IMPORTANT NOTICE

This document **MUST** be forwarded to your architect or building contractor to ensure that the site is prepared correctly as any mistakes could be extremely costly.

astor bannerman

Pre-Installation Document

Vanna Height adjustable Bath

General Site Requirements.

The wall decoration and floor covering must be complete and finished.

Positioning and fixing the unit.

The Interbath stands on and is secured to the floor. Floors must have sufficient depth in order to receive 50mm long anchors.

Under-floor heating CANNOT be laid in the bath area.

Adjacent walls need to be plumb, flat and clear of obstructions up to 1200mm above the floor. Skirting boards may be left in place.

Fig 1

If the unit is to be installed in an alcove or into a corner the side wall/walls will also have to be clear for a height of 1200mm.

The bath can be fitted as a Corner unit, Peninsular unit or an Island unit.

In all configurations a **minimum clearance of 850mm** must be left on the door side for

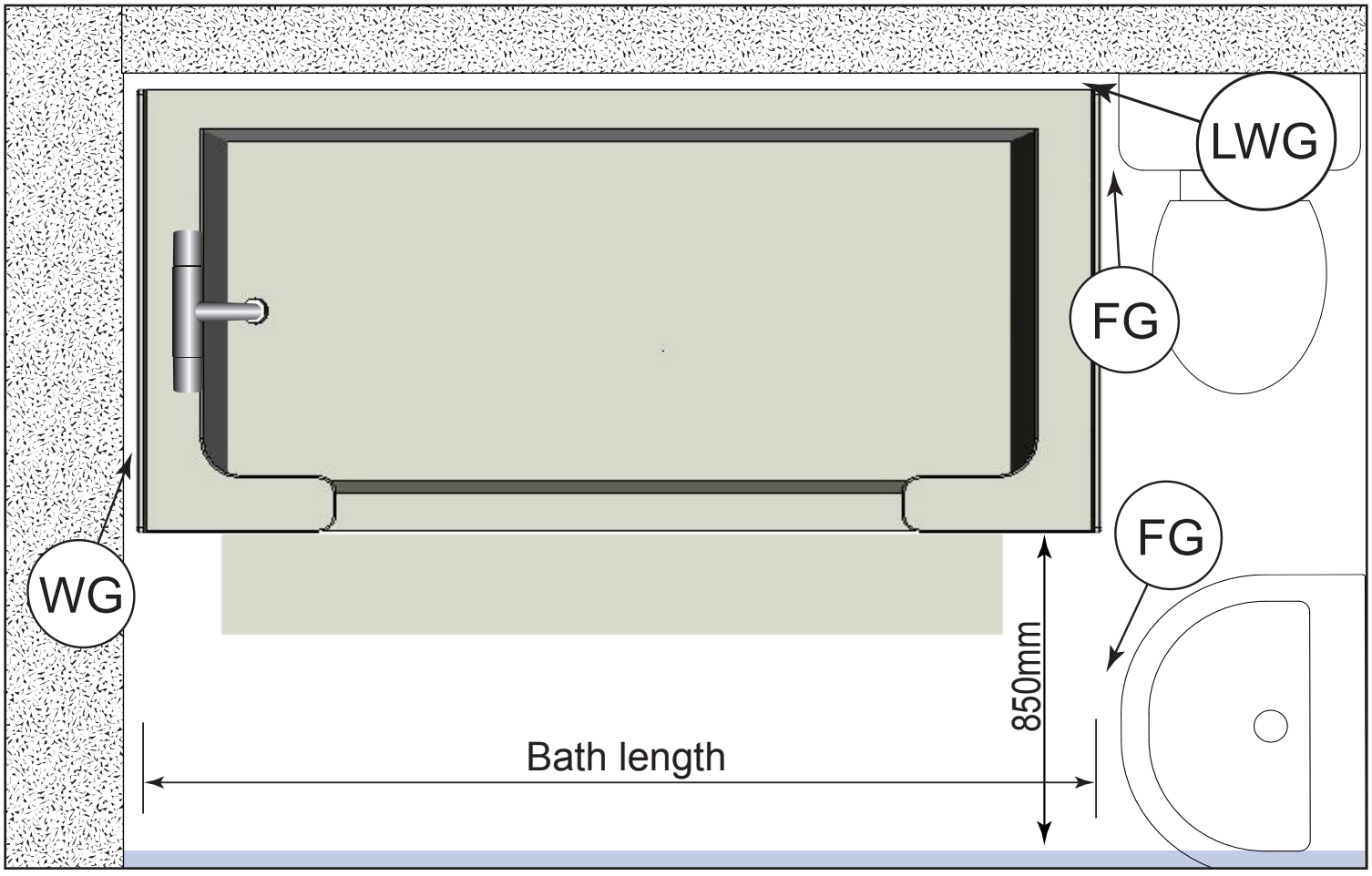
access.

A minimum clearance of 40mm is required against any adjacent walls (WG & LWG) and fixed appliances (FG) including toilets, radiators, sinks and shower units.

Note: If the bath(corner fitting) is ordered with neatfold stretcher, the gap at the long side of the bath (LWG) would have to be 65mm.

If a Peninsular or Island layout is required with a neatfold stretcher there must be enough clearance for the stretcher to swing and fold to the side of the bath, 400mm minimum on the opposite side to the door.

Fig 1



Positioning and fixing the unit - Continued

Fig 2,2a and 2b
When calculating the footprint of the bath use the diagram below and ensure the clearances are provided at the ends and at the sides.
The red shaded areas must be kept clear of any pipework, wiring or underfloor heating above and below the floor.
The floor must be strong enough (especially in the foot areas) to carry the weight of the bath when full and occupied.

NOTE: Floors must be flat and level in the area where the bath is to be installed.
If this is not possible Astor Bannerman MUST be informed prior to installation.

Fig 2

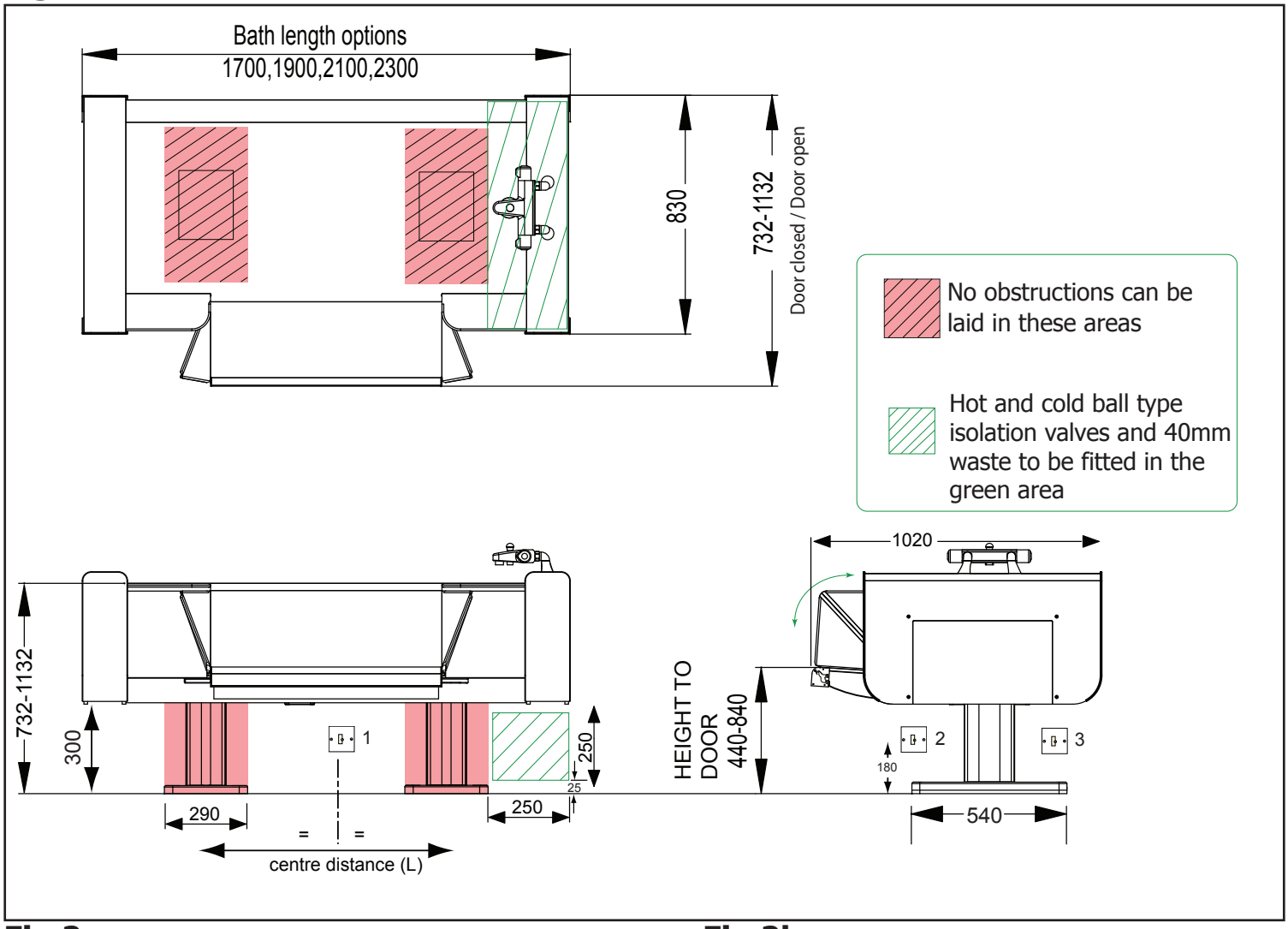


Fig 2a

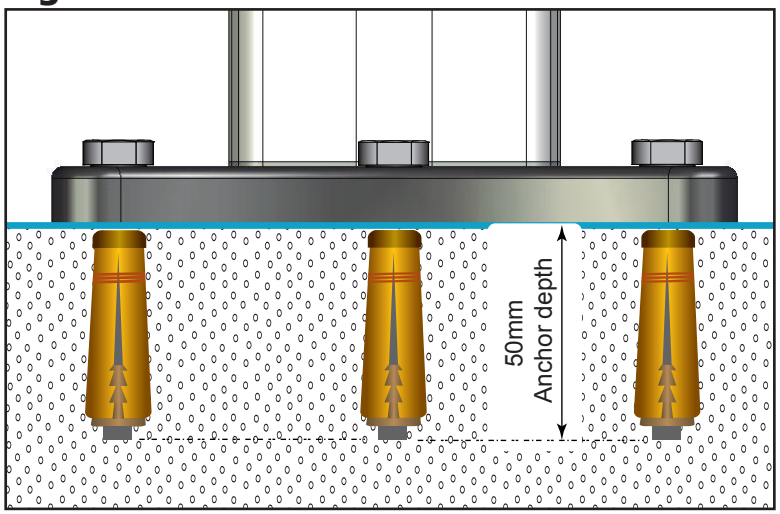
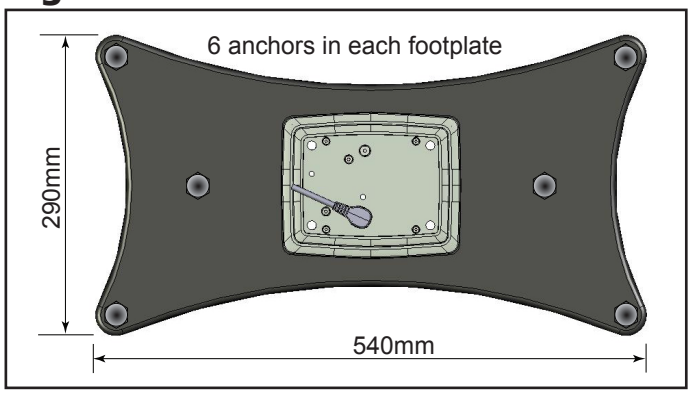


Fig 2b



Each footplate is fixed to the floor as shown.

Plumbing Options

Fig 3

The plumbing options and the outlet positions of the water and waste services must be at the tap end of the bath.

22mm ball type isolation valves (V) should be positioned and orientated exactly as shown but can be fed through the wall, floor or along the wall from either side. See Fig 3,4 & 5.

Fig 3

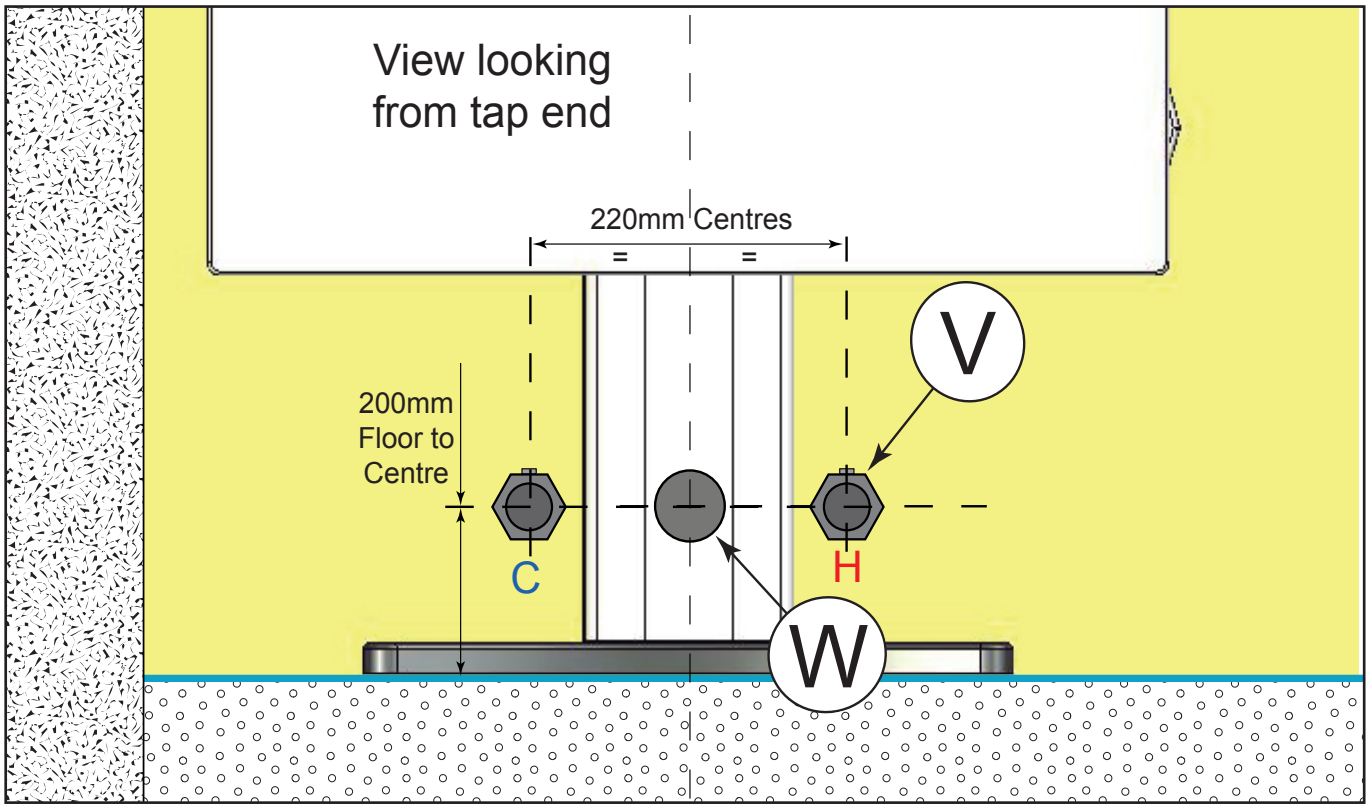
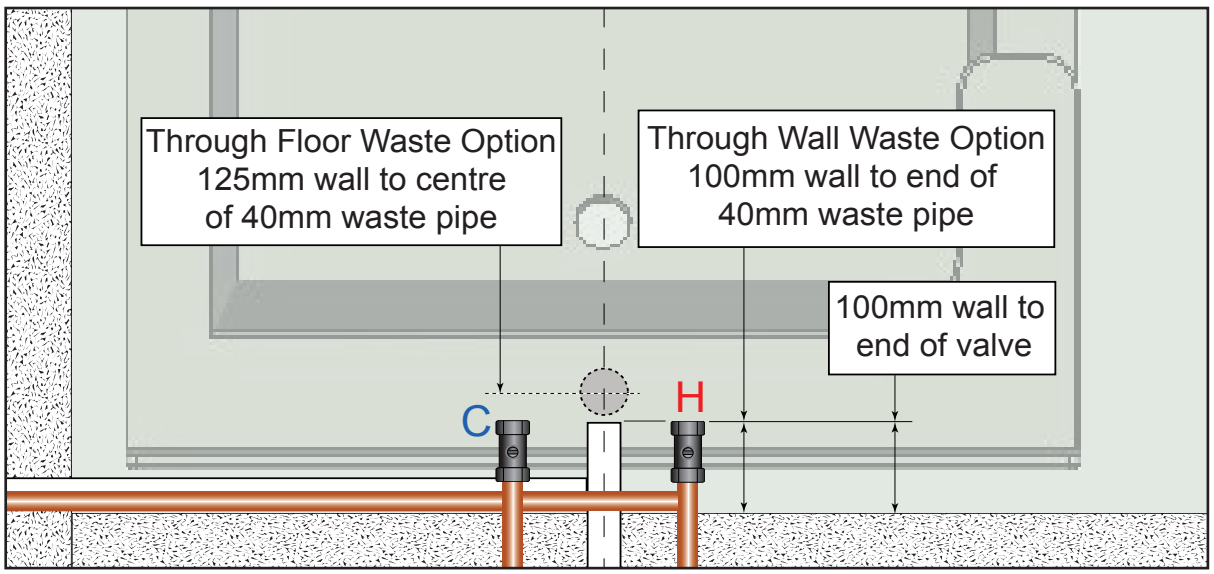


Fig 4

A 40mm waste pipe (W) is required and should be positioned and orientated exactly as shown but can be fed through the wall, floor or along the wall from either side.

Fig 4



Plumbing Options Continued.

Fig 5 and 6
If the water service pipes need to be fitted along the side wall they need to be kept tight against the wall.

The water service pipes can be offset vertically (V and Vo) providing the centre of the top pipe is no more than 200mm from the floor.

If the waste is to be fed along the the side wall it must be kept tight to the wall and be positioned below the water service pipes.

The 40mm waste pipe can be fed through the wall (WW) or floor (WF) as shown and cut to the lengths indicated.

Fig 5

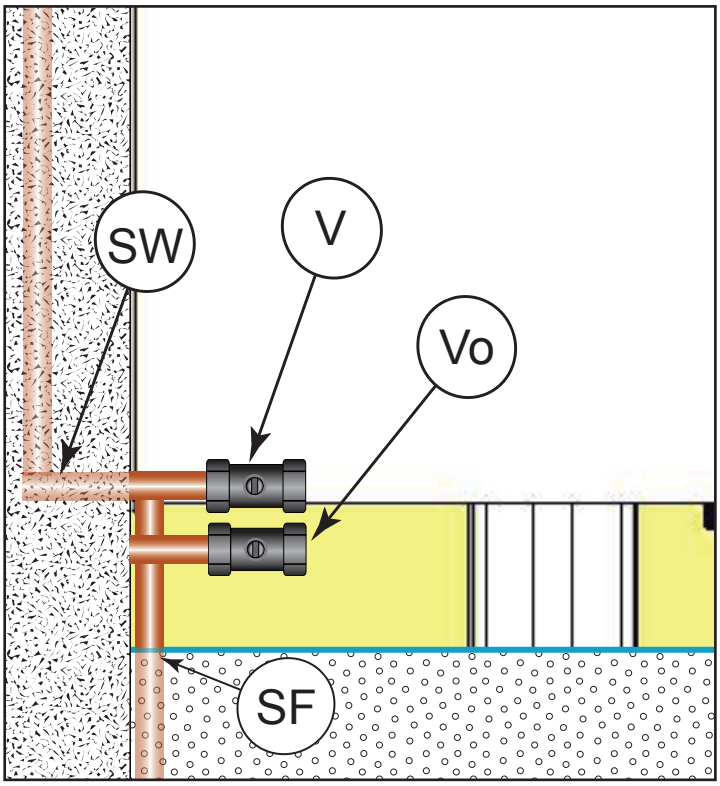
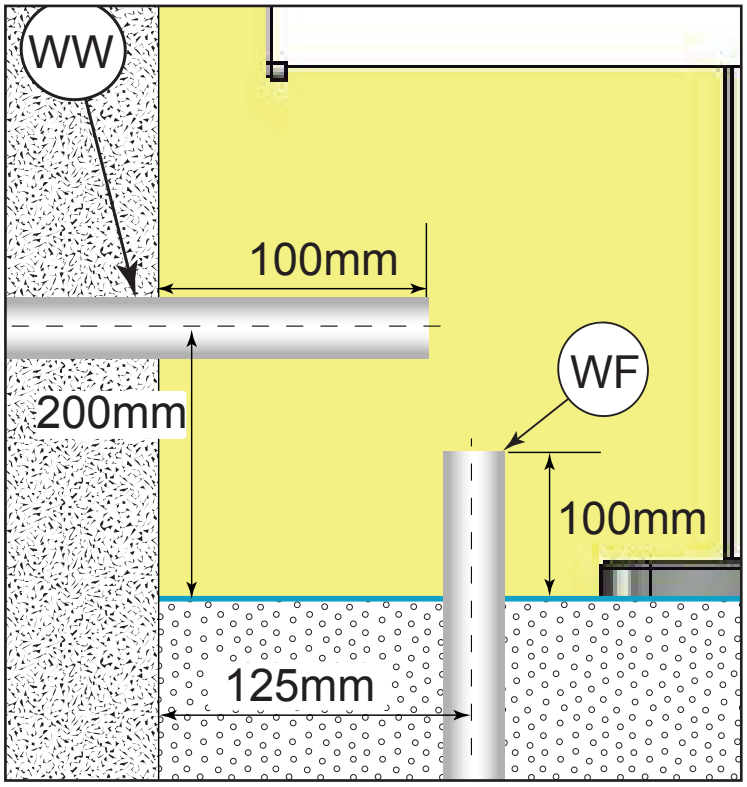
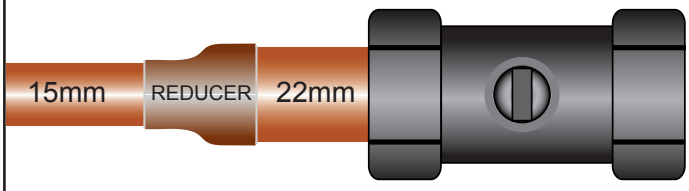


Fig 6 2 different waste options





Note: If the site piping is 15mm then this should be expanded to 22mm piping at the valve end to accommodate the valves.

Tap Options

The Vanna can be supplied with various tap/mixer sets.
The minimum water pressure on each supply must be 1 bar and a maximum of 10 bar with a differential of no more than 5 bar. Equal Pressures are recommended.

Electrical Connection.

Fig 7 & 8
The bath requires a 230 volt, 1.25kW, switched waterproof flex outlet, located at any of the positions shown and supplied from a protected fused spur.

Fig 7

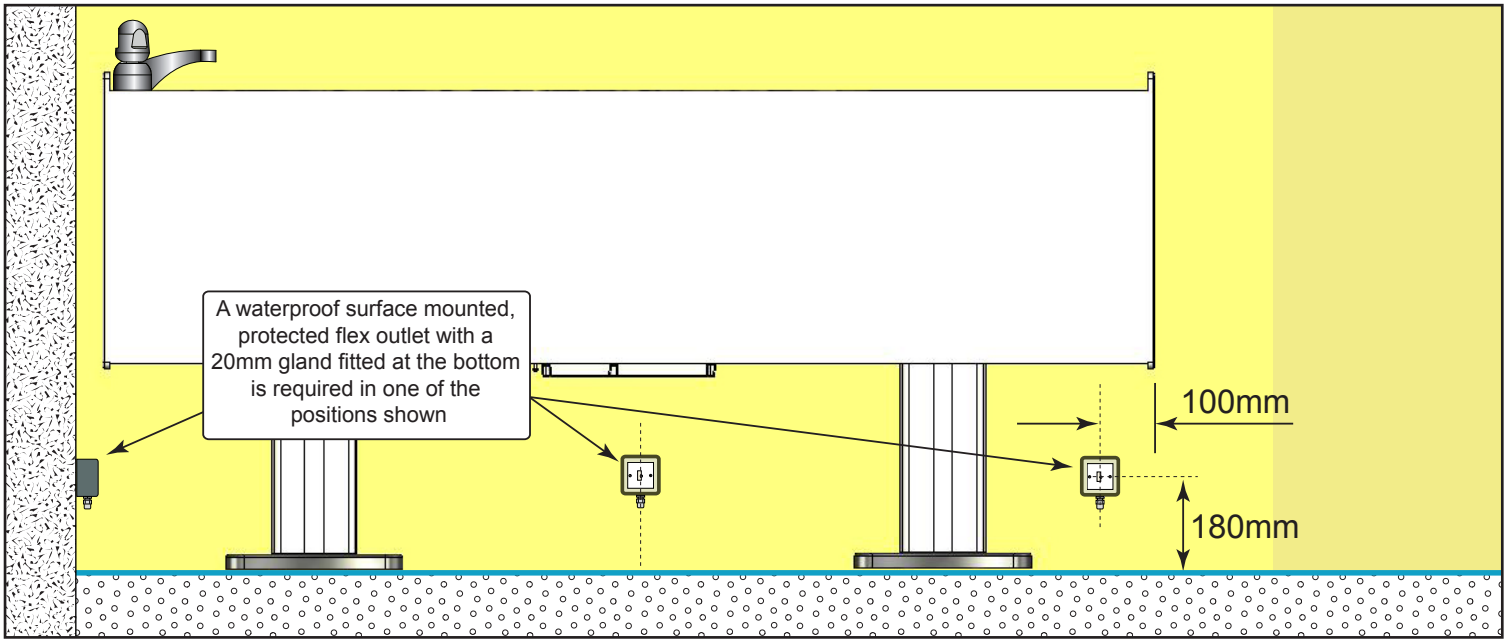
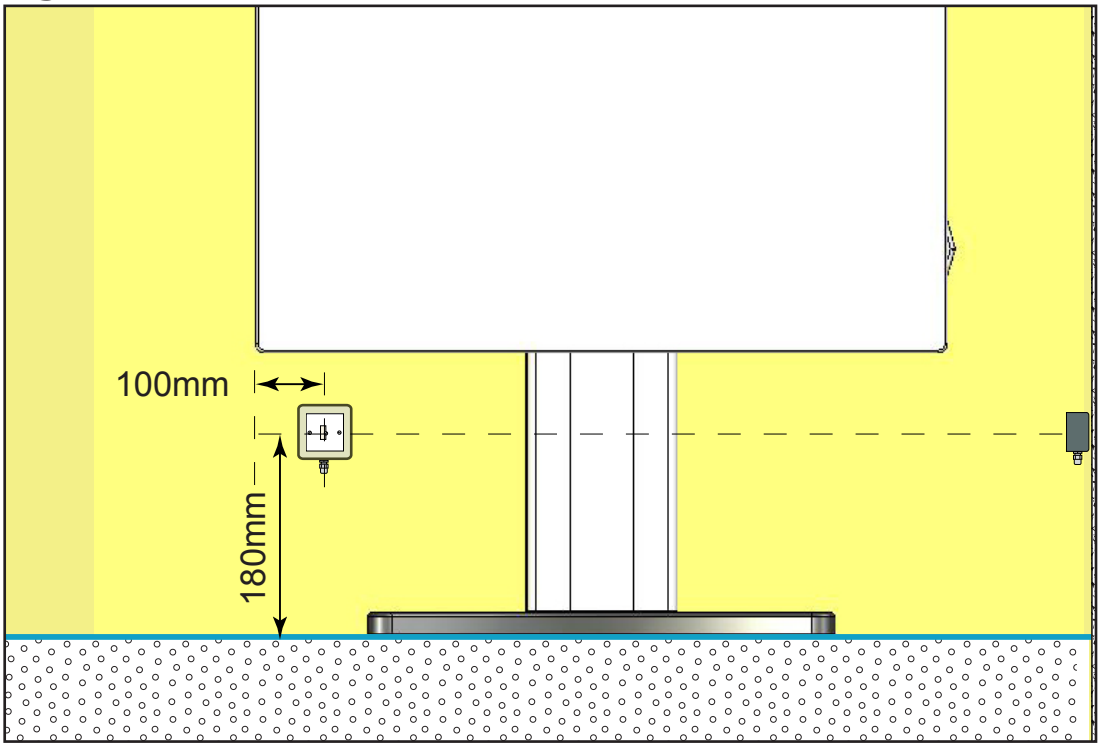


Fig 8



Technical Information.

Electrics
A.C. Input 220 - 240V~, 50/60Hz, 1.25kW Maximum.
DC Output, (internal) 24v, 8 Amps.

Safe Working Load	**Test Load**
300 Kilograms	375 Kilograms

Length

1700mm.	1780mm required to provide minimum clearance.
1900mm.	1980mm required to provide minimum clearance.
2100mm.	2180mm required to provide minimum clearance.
2300mm.	2380mm required to provide minimum clearance.

Width

830mm	1430mm required to provide **minimum** clearance including the clearance for the door.

Height Range

732mm Minimum	1132mm Maximum.

Water Pressures
A Minimum of 1 bar is required on both Hot and Cold water supplies.
Maximum 10 bar.
Maximum differential between Hot and Cold 5:1.

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