

# Installation Guide

## Single Heated Towel Rails

### OVERVIEW

Installing Single Heated Rails is done in 2 separate stages. The In-Wall Kit is first installed below the wall surface during wall construction. The In-kit is 900mm in length and must be installed vertically on either the left or the right side of the rails. It can be cut to length or into 2 pieces for split installation locations. After rendering / tiling / painting, the heated rails are connected and installed.

To ensure safety for young children, the bottom rail is at least 600mm from the floor.

### IN-WALL KIT

#### Assemble the In-Wall Kit as follows:

- Insert the aluminium threaded spigots into the spacing template (max 5 per In-Wall Kit)
- Feed red and black wires in parallel to all installed spigots
- Slide the aluminium C-channel over the spigots
- Install the assembled In-Wall Kit below the wall surface (wall lining or render).
- Install the transformer in a serviceable and ventilated location - usually this is in the ceiling space above.
- Connect 240V switched supply to the primary of the transformer
- Tile / render over such that at least 10mm of thread protrudes.

#### **THIS PRODUCT IS DESIGNED TO HEAT OPTIMALLY WITH THE SUPPLIED 2 METER WIRE**

It is not recommended to extend or shorten this wire - if you have to extend the wires then increase the wire gauge

### SINGLE HEATED RAILS


#### Install the heated rails as follows:


- Using the supplied double sided tape, stick the drilling templates on the wall by locating the large hole over the protruding spigots
- Using the drilling template as a guide, drill holes in the wall surface (remove templates after)
- Using the supplied plugs screws and washers fit the wall mounting components
- Screw wall mounting components to each spigots

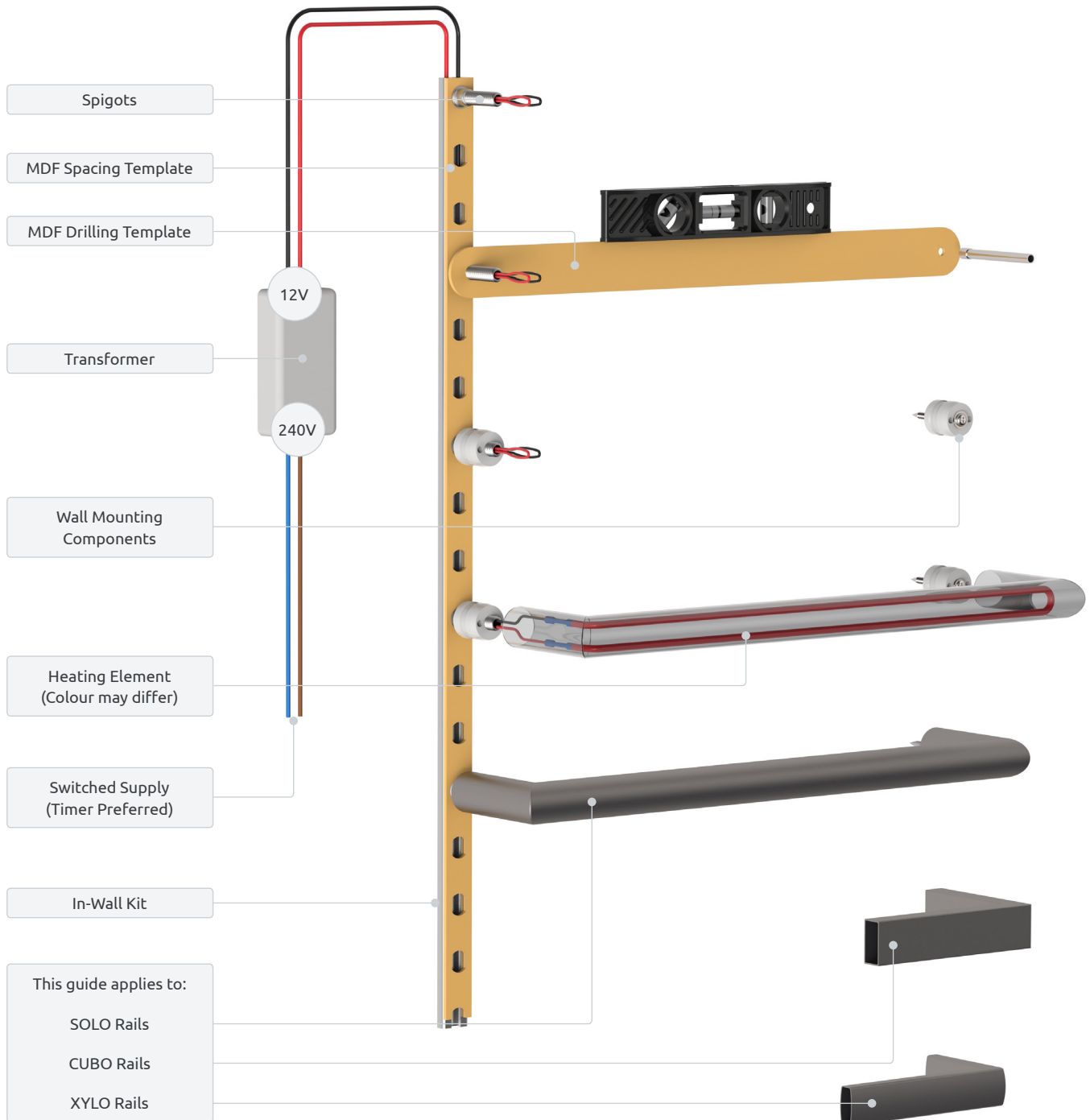
#### Connect and install heated rails

- Using the supplied bullet crimps, connect the element wires to the red and black supply wire from the spigots
- Feed the looped end of the element wires into the rails
- Fit the rails onto the mounting components
- Test - heating takes 30 minutes to reach full temperature.

**Note:** Non thermostatically controlled heated towel rails only heat to optimal temperature when covered with a towel.

 A licensed electrician is required to carry out the installation of Heated Towel Ladders using the Concealed Wiring System.

 For prolonged element life and energy conservation, Heated Towel Ladders should be connected to a timer (not included), set to 25% usage or less.



## WARRANTY

Avenir warrants all our products (including heating elements & transformers) against defective materials or workmanship for a period of ten (10) years from the date of purchase. Installation labour is covered for the first 12 Months. Please note this warranty does not cover installation issues - if you are having difficulties installing this product, we are happy to assist telephonically but we do not come to site.