

# Installation Guide & Technical Specifications



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# Installation Guide

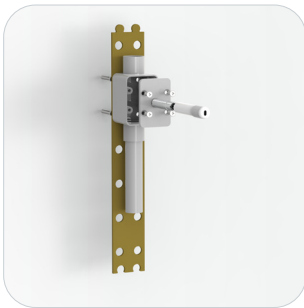
## Grab Heated Rail - 24V

PLEASE FOLLOW THIS INSTALLATION GUIDE CLOSELY - Failure to do so could void the warranty - This installation procedure has been carefully designed and works very well However, it may be different to other products and your own experience. The supplied fixings are specially designed for this product - please do not substitute them!

### COMMON ISSUES TO BE AVOIDED

- Install the twin multi strand wire (supplied with In-Wall Kit) - **do not use thicker wire**
- Install a separate wire for each rail back to the transformer - **do not daisy chain**
- The supplied low voltage wire is 2.5 meters, however this can be extended - **5 meters Max**
- The transformer must be installed in a **ventilated accessible location**
- Avoid installing on grout lines - this is the weakest point of the tile

In-Wall Kit  
TRCF-S



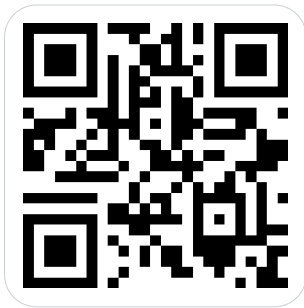
Transformer  
TRTR100-24V






Heated Towel  
Rail




Video  
Installation Guide




### SPECIFICATIONS

<b>Voltage</b> 24 Volts AC or DC (No Polarity)	<b>Standards</b> EN/AS/NZ 60335.2.43	<b>AUSTRALIAN MANUFACTURER</b> 
<b>Material</b> Stainless Steel 304	<b>Electrical Connection</b> Concealed Wiring	<b>HEATING TIME 30 MINUTES</b> 
<b>Finish</b> Polished, Brushed, PVD, Paint	<b>Heating Method</b> Dry Internal Heating Element	<b>WARRANTY 10 YEAR</b> 
<b>Ingress Protection</b> IPX5 (Suitable for wet areas)	<b>Required / Sold Separately</b> In-Wall Kit (TRCF-S) - per rail	



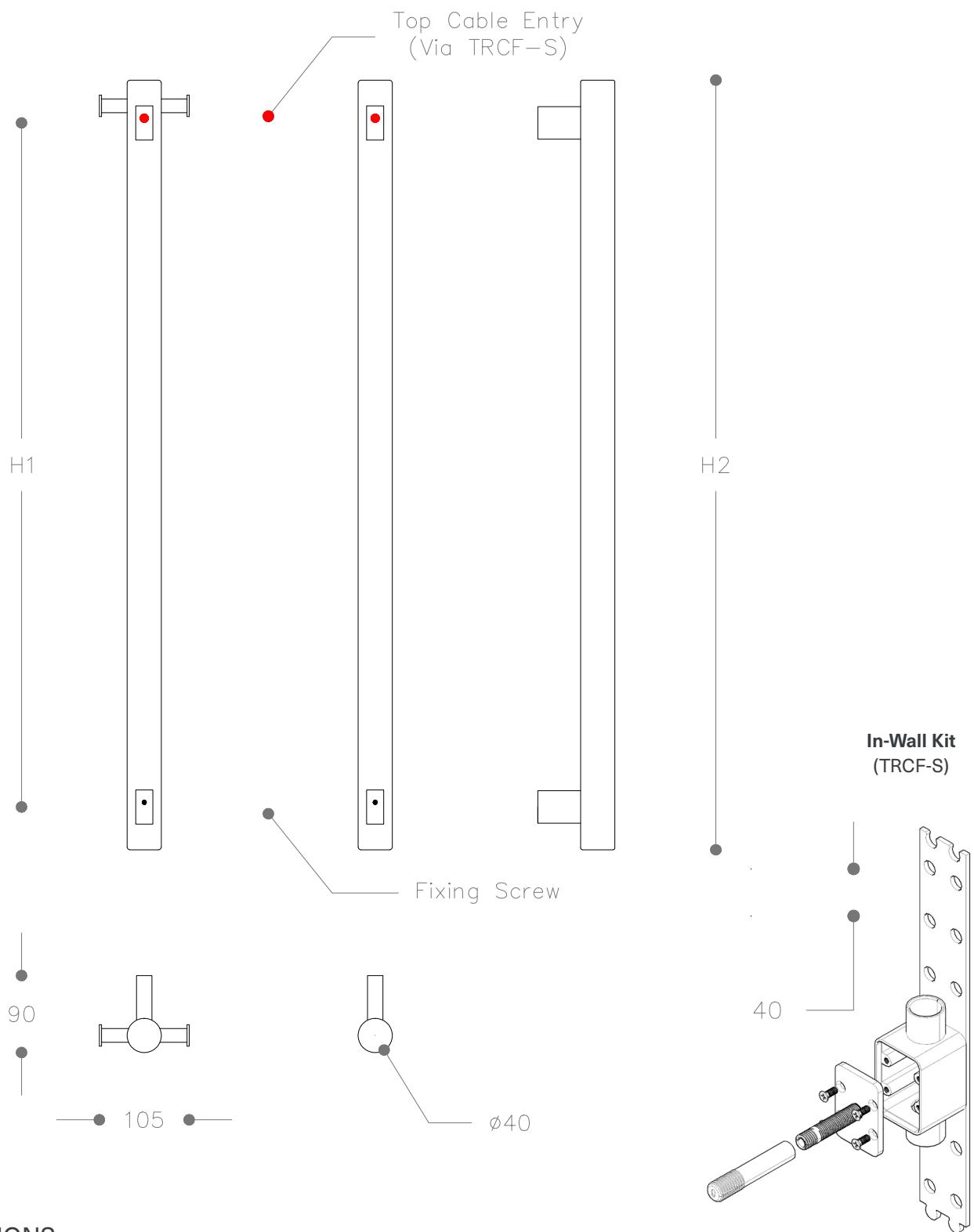
A licensed electrician is required to carry out the installation of Heated Towel Rails using the Concealed Wiring System (In-Wall Kit).



A timer should be fitted to control the mains supply to the transformer, in order to prolong the life of the heating elements, transformer and save energy.

### WARRANTY

The warranty covers products against defective materials and workmanship for a period of 10 years from the date of purchase. Transformers are warranted for 5 years and labour is covered for the first 12 months only. Please note this warranty does not cover installation issues - if you are having difficulties with installation we are happy to assist. For technical support please contact [service@avenir.com.au](mailto:service@avenir.com.au)



VARIATIONS

Heated Rail	Width	H1 (Fixings)	H2 (Overall)
TRH6-90	40mm	800mm	900mm
TRH6RH-90	105mm	800mm	900mm
TRH6-115	40mm	950mm	1150mm
TRH6RH-115	105mm	950mm	1150mm

**NOTE:** Transformer (24V) and In-Wall Kits (1 per rail) required and sold separately

Recomended Spacing

160-400mm  
Typical 300mm  
(40mm Increments)

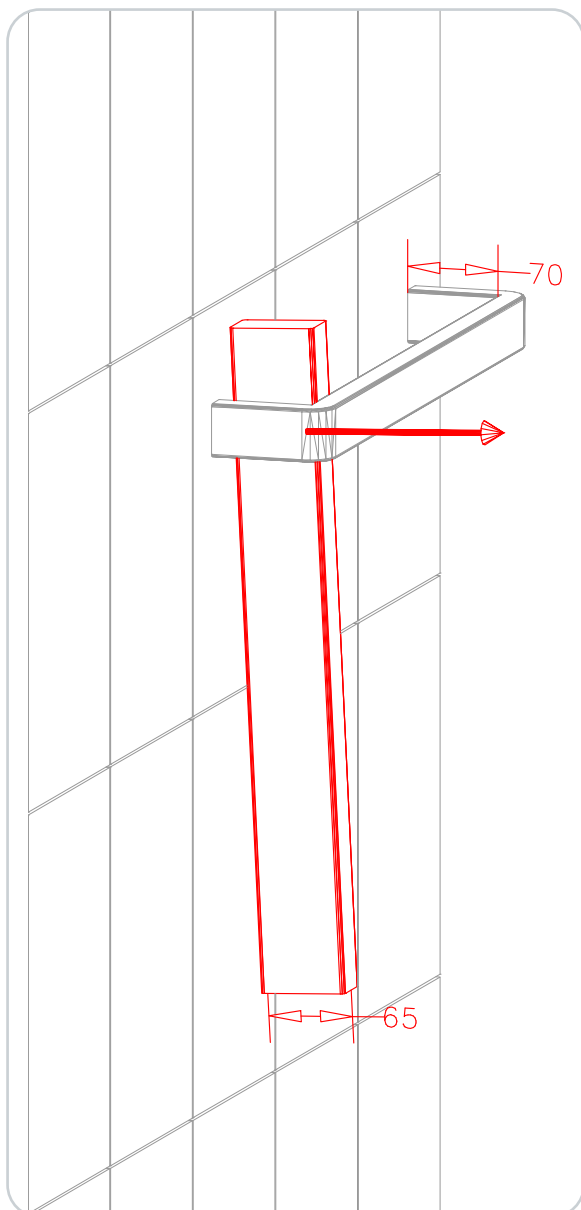
1-3 Rails recomend per  
Bathroom

## Click-On Rail Removal Guide

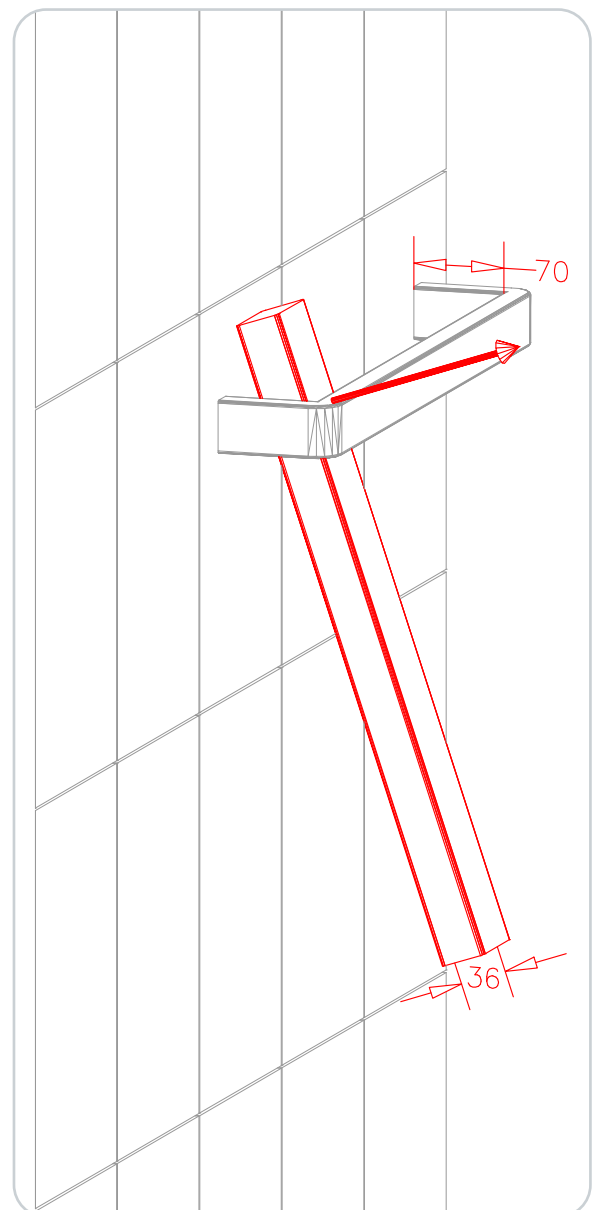
### REMOVAL PROCEDURE

- The rail uses a Click-On system to attach onto the wall mounting components (no grub screws).
- To remove (un-click), use a suitable piece of timber (similar in dimensions to the space behind the rail), to lever the rail off the wall.
- Gently lever the rail on one side and then the other just enough to un-click the fixing (5-10mm).
- Remove rail from wall - The electrical connection will unplug automatically.

### CORRECT



### INCORRECT



**Note:** It is very important that the rails are very securely fixed to the wall in order to allow the rails to be removed if needed.