

INSTALLATION INSTRUCTIONS: VERTICAL SINGLE BARS

PLEASE READ THROUGH THESE INSTRUCTIONS BEFORE INSTALLATION

The towel rail is designed for drying towels and is intended for use in residential and hotel bathrooms. The towel rail must be installed in accordance with local wiring regulations and it is recommended that it is installed at least 300mm above floor level.

Electrical

- This product must be installed by a licensed electrician
- The 12v transformer must be positioned in a dry, accessible location
- The distance from the towel rail to the transformer must be less than 3m
- A means for disconnection must be incorporated into the fixed wiring in accordance with AZ/NZS 3000:2000
- The waterproof wirenut connectors provide an IPX7 rating
- The towel rail can be installed in wet area zones 1, 2 and 3 as specified in AZ/NZS 3000:2000

Wall preparation

Radiant towel rails can be fixed to any type of wall, timber stud or masonry. Stud walls require timber noggins at the correct position for the fixing bracket. Fixing to plasterboard or cement sheeting alone would require special fixings with a high load rating.

Pre wiring

Vertical rails should ideally be wired at the top.

Figure 1

Stud walls - The fixing bracket should be attached to the noggins, ensuring that it is perfectly horizontal and in the correct position for attaching the single vertical bar towel rails. Once the spacing of the towel rails has been determined (we recommend 200mm centre to centre) screw the threaded tubes into the bracket at the desired positions. When the gyprock or sheeting is applied to the stud wall, corresponding holes should be drilled to allow the threaded tube to protrude through approximately 15mm beyond the finished wall surface (if the wall is being tiled, make allowance for the thickness of the tiles).

Figure 1

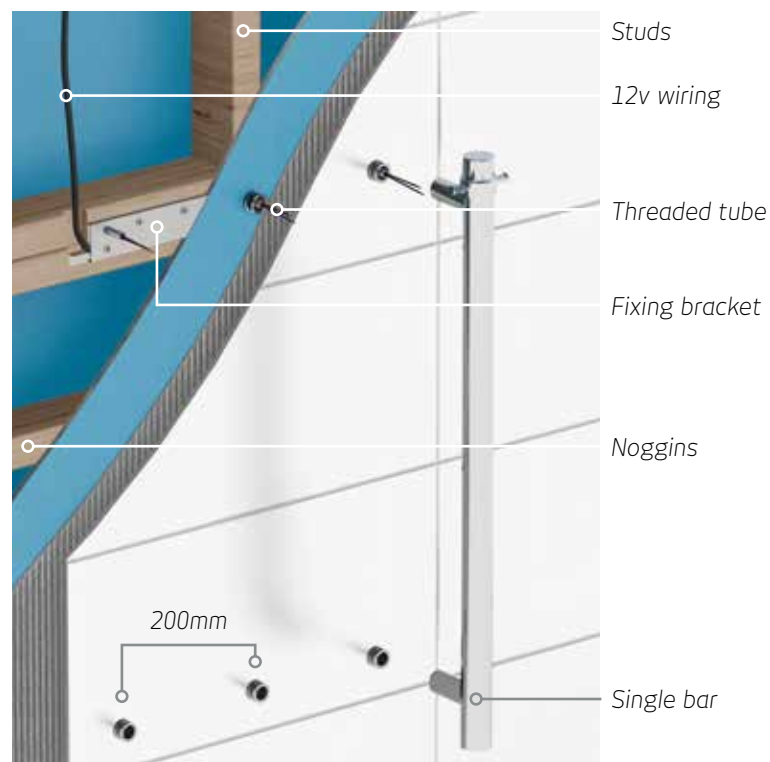


Figure 2

Masonry walls - Mark the position of each of the rails horizontally across the wall. We recommend that rails should be positioned at 200mm centre to centre. Install the fixing bar horizontally using the fixing screws. Then using an angle grinder and masonry cutting disc you will need to create a 20mm vertical deep slot above each. Install a conduit into each slot (figure 3). Drill and plug the fixing holes and attach the bracket to the wall. **THE BRACKET MUST BE PERFECTLY HORIZONTAL AND THE THREADED TUBES MUST BE AT A 90° ANGLE TO THE WALL.** The threaded tubes should protrude approximately 15mm from the **FINISHED** wall surface. Run the wiring through each threaded tube, into the conduit and to the transformer (figure 4).

Note: If wall is to be tiled add thickness of the tiles and glue to how far threaded tubes protrude through wall

Figure 2



Figure 3

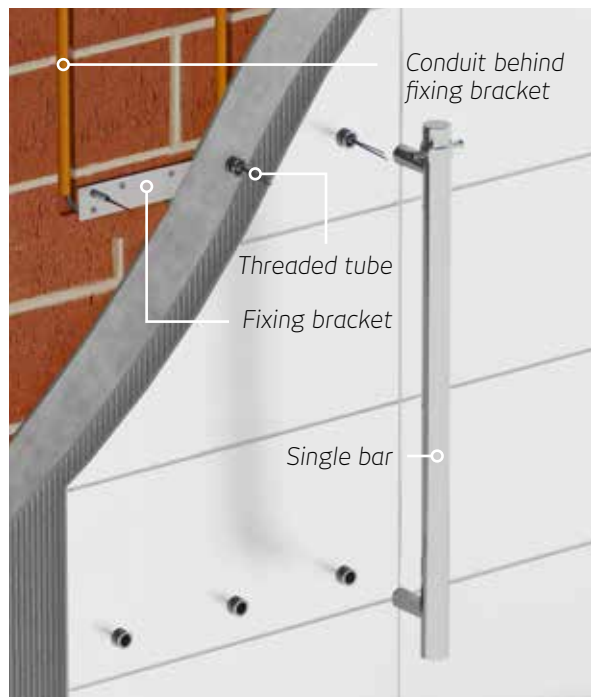
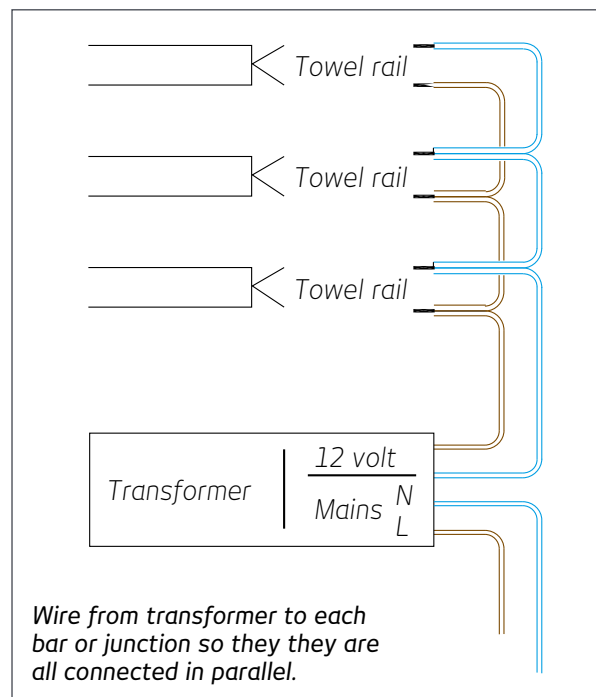


Figure 4

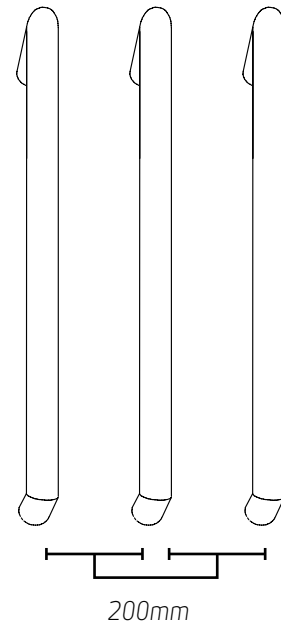


Timer / switch connection

The towel rails must be wired via an isolating switch or timer. The switch or timer should be wired between the transformer and the 240v supply. Positioning of the switch or timer should be made in accordance with AS/NZS 3000:2000. The TS8100 and GTS Series timers are suitable for use with the vertical rails.

Configuration options

The supplied fixing bracket allows for a range of positioning options. With the Vertical rails the recommended spacing is 200mm centre to centre.



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