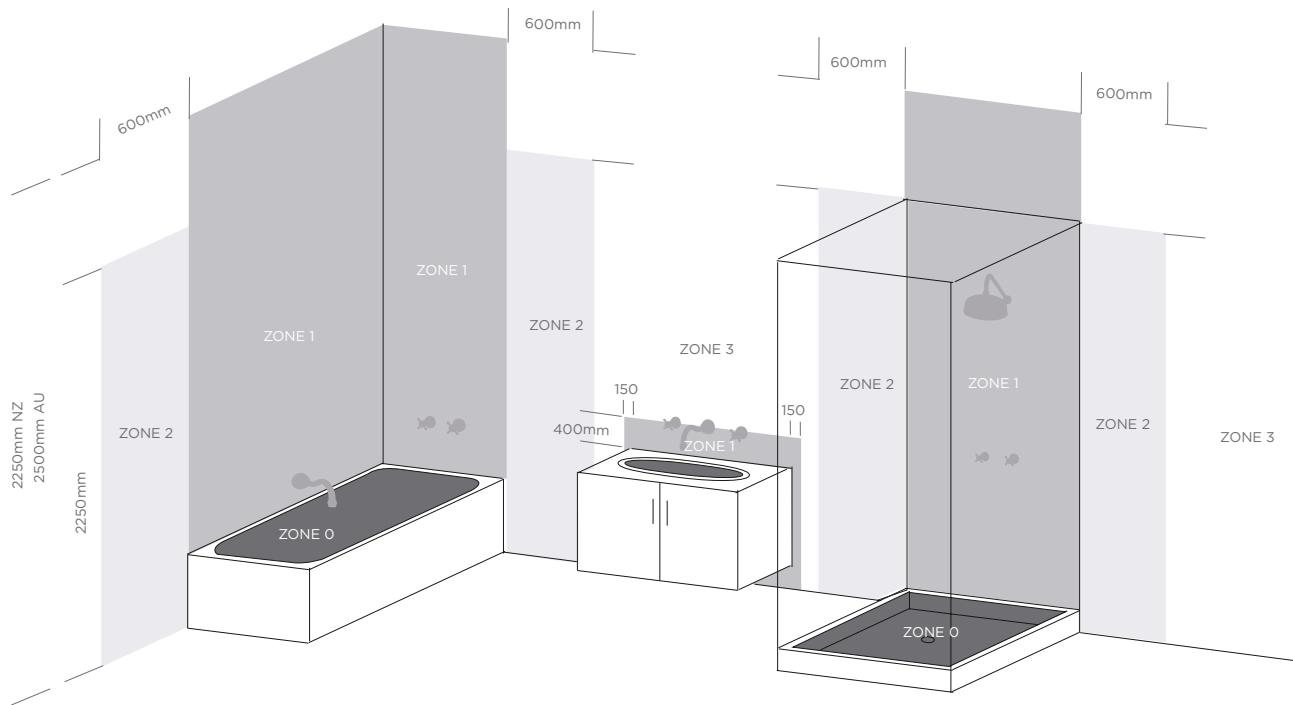


Hawthorn Hill

BATHROOM ZONES



BATHROOM ZONES

ZONE 0 - The area of the interior of the bath or shower base.

ZONE 1 - HAWTHORN HILL TOWEL 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 2.25 m 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 1.2 m radius from the fixed plumbing connection; and
 - (iii) A barrier of minimum height of 1.8 m, 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 2.25 m 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 1.2 m from the fixed shower

plumbing connection; and

(iii) A barrier of minimum height of 1.8 m, 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 2.25 m above the floor (or the ceiling if it is lower), or the height of the fixed plumbing connection.

ZONE 2 - HAWTHORN HILL TOWEL 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 0.6 m external to Zone 1; and
- (b) The floor to the ceiling, or the horizontal plane 2.25 m above the floor, whichever is the lower.

ZONE 3 - HAWTHORN HILL TOWEL WARMERS MAY BE INSTALLED IN ZONE 3

The area limited by:

- (a) The vertical plane external to Zone 2 and the parallel vertical plane 2.4 m external to Zone 2; and
- (b) The floor to the ceiling, or the horizontal plane 2.25 m above the floor, whichever is the lower.

NOTE: The zones do not extend beyond the boundaries of the room.

Hawthorn Hill

ELECTRIC TOWEL WARMERS INSTALLATION

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

Hawthorn Hill electrically heated towel warmers are supplied complete and ready to install. They are made from 32mm brass tube and contain a heat transfer fluid to provide an even heat over the full surface area. They are fitted with an electric heating element with the standard position for the element being in the bottom of the right-hand side. They can however be manufactured on request with the element on the left-hand side.

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 and size 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 company who supplied the towel warmer and advise them of the problem.

STEP 2: INSTALLATION

The towel rail must always be installed with the element cable at the bottom. Thermal cycling will not occur if the towel rail is installed with the element at the top and damage to the element could occur.

Hawthorn Hill towel warmers are made with integral 75mm dia. wall and floor flanges. These will provide a secure mounting for the towel warmer and should be fixed using the complementary screws provided with the towel warmer. Ensure the wall construction is appropriate to support the towel warmer.

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 600 mm 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 safely. Young children should be supervised to ensure that they do not play on the appliance.

STEP 3: ELECTRICAL CONNECTION

Hawthorn Hill towel warmers are fitted with a 100w 230v AC thermostatic heating element and have been tested for compliance with AS/NZS 3350.1.2002. The element can be easily replaced should it ever develop a problem. Hawthorn Hill towel warmers have an IP55 rating and can be installed into bathroom Zones 1, 2 and 3.

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, showers and laundries.

Floor mounted towel warmers: Locate the appropriate position for the installation of the towel warmer. Drill a 25mm hole through the timber floor. Feed the electrical heating element cable through the hole and sit the towel warmer over the hole. Screw the towel warmer to the floor and wall with the screws provided. Connect the electrical cable to the house wiring.

Wall mounted towel warmers: The heating element cable may be concealed from view by covering it with the cable shroud supplied with the towel warmer. Slide the cable covering elbow over the electrical heating element. Connect the electrical cable to the house wiring. Position the towel warmer on the wall so that the cable shroud cover plate covers the cable outlet from the wall and securely fix the towel warmer to the wall with the complementary screws provided.

Switch on the electrical supply. Towel warmers may take up to 30 minutes to reach their operating temperature.

OPERATION

Your Hawthorn Hill towel warmer has a 100w thermostatic element which can be left on continuously without detrimental effect either to the towel warmer or to the articles on it.

HYDRONIC TOWEL WARMER INSTALLATION

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

Hawthorn Hill electrically heated towel warmers are supplied complete and ready to install. They are made from 32mm brass tube and contain a heat transfer fluid to provide an even heat over the full surface area. They are fitted with an electric heating element with the standard position for the element being in the bottom of the right-hand side. They can however be manufactured on request with the element on the left-hand side.

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 and size 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 company who supplied the towel warmer and advise them of the problem.

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STEP 2: INSTALLATION

The towel rail must always be installed with the taps at the bottom. The air vent release valve is effective when the taps are turned on.

Hawthorn Hill towel warmers are made with integral 75mm dia. wall and floor flanges. These will provide a secure mounting for the towel warmer and should be fixed using the complementary screws provided with the towel warmer. Ensure the wall construction is appropriate to support the towel warmer.

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 600 mm 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 safely. Young children should be supervised to ensure that they do not play on the appliance.

STEP 3: HYDRONIC CONNECTION

If you intend to install the product on an open hot water circuit, make sure there is no water softener present in the water. Product compatibility is the responsibility of the owner. Hawthorn Hill towel warmers have an IP55 rating and can be installed into bathroom Zones 1, 2 and 3.

Floor mounted towel warmers: Locate the appropriate position for the installation of the towel warmer.

Wall mounted towel warmers: Position the towel warmer on the wall and securely fix the towel warmer to the wall with the complementary screws provided.

Turn on the taps. Air release vent at top will allow water to fill up without pressurising the towel warmer.

BASIN STAND INSTALLATION

Basin stands are straight forward to install. To reduce volume when shipping from the UK, basin stands are only partially assembled and require assembly of the legs with an allen key to secure in place. This is simple, and is best completed with the basin stand upside down on a non-abrasive surface. All other joins are welded and finished as per the towel warmers.

Ensure that the basin or top is secured to the wall, and then slide the basin stand beneath. There are small adjustment threads in the top of each support which can be raised until the front weight of the basin is now being absorbed by the stand. Centre the stand with the basin or top and use the complementary screws to fix in position. This may require two people for larger basins and tops.