

Floor Mount (All Models)

Installation instructions

Please read these instructions carefully. DC SHORT LTD cannot be held responsible if the installation and use of the towel rail is not carried out in accordance with the instructions given below or for materials not supplied by DC SHORT LTD.

SAFETY

The towel rail is not intended for use by young children or infirm persons without supervision. Young children should be supervised to ensure that they do not play with the appliance. The towel rail has been designed to withstand the loads expected during normal operation as a towel rail. The towel rail is not a grab rail and should not be used as such.

ELECTRICAL

The towel rail must be wired by a registered electrician. An isolating switch must be positioned near the towel rail. A wall or ceiling cavity must be available to conceal the 12 Volt transformer. All of the rails must be connected to the transformer in PARALLEL. See wiring diagram Fig 5.0

CARE & CLEANING

Do not use cream cleansers. Do not use spray on detergents. Use a soft cloth and warm soapy water or a silicone based household wax/polish such as SC Johnson 'Pledge' for general polishing and cleaning of the appliance. Fine scratching can be removed using the correct metal polish. Recommended brands are 'Autosol' and 'Brasso Paste', both available in tubes from supermarkets and car care outlets.

SPECIFICATION

Voltage	12V AC, IPX4
Power	70W
Size	900 x 900mm
Depth	50mm

WARNING

FIXING INTO THE FLOOR IN A WET AREA CAN COMPROMISE WATERPROOF MEMBRANES. IF YOU ARE CONSIDERING FIXING THROUGH A WATERPROOF MEMBRANE, LIASON WITH THE MEMBRANE INSTALLER IS ESSENTIAL. IT SHOULD BE NOTED THAT THERE MAY BE A NUMBER OF ITEMS IN A BATHROOM THAT MAY BE FIXED TO THE FLOOR, EG TOILET PAN

INSTALLATION

- Typical wiring for 3 scenarios is shown. Installation in structures other than those shown is possible, provided similar principles are followed. Please refer to the website www.dcsshort.com for other installation instructions or contact DC Short Ltd for technical advice if your construction falls outside this general description.
- The transformer must be accessible.
- The distance from the transformer to the rail should not exceed 2 metres.
- Insulation should be removed from the vicinity of the transformer to a radius of 150mm.
- It is recommended that the mains voltage supply to the transformer is controlled from a separate switch mechanism at the bathroom light switch plate.

INSTALLATION NOTES CONTINUED OVER PAGE...

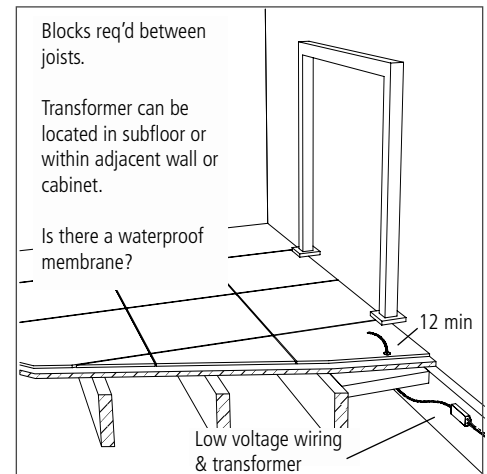


Fig 1.0 Timber floor

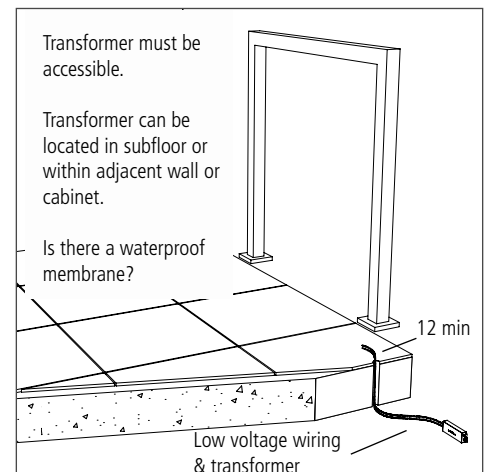


Fig 2.0 Slab floor, drill through

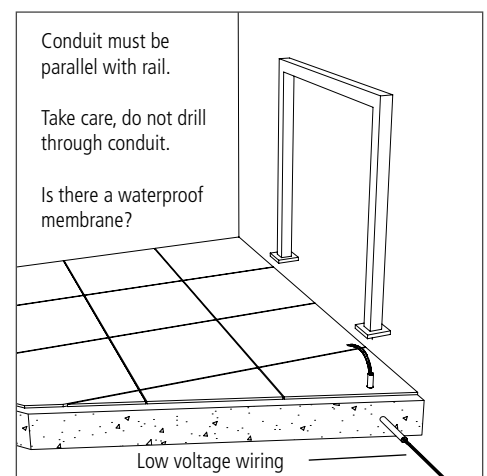


Fig 3.0 Slab floor, embed conduit

Installation instructions

INSTALLATION CONTINUED...

TIMBER FLOORS

- The towel rail must be fixed into timber structure below the flooring.
- Fixing into the strip flooring alone will not give sufficient strength.
- Drill a cable hole minimum 12mm diameter.
- The transformer can be located in an accessible subfloor, wall cavity or cabinet.
- The transformer should be no further than 2 metres from the towel rail.

CONCRETE SLAB FLOOR

- Drill a cable hole minimum 12mm diameter directly through the slab to the subfloor or ceiling below.
- The transformer can be located in an accessible subfloor, wall cavity or cabinet.
- The transformer should be no further than 2 metres from the towel rail.

CONCRETE SLAB FLOOR, EMBEDDED CONDUIT

- Embed or trench a 20mm PVC electrical conduit into the slab to accommodate the low voltage wiring.
- A 50mm riser is shown but is not necessary unless required as part of a waterproofing detail.
- The transformer can be located in an adjacent wall cavity or cabinet.
- The transformer should be no further than 2 metres from the towel rail.

FIXING AFTER TILING

- Using the towel rail as a guide, mark the positions of the fixing screws.
- For CONCRETE floors use the RAWL plugs provided, drill 8mm dia holes to a depth of 75mm.
- For TIMBER floors, **drill 8mm dia holes through tiling only!**
- A pilot hole of 4mm dia should be drilled into the timber structure.
- Connect the low voltage wiring to the towel rail element using the wire nuts provided.
- **DO NOT PULL THE WIRE OUT OF THE TOWEL RAIL. THIS WIRE IS CONNECTED TO THE INTERNAL HEATING CABLE, PULLING OUT THE WIRE WILL EXTRACT THE HEATED SEGMENT AS WELL.**
- **APPLY A BEAD OF NEUTRAL CURE SILICONE SEALANT TO THE FLOOR. SEE FIG 4.0**
- Fix the towel rail to the floor using the hex head stainless steel screws provided.
- Slide the cover plates down into position.

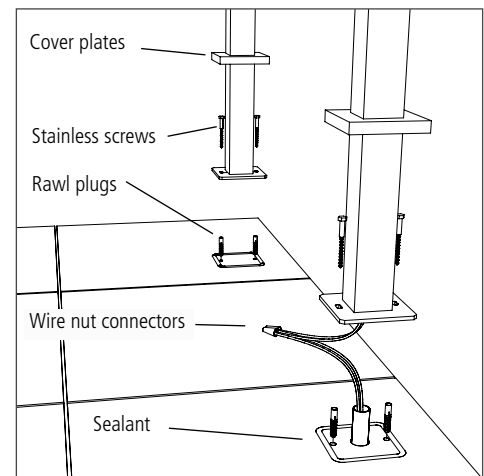


Fig 4.0

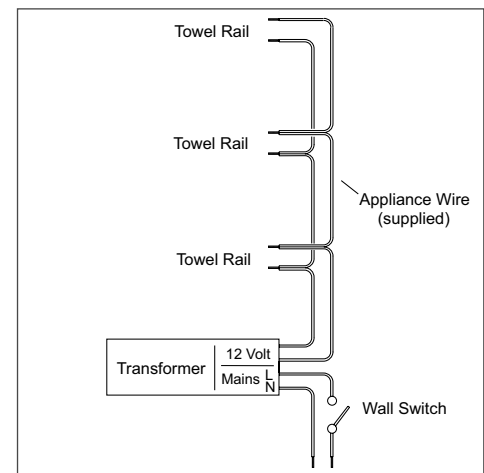


Fig 5.0

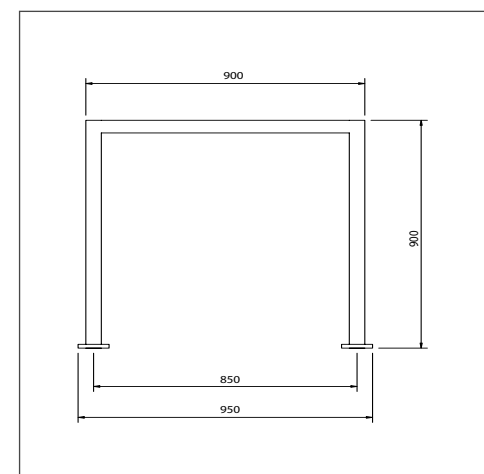


Fig 6.0

Warranty

DC Short Ltd warrants the purchaser against defects in workmanship and material for a period of twenty four (24) months from the date of original purchase. Purchase receipts for this product are to be retained as proof of purchase and must be presented if making a claim under the terms of the DC Short Ltd warranty. DC Short Ltd reserves the right to repair or replace the appliance within the warranty period. This warranty does not extend to accessories or defects or injuries caused by or resulting from causes not attributable to faulty parts or the manufacture of the product, including but not limited to, defect or injury caused by or resulting from misuse, abuse, neglect, accidental damage, improper voltage, liquid spillage, vermin infestation, software, or any alterations made to the product which are not authorized by DC Short Ltd. In Australia, this warranty is in addition to the conditions and guarantees which are mandatory as implied by the Trade Practices Act 1974 and State and Territory legislation.