



Kingkraft

Pre-installation details Multibath



PLEASE READ THOROUGHLY BEFORE COMMENCING WORK

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GENERAL INFORMATION

This booklet describes the ideal conditions to which a site should be prepared prior to the installation of the Multibath. If you have any doubt as to the requirements, you can speak to Kingkraft who can advise further.

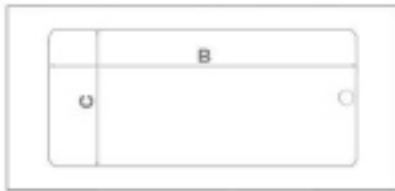
Special manufactured versions of the Multibath to the customer's specifications may require different or extra procedures. Please refer to Kingkraft if this is the case.

PLEASE NOTE-IF KINGKRAFT ATTEND SITE AND THE PRE-INSTALL REQUIREMENTS HAVE NOT BEEN FOLLOWED AS OUTLINED IN THIS MANUAL THEN THERE MAY BE CHARGES FOR A RETURN VISIT.

IF KINGKRAFT ARE INSTALLING AND COMMISSIONING THE MULTIBATH, THEN THERE MUST BE HOT WATER TURNED ON FROM A COMMISSIONED BOILER. THERE WILL BE FURTHER CHARGES FOR ANY RETURN VISITS IF THIS HAS NOT BEEN COMPLETED BY THE AGREED INSTALL DATE.

DIMENSIONS

General Dimentions



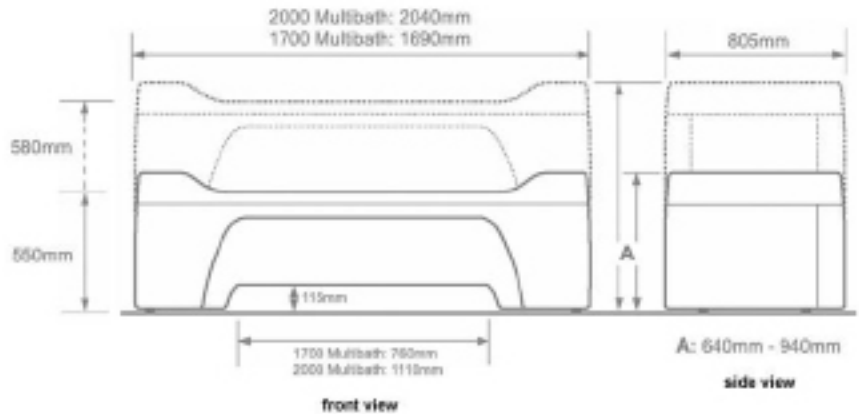
plan view

B: 2000 Multibath:
1730mm at top of tub
1510mm at bottom of tub

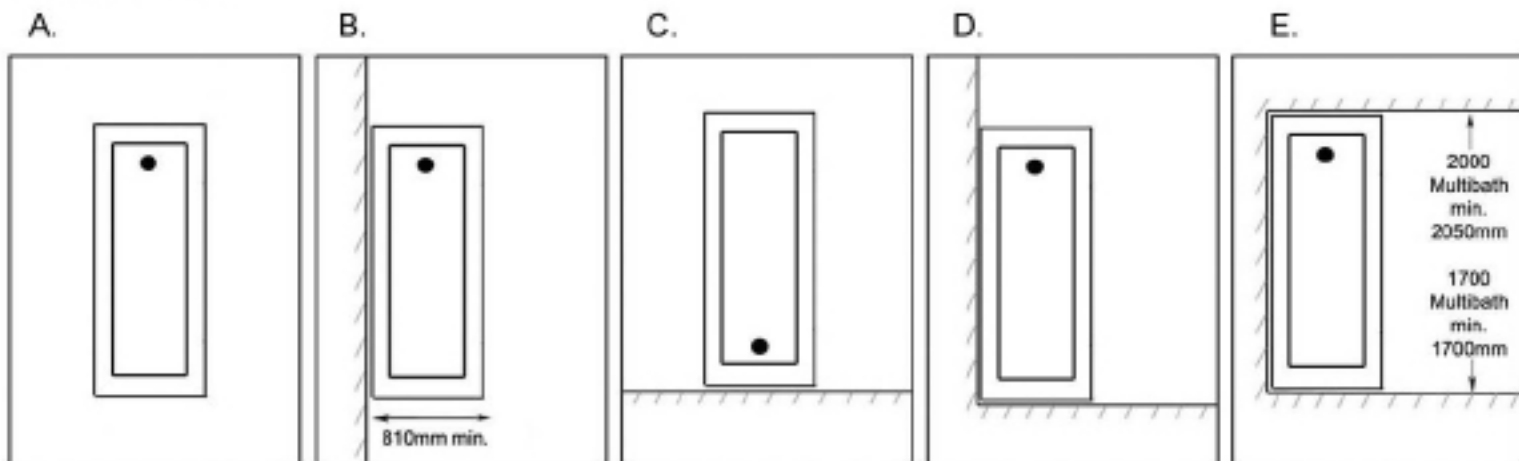
1700 Multibath:
1400mm at top of tub
1180mm at bottom of tub

C: 1700 + 2000 Multibath:
580mm at top of tub
500mm at bottom of tub

Internal Tub Depth: (at sides, not ends)
From bottom of bath tub to top of side: 400mm
Standard depth of water to bottom of overflow: 270mm



Possible installation positions within a room: The bath can be installed in any of the following positions:
(Dimensions in mm)



The Multibath is available in two different sizes 1700 and 2000, although please bear in mind that the length is slightly longer than this due to the contouring panels. Please refer to the measurements on the previous page to ensure you have enough room for the bath.

Please also bear in mind that you will need to allow space for the bath to get into the property.

POSITIONING

Please remember the bath is a large heavy item. How to move the bath in the room should be considered and if the bathroom is not particularly large, it is recommend to leave other fittings e.g. basins etc. until after the bath is installed

Upon deciding on positioning of the bath, allowance will have to be given for wall clearance. *To comply with BS ISO 17966:2016 it is advised that there should be ideally be at least 300mm clearance around your Multibath to avoid trapping. If this is not achievable a risk assessment can be done to determine whether such a gap is required by a competent person. Nothing should be wall mounted above the bath as this may cause a risk of trapping as the bath travels up and down.*

The bath can be positioning either in a island position or a against a wall, however please bear in mind that if the bath is to be manufactured with a 'hinged fold down top' as pictured below, then this can not be positioned in an island position.



Also bear in mind any overhead hoists that may need to be used in conjunction with the bath.

WATER REQUIREMENTS

Depending on the nature of the establishment where the bath is to be used. UK water regulations stipulate certain conditions of supply. The bath may be classed as Category 3 (typically used in private domestic dwelling) or a Category 5 (multi user environment e.g. care home, hospital). Your local water authority can advise you on the likely categorisations in your particular establishment.

This category classification will affect what type of shower system you are able to have on your bath. If you are unsure what specification has been ordered, then please contact Kingkraft quoting either an order number or installation address.

A standard Multibath has a volume of no more than 230 litres to the depth of the overflow hole. In order that the bather does not become cold, the bath is designed to permit as high as possible flow rates.

Gravity fed systems should be done in 22mm. If high flow rates are available then it is preferable to pipe supplies in 15mm

In addition to adequate flow rates, the incoming water pressures must be ideally be 2:1 or equal pressures for the digital mixing valves (RADA Sense infra red taps) and equal pressures for the RADA Autotherm (bath/shower fill), with no tendency for air locks and with a nominal hot temperature of 55°C or higher. If you are unsure what has been specified for the bath, please contact Kingkraft.

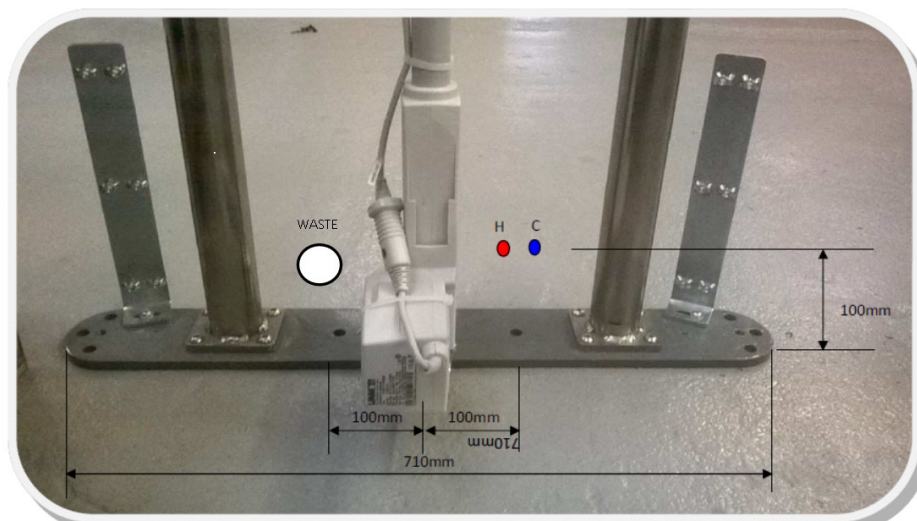
At commissioning the temperatures on the valve/s will be set up with a calibrated digital thermometer.

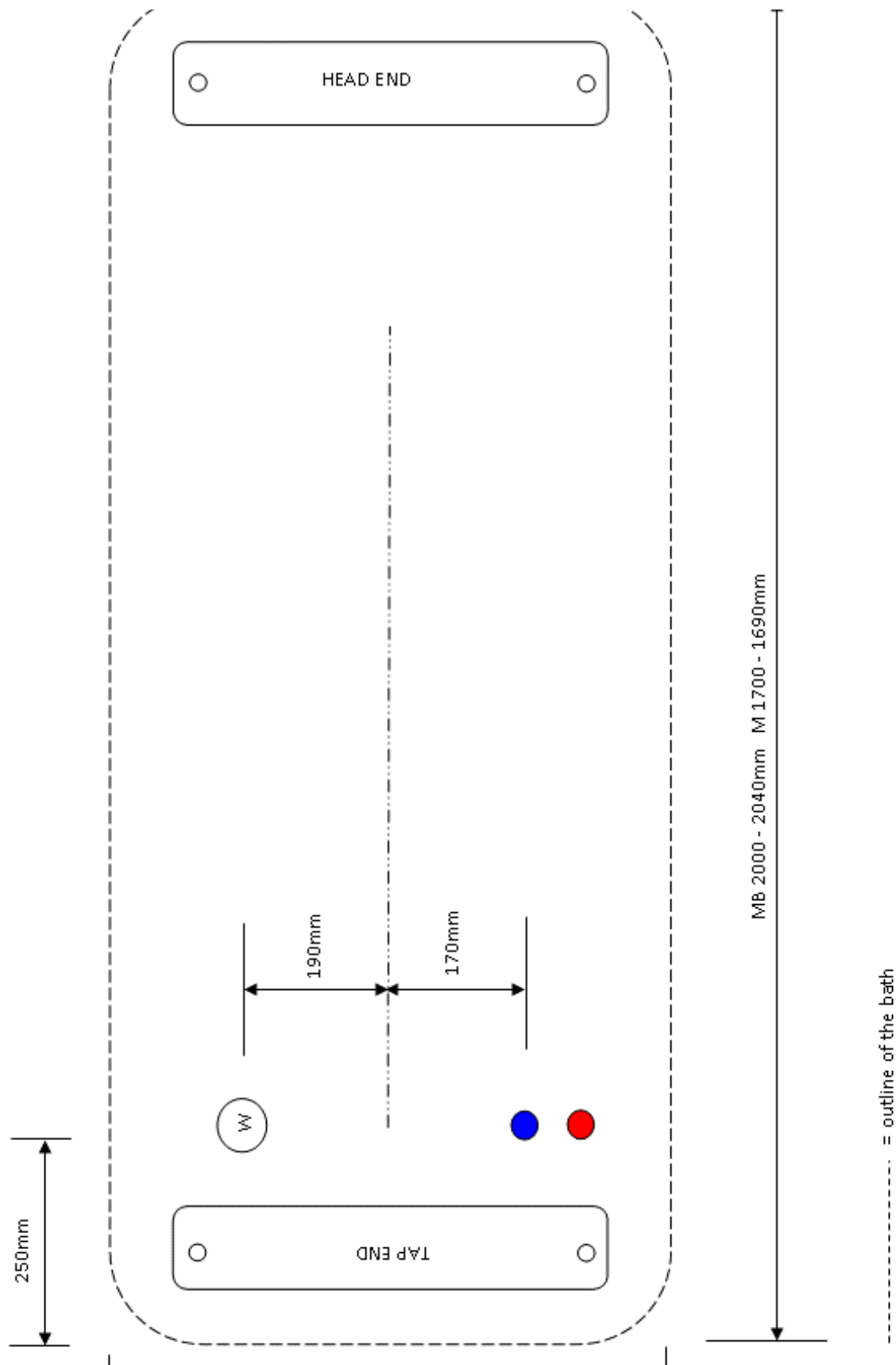
PIPEWORK

Hot and cold supplies should be as low as possible and should be positioned as shown below; **this should be in copper pipe.**

Any isolation valves should be fitted to horizontal sections of pipe. If the pipework comes out the floor elbows should be fitted pointing towards the head end of the bath before iso valves are then fitted. The waste outlet needs to be 40mm solvent pipe supplied in either of the two positions shown below.

Pipework from the drain end of the bath coming in





Pipework coming up underneath bath

ELECTRICAL REQUIREMENTS

- The room into which the baths will be installed must comply with the latest electrical zoning/building regulations, a qualified electrical engineer should advise on this.
 - These regulations stipulate the minimum distance from the bath to electrical equipment in the room.
 - This can only be supplied by a qualified electrician and will **not** be provided by Kingkraft unless specified otherwise.
 - The following work must be carried out by a qualified electrician prior to the installation going ahead; Kingkraft can supply an electrician for an additional cost-please get in touch if you would like Kingkraft to quote for these works.
 - The electrical low voltage installation for the bath facility must confirm *to the following specification*; a competent electrician must be consulted at all times.
1. Supply 230v, 50Hz, single phase & neutral in an IP65/66 or 67 enclosure supplied by a protected fused spur.
 2. Supply should be located at an agreed position, nominally 200mm. The positioning must not impede raise/lower movement of the bath / surrounding panelling.
 3. Enclosure to be 100m x 100mm x 50mm in dimension. Armoured cable is to be used with mains powered lifting frames and whirlpool connections(comes pre connected to the bath)



TAP OPTIONS

There are three options available for mixer taps. Please check with Kingkraft which has been specified before proceeding. Alternatively this information can be found on your order confirmation.

RADA Sense Infra Red Tap



The hot and cold water mixer unit is mounted underneath the bath unit and the control panel either mounted remotely from bath, for example on an adjacent wall, or directly on the top surface of the tap end of the bath, or on a bracket on the top surface or side of the bath.

Please discuss the mounting of the control panel with Kingkraft upon order/prior to manufacture if mounting on the wall.

Thermostatic Mixer Taps

If a thermostatic mixer tap has been specified, this will be mounted at the drain end of the bath, on the top surface of the bath tub.



RADA Autotherm Bath / Shower Mixer



Opac Bath Filler Mixer

All taps are TMV3 rated, other taps may have been specified - if this is the case, please consult manufacture instructions.

These taps will need commissioning, if this is not being carried out by Kingkraft, then this must be completed by a competent person. In all cases, Kingkraft recommend that a qualified Kingkraft engineer carried out commissioning.

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