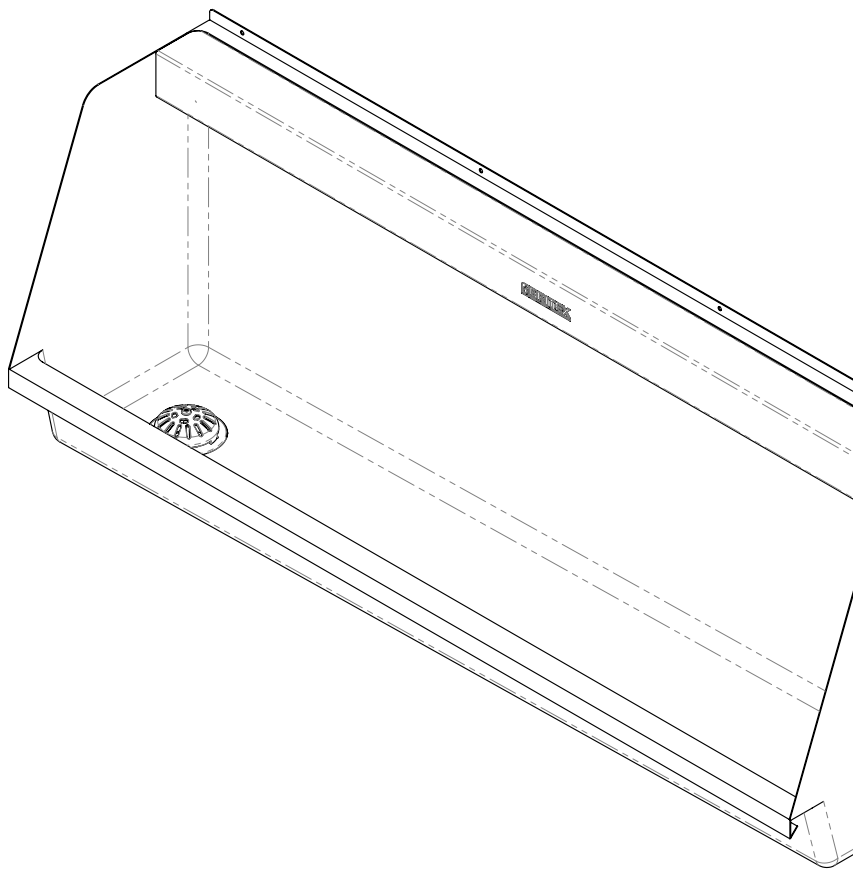


UTRO

Wall Hung Urinal Trough

Installation Guide



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IMPORTANT

ALL SERVICE TO BE PERFORMED BY AN AUTHORISED SERVICE PERSON

Installation of this unit must be in accordance with AS/NZS 3500.2, the PCA and the local regulatory requirements. Water and/or electrical supply conditions must comply to national or state requirements and standards. Failure to comply shall void the product warranty and may affect the performance of the product. For further support and after-sales care, please contact Britex.



WARNING

WHEN INSTALLATION IS COMPLETE, ENSURE THESE INSTRUCTIONS REMAIN INSIDE THE PLASTIC BAG PROVIDED WITH THE UNIT FOR FUTURE REFERENCE

About

The BRITEX Wall Hung Urinal Trough is manufactured from 1.2mm heavy duty stainless steel and is ideal for site sheds, portable buildings, and ablution blocks. Easy to install and compatible with assorted Britex flushing systems, the Britex Wall Hung Urinal Trough comes in both standard and custom sizes. WaterMark and WELS certified as required by plumbing regulations and government legislation.

Preparation and Completion Notes

Britex urinals are approved for use as per the accompanying certifications and can be coupled with cisterns, flush valves & sensor flushing systems according to specific model requirements. It is the installer's responsibility to ensure that the urinal is installed in accordance and to the regulations of the residing governing authority and all applicable plumbing code regulations. Britex Floor Mounted Urinal's are fitted with a water spreader incorporating options of rear or top mounted inlets (38mm (1.5")). As a standard practice 38mm (1.5") inlets will be provided.

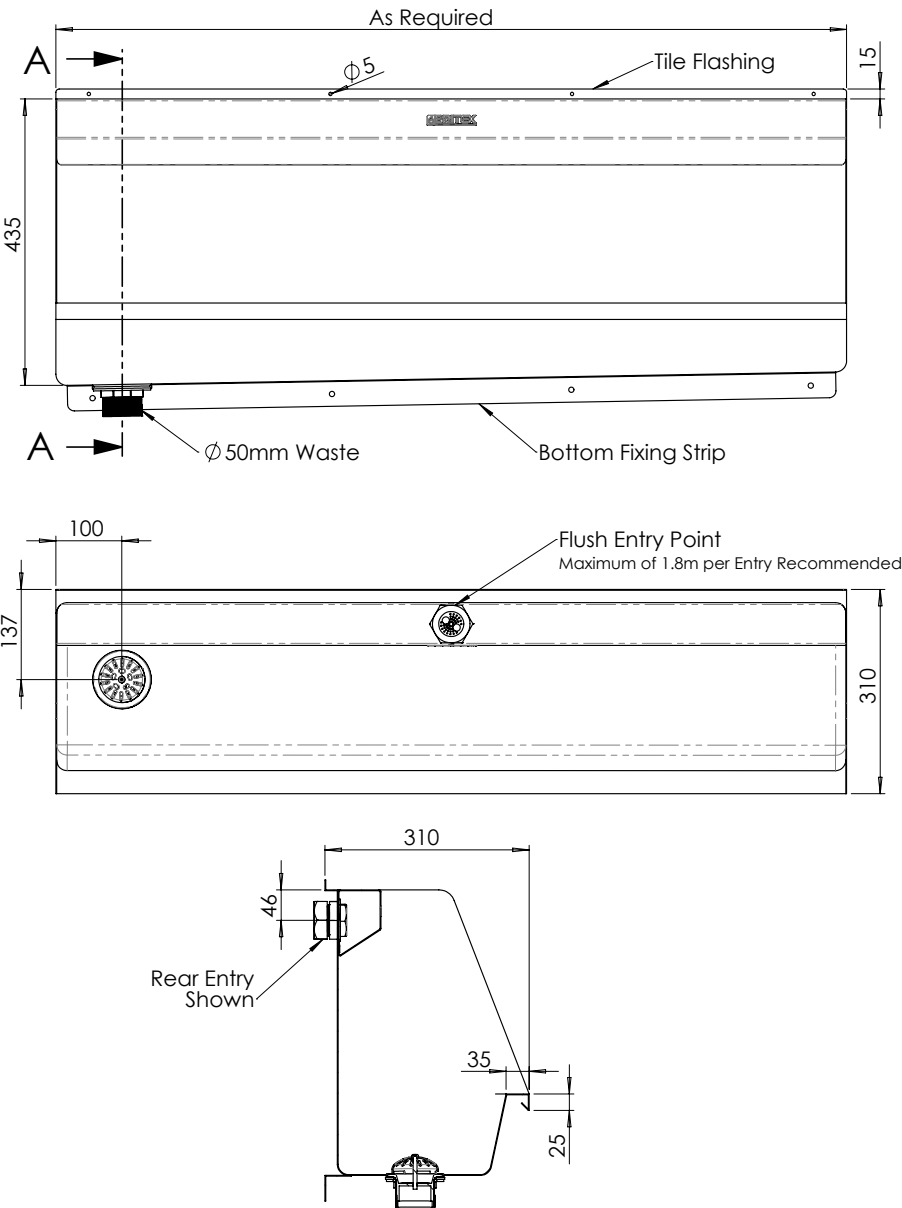
1. 38mm (1.5") Inlets: Are typically supplied to urinals that are to be flushed with cisterns or flush valves. The urinals inlet supply fitting consists of a nylon adaptor and flanged nut to suit 38mm (1.5") flush pipe tube, (copper, stainless steel etc). Alternatively, 40mm DWV PVC pipe can be used by substituting the urinal nylon flange nut for a DWV PVC Adaptor Female Iron 40mm. If a flushing device is utilised with a smaller supply line, then the nylon inlet adaptor can be reduced with appropriate fittings if the flushing device and supply requirements are in accordance with the urinal specifications.

A Discharge waste outlet vary dependent on nominated size received on order placement, but generally consist of 50mm (2").

As the urinal is to be fixed to the rear wall, ensure that the substructure will provide sufficient support to the urinal. Complete any reinforcement works as necessary and provide noggins where required. Use appropriate anchors suitable for use with the substructure to fix the urinal to the wall surface.

Protect the surface of the product during the installation process. Do not remove any PVC coatings that may have been applied to the surface until the product has been commissioned and ready to be used.

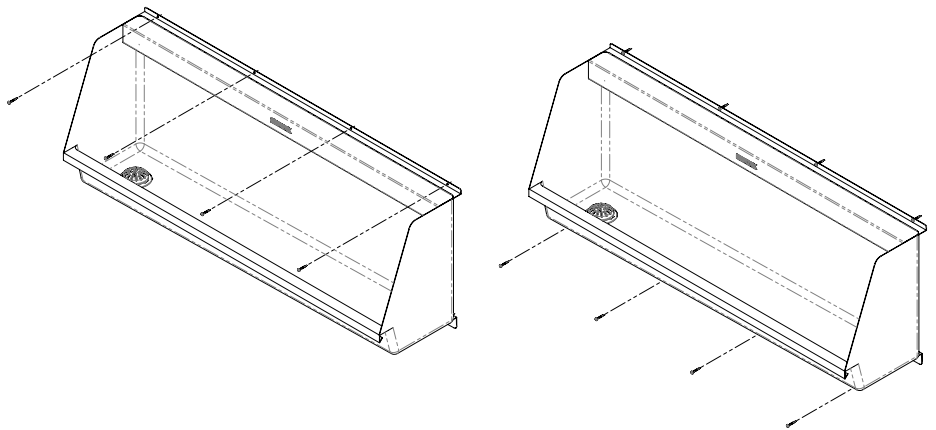
UTRO Drawing



Installation Instructions

- 1.** Prior to installing the urinal ensure the substructure has been prepared to accommodate all required services inclusive of supply lines and sanitary discharge connections. Service locations are provided on the applicable model diagrams within this document.
- 2.** Rear inlet supply connections will require the provision of a permanent front or rear access panel within the wall face to be provided above each inlet connection, or alternatively, a temporary cavity that can be sealed on the completion of connections and commissioning.
- 3.** Determine the height of the urinal to be installed. Generally, 610mm (24") for adults and 510mm (20") for juniors measured from the front lower edge of the urinal rim. Heights are suggestions only and should be in accordance with suitability of intended users and as per the governing authorities' regulations.
- 4.** Mark a horizontal datum line 325mm (12.8") above the intended installation height of the urinals lower rim edge. Then mark a vertical datum line intersecting the horizontal line at the intended centre point of the urinal's width and final positioning.
- 5.** Complete the rough in process, providing all penetrations and fixings for the supply and drainage as required. Refer to the applicable model diagrams for details in relation to positioning the discharge pipe, inlet flush pipe or flush valve components as required for the individual model being installed.
- 6.** Determine the centre point of the urinal and place a mark on the top tile lip.
- 7.** Support the urinal against the wall, lining up the top of the tile lip to the underside of the horizontal datum line. Adjust the urinal into position lining up the centre mark on the tile lip with the vertical datum line marked on the wall.
- 8.** Once satisfied with the positioning of the urinal, place a fixing anchor into one of the holes located towards the centre point of the urinal. Place a spirit level on the top surface of the urinal and then adjust the urinal into a true level and tighten the fixing anchor to hold the urinal in place.
- 9.** Install fixing anchors into the remaining fixing points ensuring the urinal does not dislodge from its level position. On completion of installing the fixing anchors to the top tile lip, ensure the urinal sits flush against the wall surface and then install fixing anchors to the fixing points within the bottom flange.
- 10.** Complete all connections for the waste discharge and flushing device to the urinal. The flushing device should then be tested and all connections checked for leaks.
- 11.** Perform a flush cycle to condition the weir sparge, followed by a second cycle to ensure that an adequate volume of water is being delivered to sufficiently flush the entire urinal face. Make any applicable adjustments to the volume of water, pressure or flow rates as necessary. Refer to the manufacturer's installation and operation manuals for any flushing devices to be coupled with the urinal.
- 12.** On the completion of commissioning the urinal, and all associated plumbing and fixtures, the perimeter of the urinal should then be sealed with an appropriate non-pickable sealer.
- 13.** Protect the urinal and do not remove the protective PVC coating while additional building works are being conducted. On completion of all building works and prior to functional use, the PVC coating should be removed and the urinal cleaned as per the following cleaning and general maintenance instructions.

Installation Instructions



Recommended Flushing Devices

| Rear Water Entry | | | | | Top Water Entry |
|------------------|--|--|---|---|--------------------------|
| | FSM1 - Smart Saniflush Sensor - Electronic | FSM2 - Smart Saniflush Sensor - Electronic | FFV-E1 - Single Plezo Button Electronic Flush Valve | FIW-SP45 - Pneumatic In Wall Cistern Single Push Button | FCP - Pull Chain Cistern |
| Urinal Length | Single Solenoid Up to 1800mm | Dual Solenoid 1800mm-3600mm | Up to 1800mm | Up to 1800mm | Up to 1800mm |
| UTRO | ✓ | ✓ | ✓ | ✓ | |

Spare Parts



74-11-0028
Urinal Waste Outlet with Dome Cover 50 x 45mm G304

Rear Entry Urinal Drawing

38mm OD flush pipe

Tile/Cladding

15mm Tile Lip to
top rear and sides

45

38mm Rear
Water Entry

152
133

Alternate flush
pipe method

40mm DWV PVC

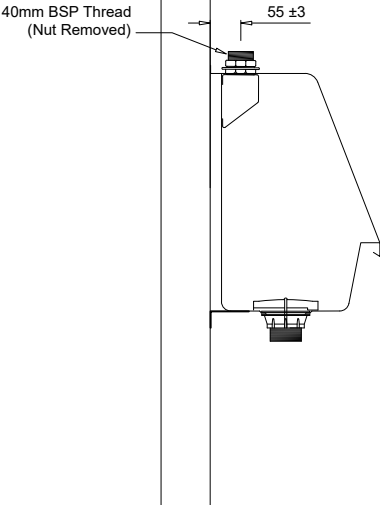
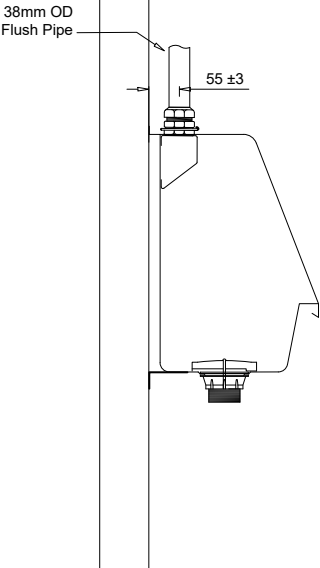
90° DWV Bend

40mm DWV Iron
Adaptor Female

Britex Urinal Water Entry
fitting with rear nut removed

Top Entry Urinal Drawing

38mm Top
Water Entry



Care and Maintenance

Cleaning: The coil at the front of the unit and the vents on the side must be kept clean from dust and lint. Regular checks of the unit should be conducted on a weekly basis and cleaning carried out as necessary by dusting with a soft brush and/or vacuuming. A damp cloth can be used to wipe the exterior cover down. Excessive build up of foreign material will result in poor ventilation, causing the compressor to overheat and drinking water to increase in temperature. High pressure hoses and water jets should never be used to clean chiller units.

Stainless steel products should be kept clean at all times. The secret to stainless steel's ability to maintain a high quality finish and promises of a long life expectancy is the invisible chromium-oxide film that sits on the surface and protects the steel beneath. To maintain this film it is essential that the surface remains clean and in constant contact with oxygen. If this film is penetrated (either by abrasion or chemically) and dirt, liquid, grime contaminants embed themselves in these micro chasms for an extended period of time, the chromiumoxide film will not be able to regenerate and the steel below will eventually become damaged and discoloured.

What we recommend for general cleaning and maintenance:

Cleaning Materials:

- A soft cloth
- A soft-bristled brush
- A natural or artificial sponge

Cleaning Solutions:

- Hand washing soap / soft water solution
- Mild soap / soft water solution
- White vinegar / soft water solution

It is recommended that general cleaning of stainless steel surfaces be carried out weekly, or as soon as a build up of surface media has been observed. To clean, simply wash stainless steel surfaces with, warm, diluted, mild soapy water using a cloth or soft bristled brush. Once all dirt, oil and grime is removed, rinse thoroughly with

clean water and wipe dry.

Do NOT – use a metal brush or steel wool to clean stainless steel. Ever. These tools will scratch the surface as well as potentially leave behind steel fragments that can go rusty and cause the stainless to discolour. Using these materials will void the warranty.

Do NOT – use scourers of any kind that have previously been used on ordinary steel. Microscopic steel fibers transferred onto stainless steel can cause considerable damage to the surface and will void the warranty.

Do NOT – use abrasive cleaning brushes, pads or agents on highly polished finishes

Do NOT use harsh cleaners that contain powerful acidic or alkaline chemicals such as hydrochloric acid and sodium hydroxide that will damage the surface. Any water coming into contact with stainless steel, particularly cleaning solutions, should have zero chloride content as even minute amounts can cause damage. Using these cleaners will void any product warranty.

Do NOT – use chlorinated sanitizers, cleansers or bleach of any kind. Using these substances will void the warranty. Despite some cleaners displaying the text, 'Suitable for Toilets and Urinals' this is more likely in reference to ceramic/vitreous China products and use of these cleaners can damage stainless steel and will void the warranty.

Do NOT – use brick cleaning liquids that contain hydrochloric acid anywhere near stainless. If cement needs to be removed from stainless (before it sets), a mixture of hot water and 25% vinegar or 10% phosphoric acid can be effective. Once cleaned, the surface should then be neutralised with dilute ammonia or sodium bicarbonate then rinsed and dried

Warranty

The BRITEX product is backed by our manufacturer's warranty available for download from our website at www.britex.com.au. We expressly warrant that the product is free from operational defects in workmanship and materials for the warranty period indicated on the schedule in the manufacturer's warranty. During the warranty period, BRITEX will repair or replace any defective products manufactured by BRITEX at no charge, provided that the terms of the manufacturer's warranty are followed.

This warranty is the only warranty given by BRITEX, and we expressly disclaim all other warranties, including but not limited to implied warranties of merchantability and fitness for a particular purpose. This warranty represents the sole and exclusive remedy for breach of warranty, and BRITEX shall not be liable for any incidental, special, or consequential damages, including lost profits, labor charges, delays, vandalism, negligence, fouling caused by foreign material, damage from adverse water conditions, chemical, electrical or any other circumstances beyond BRITEX's control.

This warranty shall be void if the product is abused, misused, improperly installed, maintained, or altered. By purchasing our product, you agree to these terms and conditions. We appreciate your business and look forward to providing you with high-quality products and services.

Notes

Notes



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