Hawthorn Hill

Luxury Detailing

ELECTRIC TOWEL WARMERS
INSTALLER'S GUIDE

GUIDE TO PURCHASING AND INSTALLING HAWTHORN HILL ELECTRIC TOWEL WARMERS

Hawthorn Hill towel warmers are designed for drying towels and small items of clothing. While they are not intended to be room heaters, they can contribute to the warming of bathrooms and laundries.

They are made from 32mm brass tube and available in the following finishes. Polished Brass (BR), Brushed or Satin Brass (SB), Polished Chrome (CP), Polished Nickel (NI), Brushed or Satin Nickel (PF), Gold Plating (IG), Aged Brass (AB), Bronze (BZ) which is a dark brown, and Gunmetal (GM) which is nearly black.

SPECIFYING 240V OR 12V HEATING ELEMENTS

Hawthorn Hill electrically heated towel warmers are supplied complete and ready to install. They contain an electrical heating cable to provide an even heat over the full surface area. The standard position for the element cable is through the rear of the wall bracket in the top right corner. The option of the electrical cable coming through the rear of other brackets is available by specifying this at the time of ordering. All models are available with either 240V or 12V elements. Please discuss this aspect with your Electrician to ensure the correct version is purchased to suit the location of the towel warmer in your bathroom.

The 240V versions are supplied with a six metre (6m) long electrical cable. The 12V versions are supplied with a three metre long cable and with a 12V transformer. This transformer measures 232x40x28mm and is located in an accessible position by the installer.

Hawthorn Hill towel warmers have an IP55 rating. An example of the element wattage of a commonly used model is the 675 x 675mm which is as follows: 240V 50Hz 72w and 12V 50Hz 53w.

PREPARATION FOR INSTALLATION

Prior to the wall linings being fitted, the Builder needs to ensure there is solid material behind each corner of the towel warmer for secure fixing of each wall bracket. The Electrician needs to run an electrical conduit (PVC pipe) within the wall to run the cable to the switch for the towel warmer. This switch may be located in an adjoining room. A draw-wire is left within the conduit so that when the towel warmer is eventually fitted, the Electrician can pull the element cable through the conduit and connect it to the electrical supply in the switch.

WARNING:

STANDARD AS/NZS 60335.2.43:2018 REQUIRES THE INSTALLATION INSTRUCTIONS FOR FIXED TOWEL WARMERS TO INCLUDE THE FOLLOWING WARNING: **IN ORDER TO AVOID A HAZARD FOR VERY YOUNG CHILDREN, THIS APPLIANCE SHOULD BE INSTALLED SO THAT THE LOWEST HEATED RAIL IS AT LEAST 600MM ABOVE THE FLOOR.**

THIS APPLIANCE IS NOT INTENDED FOR USE BY YOUNG CHILDREN OR INFIRM PERSONS UNLESS THEY HAVE BEEN ADEQUATELY SUPERVISED BY A RESPONSIBLE PERSON TO ENSURE THAT THEY CAN USE THE APPLIANCE SAFETY. YOUNG CHILDREN SHOULD BE SUPERVISED TO ENSURE THAT THEY DO NOT PLAY ON THE APPLIANCE.

INSTALLATION

STEP 1: INSPECT THE TOWEL WARMER

Unpack the towel warmer carefully and remove it from its box. Remove the packaging from the towel warmer and ensure it is the model, size and heating element version (240V or 12V) you require for this installation. Check the towel warmer for any sign of damage. If it is not the correct towel warmer or there is any sign of damage, do not install it but re-fit the packaging and return it to the box. Then immediately contact the person or company who supplied the towel warmer and advise them of the problem.

STEP 2. A LICENCED INSTALLER

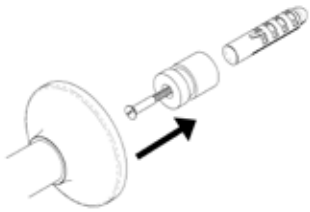
Installation should only be conducted by a Registered Electrician. It must be installed in accordance with the relevant electrical wiring rules and regulations and in particular those regulations which cover installation of appliances and accessories in damp situations such as bathrooms and laundries.

STEP 3: CHECK THE PREPARATION

Ensure the wall construction is appropriate to support the towel warmer. **Ensure the Electrician has run a conduit with a draw-wire to the electrical switch.**

STEP 4: INSTALLATION

Hawthorn Hill towel warmers are made with concealed fix 75mm dia. wall and floor flanges on Traditional (HHT) and Ornate (HHR) models and 60mm dia. on the Contemporary models (HHC).



Each towel warmer has four brass mounting discs which are secured onto the wall using single central screws. The heating element cable exits the towel warmer through one of these discs. Once the installer is confident the brass mounting discs are in their correct positions, the element cable is drawn though the conduit while the towel warmer is mounted over these four discs. Once sitting correctly back against the wall, secure it by tightening the grub-screws onto the mounting discs. Connect the heating cable.

STEP 5: OPERATION

The Hawthorn Hill electric towel warmer has a low wattage element which can be left on continuously without detrimental effect either to the towel warmer or to the articles on it.

STEP 6: INSTALLATION COMPLETE.

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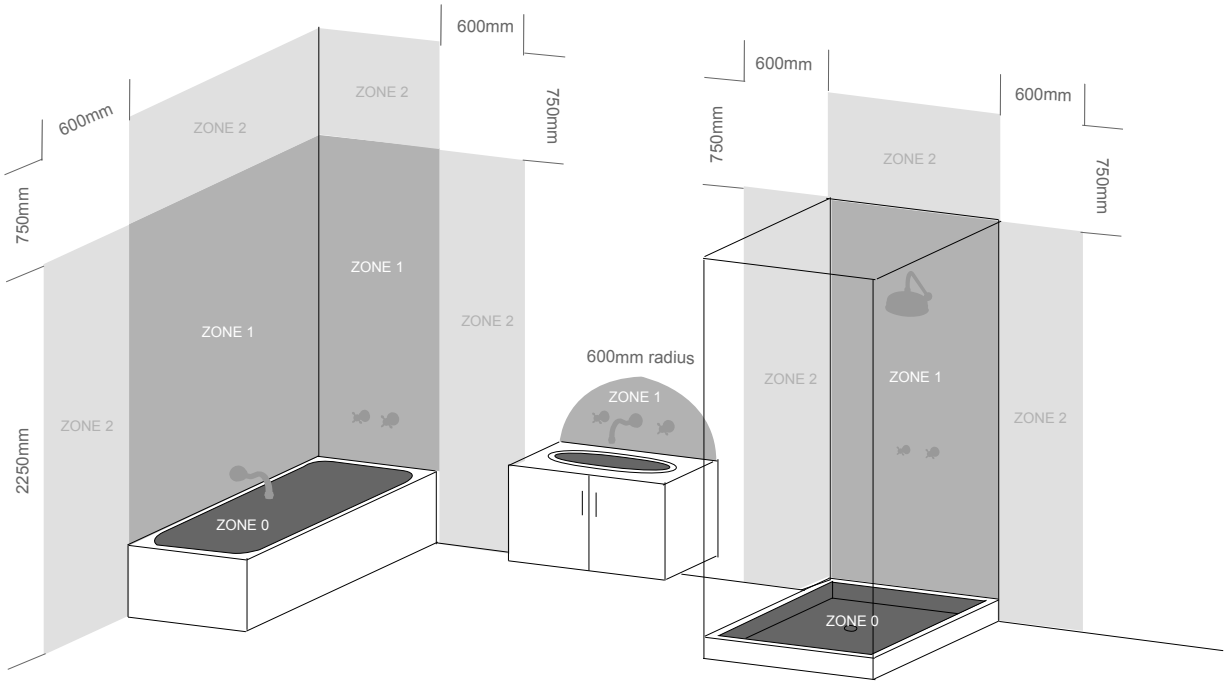
INSTALLATION GUIDE REGARDING BATHROOM ZONES FOR IP55 RATED WARMERS



ZONE 0

THE AREA OF THE INTERIOR OF THE BATH OR SHOWER BASE. HAWTHORN HILL TOWEL WARMERS AND ROBE WARMERS MUST NOT BE INSTALLED IN ZONE O.

ZONE 1

HAWTHORN HILL TOWEL WARMER & ROBE WARMERS MAY BE INSTALLED IN ZONE 1. IN THIS ZONE AN IP RATING OF AT LEAST IP44 IS REQUIRED AND ELEMENTS MUST ALSO BE PROTECTED BY A 30MA RESIDUAL CURRENT DEVICE (RCD) TO PROTECT THE CIRCUIT.

(A) FOR A BATH, THE AREA LIMITED BY:

(I) THE INTERNAL RIM OF THE BATH ABOVE ZONE 0; AND
(II) THE CEILING, OR, THE HORIZONTAL PLANE 2.25M ABOVE THE FLOOR, WHICHEVER IS THE LOWER.

(B) FOR A BATH AND A SHOWER, THE AREA LIMITED BY: 36

(I) THE INTERNAL RIM OF THE BATH OR SHOWER BASE ABOVE ZONE 0; AND
(II) THE PARALLEL VERTICAL PLANE 1.2M RADIUS FROM THE FIXED PLUMBING CONNECTION; AND
(III) A BARRIER OF MINIMUM HEIGHT OF 1.8M, OR A BARRIER THE SAME HEIGHT OF THE FIXED PLUMBING CONNECTION, WHICHEVER IS THE HIGHEST, MAY BE USED TO REDUCE THE 1.2M DIMENSION OF (II) ABOVE; AND
(IV) THE HIGHER OF THE HORIZONTAL PLANE 2.25M ABOVE THE FLOOR (OR THE CEILING IF IT IS LOWER), OR THE HEIGHT OF THE FIXED PLUMBING CONNECTION.

(C) FOR A SHOWER, THE AREA LIMITED BY:

(I) THE INTERNAL RIM OF THE SHOWER BASE ABOVE ZONE 0; AND
(II) THE PARALLEL VERTICAL PLANE 1.2M FROM THE FIXED SHOWER PLUMBING CONNECTION; AND
(III) A BARRIER OF MINIMUM HEIGHT OF 1.8M, OR A BARRIER THE SAME HEIGHT OF THE FIXED PLUMBING CONNECTION, WHICHEVER IS THE HIGHEST, MAY BE USED TO REDUCE THE 1.2 M DIMENSION OF (II) ABOVE; AND
(IV) THE HIGHER OF THE HORIZONTAL PLANE 2.25M ABOVE THE FLOOR (OR THE CEILING IF IT IS LOWER), OR THE HEIGHT OF THE FIXED PLUMBING CONNECTION.

ZONE 2

HAWTHORN HILL TOWEL WARMER & ROBE WARMERS MAY BE INSTALLED IN ZONE 2. IN THIS ZONE AN IP RATING OF AT LEAST IP44 IS REQUIRED.

THE AREA LIMITED BY:

(A) THE VERTICAL PLANE EXTERNAL TO ZONE 1 AND THE PARALLEL VERTICAL PLANE 0.6M EXTERNAL TO ZONE 1; AND

(B) THE FLOOR TO THE CEILING, OR THE HORIZONTAL PLANE 2.25M ABOVE THE FLOOR, WHICHEVER IS THE LOWER.

ZONE 3

HAWTHORN HILL TOWEL WARMER & ROBE WARMERS MAY BE INSTALLED IN ZONE 3

THE AREA LIMITED BY:

(A) THE VERTICAL PLANE EXTERNAL TO ZONE 2 AND THE PARALLEL VERTICAL PLANE 2.4M EXTERNAL TO ZONE 2; AND

(B) THE FLOOR TO THE CEILING, OR THE HORIZONTAL PLANE 2.25M ABOVE THE FLOOR, WHICHEVER IS THE LOWER.

NOTE: THE ZONES DO NOT EXTEND BEYOND THE BOUNDARIES OF THE ROOM.

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