HEATING SYSTEMS

There are two types of water circuits as follows:

- Indirect (closed) Hot Water Circuits
  The Majority of households have indirect water supplies consisting of separate pipe circuits (one for central heating and one for domestic water use) and any towel rail is suitable to be installed on this circuit.

- Direct (open) Hot Water Circuits
  Water is heated by the boiler straight from the mains supply. The heated water is supplied directly to domestic taps and appliances e.g. washing machines. It is important to note that only brass towel rails are suitable to be installed on this circuit.

Steel Rails - Must be installed in-conjunction BS7593 where a corrosion inhibitor is used
Brass Rails - Caution where water softener is installed and could cause dezincification (material is attacked ie. zinc eaten away by aggressive water)

Wherever possible Vogue (UK) towel rails are manufactured using dezincification resistant brass, however it should be understood that the term 'resistant' does not entirely preclude the possibility of dezincification occurring. If you intend to install the product on an open (DHW) circuit, make reference to your local water authority to ensure dezincification has not previously occurred. Towel rails manufactured from brass tubing should not be installed on an open circuit if a water softener is present. Water analysis to determine the likelihood of dezincification is available at cost.

Models suitable for indirect (closed) circuits only cannot be installed on an open circuit due to the item containing ferrous (steel) parts.

Product compatibility is the responsibility of the installer.

KEYS

HEATING (HO)

ELECTRIC ONLY (EO)

HEATING (Closed Circuit Only) (HO)

HEATING & ELECTRIC ONLY
Dual Heating

B Brass

MS Mild Steel

SS Stainless Steel

Due to limitations in printing, exact color match is not possible, although every effort has been made to ensure accuracy.

HEATING OPTIONS

There are two types of HEATING ONLY options as follows:

HEATING ONLY (HO) - Suitable for ALL circuits
For connection to either direct (open) or indirect (closed) central heating or hot water circuit

HEATING ONLY (HO) - Suitable for indirect (closed) circuits only
For connection to an indirect (closed) central heating circuit ONLY. Cannot be installed on an open circuit due to the item containing ferrous (steel) parts

- Ensure the towel rail of your choice is suited to the circuit available. Never install an item containing ferrous (steel) parts on an open circuit.
- Wherever possible Vogue towel rails are manufactured using dezincification resistant brass. However, it should be understood the term 'resistant' does not entirely preclude the possibility of dezincification occurring. If you intend to install the product on an open (direct) hot water circuit, make reference to your local water authority to ensure dezincification has not previously occurred.
- Towel rails manufactured from brass tubing should not be installed on an open circuit if a water softener is present. Product compatibility is the responsibility of the installer.
- In aggressive water areas, or where water softeners are installed, dezincification resistant materials are available and can be specified for certain models. Please ask for an individual quotation.

Standard Rail Option (HO)

Ladder Rail Option (HO)

ELECTRIC ONLY (EO)
A completely independent unit requiring only a fused spur electric connection in close proximity
Standard format for electric towel rails is fluid filled. Thermal transfer fluid is heated by an electric element located at the bottom of the towel rail. The element is a sealed cartridge and therefore can be easily changed in case of failure.

- Installation should only be conducted by a qualified electrician and must comply with current IEE wiring regulations and BS7671.
- Always ensure the towel rail is protected by a suitably rated fuse (typically 5 amp) or proprietary brand residual circuit breaker.
- The electrical element within the towel rail is manufactured and inspected to European Standard EN60335-1 (CENELEC) - CE 61/50. It is splash proof only and must never be immersed.
- The towel rail must always be installed with the element at the bottom of the unit. Thermal cycling will not occur if the towel rail is installed with the element at the top. Consequential damage to the element will then occur.
- Electric Only towel rails are designed for continuous operation and are perfectly safe if left switched on permanently. If timed operation is required the time clock utilised should be rated to the wattage of the electric element.

Standard Rail Option (EO)

Ladder Rail Option (EO)

HEATING OPTIONS

HEATING & ELECTRIC (HE)

Also known as dual fuel or dual energy. Connected to a central heating circuit and including an electrical element which allows for operation in summer months when the central heating is NOT in use.

- Ensure the towel rail of your choice is suited to the circuit available. Never install an item containing ferrous (steel) parts on an open circuit.
- Wherever possible Vogue towel rails are manufactured using dezincification resistant brass. However, it should be understood the term 'resistant' does not entirely preclude the possibility of dezincification occurring. If you intend to install the product on an open (direct) hot water circuit, make reference to your local water authority to ensure dezincification has not previously occurred.
- Towel rails manufactured from brass tubing should not be installed on an open circuit if a water softener is present. Product compatibility is the responsibility of the installer.
- In aggressive water areas, or where water softeners are installed, dezincification resistant materials are available and can be specified for certain models. Please ask for an individual quotation.
- Installation should only be conducted by a qualified electrician and must comply with current IEE wiring regulations and BS7671. The heating element in dual fuel units should be installed prior to leak testing of the system. The towel rail must be individually earth bonded.
- Always ensure the towel rail is protected by a suitably rated fuse (typically 5 amp) or proprietary brand residual circuit breaker.
- The electrical element within the towel rail is manufactured and inspected to European Standard EN60335-1 (CENELEC) - CE 61/50. It is splash proof only and must never be immersed.
- The towel rail must always be installed with the element at the bottom of the unit. Thermal cycling will not occur if the towel rail is installed with the element at the top. Consequential damage to the element will then occur.

Standard Rail Option (HE)

Ladder Rail Option (HE)

- The heating element in dual fuel models must never be operated without the towel rail being completely full of water and connected to the central heating system. The system design must guarantee constant filling of the unit. Special care must be taken after any service work requiring 'drain-off' of the system.
- In dual energy models allowance for thermal expansion must be made by having the return valve partially open. The flow valve must be closed to prevent cycling through the system. Manufacturers notes do not override legal obligations.
- On no account should the electric operation of dual fuel models be utilised in conjunction with the central heating operation.

HEATING ELEMENTS

All heating elements must be IP rated - a system for classifying the degrees of protection provided by the enclosures of electrical equipment.

IP stands for 'Ingress Protection', followed by two numbers which refer to the level of protection according to where the product is able to be sited within the bathroom.

It is important to install an electric towel rail in the correct bathroom zone i.e. the zone referred to in the IP rating of the element.

Standard element - IP55

Suitable for installation into Zones 1, 2 and 3 of the bathroom for non high pressure water jet applications.

Manufactured in accordance with:
EN60335-1 / BS EN ISO 9001

Each standard element contains an internal preset over temperature switch and fail safe fuse. There is no thermostatic control with this element although a suitably rated rheostat (CD-VR) will give thermal control when fitted into the electrical supply circuit.

All heating elements are CE approved

BATHROOM ZONES

The diagrams and information below are a guide to Bathroom Zones as referred to in IP ratings of the Heating Elements section. Please refer to the latest edition of BS7871 to ensure conformity.

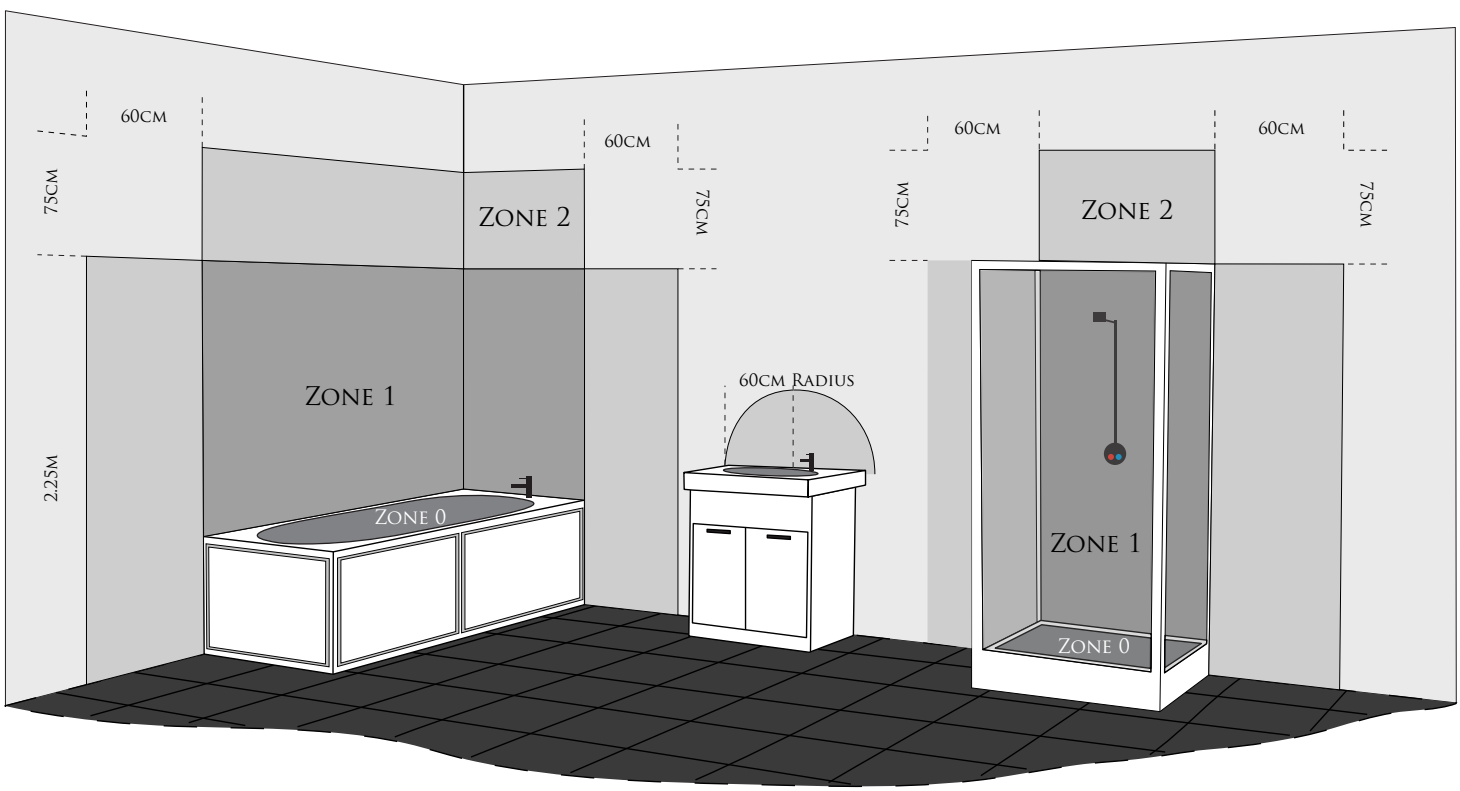
It is important to install an electric towel rail in the correct bathroom zone i.e. the zone referred to in the IP rating of the element. This is not an installation guide and reference should be made to the latest edition of the IEE wirings Regulations or a qualified electrician.

Zone 0 is inside the bath or shower tray itself. Any appliance used in this zone must be rated at least IP67 which is total immersion proof.

Zone 1 is the area above the bath or shower tray to a height of 2.25m from the floor. In this zone a minimum rating of IP44 is required and elements must also be protected by a 30mA residual current device (RCD) to protect the circuit.
The electrical connection to the power supply for these elements must be in Zones 2/3 of the bathroom in compliance with BS7671:2001 - IEE Wiring Regulations.

Zone 2 is an area stretching 0.6m outside the perimeter of the bath and to a height of 2.25m from the floor. In this zone an IP rating of at least IP44 is required.In addition it is good practice to consider the area around a washbasin, within a 60cm radius of any tap to be considered as zone 2.

For full details reference should be made to the latest copy of the IEE wiring regulations and all applicable British Standard Specifications - European norm.



HINTS & ADVICE

In order to assist your choice of towel rail, the following check points should help to avoid the specification of an unsuitable model.

- Ensure the space you have is of adequate dimensions and that suitable services can be directed to the location.
- Check you have sufficient room to accept the projection of the towel rail without impeding access or door opening etc.
- Ensure the towel rail of your choice is suited to the circuit available. Never install an item containing ferrous (steel) parts on an open circuit. If in doubt, ask!
- Never install a towel rail without providing for suitable isolation.
- Consider the benefits of an electrical immersion heater for continued operation in the summer months. When utilised, one isolating valve should be turned off to prevent circulation through the system. Appropriate measures should also be taken to ensure the continued venting and filling of the product. On no account should the electric option be operated in tandem with the central heating.
- All Vogue UK products must be installed in accordance with BS5449, BS7593 and BS7671 to avoid invalidation of the guarantee.

TECHNICAL SPECIFICATIONS

All heat outputs are shown at 50°CΔt, in compliance with BSEN442 - Specification for Radiators and Convectors. To convert to 60°CΔt, multiply heat output by conversion factor 1.268 (approximate figure).

All measurements given are nominal dimensions only (mm), and are not binding. Detailed technical drawings providing installation dimensions are available on request from our Sales Office on +44(0) 1902 387000 or via our website - www.vogueuk.co.uk

Manufactured from hot brass stamped fittings and high quality brass tube complying to BS2871.

Some models manufactured from high grade CR steel tubing and/or containing steel components suitable for closed/indirect circuits only. All rails are pressure tested to 100p.s.i (6.9 bar) air immersed in water.

All models are fitted with 2 x 1/2" BSP F.I. connections. Alternative M.I. or compression fitting is available on request. 3/4" BSP connections available at extra cost on some models.

A manual bleed air vent is fitted to all hot water/dual fuel models. Auto air vents available on request at additional cost.

CONTINUAL IMPROVEMENT

Our company policy is one of continual improvement and Vogue (UK) Ltd reserves the right to amend designs, specification or discontinue any of our products without prior notice. E & OE

VOGUE UK

SUPERIOR DESIGN CRAFTED BY HAND

To view our full range of products visit
www.vogueuk.co.uk