heating system?
Every system installation is different due to the insulation value of the property, type of flooring used and the level of insulation below the heating system. For an estimated running cost see page 13.

Do I need a contactor/snubber?
Thermogroup thermostats have a max load of 16amps. If your system exceeds this total load you will require a suitably rated contactor and snubber to ensure a safe and functional circuit.

Can I extend or shorten the cold tail?
Yes! The low profile cold tail can be shortened or extended up to 50m with a suitably rated twin and earth cable. We recommend that connections are accessible.

Can I install Underfloor Heating in the shower?
If your shower floor is tiled, yes you can run the heating cables into the shower area as this helps to dry out the shower and prevent mould growth. It is recommended that you do not start or end in the shower.

What should I do if I have leftover heating cable?
You should always measure the room accurately and choose a system that covers the available heating area. If you do have extra cable you can run it around the edge of the room (Min. spacing 50mm), up the walls or in the shower (behind the tiles if tiling with a cement based flexible tile adhesive). The heating cannot be shortened and all yellow cable must be covered by a cement-based tile adhesive.

Is electric heating safe in bathrooms? What about the water?
It is perfectly safe to install a Thermonet system in a bathroom. Thermonet is protected to IP68 standards which means it can be placed in any zone of a bathroom with no issues. The thermostat, however, should be installed away from water sources.

Do I need to use a special adhesive to fit tiles over underfloor heating?
You will need to use a cement based flexible tile adhesive, however there is a wide variety available so ask your manufacturer or tile retailer for guidance.

How do I control my underfloor heating system?
Every system should be connected to a Thermostat. You can have a simple, manual on/off version, but we recommend the use of a programmable heating thermostat with a heating schedule for total system control and greater efficiency.

Do I need to include thermal insulation as part of my floor?
We recommend the use of Econoboard insulation as it can halve running costs. The underfloor heating systems will still be able to work without the use of insulation however it will increase the heat up times and running costs.
Can underfloor heating be used as the primary heat source?
Yes, if you cover at least 80% of the floor area with the underfloor heating system, this can be used as the primary heat source in the room.

How long will it take for the floor to heat up?
Every situation is different due to the insulation value of the property, type of flooring used and the level of insulation below the heating system. For an estimated heat up time see page 12.

What floor covering can I have on top of underfloor heating?
Underfloor Heating can be installed below almost any floor covering. There are different systems and build-ups for the different floor coverings so it is important to select the most suitable system. Refer to pages 16-17. We recommend you check with the flooring manufacturer to ensure your floor covering is compatible with floor heating.

How long should the floor heating be left on for?
The length of time depends on your lifestyle, the system used and the desired temperature.

Does floor heating cause any problems to the tiles or floor covering?
No - if installed correctly the floor heating does not affect the floor covering.

Who installs underfloor heating?
Our underfloor heating systems are designed to be simple to install and come with a comprehensive installation manual. Often the floor heating is installed by the electrician, tiler, builder or even the home owner. The testing and wiring up of the floor heating needs to be completed by a qualified electrician.

Can you walk on the installed heating cables before the tiles are laid?
Whilst the cable is durable and will handle foot traffic we recommend reducing walking on unfinished floor surfaces to a minimum as a precaution. Avoid putting heavy objects with sharp edges (such as buckets of tile glue) down on the cable. Always ensure the mat monitor is installed and turned on.

Can I turn the heating on to make sure it heats up before the tiles are laid?
No. The heating cable needs to be enclosed in a cement layer to help spread the heat. Turning on the heating before the cement layer is applied will cause the cable to overheat and burn out. The heating cable needs to be tested by a qualified electrician to ensure no damage has occurred during installation.

Can I use my floor heating on ‘Off-Peak’ electricity?
When using In Slab Heating, you can take advantage of the Off-Peak electricity tariff as heating the slab creates a thermal mass beneath your floor that allows for a slow continuous release of heat. Under Tile and In Screed heating systems have a more rapid heat up and cool down time, therefore are not suitable to be used with Off-Peak electricity.

Are there any special wiring requirements?
Your electrician will need to ensure that the amperage of the circuit is suitable for the size of the floor heating system that is being installed. The floor heating must also be installed on a RCD protected circuit.

Does the floor sensor have to be installed in the conduit?
We recommend the use of a conduit for the floor sensor so that in the event of a floor sensor failing or the thermostat being upgraded, the floor sensor can be replaced without damaging the floor covering. If this is not possible we recommend installing a second floor sensor as a spare.

Is the underfloor heating installed above or below the waterproofing?
To ensure a fully waterproof substrate it is recommended to lay the floor heating over the waterproofing. In a screed application, where the waterproofing is on top of the screed, an In Screed heating system can be laid before the waterproofing.

What is the advantage of an In Screed system over Under Tile system?
When floor heating is installed below the screed, it uses the screed as a heat bank, providing efficient heat in the room. It also provides a clear smooth substrate for the tiler to lay the tiles onto.
Did you know?

The scales of a pine cone move in response to changes in humidity. When it is warm and dry, the pine cone scales open up and when it is damp or cold they close.

This is the job of your Underfloor Heating Thermostat, controlling the temperature of your room to keep it as comfortable as possible for you, no matter what the weather is.
Underfloor Heating Controls and Accessories
Efficient heating controls help you save money

Our thermostats provide accurate floor and ambient temperature control combined with a heating schedule that only heats when you need it and helps to cut your running costs.

- Create an on demand heating schedule to provide heat only when you need it
- Accurate ambient and floor sensors for total control over your heating system
- Easy installation into the mains electricity supply
- Conduit provided for floor sensor installation
- Range of models available to suit your home interior
- Dual relay Thermotouch 4.3dC designed to control floor heating and an additional appliance

As part of our environmental focus, we will plant one tree for every Thermostat sold
Have full control over your electric underfloor heating system with the Thermotouch fully programmable glass thermostat

Thermotouch 7.6iG, 7 day programmable thermostat comes with an ice white or piano black glass fascia.

**Fully programmable**
The Thermotouch 7.6iG Programmable Thermostat features a 7 day, 6 event heating schedule with 6 heating events on the weekend.

**Portrait or landscape mounting**
Thermotouch 7.6iG is supplied with a portrait backing plate as standard. However, if required you can purchase the landscape mounting plate.

**Sensor mode**
Thermotouch 7.6iG is supplied with a floor sensor probe and an option for using an ambient sensor to ensure total control over your heating system.

**Manual mode**
Thermotouch 7.6iG also features a simple to use manual function that allows you to manually control the temperature of your underfloor heating.
Thermotouch 7.6iG Glass Programmable Thermostat

The 7.6iG Glass Programmable Thermostat features a 7 day, 6 event heating schedule including 6 heating events on each day of the weekend. The piano black and ice white glass fascias and clean lines are a perfect match for any modern interior.

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Colour</th>
<th>Size W x H x D (mm)</th>
<th>IP Rating</th>
<th>Max Load</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>5220A*</td>
<td>Ice White</td>
<td>85 x 115 x 46 (26mm in wall)</td>
<td>IP30</td>
<td>16A</td>
<td>271.82</td>
<td>299.00</td>
</tr>
<tr>
<td>5226A</td>
<td>Piano Black</td>
<td>85 x 115 x 46 (26mm in wall)</td>
<td>IP30</td>
<td>16A</td>
<td>271.82</td>
<td>299.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Accessories</th>
<th>Size W x H x D (mm)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>5221</td>
<td>White Landscape Mounting Plate</td>
<td>115 x 86 x 5</td>
<td>20.00</td>
<td>22.00</td>
</tr>
<tr>
<td>5223</td>
<td>Black Landscape Mounting Plate</td>
<td>115 x 86 x 5</td>
<td>20.00</td>
<td>22.00</td>
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</tbody>
</table>

*5220A Thermostat included as standard in all Underfloor Heating T-Kits - pages 21, 29, 32 and 37.
Thermotouch 4.3dC is a dual thermostat that can control your underfloor heating and electric towel rail or mirror demister.

Thermotouch has been designed to deliver an easy to use electric underfloor heating thermostat that has all the functionality required yet is simple to operate.

Dual relay controls
Thermotouch 4.3dC features two independent relays which allows you to control your underfloor heating and towel rail on separate on/off heating schedules.

Economical heating schedule
Set up an energy efficient, on demand heating schedule for your underfloor heating and an optional additional appliance.

Smart boost settings
Temporarily override your heating schedule until the next scheduled time for the underfloor heating and for up to four hours on your heated towel rail. The Thermotouch will then revert back to your heating schedule.

Multiple sensor compatibility
Thermotouch 4.3dC is compatible with the most popular floor sensor probes on the market, making it suitable to upgrade your current thermostat.

Smart Adaptive Start
Thermotouch learns how long it takes your floor to heat up and ensures your room is warm exactly when you want it to be.

Flexible Heating Schedule
Set up a different schedule for everyday of the week or have them all the same.
Control your underfloor heating and towel rail from one thermostat

Control your electric underfloor heating and an additional appliance, such as an electric heated towel rail or mirror demister. The second relay operates an independent timer allowing separate heating schedules.

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Colour</th>
<th>Size W x H x D (mm)</th>
<th>IP Rating</th>
<th>Max Combined Load</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
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<tbody>
<tr>
<td>5245*</td>
<td>Ice White</td>
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<td>IP30</td>
<td>20A</td>
<td>362.73</td>
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<tr>
<td>5246</td>
<td>Satin Black</td>
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<td>IP30</td>
<td>20A</td>
<td>362.73</td>
<td>399.00</td>
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</table>

* 5245 Thermostat included as standard in all Underfloor Heating TD-Kits - See pages 22 and 33.

View Thermorail Heated Towel Rail Timers on pages 118-119.
Thermotouch 9.2mG Glass Manual Thermostats are a simple on/off temperature control for your floor heating.

Thermotouch 9.2mG Glass Manual Thermostats are used when only an on/off function is required to control the floor temperature.

**Manual control**
Thermotouch 9.2mG features a simple to use manual function that allows you to manually control the temperature of your underfloor heating.

**Sensor mode**
Thermotouch 9.2mG is supplied with a floor sensor probe and an option for using an ambient sensor to ensure total control over your heating system.

**Back Box Supplied**
Supplied back box for use with plaster walls for ease of installation.

**Use with Home Automation**
Thermotouch 9.2mG has the function to be set to “On as Before”, allowing you to set your comfort level and use it with off-peak electricity or Home Automation systems.
Thermotouch 9.2mG Glass Manual Thermostat

The 9.2mG Manual Thermostat benefits from simple on/off controls and easy temperature adjustment. There are also some advanced settings including temperature limits and an ambient temperature sensor.

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Colour</th>
<th>Size W x H x D (mm)</th>
<th>IP Rating</th>
<th>Max Load</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
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</thead>
<tbody>
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<td>White Glass</td>
<td>85 x 85 x 46 (31mm in wall)</td>
<td>IP30</td>
<td>16A</td>
<td>190.00</td>
<td>209.00</td>
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<tr>
<td>5216</td>
<td>Black Glass</td>
<td>85 x 85 x 46 (31mm in wall)</td>
<td>IP30</td>
<td>16A</td>
<td>190.00</td>
<td>209.00</td>
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## Electrical accessories

<table>
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<th>Description</th>
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<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
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<td>6025</td>
<td>UFH Cable Monitor</td>
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<td>27.27</td>
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<tr>
<td>6026</td>
<td>Spray Adhesive 500ml (10m²)</td>
<td>ea</td>
<td>32.73</td>
<td>36.00</td>
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<td>5266</td>
<td>Floor Sensor Probe (10k Ω)</td>
<td>ea</td>
<td>20.91</td>
<td>23.00</td>
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<tr>
<td>5279</td>
<td>25A Contactor/Snubber 5700W</td>
<td>ea</td>
<td>153.64</td>
<td>169.00</td>
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<tr>
<td>5280</td>
<td>40A Contactor/Snubber 9000W</td>
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<tr>
<td>5286</td>
<td>63A Contactor/Snubber 14440W</td>
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<td>5281</td>
<td>Snubber</td>
<td>ea</td>
<td>28.18</td>
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<tr>
<td>5250</td>
<td>Manual Thermostat</td>
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<td>162.73</td>
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<tr>
<td>5270</td>
<td>Slimline Repair Kit</td>
<td>ea</td>
<td>20.91</td>
<td>23.00</td>
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<tr>
<td>5267</td>
<td>Flexible Conduit Kit 1.8 Lm</td>
<td>1.8 Lm</td>
<td>22.73</td>
<td>25.00</td>
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<tr>
<td>6994</td>
<td>Plastic Single Back Box</td>
<td>ea</td>
<td>14.55</td>
<td>16.00</td>
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<tr>
<td>5274</td>
<td>Metal Back Box</td>
<td>ea</td>
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<tr>
<td>5412</td>
<td>Cold Tail Extension Wire</td>
<td>Lm</td>
<td>10.91</td>
<td>12.00</td>
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</table>
Thermostat FAQs

We have put together a range of answers to the most frequently asked questions about Underfloor Heating Controllers.
If you have a question that isn’t answered here, please give us a call.

What is a floor sensor?
A floor sensor is a small probe that is installed beneath the floor, between two runs of heating cable. This is connected to the Thermostat and gives an accurate reading of the floor temperature.

What temperature should I set my underfloor heating at?
Every situation is different however it is recommended to set your underfloor heating to 24°C to begin with. After testing for several days increase or decrease the temperature to find your comfort temperature. Please note a decrease of 1°C may not affect the comfort or warmth of the floor enough to make it noticeable but can help to reduce running costs.

What is a contactor/snubber?
A contactor is designed to switch loads greater than 16A on one thermostat. The snubber must also be connected to absorb any electrical surges that could disrupt the memory of the thermostat.

Do I need a contactor/snubber?
Thermogroup thermostats have a max load of 16A. If your system exceeds this total load you will require a suitably rated contactor/snubber to ensure a safe and functional circuit.

Can I control multiple zones with one controller?
No, each zone that you want to have individual control over needs to have it’s own separate controller.

What is an Eco Temperature?
The Eco temperature is a lower temperature that is set for the ‘Off’ period on the Thermostat. This is normally set at a temperature between 15-18°C. This means that the heating will still come on if the temperature drops below this, even during an ‘Off’ period, ensuring the floor heating will not be trying to heat from freezing for each ‘On’ period.

How much does it cost to run an electric underfloor heating system?
Every system is different because of the insulation value of the property, type of flooring used and the level of insulation below the heating system. For an estimated running cost see page 13.

Do I need to purchase a floor sensor?
No, every Thermostat is supplied with a compatible floor sensor so this does not need to be purchased separately.

What is the difference between an underfloor heating controller and a towel rail controller?
An underfloor heating controller (Thermostat) allows you to have control over the temperature of your floor whereas a towel rail controller is only a timing device (On/Off) and does not allow for any control over the temperature.

Can I control my underfloor heating using C-Bus?
Yes, ensure that you purchase one of the manual thermostats (5215 page 59 or 5250 page 60) with your underfloor heating and this can be connected to and controlled by your C-Bus system.

Can I control my underfloor heating and towel rail from one controller?
Yes, with our Thermotouch 4.3dC dual control thermostat, you can individually control both your underfloor heating and towel rail from the single controller.

What is the flexible conduit for? Do I need to install it?
We recommend that the floor sensor is installed in the flexible conduit so that if the floor sensor fails or if you choose to upgrade your thermostat later the floor sensor can be removed and replaced without damaging the floor covering.
Did you know?
Trapped air which cannot move is the best insulator. That’s why birds puff up their feathers to enable them to trap air between their feathers and keep them warm.

Insulation boards trap air creating an active barrier against heat going down into your substrate and therefore pushing it back up into the room where you need to keep warm.
Insulation
Insulation Boards for Underfloor Heating

Using the correct Insulation Board is vital for an efficient electric underfloor heating system as it minimises downward heat loss and reduces your running costs by up to 50%.

Uncoated boards for concrete substrates and under tile heating
For more details see page 68-69

Coated tile backer boards for timber substrates and wetrooms
For more details see page 66-67

Econosoft Underlay for floating floor build ups and timber flooring
For more details see page 71

Typical concrete floor build up
- Tiled floor
- Flexible tile adhesive
- Thermonet mat
- Econoboard Uncoated
- Flexible tile adhesive
- Concrete substrate

Typical timber floor build up
- Tiled floor
- Flexible tile adhesive
- Thermonet mat
- Econoboard Coated
- Timber substrate

Typical floating floor build up
- Timber floor
- Econosoft overlay (5422)
- Thermofoil PRO
- Econosoft underlay
- Econoboard Coated
- Timber substrate

Floor Temperature (°C)

Heat up time (Hours)

SAVING ZONE

More detail on heat up times on page 12
Key benefits of Econoboard insulation

Econoboard insulation is essential for an energy efficient electric underfloor heating system. A layer of Econoboard will help prevent heat loss into the substrate and ensure faster heat up times, as well as providing a stable, flat substrate for underfloor heating.

- Improve the efficiency of electric underfloor heating by up to 50%
- 100% moisture resistant and rot proof
- Minimal heat loss into the substrate and faster heat up times
- Helps prevent mould staining from moisture in bathrooms
- Easy to install - cuts with regular hand tools
- Can be installed on floors and walls
- Coated boards improve lateral and flexural stability of timber floors

Heat loss into the substrate
Without insulation boards, heat energy is lost into the substrate before radiating up through the floor into the room. This is wasted energy.

Improved efficiency and comfort
Econoboard reflects the heat energy up through the floor, resulting in increased efficiency and much lower running costs.
Econoboard Coated Insulation Boards

Manufactured using a high-density extruded polystyrene core with a polymer modified, fibre reinforced cement coating on both sides. Adds rigidity, strength and thermal insulation to timber substrates.

- Easy to cut with normal hand tools
- 100% moisture and rot proof
- Improves the efficiency of underfloor heating by up to 50%
- Fibre reinforced for improved lateral stability

**Thermal Conductivity**
0.033 W/mK

**Compressive Strength**
300 kPa

**Water Absorption**
0.6% by vol.

**Foam Core Density**
Manufactured to 36 Kg/m³
Installation overview

Using Econoboard Coated and the range of fixing accessories quickly creates an ideal, stable substrate for tile adhesive and underfloor heating. It can be used on floors and walls and is 100% rot proof which makes it ideal for use in bathrooms and wetrooms.

1. Ensure the timber substrate is secure and free from dust and any debris.
2. Cut boards to size with a sharp blade and position over the floor area in an offset brick pattern.
3. Fix in position using fixing screws (6020) and washers (6016) at 300mm centres (10 washers per board).

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Thickness (mm)</th>
<th>Board Size (m)</th>
<th>Board Area (m²)</th>
<th>Pack Quantity</th>
<th>Pack Area (m²)</th>
<th>R value m².k/w</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
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<tbody>
<tr>
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<td>1.2 x 0.6</td>
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<td>1.2 x 0.6</td>
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<td>6</td>
<td>4.32</td>
<td>0.27</td>
<td>217.27</td>
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Accessories

<table>
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<tr>
<th>Stock Code</th>
<th>Description</th>
<th>Unit</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
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</thead>
<tbody>
<tr>
<td>6015</td>
<td>100mm Reinforcing Tape 45m roll*</td>
<td>ea</td>
<td>47.27</td>
<td>52.00</td>
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<tr>
<td>6016</td>
<td>Zinc Fixing Washers (35mm)</td>
<td>pk 100</td>
<td>38.18</td>
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<tr>
<td>6020</td>
<td>Fixing Screws (32mm)</td>
<td>pk 100</td>
<td>12.64</td>
<td>13.90</td>
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</tbody>
</table>

*Allow 2m of Tape per board
Econoboard Thermal Insulation

Cost effective thermal insulation board for concrete and screed substrates. Improves insulation and reduces heat loss into the substrate. Available in 6mm or 10mm boards, Econoboard gives you maximum insulation with a minimal height build up - ideal for refurbishment applications.
Installation overview

Solid concrete floors and screeds absorb the cold and damp from below. Econoboard should be used before tiling to inhibit moisture and prevent heat loss into the substrate. Econoboard is 100% rot proof and ideal for use in bathrooms and wetrooms.

1. Ensure the concrete substrate is free from dust and any debris.
2. Mix tile adhesive according to manufacturer guidelines and spread on substrate with a notched trowel.
3. Place in an offset brick pattern and fix in position by pressing the boards firmly into the adhesive.

<table>
<thead>
<tr>
<th>Stock</th>
<th>Code</th>
<th>Thickness (mm)</th>
<th>Board Size (m²)</th>
<th>Board Area (m²)</th>
<th>Pack Quantity</th>
<th>Pack Area (m²)</th>
<th>R value m²k/w</th>
<th>RRP $ Excl.</th>
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<td>20</td>
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<td>6014</td>
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<td>10</td>
<td>7.2</td>
<td>0.3</td>
<td>262.73</td>
<td>289.00</td>
</tr>
</tbody>
</table>

Econoboard Uncoated Acoustic Properties

Econoboard Uncoated Insulation boards will help to absorb impact sound resulting in decreased noise pollution, reducing impact by up to 20dB!
Insulation

Call us on 1300 368 631 or visit www.thermogroup.com.au
Overlay and underlay solutions

Every Thermofoil system requires a layer of Econosoft Underlay (5400) and Econosoft Acoustic Overlay (5422) or Vapour Barrier (5415). Econosoft overlay reduces sound by 21dB.

5400
Econosoft Cushioning Underlay 5mm
An essential 5mm cushioning underlay that should be included under Thermofoil in every installation.

5422
Econosoft Overlay
An essential cushioning overlay that also acts as a vapour and acoustic barrier and should be included above Thermofoil in every installation.

5415
Vapour Barrier
Vapour Barrier is an alternative to Econosoft Overlay where the acoustic properties are not required (such as under carpet) and acts to inhibit the transfer of any moisture that may be present in the substrate from being absorbed into the floor finish. Either Econosoft or Vapour Barrier must be installed above Thermofoil in every installation.

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Description</th>
<th>Size</th>
<th>Unit</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
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<td>5400</td>
<td>Econosoft Cushioning Underlay</td>
<td>1200 x 500 x 5mm</td>
<td>(6m²) pk 10</td>
<td>120.00</td>
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<tr>
<td>5422</td>
<td>Econosoft Acoustic Overlay</td>
<td>15m x 1m</td>
<td>Ea</td>
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<td>Vapour Barrier</td>
<td>20m²</td>
<td>Ea</td>
<td>85.45</td>
<td>94.00</td>
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</table>

Engineered timber or laminate floor finish
Econosoft overlay
Thermofoil heating foil
Econosoft cushioning underlay
Substrate
Did you know?

Fire is the oldest form of Heating used by man. Every 52 years, when the Aztecs calendar completed a cycle they would extinguish every flame in the empire. The high priest would start a new fire and fires fed from this flame would be distributed throughout the land. Today you can have heat anywhere in your home whenever you like with the simple flick of a switch.
Space Heating
Thermofan fan heaters are designed to quickly and effectively add warmth to your home.

**Easy installation**

The Thermofan bathroom fan heaters are designed to be easy to install and come with a 3-pin plug to provide a retrofit heating solution.

**Rapid heat up time**

Thermofan fan heaters are designed to provide a flow of warm air to quickly warm up your room.

**Low noise level**

With a low noise level, Thermofans have minimal disruption to your home.

**Safe for use in bathrooms**

All the Thermofan fan heaters can be safely installed in bathrooms. Refer to your electrician for the correct zone placement based on the IP rating.

**Variety of programming options**

The Thermofan fan heater range includes a variety of methods of operation, from a simple pull cord on/off unit to a fully programmable unit.
The Thermofan TF2400 is a compact and sleek down flow heater available in a stainless steel or white finish. The unit features a metal case which is built to last and is operated by a pull switch.

The fan heater provides an instant heat source with low noise level, helping to rapidly warm any room in the home.

The TF2400 unit is simple and quick to install on a wall, ideal for above doorways, and comes pre-fitted with a lead and 3-pin plug or can be hardwired if required.

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Colour</th>
<th>Size (mm)</th>
<th>Output (W)</th>
<th>Room Size (m²)</th>
<th>IP Rating</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
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<td>TF2400S</td>
<td>Stainless Steel</td>
<td>H200 x W270 x D110</td>
<td>2200 - 2400</td>
<td>16</td>
<td>IPX0</td>
<td>171.82</td>
<td>189.00</td>
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<tr>
<td>TF2400W</td>
<td>White</td>
<td>H200 x W270 x D110</td>
<td>2200 - 2400</td>
<td>16</td>
<td>IPX0</td>
<td>171.82</td>
<td>189.00</td>
</tr>
</tbody>
</table>

Also available in black upon request

Ideal Applications:
- Bathrooms
- Hotels
- Class rooms
- High-wall Mounting
The TF1000 Bathroom Fan Heater is an attractive, wall mounted fan heater with the controls concealed on the side of the unit. It features extremely low noise level, a 60 minute boost timer and has a removable and washable filter.

The TF1000 is very simple to use with two controls on the side of the unit. The first dial is used to set your preferred room temperature, which once set, the fan heater will turn on and off to maintain the room at this preferred temperature (Operating at 1000 Watts). The second dial is a 60 minute boost timer which is used to boost the temperature of your room (Operates at 1800 Watts) for a set amount of time (Max 60 minutes). Once the time is completed the Thermofan will revert to the comfort temperature setting.

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Size (mm)</th>
<th>Output (W)</th>
<th>Room Size (m²)</th>
<th>IP Rating</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>TF1000</td>
<td>H410 x W285 x D115</td>
<td>1000 – 1800</td>
<td>Up to 15</td>
<td>IP24</td>
<td>250.00</td>
<td>275.00</td>
</tr>
</tbody>
</table>

**Ideal Applications:**
- Bathrooms
- Old-aged care
- Hotels
- Any room of your Home or office
The Thermofan TF1800 boasts intelligent energy saving controls, and its slimline design and touchscreen controls make it a perfect addition to any modern home. The TF1800 is fully programmable, allowing you to set when you want it on every day of the week and at your desired temperature.

Alternatively, the automatic mode can be selected which allows you to set your comfort temperature and the Thermofan will heat as required, using the presence sensor to maintain this temperature. The presence sensor is designed to reduce energy consumption as it automatically lowers the ambient temperature when no-one is detected in the room and comes back to the set comfort temperature when movement is detected again.

### Stock Code Specifications

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Size (mm)</th>
<th>Output (W)</th>
<th>Room Size (m²)</th>
<th>IP Rating</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>TF1800</td>
<td>H450 x W270 x D110</td>
<td>1800</td>
<td>Up to 15</td>
<td>IP24</td>
<td>344.55</td>
<td>379.00</td>
</tr>
</tbody>
</table>

### Ideal Applications:
- Bathrooms
- Office
- Busy lifestyles – provides full programming flexibility
Add the warm feeling of underfloor heating to your home or office without having to replace your floor.

Thermomat heated carpet mats are a simple plug-in heat mat ideal for use under your desk, controlled by an on/off switch on the cord (1.8m long cord).

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Size (mm)</th>
<th>Output (W)</th>
<th>Colour</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>6050</td>
<td>W600 x D400 x H10</td>
<td>75</td>
<td>Anthracite</td>
<td>171.82</td>
<td>189.00</td>
</tr>
</tbody>
</table>
How many times have you seen a lizard sunning itself on a warm wall?
That’s the same as placing a towel over a Heated Towel Rail to keep it warm and dry for when you need it.
Heated Towel Rails

Call us on 1300 368 631 or visit www.thermogroup.com.au
Thermorail Heated Towel Rails transform your bathroom with the comfort and luxury of warm, dry towels.

When you are looking to add that little bit extra to your bathroom design, there is sure to be something that suits you from our extensive rail range.

Available styles...

Ladder Range Page 86-93
Black Range Page 95
Coloured Range Page 99
12Volt Single Bar Range Page 102-103
12Volt Ladder Range Page 106
12Volt Vertical Bar Range Page 107
Freestanding Range Page 111
Swivel Range Page 115
Non-Heated Range Page 120-125
Liquid Filled Range Page 127-133
Thermorail Electric Heated Towel Rails

Electric heated towel rails have a quick response time, are a lot more energy efficient and are more suited to the Australian climate than traditional liquid filled models. The dry electric element heats up quickly and in turn heats the air in the tubes. When a towel is hung on the rails the heat is concentrated under the towel allowing it to dry more quickly.

Consider using a timer to control your electric heated towel rail ensuring you have a warm towel when you need it. See pages 118-119.
Multiflex wiring means there is a range of different wiring options within the one heated towel rail so the wiring can be decided at the time of installation. The wiring options available are either the top or the bottom of the rail, on the left or right hand side, making it possible to come from any of the four mounting points. Wiring can also be exposed (plug-in) or concealed (hard wired).

**Top & Bottom Wiring**

Wiring connection points come as standard at the base of the unit.

Due to being a dry element rail this can be turned over/upside down (there is no difference between the top and bottom) and have the connection points at the top of the unit.

**Left & Right Hand Wiring**

The unit has wiring connection points on both the left and right hand side and the lead comes as a separate part.

The lead can be easily plugged into the desired side during installation.

**Concealed & Exposed Wiring**

The Thermorail can be hardwired (concealed) through one of the mounting legs providing a clean, sleek look.

Alternatively, the Thermorail can have exposed wiring which allows the wiring to come out the base of one of the mounting legs on the side closest to the wall and get plugged into a power point.

Scan the code to view our video that explains more on how Multiflex wiring works.
Heated Towel Rails

Straight Round Range

Model Shown: SR44M

**NEW**

**SR25M**
- W550 x H550 x D122mm
- Straight Round Profile
- Polished Stainless Steel
- 4 Bars
- 41 Watt Output

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SR25M</td>
<td>317.27</td>
<td>349.00</td>
</tr>
</tbody>
</table>

**SR17M**
- W400 x H1120 x D122mm
- Straight Round Profile
- Polished Stainless Steel
- 8 Bars
- 65 Watt Output

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SR17M</td>
<td>435.45</td>
<td>479.00</td>
</tr>
</tbody>
</table>

**SR23M**
- W530 x H700 x D122mm
- Straight Round Profile
- Polished Stainless Steel
- 8 Bars
- 76 Watt Output

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SR23M</td>
<td>380.91</td>
<td>419.00</td>
</tr>
</tbody>
</table>

Call us on 1300 368 631 or visit www.thermogroup.com.au
Call us on 1300 368 631 or visit www.thermogroup.com.au

Heated Towel Rails

Straight Round Range

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SR44M</td>
<td>380.91</td>
<td>419.00</td>
</tr>
<tr>
<td>SR27M</td>
<td>544.55</td>
<td>599.00</td>
</tr>
<tr>
<td>SR33M</td>
<td>426.36</td>
<td>469.00</td>
</tr>
<tr>
<td>SR69M</td>
<td>580.91</td>
<td>639.00</td>
</tr>
<tr>
<td>SR93M</td>
<td>626.36</td>
<td>689.00</td>
</tr>
<tr>
<td>SR99M</td>
<td>908.18</td>
<td>999.00</td>
</tr>
</tbody>
</table>
Heated Towel Rails

Model Shown: CR23M
## Curved Round Range

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CR40M</td>
<td>431.82</td>
<td>475.00</td>
</tr>
<tr>
<td>CR23M</td>
<td>453.64</td>
<td>499.00</td>
</tr>
<tr>
<td>CR44M</td>
<td>517.27</td>
<td>569.00</td>
</tr>
<tr>
<td>CR27M</td>
<td>626.36</td>
<td>689.00</td>
</tr>
<tr>
<td>CR69M</td>
<td>753.64</td>
<td>829.00</td>
</tr>
</tbody>
</table>

**CR40M**
- W600 x H420 x D150mm
- Curved Round Profile
- Polished Stainless Steel
- 4 Bars
- 45 Watt Output

**CR23M**
- W530 x H700 x D150mm
- Curved Round Profile
- Polished Stainless Steel
- 8 Bars
- 78 Watt Output

**CR44M**
- W600 x H800 x D150mm
- Curved Round Profile
- Polished Stainless Steel
- 7 Bars
- 80 Watt Output

**CR27M**
- W530 x H1120 x D150mm
- Curved Round Profile
- Polished Stainless Steel
- 8 Bars
- 82 Watt Output

**CR69M**
- W700 x H1400 x D150mm
- Curved Round Profile
- Polished Stainless Steel
- 12 Bars
- 153 Watt Output

---

**Thermorail Electric Towel Heaters**

- **10 Years Warranty**
- **IP55**
- **304 Stainless Steel**
- **240V**
- **Multiflex Wiring All 4 Legs**
- **Horizontal and Vertical Bars Sizes**

Call us on 1300 368 631 or visit [www.thermogroup.com.au](http://www.thermogroup.com.au)
Heated Towel Rails

Call us on 1300 368 631 or visit www.thermogroup.com.au

Model Shown: SS88M
# Heated Towel Rails

## Straight Square Range

### SS19M
- **Dimensions:** W450 x H1200 x D120mm
- **Profile:** Straight Square
- **Material:** Polished Stainless Steel
- **Bars:** 10
- **Wattage:** 89 Watt

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SS19M</td>
<td>511.82</td>
<td>563.00</td>
</tr>
</tbody>
</table>

### SS40M
- **Dimensions:** W600 x H420 x D120mm
- **Profile:** Straight Square
- **Material:** Polished Stainless Steel
- **Bars:** 4
- **Wattage:** 47 Watt

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SS40M</td>
<td>380.91</td>
<td>419.00</td>
</tr>
</tbody>
</table>

### SS44M
- **Dimensions:** W600 x H800 x D120mm
- **Profile:** Straight Square
- **Material:** Polished Stainless Steel
- **Bars:** 7
- **Wattage:** 83 Watt

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SS44M</td>
<td>453.64</td>
<td>499.00</td>
</tr>
</tbody>
</table>

### SS81M
- **Dimensions:** W800 x H440 x D120mm
- **Profile:** Straight Square
- **Material:** Polished Stainless Steel
- **Bars:** 4
- **Wattage:** 61 Watt

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SS81M</td>
<td>499.09</td>
<td>549.00</td>
</tr>
</tbody>
</table>

### SS88M
- **Dimensions:** W800 x H1160 x D120mm
- **Profile:** Straight Square
- **Material:** Polished Stainless Steel
- **Bars:** 10
- **Wattage:** 153 Watt

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SS88M</td>
<td>671.82</td>
<td>739.00</td>
</tr>
</tbody>
</table>

---

**Technical Specifications**

- **IP55**
- **Material:** 304 Stainless Steel
- **Voltage:** 240V
- **Guarantee:** 10 years
- **Wiring:** Multiflex wiring all 4 legs
- **Dimensions:** (Height x Width x Depth) mm

**Contact Information**

Call us on 1300 368 631 or visit [www.thermogroup.com.au](http://www.thermogroup.com.au)
Model Shown: BS24M
### Heated Towel Rails

**Budget Range**

- **BS24M**
  - W550 x H450 x D122mm
  - Straight Round Profile
  - Polished Stainless Steel
  - 3 Bars
  - 33 Watt Output
  - **Stock Code**: BS24M
  - **RRP $ Excl.**: 244.55
  - **RRP $ Incl.**: 269.00

- **BC44M**
  - W600 x H800 x D150mm
  - Curved Round Profile
  - Polished Stainless Steel
  - 7 Bars
  - 80 Watt Output
  - **Stock Code**: BC44M
  - **RRP $ Excl.**: 362.73
  - **RRP $ Incl.**: 399.00

- **BS44M**
  - W600 x H800 x D122mm
  - Straight Round Profile
  - Polished Stainless Steel
  - 7 Bars
  - 80 Watt Output
  - **Stock Code**: BS44M
  - **RRP $ Excl.**: 353.64
  - **RRP $ Incl.**: 389.00

- **BS46M**
  - W600 x H1080 x D122mm
  - Straight Round Profile
  - Polished Stainless Steel
  - 9 Bars
  - 103 Watt Output
  - **Stock Code**: BS46M
  - **RRP $ Excl.**: 417.27
  - **RRP $ Incl.**: 459.00

- **BS28M**
  - W500 x H800 x D120mm
  - Straight Square Profile
  - Polished Stainless Steel
  - 6 Bars
  - 81 Watt Output
  - **Stock Code**: BS28M
  - **RRP $ Excl.**: 377.27
  - **RRP $ Incl.**: 415.00

---

**Call us on 1300 368 631 or visit www.thermogroup.com.au**

**Warranty**

- **7 Years Warranty**
- **Safe for Use in Bathrooms**
- **Quality Stainless Steel**
- **240V Dry Electric Element**
- **IP55 Rating**

---
Heated Towel Rails

Call us on 1300 368 631 or visit www.thermogroup.com.au

Model Shown: SR69MB
Heated Towel Rails

Call us on 1300 368 631 or visit www.thermogroup.com.au

**Black Range**

**SR25MB**
- W550 x H550 x D122mm
- Straight Round Profile
- Matt Black Powder Coated
- 4 Bars
- 54 Watt Output

**SR33MB**
- W750 x H700 x D122mm
- Straight Round Profile
- Matt Black Powder Coated
- 8 Bars
- 132 Watt Output

**SR44MB**
- W600 x H800 x D122mm
- Straight Round Profile
- Matt Black Powder Coated
- 7 Bars
- 100 Watt Output

**SR19MB**
- W450 x H1200 x D122mm
- Straight Round Profile
- Matt Black Powder Coated
- 10 Bars
- 110 Watt Output

**SR69MB**
- W700 x H1200 x D122mm
- Straight Round Profile
- Matt Black Powder Coated
- 10 Bars
- 162 Watt Output

**BS48MB**
- W600 x H800 x D122mm
- Straight Square Profile
- Matt Black Powder Coated
- 6 Bars
- 104 Watt Output

**SS88MB**
- W800 x H1160 x D122mm
- Straight Square Profile
- Matt Black Powder Coated
- 10 Bars
- 217 Watt Output

Stock Code | RRP $ Excl. | RRP $ Incl.
--- | --- | ---
SR25MB | 399.09 | 439.00
SR33MB | 613.64 | 675.00
SR44MB | 499.09 | 549.00
SR19MB | 574.55 | 632.00
SR69MB | 799.09 | 879.00
BS48MB | 535.45 | 589.00
SS88MB | 817.27 | 899.00

**Key Features**
- **7 YEAR WARRANTY**
- **IP55 RATED FOR USE IN BATHROOMS**
- **QUALITY STAINLESS STEEL**
- **240V DRY ELECTRIC ELEMENT**
- **MULTIFLEX WIRING ALL 4 LEGS**
- **HAND WIRED OR PLUG IN**

---

Call us on 1300 368 631 or visit www.thermogroup.com.au
Heated Towel Rails

Model Shown: SRB27M
## Brushed Stainless Steel Range

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRB25M</td>
<td>362.73</td>
<td>399.00</td>
</tr>
<tr>
<td>SRB44M</td>
<td>435.45</td>
<td>479.00</td>
</tr>
<tr>
<td>SSB44M</td>
<td>480.91</td>
<td>529.00</td>
</tr>
</tbody>
</table>

**SRB25M**
- W550 x H550 x D122mm
- Straight Round Profile
- Brushed Stainless Steel
- 4 Bars
- 57 Watt Output

**SRB44M**
- W600 x H800 x D122mm
- Straight Round Profile
- Brushed Stainless Steel
- 7 Bars
- 90 Watt Output

**SSB44M**
- W600 x H800 x D120mm
- Straight Square Profile
- Brushed Stainless Steel
- 7 Bars
- 83 Watt Output

---

### Specifications
- Stock Code: [SRB27M](#)
- RRP $ Excl: 571.82
- RRP $ Incl: 629.00

- W530 x H1120 x D122mm
- Straight Round Profile
- Brushed Stainless Steel
- 8 Bars
- 80 Watt Output

- Stock Code: [SRB69M](#)
- RRP $ Excl: 671.82
- RRP $ Incl: 739.00

- W700 x H1200 x D122mm
- Straight Round Profile
- Brushed Stainless Steel
- 10 Bars
- 158 Watt Output

---

**Call us on 1300 368 631 or visit [www.thermogroup.com.au](http://www.thermogroup.com.au)**
Heated Towel Rails

Model Shown: SR44MRG
Heated Towel Rails

Call us on 1300 368 631 or visit www.thermogroup.com.au

Coloured Range

NEW

BS44MW
- W600 x H800 x D122mm
- Straight Round Profile
- Satin White Powder Coated
- 7 Bars
- 80 Watt Output

SR44MGM
- W600 x H800 x D122mm
- Straight Round Profile
- Gun Metal Plated
- 7 Bars
- 90 Watt Output

SR44MBG
- W600 x H800 x D122mm
- Straight Round Profile
- Brushed Gold Plated
- 7 Bars
- 90 Watt Output

SR44MRG
- W600 x H800 x D122mm
- Straight Round Profile
- Polished Rose Gold Plated
- 7 Bars
- 90 Watt Output

CR44GM
- W600 x H800 x D155mm
- Curved Round Profile
- Polished Gold Plated
- 7 Bars
- 90 Watt Output

Stock Code | RRP $ Excl. | RRP $ Incl.
--- | --- | ---
BS44MW | 526.36 | 579.00
SR44MGM | 908.18 | 999.00
SR44MBG | 690.00 | 759.00
SR44MRG | 690.00 | 759.00
CR44GM | 962.73 | 1,059.00

Actual finish may differ slightly from images shown.

FOR PLATED RANGE SEE PAGE 117.
Thermorail 12Volt Heated Towel Rails

Low Voltage
All the rails in this range have low voltage enabling them to be safely located anywhere in your bathroom or wet areas allowing you to have full flexibility with your bathroom design. See page 137 for electrical zoning.

Transformer Included
All of the Thermorail 12Volt range come with a 12Volt transformer meaning the only additional electrical item you require is a switch or timer to control the rail.

Energy Efficient Element
The Thermorail range is designed to run on the lowest wattage possible without compromising comfort and the fast response heating means you only have the rail on when you really need it.

Concealed Dry Electric Element
All of the 12Volt ladder rails have a dry electric element that can be concealed wired on either the left or right-hand side of the rail while the vertical bars can be concealed wired at the top or bottom of the rail. Single Bar rails come as standard with right-hand side wiring, left-hand wiring is available on request.

Use the second relay on the Thermotouch 4.3dC to control your electric heated towel rail. This allows you to set up individual heating schedules for your Floor Heating and your Towel Rail all on the single controller! More information on page 119.
## 12V Single Bar Range

### Stock Code | RRP $ Excl. | RRP $ Incl. | Transformer Included | IP45 Suitable for Use in Bathrooms | Stay Electric Element | Brushed Hand Concealed Mount | Stainless Steel
---|---|---|---|---|---|---|---
DSR6 | W632 x H32 x D100mm | 150.00 | 165.00 |
  | Round Profile | |
  | Polished Stainless Steel | |
  | 18 Watt Output | |
  | 10 Year Warranty | |

**Model Shown: DSS6 x 3**

### Stock Code | RRP $ Excl. | RRP $ Incl. | Transformer Included | IP45 Suitable for Use in Bathrooms | Stay Electric Element | Brushed Hand Concealed Mount | Stainless Steel
---|---|---|---|---|---|---|---
DSR6B | W632 x H32 x D100mm | 171.82 | 189.00 |
  | Round Profile | |
  | Matt Black Powder Coated | |
  | 18 Watt Output | |
  | 7 Year Warranty | |

### Stock Code | RRP $ Excl. | RRP $ Incl. | Transformer Included | IP45 Suitable for Use in Bathrooms | Stay Electric Element | Brushed Hand Concealed Mount | Stainless Steel
---|---|---|---|---|---|---|---
DSR6BR | W632 x H32 x D100mm | 171.82 | 189.00 |
  | Round Profile | |
  | Brushed Stainless Steel | |
  | 18 Watt Output | |
  | 7 Year Warranty | |

### Stock Code | RRP $ Excl. | RRP $ Incl. | Transformer Included | IP45 Suitable for Use in Bathrooms | Stay Electric Element | Brushed Hand Concealed Mount | Stainless Steel
---|---|---|---|---|---|---|---
DSR8 | W832 x H32 x D100mm | 212.73 | 234.00 |
  | Round Profile | |
  | Polished Stainless Steel | |
  | 23 Watt Output | |
  | 10 Year Warranty | |

### Stock Code | RRP $ Excl. | RRP $ Incl. | Transformer Included | IP45 Suitable for Use in Bathrooms | Stay Electric Element | Brushed Hand Concealed Mount | Stainless Steel
---|---|---|---|---|---|---|---
DSR8B | W832 x H32 x D100mm | 235.45 | 259.00 |
  | Round Profile | |
  | Matt Black Powder Coated | |
  | 23 Watt Output | |
  | 7 Year Warranty | |

### Stock Code | RRP $ Excl. | RRP $ Incl. | Transformer Included | IP45 Suitable for Use in Bathrooms | Stay Electric Element | Brushed Hand Concealed Mount | Stainless Steel
---|---|---|---|---|---|---|---
DSR8BR | W832 x H32 x D100mm | 235.45 | 259.00 |
  | Round Profile | |
  | Brushed Stainless Steel | |
  | 23 Watt Output | |
  | 7 Year Warranty | |

---

Call us on 1300 368 631 or visit www.thermogroup.com.au

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Heated Towel Rails

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[Image of Heated Towel Rails]
### 12V Single Bar Range

**DSS4**
- **Dimensions:** W450 x H40 x D100mm
- **Profile:** Square
- **Material:** Polished Stainless Steel
- **Output:** 17 Watt
- **Warranty:** 10 Year

**DSS6**
- **Dimensions:** W632 x H40 x D100mm
- **Profile:** Square
- **Material:** Polished Stainless Steel
- **Output:** 23 Watt
- **Warranty:** 10 Year

**DSS6BR**
- **Dimensions:** W632 x H40 x D100mm
- **Profile:** Brushed Stainless Steel
- **Output:** 23 Watt
- **Warranty:** 7 Year

**DSS8**
- **Dimensions:** W832 x H40 x D100mm
- **Profile:** Square
- **Material:** Polished Stainless Steel
- **Output:** 30 Watt
- **Warranty:** 10 Year

**DSS8BR**
- **Dimensions:** W832 x H40 x D100mm
- **Profile:** Brushed Stainless Steel
- **Output:** 30 Watt
- **Warranty:** 7 Year

**DSS8B**
- **Dimensions:** W832 x H40 x D100mm
- **Profile:** Matte Black Powder Coated
- **Output:** 30 Watt
- **Warranty:** 7 Year

**DCF7**
- **Dimensions:** W700 x H40 x D100mm
- **Profile:** Curved Flat
- **Material:** Polished Stainless Steel
- **Output:** 21 Watt
- **Warranty:** 10 Year

**DCR7**
- **Dimensions:** W700 x H32 x D100mm
- **Profile:** Curved Round
- **Material:** Polished Stainless Steel
- **Output:** 15 Watt
- **Warranty:** 10 Year
Thermorail Mounting System

The mounting system allows easy installation of multiple single bar rails by ensuring perfect rail spacing and allows for the supply cable to be installed before the wall is sheeted. Mounting spigots are supplied with the single bar towel rails when purchased with a mounting kit.

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Description</th>
<th>Size (mm)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>7060</td>
<td>Thermorail Mounting System</td>
<td>H1000 x W110 x D10</td>
<td>153.64</td>
<td>169.00</td>
</tr>
</tbody>
</table>

Not suitable for use with Vertical or Ladder Rails. The 7060 mounting kit needs to be installed on the right hand side. Can fit 10 rails at 100mm spacing.
12V Ladder Range

Heated Towel Rails

Model Shown: SR4412

SR4412
- W600 x H800 x D122mm
- Round Profile
- Polished Stainless Steel
- 7 Bars
- 90 Watt Output
- 10 Year Warranty
- 12-month warranty on the transformer

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SR4412</td>
<td>480.91</td>
<td>529.00</td>
</tr>
</tbody>
</table>

SR4412B
- W600 x H800 x D122mm
- Round Profile
- Matt Black Powder Coated
- 7 Bars
- 110 Watt Output
- 7 Year Warranty
- 12-month warranty on the transformer

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SR4412B</td>
<td>599.09</td>
<td>659.00</td>
</tr>
</tbody>
</table>

SS4412
- W600 x H800 x D120mm
- Square Profile
- Polished Stainless Steel
- 7 Bars
- 90 Watt Output
- 10 Year Warranty
- 12-month warranty on the transformer

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SS4412</td>
<td>544.55</td>
<td>599.00</td>
</tr>
</tbody>
</table>

Call us on 1300 368 631 or visit www.thermogroup.com.au
## 12V Vertical Bar Range

**Model Shown: VS900H x 3**

**Heated Towel Rails**

- **Call us on 1300 368 631**
- **Visit www.thermogroup.com.au**

### Stock Code | RRP $ Excl. | RRP $ Incl.
---|---|---
VS900H | 286.36 | 315.00
VS900HBR | 317.27 | 349.00
VS900HB | 317.27 | 349.00
VS900SH | 317.27 | 349.00

### Specifications
- **W142 x H900 x D100mm**
- **Round Profile**
- **Polished Stainless Steel**
- **Removable Hook**
- **30 Watt Output**
- **10 Year Warranty**
- **12 month warranty on the transformer**

### Features
- **CONCEALED WIRING ONLY**
- **DRY ELECTRIC ELEMENT**
- **12V TRANSFORMER INCLUDED**
- **HORIZONTAL AND VERTICAL BAR SIZES**
  - 19mmø
  - 32mmø
- **MULTIFLEX WIRING ALL 4 LEGS**
- **COLOURED STAINLESS STEEL**

---

**VS900HBR**

- **W142 x H900 x D100mm**
- **Round Profile**
- **Brushed Stainless Steel**
- **Removable Hook**
- **30 Watt Output**
- **7 Year Warranty**
- **12 month warranty on the transformer**

**VS900HB**

- **W142 x H900 x D100mm**
- **Round Profile**
- **Matt Black Powder Coated**
- **Removable Hook**
- **30 Watt Output**
- **7 Year Warranty**
- **12 month warranty on the transformer**

**VS900SH**

- **W142 x H900 x D100mm**
- **Square Profile**
- **Polished Stainless Steel**
- **Removable Hook**
- **30 Watt Output**
- **10 Year Warranty**
- **12 month warranty on the transformer**

---

**Call us on 1300 368 631 or visit www.thermogroup.com.au**
Switched Range

Model Shown: SR44SM

SR44SM
- W600 x H800 x D122mm
- Straight Round Profile
- Polished Stainless Steel
- 7 Bars
- 90 Watt Output

Stock Code | RRP $ Excl. | RRP $ Incl.
-----------|-------------|-------------
SR44SM     | 444.55      | 489.00      

S44SM
- W600 x H800 x D120mm
- Straight Square Profile
- Polished Stainless Steel
- 7 Bars
- 90 Watt Output

Stock Code | RRP $ Excl. | RRP $ Incl.
-----------|-------------|-------------
SS44SM     | 490.00      | 539.00      

Switch located on bottom of the left upright

SRS Range

Model Shown: SRS54M

SRS54M
- W650 x H800 x D128mm
- Square Uprights with Round Bars
- Polished Stainless Steel
- 8 Bars
- 105 Watt Output

Stock Code | RRP $ Excl. | RRP $ Incl.
-----------|-------------|-------------
SRS54M     | 562.73      | 619.00      

Model Shown: SRS54M
Shelf Range

RSH38
- W580 x H1190 x D225mm
- Curved Round Profile
- Polished Stainless Steel
- 6 Bars
- 75 Watt Output
- Non-Heated Shelf

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>RSH38</td>
<td>744.55</td>
<td>819.00</td>
</tr>
</tbody>
</table>

SH44M
- W600 x H800 x D250mm
- Straight Round Profile
- Polished Stainless Steel
- 7 Bars
- 87 Watt Output
- Non-Heated Shelf

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SH44M</td>
<td>522.73</td>
<td>575.00</td>
</tr>
</tbody>
</table>
Fixed Leg Range

Model Shown: RSL24C

- **RSL24C**
  - **W500 x H800 x D110mm**
  - Straight Round Profile
  - Polished Stainless Steel
  - 8 Bars
  - 75 Watt Output

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>RSL24C</td>
<td>553.64</td>
<td>609.00</td>
</tr>
</tbody>
</table>

Model Shown: SFS69M

- **SFS69M**
  - **W780 x H1250 x D110mm**
  - Straight Round Profile
  - Polished Stainless Steel
  - 10 Bars
  - 142 Watt Output

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>RSL79C</td>
<td>762.73</td>
<td>839.00</td>
</tr>
</tbody>
</table>

Straight Flat Range

Model Shown: SFS69M

- **SFS69M**
  - **W700 x H1200 x D115mm**
  - Straight Flat Profile
  - Polished Stainless Steel
  - 9 Bars
  - 160 Watt Output

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SFS69M</td>
<td>677.27</td>
<td>745.00</td>
</tr>
</tbody>
</table>

Model Shown: RSL24C

- **RSL24C**
  - **W500 x H800 x D110mm**
  - Straight Round Profile
  - Polished Stainless Steel
  - 8 Bars
  - 75 Watt Output

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>RSL24C</td>
<td>553.64</td>
<td>609.00</td>
</tr>
</tbody>
</table>

Model Shown: SFS69M

- **SFS69M**
  - **W780 x H1250 x D110mm**
  - Straight Round Profile
  - Polished Stainless Steel
  - 10 Bars
  - 142 Watt Output

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>RSL79C</td>
<td>762.73</td>
<td>839.00</td>
</tr>
</tbody>
</table>
Freestanding Range

**FS66E**
- W600 x H1080 x D300mm
- Straight Round Profile
- Polished Stainless Steel
- 8 Bars
- 100 Watt Output

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>FS66E</td>
<td>383.64</td>
<td>422.00</td>
</tr>
</tbody>
</table>

**FS55E**
- W590 x H900 x D355mm
- Straight Flat Profile
- Polished Stainless Steel
- 8 Bars
- 119 Watt Output

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>FS55E</td>
<td>383.64</td>
<td>422.00</td>
</tr>
</tbody>
</table>
Floor to Ceiling Range

Model Shown: FC70R

FC70R

- W700 x H2400-3000 x D50mm
- Straight Round Profile
- Polished Stainless Steel
- 16 Bars
- 280 Watt Output

Stock Code | RRP $ Excl. | RRP $ Incl.  
--- | --- | ---  
FC70R | 1,780.91 | 1,959.00  

*The FC70R is supplied as 3000mm long but can be cut down to 2400mm on site.
**SB Range**

**W560 x H850 x D140mm**
- Straight Round Profile with Ball Detail
- Polished Stainless Steel
- 5 Bars
- 60 Watt Output

**SB79M**
- W680 x H1200 x D140mm
- Straight Round Profile with Ball Detail
- Polished Stainless Steel
- 7 Bars
- 100 Watt Output

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SB34M</td>
<td>817.27</td>
<td>899.00</td>
</tr>
<tr>
<td>SB79M</td>
<td>1,117.27</td>
<td>1,229.00</td>
</tr>
</tbody>
</table>

**Box Range**

**W600 x H800 x D122mm**
- Straight Round Profile
- Polished Stainless Steel
- 6 Bars
- 68 Watt Output

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SBR44M</td>
<td>535.45</td>
<td>589.00</td>
</tr>
</tbody>
</table>

Model Shown: SB79M

Model Shown: SBR44M
Model Shown: SV35
Swivel Range

### SV24
- W600 x H540 x D99mm
- Straight Round Profile
- Polished Stainless Steel
- 4 Bars
- 48 Watt Output

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SV24</td>
<td>420.00</td>
<td>462.00</td>
</tr>
</tbody>
</table>

### SV43
- W675 x H740 x D99mm
- Straight Round Profile
- Polished Stainless Steel
- 6 Bars
- 77 Watt Output

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SV43</td>
<td>517.27</td>
<td>569.00</td>
</tr>
</tbody>
</table>

### SV35
- W600 x H540 x D99mm
- Straight Square Profile
- Polished Stainless Steel
- 4 Bars
- 48 Watt Output

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SV35</td>
<td>477.27</td>
<td>525.00</td>
</tr>
</tbody>
</table>

### SV68
- W570 x H1260 x D99mm
- Straight Round Profile
- Polished Stainless Steel
- 8 Bars
- 88 Watt Output

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SV68</td>
<td>708.18</td>
<td>779.00</td>
</tr>
</tbody>
</table>
The S60S and S62S heated towel rails are designed so they can be plated in almost any finish. The four most popular finishes are listed with codes and pricing on the opposite page. For any other finishes please contact us for more information and pricing.

Each S60S and S62S rail is plated to order so there is a 4-5 week lead time on all finishes.

These rails are liquid-filled and fitted with an electric element on the bottom right-hand side and are only suitable for hardwiring.

The S60S and S62S have a 5 year warranty which covers the plated finish and the heating element.
Plated Range

**S60**
- W600 x H790 x D118mm
- Straight Round Profile
- 6 Bars
- 90 Watt Output

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Colour</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>S60SBN</td>
<td>Brushed Nickel</td>
<td>2,144.55</td>
<td>2,359.00</td>
</tr>
<tr>
<td>S60SBG</td>
<td>Brushed Gold</td>
<td>2,717.27</td>
<td>2,989.00</td>
</tr>
<tr>
<td>S60SAB</td>
<td>Antique Brass</td>
<td>2,435.45</td>
<td>2,679.00</td>
</tr>
<tr>
<td>S60SBB</td>
<td>Brushed Brass</td>
<td>2,313.64</td>
<td>2,545.00</td>
</tr>
</tbody>
</table>

**S62**
- W620 x H1215 x D118mm
- Straight Round Profile
- 8 Bars
- 150 Watt Output

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Colour</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>S62SBN</td>
<td>Brushed Nickel</td>
<td>2,635.45</td>
<td>2,899.00</td>
</tr>
<tr>
<td>S62SBG</td>
<td>Brushed Gold</td>
<td>3,635.45</td>
<td>3,999.00</td>
</tr>
<tr>
<td>S62SAB</td>
<td>Antique Brass</td>
<td>3,053.64</td>
<td>3,359.00</td>
</tr>
<tr>
<td>S62SBB</td>
<td>Brushed Brass</td>
<td>2,944.55</td>
<td>3,239.00</td>
</tr>
</tbody>
</table>

Standard Colours available:

- Brushed Nickel
- Brushed Gold
- Antique Brass
- Brushed Brass

- Actual plated finish may differ slightly from images shown.
- 4-5 week lead time applies to plated rails.
- Contact us for more information on other available colours.
- For stocked colour rails refer to page 99.

Call us on 1300 368 631 or visit www.thermogroup.com.au
Thermorail Timers

The TRTS Thermorail Timer is a digital touch screen timer ideal for controlling Thermorails. With the TRTS Thermorail Timer you have the ability to program each day individually or 7 days the same or program week days to one schedule and weekends different. This timer has 4 switching times (2on/2off) per day and is simple to program with large easy to read characters.

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Size (mm)</th>
<th>Colour</th>
<th>IP Rating</th>
<th>Max Load</th>
<th>Warranty</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRTS</td>
<td>W80 x H120 x D45 (25mm in Wall)</td>
<td>White</td>
<td>IP30</td>
<td>16A</td>
<td>2yrs</td>
<td>153.64</td>
<td>169.00</td>
</tr>
<tr>
<td>TRTSB</td>
<td>W80 x H120 x D45 (25mm in Wall)</td>
<td>Black</td>
<td>IP30</td>
<td>16A</td>
<td>2yrs</td>
<td>153.64</td>
<td>169.00</td>
</tr>
</tbody>
</table>

Select all 7 days the same, 5+2 days or all 7 days different
Fully programmable 7-day timer
2 heating periods per day
Full touchscreen – portrait mounted
Glass faceplate

ET12C Eco Timer

The Eco Timer is a simple timing device designed to go behind the switch plate (supplied with the ET12C timer). The timer operates on a 12 hour schedule meaning it will be on at the same time morning and evening each day of the week. The programmed time can be selected for a period from 1 to 11 hours and three heat settings can be selected: 50%, 75% or 100%.

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Size (mm)</th>
<th>Colour</th>
<th>IP Rating</th>
<th>Max Load</th>
<th>Warranty</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>5289</td>
<td>W49 x H35 x D27</td>
<td>Excludes Switch Plate</td>
<td>IP30</td>
<td>1A</td>
<td>1yr</td>
<td>45.45</td>
<td>50.00</td>
</tr>
<tr>
<td>ET12C</td>
<td>W70 x H120 x D10</td>
<td>White</td>
<td>IP30</td>
<td>1A</td>
<td>1yr</td>
<td>75.45</td>
<td>83.00</td>
</tr>
<tr>
<td>ET12CB</td>
<td>W70 x H120 x D10</td>
<td>Black</td>
<td>IP30</td>
<td>1A</td>
<td>1yr</td>
<td>75.45</td>
<td>83.00</td>
</tr>
</tbody>
</table>

Select from 50%, 75% or 100% power
Repeats program every 12hrs
Timer concealed behind switch plate
Can be connected to spare switch on light switch plate
Thermotouch 4.3dC
Thermotouch 4.3dC is an electric underfloor heating controller with an extra 5Amp relay output. This enables you to control your underfloor heating and towel rail from the same controller with individual switching times.

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Size (mm)</th>
<th>Colour</th>
<th>IP Rating</th>
<th>Max Load</th>
<th>Warranty</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>5245</td>
<td>W88 x H129 x D48 (31mm in Wall)</td>
<td>White</td>
<td>IP30</td>
<td>20A</td>
<td>3yrs</td>
<td>362.73</td>
<td>399.00</td>
</tr>
<tr>
<td>5246</td>
<td>W88 x H129 x D48 (31mm in Wall)</td>
<td>Black</td>
<td>IP30</td>
<td>20A</td>
<td>3yrs</td>
<td>362.73</td>
<td>399.00</td>
</tr>
</tbody>
</table>

EB11 Boost Timer
The EB11 Boost Switch allows you to boost the heat for 4 different periods of time without having to remember to switch it off. Your Thermorail will revert back to ‘Off’ mode after the selected amount of time, thus reducing energy consumption.

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Size (mm)</th>
<th>Colour</th>
<th>IP Rating</th>
<th>Max Load</th>
<th>Warranty</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>EB11</td>
<td>W86 x H86 x D22</td>
<td>White</td>
<td>IP20</td>
<td>13A</td>
<td>3yrs</td>
<td>140.91</td>
<td>155.00</td>
</tr>
</tbody>
</table>
Non-Heated Round Range

**USR54**
- W630 x H800 x D122mm
- Straight Round Profile
- Polished 304 Grade Stainless Steel
- 5 Bars
- 10 Year Warranty

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>USR54</td>
<td>322.73</td>
<td>355.00</td>
</tr>
</tbody>
</table>

**US49**
- W460 x H925 x D95mm
- Straight Round Profile
- Polished 201 Grade Stainless Steel
- 5 Bars
- 7 Year Warranty

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>US49</td>
<td>353.64</td>
<td>389.00</td>
</tr>
</tbody>
</table>

**US69**
- W610 x H925 x D95mm
- Straight Round Profile
- Polished 201 Grade Stainless Steel
- 5 Bars
- 7 Year Warranty

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>US69</td>
<td>380.91</td>
<td>419.00</td>
</tr>
</tbody>
</table>

**USL44**
- W600 x H800 x D85-205mm
- Straight Round Profile
- Polished 201 Grade Stainless Steel
- 7 Bars
- 7 Year Warranty

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
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</thead>
<tbody>
<tr>
<td>USL44</td>
<td>308.18</td>
<td>339.00</td>
</tr>
</tbody>
</table>

**USV24**
- W600 x H540 x D99mm
- Straight Round Profile
- Polished 304 Grade Stainless Steel
- 4 Bars
- 10 Year Warranty

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>USV24</td>
<td>362.73</td>
<td>399.00</td>
</tr>
</tbody>
</table>

**USR54B**
- W630 x H800 x D122mm
- Straight Round Profile
- Matt Black Powder Coated
- 5 Bars
- 7 Year Warranty

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
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</thead>
<tbody>
<tr>
<td>USR54B</td>
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<td>459.00</td>
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</table>
## Non-Heated Square Range

### USS56
- **W650 x H1000 x D120mm**
- Straight Square Profile
- Polished 304 Grade Stainless Steel
- 5 Bars
- 10 Year Warranty

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<thead>
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<th>Stock Code</th>
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<th>RRP $ Incl.</th>
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<tr>
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</table>

### USS45
- **W600 x H900 x D100mm**
- Straight Square Profile
- Polished 201 Grade Stainless Steel
- 5 Bars
- 7 Year Warranty

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### USF75
- **W750 x H980 x D100mm**
- Straight Flat Profile
- Polished 201 Grade Stainless Steel
- 4 Bars
- 7 Year Warranty

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### USV35
- **W600 x H540 x D99mm**
- Straight Square Profile
- Polished 304 Grade Stainless Steel
- 4 Bars
- 10 Year Warranty

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### USS56B
- **W650 x H1000 x D120mm**
- Straight Square Profile
- Matt Black Powder Coated
- 5 Bars
- 7 Year Warranty

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Non-Heated Single Bar Range

Model Shown: USS6B x 3

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<td>USS6B</td>
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<td>USS6BR</td>
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<tr>
<td>USS8</td>
<td>168.18</td>
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</table>

USS4
- W450 x H40 x D100mm
- Square Profile
- Polished 304 Grade Stainless Steel
- 10 Year Warranty
- Also Available in Heated

USS6
- W632 x H40 x D100mm
- Square Profile
- Polished 304 Grade Stainless Steel
- 10 Year Warranty
- Also Available in Heated

USS6B
- W632 x H40 x D100mm
- Square Profile
- Matt Black Powder Coated
- 7 Year Warranty
- Also Available in Heated

USS6BR
- W632 x H40 x D100mm
- Square Profile
- Brushed Stainless Steel
- 7 Year Warranty
- Also Available in Heated

USS8
- W832 x H40 x D100mm
- Square Profile
- Polished 304 Grade Stainless Steel
- 10 Year Warranty
- Also Available in Heated

USS6W
- W632 x H40 x D100mm
- Square Profile
- Satin White Powder Coated
- 7 Year Warranty
- Also Available in Heated

Call us on 1300 368 631 or visit www.thermogroup.com.au
## Non-Heated Single Bar Range

### Stock Code | RRP $ Excl. | RRP $ Incl.
--- | --- | ---
USR6 | 126.36 | 139.00
USR6B | 140.91 | 155.00
USC6 | 126.36 | 139.00
UCF7 | 126.36 | 139.00
UCR7 | 126.36 | 139.00

**USR6**
- W632 x H32 x D100mm
- Round Profile
- Polished 304 Grade Stainless Steel
- 10 Year Warranty
- Also Available in Heated

**USR6B**
- W632 x H32 x D100mm
- Round Profile
- Matt Black Powder Coated
- 7 Year Warranty
- Also Available in Heated

**USC6**
- W640 x H40 x D100mm
- Square Profile with Rounded Corners
- Polished 304 Grade Stainless Steel
- 10 Year Warranty
- Also Available in Heated

**UCF7**
- W700 x H40 x D100mm
- Curved Flat Profile
- Polished 304 Grade Stainless Steel
- 10 Year Warranty
- Also Available in Heated

**UCR7**
- W700 x H32 x D100mm
- Round Curved Profile
- Polished 304 Grade Stainless Steel
- 10 Year Warranty
- Also Available in Heated

---

For Heated Models see pages 102-103.
**Automatic Heating Technology (AHT)**

Unique to Jeeves, AHT is an intelligent, convenient and energy efficient method of heating bathroom rails which allows you to experience the luxury of a heated towel rail without the need for a manual temperature control or complex digital control panels. Jeeves heated towel rails include a built-in thermostat that is designed to automatically respond to temperature changes and ensure a safe heat level and automatically regulate energy consumption.

**Liquid Filled**

The Jeeves heated towel rails are liquid filled with an electric element. This allows you to enjoy the benefits of even heat distribution and no ultra-hot spots under the towels without the difficulty of installation associated with a standard hydronic heated towel rail.

**Energy Savings**

The built-in thermostat on the Jeeves heated towel rail automatically regulates the power consumption. Due to the cyclical consumption practice the Jeeves heated towel rail, even when on, will not necessarily draw power which results in less energy consumption than is needed to run a standard light bulb!

**Effortless Control**

With the automatic heating technology external switches are not required and the Jeeves rails are designed to run continuously, however if required the rails can easily be switched on and off using a regular switch, just like a bathroom light.
### Jeeves Quadro P

**Model Shown: P62SPR**

- **W620 x H870 x D118mm**
- Square Uprights with Round Bars
- Polished Stainless Steel
- 4+4+4 Bars
- 150 Watt Output

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<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
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**P62SBR**

- **W620 x H870 x D118mm**
- Square Uprights with Round Bars
- Brushed Stainless Steel
- 4+4+4 Bars
- 150 Watt Output

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**P62SBKR**

- **W620 x H870 x D118mm**
- Square Uprights with Round Bars
- Satin Black Powder Coated
- 4+4+4 Bars
- 175 Watt Output

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**Specifications**

- 240V
- IPX5
- 25-Year Five Years Warranty on Rail
- Five Years Warranty on Element
- Suitable for use in Bathrooms
- Detachable with Electric Socket
- 35x35mm
- 13mm
- Vertical/Wall Mounted

---

Call us on 1300 368 631 or visit [www.thermogroup.com.au](http://www.thermogroup.com.au)
**Heated Towel Rails**

**Jeeves Classic D**

Model Shown: D62SPR

- **D62SPR**
  - W620 x H1340 x D118mm
  - Straight Round Profile
  - Polished Stainless Steel
  - 4+4+5+7 Bars
  - 250 Watt Output

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**Jeeves Classic K**

Model Shown: K10SPR

- **K10SPR**
  - W1000 x H690 x D118mm
  - Straight Round Profile
  - Polished Stainless Steel
  - 3+7 Bars
  - 200 Watt Output

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</table>
Jeeves Spartan Boxx

Model Shown: T52SPR

Model Shown: L52SBKR

Jeeves Tangent L

Heated Towel Rails

Call us on 1300 368 631 or visit www.thermogroup.com.au
Heated Towel Rails

Jeeves Tangent M

Model Shown: M62SPR

M62SPR

- W620 x H555 x D326mm
- Straight Round Profile
- Polished Stainless Steel
- 7 Bars
- 120 Watt Output

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Jeeves Tangent W

Model Shown: W11SR

W11SR

- W520 x H1100 x D118mm
- Straight Round Profile
- Polished Stainless Steel
- 6 Bars
- 90 Watt Output

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</table>
Need a Replacement Element?

How to select the correct element for your Jeeves heated towel rail.

The element of the Jeeves heated towel rails can fail after a long period of use and the replacement Jeeves elements allow you to quickly and easily fix this without the expense and inconvenience of replacing the entire rail.

When choosing a new element, you need to know the wattage of the element that is currently in your heated towel rail. The replacement element can be within 10-15% of the wattage of the original element.

If selecting an element with a higher wattage than the original element, this will result in an increased surface temperature of the heated towel rail, whilst a lower wattage element will decrease the surface temperature.

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<th>Height / Length (mm)</th>
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<td>JE135</td>
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<td>235.45</td>
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<td>JE150</td>
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</table>
Liquid-Filled Range

Prefilled Heated Towel Rails with Thermostatic Element

- Prefilled meaning no need for plumbing or filling
- Constantly heats the entire rail to 50-55°C thus adding some warmth to the room
- Even heat distribution with no ultra-hot spots
- Replaceable element

Model Shown: HSRC4427

<table>
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Heated Towel Rails

Towel Rail Index

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Size (mm)</th>
<th>No. Bars</th>
<th>Output (W)</th>
<th>Type</th>
<th>Profile</th>
<th>Finish</th>
<th>Wiring Option</th>
<th>IP Rating</th>
<th>Warranty</th>
<th>Page No.</th>
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</thead>
<tbody>
<tr>
<td>SR25M</td>
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<td>4</td>
<td>41</td>
<td>Ladder</td>
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Wiring Option Key: M=Multiflex ( Concealed or Exposed, Left or Right, Top or Bottom) C=Concealed E=Exposed L=Left Hand R=Right Hand T=Top B=Base

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**Wiring Option Key:**
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- E = Exposed
- L = Left Hand
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<td>Round &amp; Square</td>
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<td>C, B, R</td>
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<td>Straight Round</td>
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<td>C, B, R</td>
<td>IPX5</td>
<td>5*</td>
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</tbody>
</table>

**Wiring Option Key:**
- M: Multiflex ( Concealed or Exposed, Left or Right, Top or Bottom)
- C: Concealed
- E: Exposed
- L: Left Hand
- R: Right Hand
- T: Top
- B: Base

*3yr warranty on element
**5yr warranty on element
Positioning Your Thermorail

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

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.
Heated Towel Rail FAQs

We have put together a range of answers to the most frequently asked questions about our Thermorail Heated Towel Rails. If you have a question that isn’t answered here please give us a call.

Why do I need a heated towel rail?
Heated towel rails were once considered a luxury but now are widely used to provide warm dry towels in the cold winter months. Heated towel rails also create a more hygienic environment in your bathroom by keeping towels dry and free from germs or mould. Heated towel rails also help save electricity and water as they reduce the need for continuous towel washing and tumble drying.

What temperature will the towel rail get to?
A Thermorail heated towel rail will generally heat up to around 35 degrees and heats up a lot quicker than a hydronic rail. When a towel is placed over the bars the towel insulates the rail and absorbs the heat, meaning that beneath the towel the temperature will rise to between 50 – 55 degrees.

A hydronic rail heats the entire rail to 55 degrees, taking longer to reach temperature, but helping add warmth to the bathroom. As the element is heating the water and not the air, covering the rail with a towel will not cause it to get any hotter.

What does it cost to run a heated towel rail?
A standard dry element rail can cost as little as 1 cent per hour to run. This can be further reduced by adding a timer to provide optimum control over running times.

What is the heat up time on my towel rail?
An electric towel rail will take 5 minutes to start getting warm and within approximately 30 minutes it will reach optimum temperature. A hydronic or liquid filled rail will take closer to an hour to reach its optimum temperature. Although the towel rail will get to temperature within 30 minutes it will take 1½-3hrs to dry the towels (Dependant on ambient temperature and size, quantity and dampness of the towels)

What is the best way to dry my towels?
Contrary to what most people think if the towel is folded when placed on the towel rail it will actually dry better than if the towel is just draped over in a single layer. This is because the folded towel will insulate the towel rail allowing it to dry the towel quicker.

My towels aren’t getting hot enough, is something wrong?
Towel rails in Australia are designed to dry and gently warm the towel but not to get as hot as a radiator. So, although the towel rail will dry your towel and provide some warmth it will not be heated to the extent that a tumble dryer will heat your towel.

How do I control my heated towel rail?
Thermorails are safe to be left running continuously however most times it is preferable to have the ability to control when your heated towel rail is on and off and thus saving you energy. The majority of the range of Thermorails don’t have a switch on the unit but can be very simply wired to a standard switch. Alternatively, you can wire the Thermorail to a timer that can be programmed to turn on and off to suit your lifestyle. See Thermorail Timers on page 118-119.

Will the towel rail heat my bathroom?
Thermorail electric heated towel rails are designed as a towel warmer only and won’t add heat to your bathroom. However, hydronic and liquid filled rails are designed to not only heat your towel, but also add some warmth to the bathroom although they are still not designed as bathroom heaters.
When ordering a Thermorail do I need to specify which wiring option I require?

Any Thermorail that has Multiflex wiring (symbolised by an ‘M’ at the end of the code) has the option of being concealed or exposed wired at any of the four mounting points. All the parts required for any of these mounting options come as standard with the Thermorail – you do not need to purchase anything extra or specify the wiring required, this can be decided at the time of installation.

What is Multiflex wiring?
Multiflex wiring means there is a range of different wiring options within the one rail so the wiring can be decided at the time of installation. The multiple wiring options available are at either the top or the bottom of the rail, on the left or right hand side - making it possible to come from any of the four mounting points. Wiring can also be exposed (plug in) or concealed (hard wired). See more details on page 85.

Can I retrofit a heated towel rail into an existing bathroom?
The majority of the Thermorail range (excluding the 12Volt Range) have the option to have exposed wiring. This means that the heated towel rail can be very easily mounted to your wall in an existing bathroom and plugged into a nearby power point meaning that no wiring is required in the wall or roof cavity.

Can I install the heated towel rail myself?
The towel rail is supplied with complete installation instructions so if the towel rail is going to be plugged into a power point then you can easily install the towel rail yourself. However, if you are hardwiring the towel rail then you will require a qualified electrician to wire it up.

What does the IP Rating mean?
IP rating is the ingress protection rating on electrical products that determines where an electrical product can be installed in the bathroom. More information on page 137.

Where can I place my heated towel rail in my bathroom?
The majority of the Thermorail range have an IP55 rating which is one of the highest ratings available for heated towel rails. This allows for placing the towel rail in most areas of the bathroom however you should always consult your electrician if your chosen position is suitable for the heated towel rail you have selected.

What if I wanted a heated model in non-heated?
The majority of the Thermorail heated towel rails have the wiring concealed in the leg and no switch located on the rail. This means you can mount the rail to the wall without connecting the rail to power and use as a non-heated rail. There will be no visible difference.

What are the towel rails made from?
All of the dry electric towel rails are made from quality stainless steel and polished to a mirror finish (unless otherwise specified).

How can I take care of my stainless steel product?
The stainless steel is very hardwearing and easy to maintain. Cleaning the towel rail should be done with a soft cloth and avoid hard scrubbing, scratching or using acid based cleaning products.

Do 12Volt Thermorails get as warm as standard 240Volt Thermorails?
The 12Volt Thermorail range will get as warm and dry your towels as efficiently as the standard 240Volt Thermorails. This is because the amount of heat output is related to the wattage of the rail rather than the voltage. So a 12Volt Thermorail will put out the same amount of heat as a 240Volt Thermorail with the same wattage.

Are 12Volt rails more efficient than 240Volt rails?
No, a 12Volt rail will use the same amount of electricity as a 240Volt rail of the same wattage.

Where should the transformer be installed?
The transformer can be installed in the ceiling or the wall cavity no further than two metres from the rails. If mounting in the wall cavity the transformer must be behind a switch plate to enable access and the transformer needs to have ventilation.

How many single bar towel rails can I have in a set?
The number of Single Bar 12Volt Rails that you include in a set is only limited by your imagination. To dry and warm your towels effectively you will need a minimum of 3 rails per set.

Do I need to order a mounting system?
No, the single bar rails have all the parts needed for installation however the mounting system is recommended when installing multiple bars as it makes it easier for the cable management and spacing.
Did you know?
The Bolivia Salt Lake Flats are so barren and smooth that it seems as though you can see the curvature of the planet. This expanse is commonly known as the world’s largest mirror as it is so big that you can see it from space.
Ablaze Mirrors add a touch of luxury to every bathroom

When you are looking to add that little bit extra to your bathroom design there is sure to be something that suits you from our extensive mirror range.

- Back-lit mirrors enhance ambience & add luxury to your bathroom
- Wall mounted magnifying mirrors, available in a range of styles to suit your needs for make-up application or shaving
- Thermomirror demister pads ensure a condensation free mirror after your hot shower or bath
- Range of standard mirrors to suit all styles and budgets
- Ability to custom make Signature Range mirrors to fit your space
Ablaze Premium Back-lit Mirrors run on a low energy light allowing the light to be left on constantly and used as a night light. All models include LED lights and a 12 Volt transformer. Wiring is through the centre of the back box and this needs to be hard wired to a switch in the room, either with your light switch or an additional switch in the centre of the power point.

S Range

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Light</th>
<th>Size W x H x D (mm)</th>
<th>Output (W)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
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## Premium Back-lit Mirrors

### SS Range

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<td>41</td>
<td>608.18</td>
<td>669.00</td>
</tr>
<tr>
<td>RS600W</td>
<td>Warm</td>
<td>600 ø x 43</td>
<td>41</td>
<td>608.18</td>
<td>669.00</td>
</tr>
<tr>
<td>RS900C</td>
<td>Cool</td>
<td>900 ø x 43</td>
<td>79</td>
<td>908.18</td>
<td>999.00</td>
</tr>
<tr>
<td>RS900W</td>
<td>Warm</td>
<td>900 ø x 43</td>
<td>79</td>
<td>908.18</td>
<td>999.00</td>
</tr>
</tbody>
</table>
SO Range

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Light</th>
<th>Size W x H x D (mm)</th>
<th>Output (W)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SO500C</td>
<td>Cool</td>
<td>500 x 1000 x 45</td>
<td>39</td>
<td>726.36</td>
<td>799.00</td>
</tr>
</tbody>
</table>

SSC Range

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Light</th>
<th>Size W x H x D (mm)</th>
<th>Output (W)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSC128C</td>
<td>Cool</td>
<td>1200 x 800 x 45</td>
<td>108</td>
<td>1,204.55</td>
<td>1,325.00</td>
</tr>
</tbody>
</table>

Premium Back-lit Mirrors

NEW

Three years warranty

LED lighting

NEW

Three years warranty

LED lighting

NEW

Three years warranty

LED lighting

Call us on 1300 368 631 or visit www.thermogroup.com.au
Model Shown: BSL97C
Contractor Back-lit Mirrors

- **Contractor Back-lit Mirror with Spot Magnifier**
  - Operated by an IR on/off switch
  - | Stock Code | W x H x D (mm) | Output (W) | RRP $ Excl. | RRP $ Incl. |
  - | BSM97C | 900 x 750 x 45 | 14 | 480.91 | 529.00 |

- **Contractor Back-lit Mirror with Strip Lights**
  - Operated by an IR on/off switch
  - | Stock Code | W x H x D (mm) | Output (W) | RRP $ Excl. | RRP $ Incl. |
  - | BSL97C | 900 x 750 x 45 | 8 | 383.64 | 422.00 |

- **Contractor Round Back-lit Mirror with Spot Magnifier**
  - Operated by a touch sensor on front of mirror
  - | Stock Code | W x H x D (mm) | Output (W) | RRP $ Excl. | RRP $ Incl. |
  - | BSM80C | 800ø x 25 | 11 | 408.18 | 449.00 |
Ablaze Magnifying Mirrors

Ablaze Magnifying Mirrors are an important accessory in bathrooms today giving you the extra clarity required when applying make-up or shaving. With a large range of 20 models to choose from, there is sure to be one to suit your décor, style & budget.
Ablaze Magnifying Mirrors

L252CSMC/L252CSME
- 3x Magnification
- 250mm Diameter
- Chrome Plated Brass
- Arm Extends to 390mm
- 3 Watt White LED Light
- Concealed (C) or Exposed (E) Wiring

L253CSMC
- 3x Magnification
- 250mm Diameter
- Chrome Plated Brass
- Arm Extends to 390mm
- 3 Watt Warm LED Light
- Concealed Wiring

L255CSMC/L255CSME
- 5x Magnification
- 250mm Diameter
- Chrome Plated Brass
- Arm Extends to 390mm
- 3 Watt White LED Light
- Concealed (C) or Exposed (E) Wiring

Stock Code | RRP $ Excl. | RRP $ Incl.
--- | --- | ---
L252CSMC | 360.91 | 397.00
L252CSME | 360.91 | 397.00

L252CSMCB
- 3x Magnification
- 250mm Diameter
- Matt Black Finish
- Arm Extends to 390mm
- 3 Watt White LED Light
- Concealed Wiring

L252GSMC
- 3x Magnification
- 250mm Diameter
- Gold Plated Brass
- Arm Extends to 390mm
- 3 Watt White LED Light
- Concealed Wiring

LR257CSM
- 7x Magnification
- 200mm Diameter
- Chrome Plated Brass
- Arm Extends to 380mm
- 3 Watt White LED Light
- Concealed Wiring

Stock Code | RRP $ Excl. | RRP $ Incl.
--- | --- | ---
L252CSMCB | 399.09 | 439.00
L252GSMC | 453.64 | 499.00
LR257CSM | 299.09 | 329.00

Ablaze Mirrors

Ablaze Magnifying Mirrors

L155CSMC

• 1 & 5x Magnification
• 200mm Diameter
• Chrome Plated Brass
• Arm Extends to 320mm
• 3 Watt White LED Light
• Concealed (C) or Exposed (E) Wiring

Stock Code | RRP $ Excl. | RRP $ Incl.
--- | --- | ---
L155CSMC | 408.18 | 449.00

LS205CSMC/LS205CSME

• 3x Magnification
• 200 x 200mm
• Chrome Plated Brass
• Arm Extends to 390mm
• 3 Watt White LED Light
• Concealed (C) or Exposed (E) Wiring

Stock Code | RRP $ Excl. | RRP $ Incl.
--- | --- | ---
LS205CSMC | 435.45 | 479.00
LS205CSME | 435.45 | 479.00

LS205CSMCB

• 3x Magnification
• 200 x 200mm
• Matt Black Finish
• Arm Extends to 390mm
• 3 Watt White LED Light
• Concealed Wiring

Stock Code | RRP $ Excl. | RRP $ Incl.
--- | --- | ---
LS205CSMCB | 453.64 | 499.00

L258CSMC/L258CSME

• 1 & 8x Magnification
• 200mm Diameter
• Chrome Plated Brass
• Arm Extends to 320mm
• 3 Watt White LED Light
• Concealed (C) or Exposed (E) Wiring

Stock Code | RRP $ Excl. | RRP $ Incl.
--- | --- | ---
L258CSMC | 426.36 | 469.00
L258CSME | 426.36 | 469.00

C185SM

• 1 & 5x Magnification
• 175mm Diameter
• Height 340mm
• Chrome Plated Brass
• 1.5 Watt White LED Light
• Requires 4x AAA Batteries (not included)

Stock Code | RRP $ Excl. | RRP $ Incl.
--- | --- | ---
C185SM | 235.45 | 259.00

V205CSM

• 1 & 5x Magnification
• 200mm Diameter
• Chrome Plated Brass
• Adjustable Height: 455 - 545mm
• Non-Lit Mirror

Stock Code | RRP $ Excl. | RRP $ Incl.
--- | --- | ---
V205CSM | 180.91 | 199.00

Ablaze Magnifying Mirrors

R16SM
- 1 & 5x Magnification
- 200mm Diameter
- Chrome Plated Brass
- Arm Extends to 330mm

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>R16SM</td>
<td>147.27</td>
<td>162.00</td>
</tr>
</tbody>
</table>

R16SMB
- 1 & 5x Magnification
- 200mm Diameter
- Matt Black Finish
- Arm Extends to 330mm

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>R16SMB</td>
<td>171.82</td>
<td>189.00</td>
</tr>
</tbody>
</table>

R18SM
- 1 & 8x Magnification
- 200mm Diameter
- Chrome Plated Brass
- Arm Extends to 330mm

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>R18SM</td>
<td>162.73</td>
<td>179.00</td>
</tr>
</tbody>
</table>

R10SM
- 1 & 10x Magnification
- 200mm Diameter
- Chrome Plated Brass
- Arm Extends to 330mm

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>R10SM</td>
<td>186.36</td>
<td>205.00</td>
</tr>
</tbody>
</table>
Ablaze Mirrors

Ablaze Magnifying Mirrors

S15SM

• 1 & 5x Magnification
• 200 x 200mm
• Chrome Plated Brass
• Arm Extends to 330mm

RS204GSM

• 1 & 4x Magnification
• 150mm Diameter
• Gold Plated Brass
• Arm Extends to 500mm

S15SMB

• 1 & 5x Magnification
• 200 x 200mm
• Matt Black Finish
• Arm Extends to 330mm

R46SM

• 1 & 4x Magnification
• 200mm Diameter
• Chrome Plated Brass
• Arm Extends to 500mm

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>S15SM</td>
<td>253.64</td>
<td>279.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>RS204GSM</td>
<td>190.00</td>
<td>209.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>S15SMB</td>
<td>271.82</td>
<td>299.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>R46SM</td>
<td>170.00</td>
<td>187.00</td>
</tr>
</tbody>
</table>

Call us on 1300 368 631 or visit www.thermogroup.com.au

ONE YEAR WARRANTY
Model shown: BMR60BF
Black Frame Mirrors

Round Mirror with Black Frame

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Size (mm)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMR60BF</td>
<td>600 ø</td>
<td>353.64</td>
<td>389.00</td>
</tr>
<tr>
<td>BMR90BF</td>
<td>900 ø</td>
<td>417.27</td>
<td>459.00</td>
</tr>
</tbody>
</table>

Round Mirror with Black Frame and Demister

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Size (mm)</th>
<th>Output (W)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMR60BFD</td>
<td>600 ø</td>
<td>19</td>
<td>408.18</td>
<td>449.00</td>
</tr>
<tr>
<td>BMR90BFD</td>
<td>900 ø</td>
<td>46</td>
<td>471.82</td>
<td>519.00</td>
</tr>
</tbody>
</table>

Demister not attached to mirror; supplied as two separate components

Rectangle Mirror with Black Frame

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Size (mm)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMS759BF</td>
<td>750 x 900</td>
<td>417.27</td>
<td>459.00</td>
</tr>
</tbody>
</table>

Rectangle Mirror with Black Frame and Demister

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Size (mm)</th>
<th>Output (W)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMS759BFD</td>
<td>750 x 900</td>
<td>43</td>
<td>499.09</td>
<td>549.00</td>
</tr>
</tbody>
</table>

Demister not attached to mirror; supplied as two separate components

For more information on Thermomirror Mirror Demisters view pages 164-165.
# Contractor Polished Edge Mirrors

## Polished Edge Mirror

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Size (mm)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMTYL01</td>
<td>600 x 750</td>
<td>144.55</td>
<td>159.00</td>
</tr>
<tr>
<td>BMTYL03</td>
<td>900 x 750</td>
<td>162.73</td>
<td>179.00</td>
</tr>
<tr>
<td>BMTYL04</td>
<td>750 x 750</td>
<td>153.64</td>
<td>169.00</td>
</tr>
<tr>
<td>BMTYL05</td>
<td>1200 x 750</td>
<td>190.00</td>
<td>209.00</td>
</tr>
</tbody>
</table>

## Polished Edge Mirror with Demister

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Mirror Size (mm)</th>
<th>Output (W)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMTYL01D</td>
<td>600 x 750</td>
<td>19</td>
<td>204.55</td>
<td>225.00</td>
</tr>
<tr>
<td>BMTYL03D</td>
<td>900 x 750</td>
<td>43</td>
<td>226.36</td>
<td>249.00</td>
</tr>
<tr>
<td>BMTYL04D</td>
<td>750 x 750</td>
<td>46</td>
<td>222.73</td>
<td>245.00</td>
</tr>
<tr>
<td>BMTYL05D</td>
<td>1200 x 750</td>
<td>96</td>
<td>302.73</td>
<td>333.00</td>
</tr>
</tbody>
</table>

Demister not attached to mirror; supplied as two separate components.

## Round Polished Edge Mirror

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Size (mm)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMRTYL60</td>
<td>600 ø</td>
<td>162.73</td>
<td>179.00</td>
</tr>
<tr>
<td>BMRTYL90</td>
<td>900 ø</td>
<td>253.64</td>
<td>279.00</td>
</tr>
</tbody>
</table>

## Round Polished Edge Mirror with Demister

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Mirror Size (mm)</th>
<th>Output (W)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMRTYL60D</td>
<td>600 ø</td>
<td>8</td>
<td>226.36</td>
<td>249.00</td>
</tr>
<tr>
<td>BMRTYL90D</td>
<td>900 ø</td>
<td>46</td>
<td>304.55</td>
<td>335.00</td>
</tr>
</tbody>
</table>

Demister not attached to mirror; supplied as two separate components.

For more information on Thermomirror Mirror Demisters view pages 164-165.
Contractor Bevel Edge Mirrors

25mm Bevel Edge Mirror

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Size (mm)</th>
<th>Output (W)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMS01</td>
<td>600 x 750</td>
<td>19</td>
<td>150.00</td>
<td>165.00</td>
</tr>
<tr>
<td>BMS13</td>
<td>600 x 900</td>
<td>43</td>
<td>153.64</td>
<td>169.00</td>
</tr>
<tr>
<td>BMS03</td>
<td>900 x 750</td>
<td>166.36</td>
<td>166.36</td>
<td>183.00</td>
</tr>
<tr>
<td>BMS14</td>
<td>900 x 900</td>
<td>43</td>
<td>201.82</td>
<td>222.00</td>
</tr>
<tr>
<td>BMS15</td>
<td>1200 x 800</td>
<td>96</td>
<td>217.27</td>
<td>239.00</td>
</tr>
<tr>
<td>BMS16</td>
<td>1500 x 900</td>
<td>96</td>
<td>286.36</td>
<td>315.00</td>
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</tbody>
</table>

25mm Bevel Edge Mirror with Demister

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Mirror Size (mm)</th>
<th>Output (W)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMS01D</td>
<td>600 x 750</td>
<td>19</td>
<td>205.45</td>
<td>226.00</td>
</tr>
<tr>
<td>BMS13D</td>
<td>600 x 900</td>
<td>43</td>
<td>231.82</td>
<td>255.00</td>
</tr>
<tr>
<td>BMS03D</td>
<td>900 x 750</td>
<td>43</td>
<td>245.45</td>
<td>270.00</td>
</tr>
<tr>
<td>BMS14D</td>
<td>900 x 900</td>
<td>43</td>
<td>283.64</td>
<td>312.00</td>
</tr>
<tr>
<td>BMS15D</td>
<td>1200 x 800</td>
<td>96</td>
<td>350.00</td>
<td>385.00</td>
</tr>
<tr>
<td>BMS16D</td>
<td>1500 x 900</td>
<td>96</td>
<td>440.91</td>
<td>485.00</td>
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</tbody>
</table>

Demister not attached to mirror; supplied as two separate components.

18mm Bevel Edge Mirror

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Size (mm)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMRTYL50B</td>
<td>500 ø</td>
<td>144.55</td>
<td>159.00</td>
</tr>
<tr>
<td>BMRTYL60B</td>
<td>600 ø</td>
<td>171.82</td>
<td>189.00</td>
</tr>
<tr>
<td>BMRTYL70B</td>
<td>700 ø</td>
<td>198.18</td>
<td>218.00</td>
</tr>
</tbody>
</table>

18mm Bevel Edge Round Mirror with Demister

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Mirror Size (mm)</th>
<th>Output (W)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMRTYL60BD</td>
<td>600 ø</td>
<td>8</td>
<td>190.00</td>
<td>209.00</td>
</tr>
<tr>
<td>BMRTYL70BD</td>
<td>700 ø</td>
<td>24</td>
<td>222.73</td>
<td>245.00</td>
</tr>
</tbody>
</table>

Demister not attached to mirror; supplied as two separate components.

For more information on Thermomirror Mirror Demisters view pages 164-165.

Call us on 1300 368 631 or visit www.thermogroup.com.au
Contractor Mirrors

25mm Bevel Edge Mirror with Sandblasted Border

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Size (mm)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BREN01</td>
<td>600 x 750</td>
<td>162.73</td>
<td>179.00</td>
</tr>
<tr>
<td>BREN03</td>
<td>900 x 750</td>
<td>190.00</td>
<td>209.00</td>
</tr>
<tr>
<td>BREN15</td>
<td>1200 x 750</td>
<td>235.45</td>
<td>259.00</td>
</tr>
</tbody>
</table>

Demister not attached to mirror; supplied as two separate components.

25mm Bevel Edge Mirror with Sandblasted Border and Demister

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Mirror Size (mm)</th>
<th>Output (W)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BREN01D</td>
<td>600 x 750</td>
<td>19</td>
<td>204.55</td>
<td>225.00</td>
</tr>
<tr>
<td>BREN03D</td>
<td>900 x 750</td>
<td>43</td>
<td>244.55</td>
<td>269.00</td>
</tr>
<tr>
<td>BREN15D</td>
<td>1200 x 750</td>
<td>96</td>
<td>380.91</td>
<td>419.00</td>
</tr>
</tbody>
</table>

Demister not attached to mirror; supplied as two separate components.

25mm Bevel Edge Oval Mirror

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Size (mm)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BM018B</td>
<td>600 x 800</td>
<td>162.73</td>
<td>179.00</td>
</tr>
<tr>
<td>BM003B</td>
<td>750 x 900</td>
<td>180.91</td>
<td>199.00</td>
</tr>
</tbody>
</table>

25mm Bevel Edge Oval Mirror with Demister

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Mirror Size (mm)</th>
<th>Output (W)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BM018BD</td>
<td>600 x 800</td>
<td>26</td>
<td>197.27</td>
<td>217.00</td>
</tr>
<tr>
<td>BM003BD</td>
<td>750 x 900</td>
<td>26</td>
<td>224.55</td>
<td>247.00</td>
</tr>
</tbody>
</table>

Demister not attached to mirror; supplied as two separate components.

For more information on Thermomirror Mirror Demisters view pages 164-165.
Contractor Mirrors

Mirror Cabinet with 600mm Round Mirror Door

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Size (mm)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASCR</td>
<td>400 x 400 x 150</td>
<td>453.64</td>
<td>499.00</td>
</tr>
</tbody>
</table>

- 400 x 400mm square cabinet
- 600mm round mirror door
- Adjustable timber shelf
- Cannot be recessed into wall

Teresa Mirror with 80mm Mirror Border

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Size (mm)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADCP906</td>
<td>650 x 900</td>
<td>290.00</td>
<td>319.00</td>
</tr>
</tbody>
</table>

- 5mm mirror with 9mm MDF backing
- Can be mounted portrait or landscape
- Comes with hangers
- Not suitable for use with a mirror demister

Call us on 1300 368 631 or visit www.thermogroup.com.au
Contractor Float Glass Mirrors

Silver Slump Float Glass Mirror

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Size (mm)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSSFL03</td>
<td>900 x 750</td>
<td>192.73</td>
<td>212.00</td>
</tr>
<tr>
<td>BSSFL05</td>
<td>1200 x 750</td>
<td>250.00</td>
<td>275.00</td>
</tr>
</tbody>
</table>

Silver Slump Float Glass Mirror with Demister

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Mirror Size (mm)</th>
<th>Output (W)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSSFL03D</td>
<td>900 x 750</td>
<td>46</td>
<td>253.64</td>
<td>279.00</td>
</tr>
<tr>
<td>BSSFL05D</td>
<td>1200 x 750</td>
<td>96</td>
<td>326.36</td>
<td>359.00</td>
</tr>
</tbody>
</table>

Demister not attached to mirror; supplied as two separate components.

Clear Float Glass Mirror

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Size (mm)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCLFL03</td>
<td>750 x 900</td>
<td>180.91</td>
<td>199.00</td>
</tr>
</tbody>
</table>

Clear Float Glass Mirror with Demister

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Mirror Size (mm)</th>
<th>Output (W)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCLFL03D</td>
<td>750 x 900</td>
<td>46</td>
<td>241.82</td>
<td>266.00</td>
</tr>
</tbody>
</table>

Demister not attached to mirror; supplied as two separate components.

For more information on Thermomirror Mirror Demisters view pages 164-165.
## Contractor Float Glass Mirrors

### Frosted Float Glass Mirror

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Size (mm)</th>
<th>RRP $ Excl</th>
<th>RRP $ Incl</th>
</tr>
</thead>
<tbody>
<tr>
<td>BDIGBY03</td>
<td>750 x 900</td>
<td>180.91</td>
<td>199.00</td>
</tr>
</tbody>
</table>

### Frosted Float Glass Mirror with Demister

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Mirror Size (mm)</th>
<th>Output (W)</th>
<th>RRP $ Excl</th>
<th>RRP $ Incl</th>
</tr>
</thead>
<tbody>
<tr>
<td>BDIGBY03D</td>
<td>750 x 900</td>
<td>46</td>
<td>241.82</td>
<td>266.00</td>
</tr>
</tbody>
</table>

Demister not attached to mirror; supplied as two separate components.

### Grey Float Glass Mirror

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Size (mm)</th>
<th>RRP $ Excl</th>
<th>RRP $ Incl</th>
</tr>
</thead>
<tbody>
<tr>
<td>BGLFL03</td>
<td>750 x 900</td>
<td>180.91</td>
<td>199.00</td>
</tr>
</tbody>
</table>

### Grey Float Glass Mirror with Demister

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Mirror Size (mm)</th>
<th>Output (W)</th>
<th>RRP $ Excl</th>
<th>RRP $ Incl</th>
</tr>
</thead>
<tbody>
<tr>
<td>BGLFL03D</td>
<td>750 x 900</td>
<td>46</td>
<td>241.82</td>
<td>266.00</td>
</tr>
</tbody>
</table>

Demister not attached to mirror; supplied as two separate components.

For more information on Thermomirror Mirror Demisters view pages 164-165.
Thermomirror EZ Demister Pads

Thermomirror is a must for every bathroom. The ultra-thin demister pad provides a clear and condensation free mirror in any bathroom and is available in a range of practical sizes.

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Description</th>
<th>Size L x W (mm)</th>
<th>Heat Output (W)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>5323</td>
<td>Square</td>
<td>400 x 400</td>
<td>26</td>
<td>77.27</td>
<td>85.00</td>
</tr>
<tr>
<td>5324</td>
<td>Square</td>
<td>500 x 500</td>
<td>43</td>
<td>90.00</td>
<td>99.00</td>
</tr>
<tr>
<td>5325</td>
<td>Rectangular</td>
<td>400 x 600</td>
<td>46</td>
<td>85.45</td>
<td>94.00</td>
</tr>
<tr>
<td>5326</td>
<td>Rectangular</td>
<td>600 x 800</td>
<td>96</td>
<td>153.64</td>
<td>169.00</td>
</tr>
<tr>
<td>5328</td>
<td>Rectangular</td>
<td>1000 x 750</td>
<td>136</td>
<td>217.27</td>
<td>239.00</td>
</tr>
<tr>
<td>5330</td>
<td>Rectangular</td>
<td>1000 x 1300</td>
<td>242</td>
<td>444.55</td>
<td>489.00</td>
</tr>
<tr>
<td>5321</td>
<td>Rectangular</td>
<td>180 x 340</td>
<td>8</td>
<td>53.64</td>
<td>59.00</td>
</tr>
<tr>
<td>5331</td>
<td>Rectangular</td>
<td>300 x 500</td>
<td>24</td>
<td>74.55</td>
<td>82.00</td>
</tr>
<tr>
<td>5334</td>
<td>Rectangular</td>
<td>300 x 400</td>
<td>19</td>
<td>65.45</td>
<td>72.00</td>
</tr>
<tr>
<td>5332</td>
<td>Oval</td>
<td>400 x 600</td>
<td>36</td>
<td>95.45</td>
<td>105.00</td>
</tr>
<tr>
<td>5322</td>
<td>Round</td>
<td>780 ø</td>
<td>99</td>
<td>180.91</td>
<td>199.00</td>
</tr>
</tbody>
</table>

Installation Accessories

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Description</th>
<th>Size (mm)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>5264</td>
<td>PIR Movement Sensor</td>
<td>76Ø</td>
<td>117.27</td>
<td>129.00</td>
</tr>
<tr>
<td>5320</td>
<td>Mirror Adhesive</td>
<td>300ml</td>
<td>29.09</td>
<td>32.00</td>
</tr>
<tr>
<td>5006</td>
<td>6mm Coated Insulation Board</td>
<td>1200 x 600</td>
<td>35.45</td>
<td>39.00</td>
</tr>
</tbody>
</table>

Placing an insulation board behind your mirror demister will help improve the efficiency and effectiveness of the demister. Boards can simply be cut to size on site.
Upgrade a standard bathroom mirror by installing a Thermomirror PRO demister pad. A heated mirror ensures steam free mirrors even after a hot bath or shower. If your Thermomirror PRO demister is too long, the length can be trimmed on site to better fit the chosen mirror, this is unique to Thermomirror PRO.

### Thermomirror PRO Demister Pads

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Description</th>
<th>Size L x W (mm)</th>
<th>Heat Output (W)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>5301</td>
<td>Thermomirror PRO</td>
<td>500 x 500</td>
<td>38</td>
<td>180.91</td>
<td>199.00</td>
</tr>
<tr>
<td>5303</td>
<td>Thermomirror PRO</td>
<td>1000 x 500</td>
<td>75</td>
<td>235.45</td>
<td>259.00</td>
</tr>
</tbody>
</table>

### Installation Accessories

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Description</th>
<th>Size (mm)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>5264</td>
<td>PIR Movement Sensor</td>
<td>76Ø</td>
<td>117.27</td>
<td>129.00</td>
</tr>
<tr>
<td>5320</td>
<td>Mirror Adhesive</td>
<td>300ml</td>
<td>29.09</td>
<td>32.00</td>
</tr>
<tr>
<td>5006</td>
<td>6mm Coated Insulation Board</td>
<td>1200 x 600</td>
<td>35.45</td>
<td>39.00</td>
</tr>
</tbody>
</table>
Prevent the fogginess on your shower niche mirrors!
Get the complete package!

Thermomirror 12V Demister Pads

Designed as a low voltage demister pad, these demisters can go in your shower niche, warming the back of the mirror, therefore preventing it from fogging up.

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Description</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>5312</td>
<td>300 x 300mm 12Volt Demister Pad and Transformer (14Watt Output)</td>
<td>104.55</td>
<td>115.00</td>
</tr>
<tr>
<td>5312P</td>
<td>Shower Niche Package - Mirror, 12Volt Demister Pad, Transformer, Insulation Board &amp; Adhesive</td>
<td>290.00</td>
<td>319.00</td>
</tr>
</tbody>
</table>

5 Year warranty on 12V Demister | 3 Year warranty on Mirror | 12 Months warranty on transformer.
Model Shown: Round Tyler Series
Ablaze Signature range mirrors are made from copper free Guardian mirror and are processed in Australia. The Ablaze Signature Range mirrors are treated with a mirror edge seal for added protection.

These Mirrors are supplied as standard with Glue-to-Wall fixing; alternate fixing methods are available on request.

All Signature Range mirrors can be custom made to suit your sizing requirements (Please note maximum sizes apply, contact us for more details).

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Size (mm)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>RTYL40</td>
<td>400 ø</td>
<td>271.82</td>
<td>299.00</td>
</tr>
<tr>
<td>RTYL60</td>
<td>600 ø</td>
<td>335.45</td>
<td>369.00</td>
</tr>
<tr>
<td>RTYL70</td>
<td>700 ø</td>
<td>362.73</td>
<td>399.00</td>
</tr>
<tr>
<td>RTYL80</td>
<td>800 ø</td>
<td>426.36</td>
<td>469.00</td>
</tr>
<tr>
<td>RTYL90</td>
<td>900 ø</td>
<td>453.64</td>
<td>499.00</td>
</tr>
</tbody>
</table>

Round Tyler Series - 6mm Mirror with Polished Edge

Demister not attached to mirror; supplied as two separate components.

For more information on Thermomirror Mirror Demisters view pages 164-165.
Signature Mirrors

Tyler Series - 6mm Mirror with Polished Edge

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Size (mm)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>TYLS08</td>
<td>600 x 600</td>
<td>302.73</td>
<td>333.00</td>
</tr>
<tr>
<td>TYLS01</td>
<td>600 x 750</td>
<td>326.36</td>
<td>359.00</td>
</tr>
<tr>
<td>TYLS02</td>
<td>750 x 750</td>
<td>399.09</td>
<td>395.00</td>
</tr>
<tr>
<td>TYLS03</td>
<td>900 x 750</td>
<td>404.55</td>
<td>445.00</td>
</tr>
<tr>
<td>TYLS05</td>
<td>1200 x 750</td>
<td>453.64</td>
<td>499.00</td>
</tr>
<tr>
<td>TYLS06</td>
<td>1500 x 750</td>
<td>520.91</td>
<td>573.00</td>
</tr>
</tbody>
</table>

Tyler Series - 6mm Mirror with Polished Edge and Demister

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Mirror Size (mm)</th>
<th>Output (W)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>TYLS08D</td>
<td>600 x 600</td>
<td>26</td>
<td>339.09</td>
<td>373.00</td>
</tr>
<tr>
<td>TYLS01D</td>
<td>600 x 750</td>
<td>26</td>
<td>371.82</td>
<td>409.00</td>
</tr>
<tr>
<td>TYLS02D</td>
<td>750 x 750</td>
<td>43</td>
<td>440.91</td>
<td>485.00</td>
</tr>
<tr>
<td>TYLS03D</td>
<td>900 x 750</td>
<td>46</td>
<td>468.18</td>
<td>515.00</td>
</tr>
<tr>
<td>TYLS05D</td>
<td>1200 x 750</td>
<td>96</td>
<td>562.73</td>
<td>619.00</td>
</tr>
<tr>
<td>TYLS06D</td>
<td>1500 x 750</td>
<td>96</td>
<td>659.09</td>
<td>725.00</td>
</tr>
</tbody>
</table>

Demister not attached to mirror; supplied as two separate components.

Susan Series - 6mm Mirror with 25mm Bevel Edge

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Size (mm)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>S01</td>
<td>600 x 750</td>
<td>453.64</td>
<td>499.00</td>
</tr>
<tr>
<td>S08</td>
<td>600 x 900</td>
<td>508.18</td>
<td>559.00</td>
</tr>
<tr>
<td>S02</td>
<td>750 x 750</td>
<td>517.27</td>
<td>569.00</td>
</tr>
<tr>
<td>S03</td>
<td>900 x 750</td>
<td>544.55</td>
<td>599.00</td>
</tr>
<tr>
<td>S05</td>
<td>1200 x 750</td>
<td>626.36</td>
<td>689.00</td>
</tr>
<tr>
<td>S06</td>
<td>1500 x 750</td>
<td>671.82</td>
<td>739.00</td>
</tr>
</tbody>
</table>

Susan Series - 6mm Mirror with 25mm Bevel Edge and Demister

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Mirror Size (mm)</th>
<th>Output (W)</th>
<th>RRP $ Excl.</th>
<th>RRP $ Incl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>S01D</td>
<td>600 x 750</td>
<td>26</td>
<td>517.27</td>
<td>569.00</td>
</tr>
<tr>
<td>S08D</td>
<td>600 x 900</td>
<td>46</td>
<td>586.36</td>
<td>645.00</td>
</tr>
<tr>
<td>S02D</td>
<td>750 x 750</td>
<td>43</td>
<td>599.09</td>
<td>659.00</td>
</tr>
<tr>
<td>S03D</td>
<td>900 x 750</td>
<td>46</td>
<td>635.45</td>
<td>699.00</td>
</tr>
<tr>
<td>S05D</td>
<td>1200 x 750</td>
<td>96</td>
<td>771.82</td>
<td>849.00</td>
</tr>
<tr>
<td>S06D</td>
<td>1500 x 750</td>
<td>96</td>
<td>795.45</td>
<td>875.00</td>
</tr>
</tbody>
</table>

Demister not attached to mirror; supplied as two separate components.
Ablaze Mirrors FAQs

We have put together a range of answers to the most frequently asked questions about our Ablaze Mirror range.
If you have a question that isn’t answered here please give us a call.

What is best for cleaning mirrors?
For best results clean mirrors with methylated spirits and water at a rate of 30% methylated spirits and 70% water. Do not use Windex or similar chemical cleaning products. Avoid getting water on the sides or back of the mirror as damage to the silver backing can occur. In coastal areas it is recommended to wipe around the edge of the mirror once a month to avoid salt build up that can cause silver creep.

Can I use a back-lit mirror as the only light in my room?
This depends on the size of the mirror and the size of the bathroom. In most situations, normal overhead lighting should be available in addition to the back-lit mirror.

How is the mirror controlled / operated?
The Contractor back-lit mirrors and the Ablaze magnifying mirrors have a switch on the unit. The premium range of back-lit mirrors do not include a switch on the unit. They are designed to be hard wired into a simple switch, a programmable timer pages 118-119 or a motion sensor on page 165.

What is the difference between Cool and Warm light?
Warm lights emit more of a yellowish colour that produces a warm and welcoming atmosphere designed to mimic natural sunlight. Cool lights emit a brighter, white artificial light for a cleaner feel and makes the mirror more functional.

What does it cost to run my Back-lit mirror?
The LEDs on the back-lit range consume minimal energy and running costs are almost negligible. For example, an average sized mirror (ie.S900C) will cost only one cent per hour to run. (Based on $0.30 kw/h energy tariff).

How do I select the correct Thermomirror size?
When selecting a demister, you need to ensure that it is smaller than the size of your mirror. In a glue-to-wall application it is important there is a minimum of 100mm all around the demister to allow for adhesion between the mirror and the wall. In a screw-to-wall application, the demister needs to be small enough to ensure that it is out of the way of the screws or mounting brackets. Remember the demister only needs to be where you mainly look and the heat will spread slightly.

How do I operate my demister?
The demister can be connected to the lighting circuit in your bathroom so it operates when your lights are on. Alternatively, it can be connected to a movement sensor located in the bathroom which can also be connected to your lights. See page 165.

Do you do custom size mirrors?
The signature range can be custom sized, all other mirrors are only available in the sizes indicated. We are able to manufacture custom sized mirrors for projects but minimum quantities apply. Lead times do apply to all custom sized mirror orders.