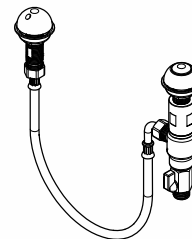


## Safe-Cell® Prison Basin Set

### PRODUCT CODE:

- 50150



### SPECIFICATIONS

- The Safe-Cell® Timeflow Push Button Valve is used in prisons, detention centres, high risk institutions, sporting facilities, schools and public area applications
- Once activated, this timed flow product will allow water to flow for approximately 15 seconds\*
- Designed for easy bench installation (maximum thickness 10mm)
- Time is based on set at 500kPa, 4LPM @ 22°C. Time is affected by temperature, flow rate and pressure
- Chrome plate finish

**Note:** This is a single temperature product, so if warm water is required this needs to be premixed prior to reaching the valve. This can be done by using a CliniMix® Thermostatic Mixing Valve.

**IMPORTANT:** All Safe-Cell® prison taps are tested in accordance with AS/NZS 3718 and leave our premises in good working order.

### TECHNICAL DATA

Inlet		½" BSP – Male
Outlet		Dome Outlet
Headwork		Time flow cartridge
Working Pressure Range (kPa)	Min	100
	Max	500
Maximum Working Temperature (°C)	Min	5
	Max	70
Nominal Flow Rate (LPM)		2.55
Construction		Brass
Finish		Chrome
<b>NOTE:</b> Galvin Engineering continually strive to improve their products. Specifications may change without notice.		

### TOOLS REQUIRED

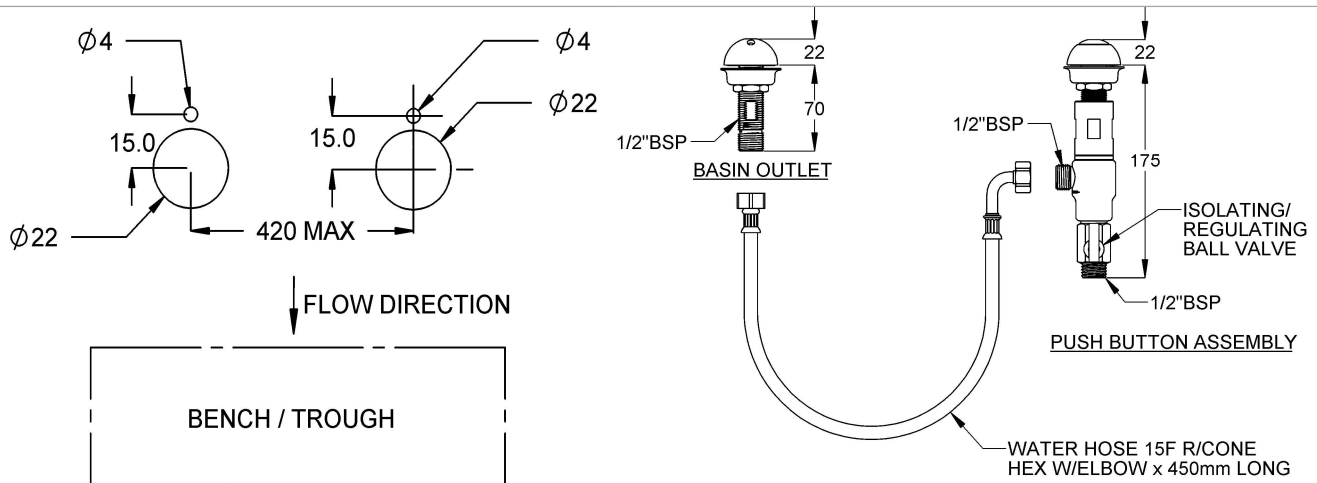
- Power drill
- Spanner or adjustable crescent

## PRE-INSTALLATION

### MOUNTING DETAILS

- If the mounting holes do not already exist, mark out and drill the holes in the bench/trough, as shown in rough-in dimensions.

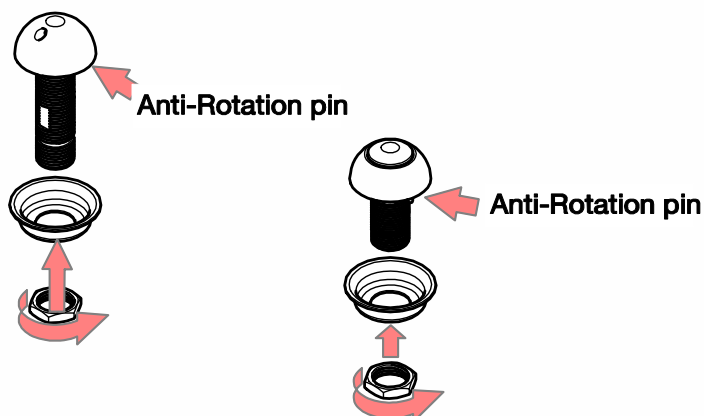
**Note:** Supplied flexi hose length is 450mm long. Maximum distance between outlet and push button adjustment is 420mm.



## INSTALLATION

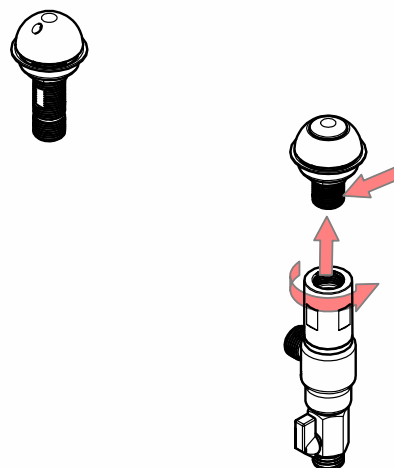
**INSTALLATION COMPLIANCE:** Galvin Engineering products must be installed in accordance with these installation instructions and in accordance with AS/NZS 3500, the PCA and your local regulatory requirements. Water and/or electrical supply conditions must also comply to the applicable national and/or state standards. Failing to comply with these provisions shall void the product warranty and may affect the performance of the product.

**IMPORTANT:** Whilst our product designs take into account a broad range of installation types and surfaces, it is important that surfaces which fixtures are mounted to are flat and free from defect. This is especially important when installing product ranges that have been designed for correctional and health facilities, where special attention is required to minimise ligature points and areas for concealment of contraband. In addition to ensuring the products are fitted securely and in accordance with the following instructions, consideration shall be given to the use of non-pick mastics such as BASF Sonolastic "Ultra" to ensure a high quality and safe installation.



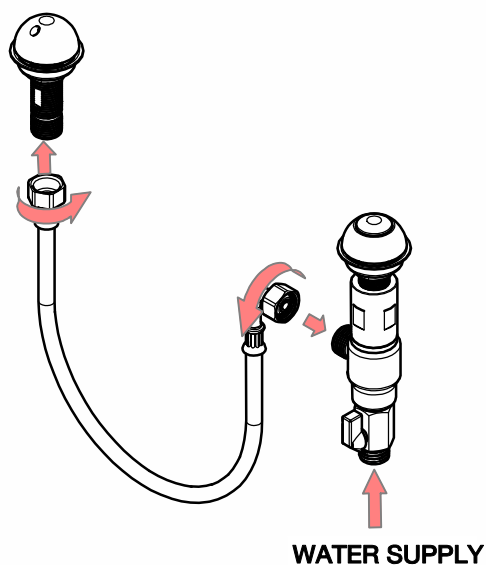
## 1. Fit push button & basin outlet

- Fit the push button and basin outlet into the bench.
- Ensure the sealing o-ring is placed underneath the push button and outlet body and the anti-rotation pin locates properly.
- Secure underneath with the supplied cup washer and back nut.



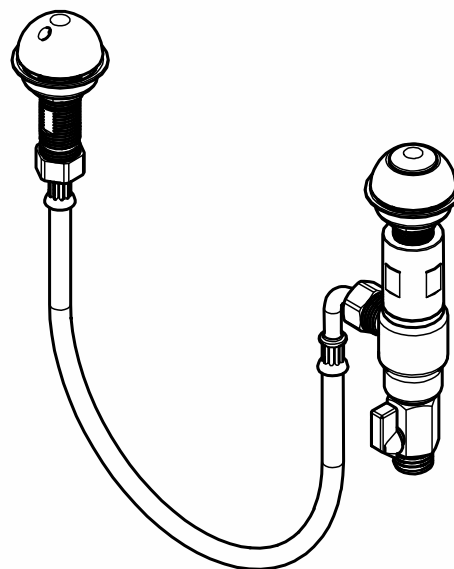
## 2. Assemble valve body

- Assemble the valve body to the push button.
- Ensure to apply thread tape for sealing. Take care not to over-tighten.



## 3. Fit flexi hose

- Connect water supply to isolation valve inlet.



## 4. Testing

- Push the button and ensure that there is flow from the outlet.
- Inspect the tap and check for any leaks.
- Adjust flow with isolation valve, so required flow is achieved

## TROUBLESHOOTING

PROBLEM	CAUSE	RECTIFICATION
Inconsistent flow	Blocked flow restrictor	Remove isolation valve, remove flow restrictor & clean with water
	Dirt in the top assembly cartridge	Remove cartridge, clean with water and re-grease spindle if required.
Continuous flow	Top assembly cartridge loose or internally obstructed or damaged.	Remove cartridge, clean with water and re-grease spindle if required.
Water is not flowing from tap	Supply not on	Turn water on
	Blocked flow restrictor	Remove flow regulator from tap and remove debris. Install an inline strainer to stop further blockages.
Rate of flow inadequate	The flow restrictor may not be satisfactory due to inadequate supply pressure	Remove flow restrictor and replace with a flow restrictor of different capacity to suit (available from Galvin Engineering)
Button hard to press	The mains pressure may be too great	Reduce to below 500kPa (70PSI), re-grease spindle if required

## WARRANTY

The warranty set forth herein is given expressly and is the only warranty given by the Galvin Engineering Pty Ltd. With respect to the product, Galvin Engineering Pty Ltd makes no other warranties, express or implied. Galvin Engineering Pty. Ltd. hereby specifically disclaims all other warranties, express or implied, including but not limited to the implied warranties of merchantability and fitness for a particular purpose.

Galvin Engineering Pty Ltd products are covered under our manufacturer's warranty available for download from [www.galvinengineering.com.au](http://www.galvinengineering.com.au) Galvin Engineering Pty Ltd expressly warrants that the product is free from operational defects in workmanship and materials for the warranty period as shown on the schedule in the manufacturer's warranty. During the warranty period, Galvin Engineering will replace or repair any defective products manufactured by Galvin Engineering without charge, so long as the terms of the Manufacturer's warranty are complied with.

The remedy described in the first paragraph of this warranty shall constitute the sole and exclusive remedy for breach of warranty, and Galvin Engineering Pty Ltd shall not be responsible for any incidental, special or consequential damages, including without limitation, lost profits or the cost of repairing or replacing other property which is damaged if this product does not work properly, other costs resulting from labour charges, delays, vandalism, negligence, fouling caused by foreign material, damage from adverse water conditions, chemical, electrical or any other circumstances over which Galvin Engineering has no control. This warranty shall be invalidated by any abuse, misuse, misapplication, improper installation or improper maintenance or alteration of the product.

*In the absence of a legal or industry definition of anti-ligature or ligature resistant products, when we use these terms, we are referring to products that are designed and manufactured with the intention of reducing the risk of ligature attachment to the product(s).*

*Galvin Engineering Pty Ltd will always endeavour to design and test our anti-ligature product(s) to reduce the risk of product ligature attachment that may result in serious injury or death.*

*Whilst all reasonable measures are taken at the time of design, the anti-ligature design of the products are not intended to and will not:*

- Replace protective measures that need to be taken in the specific circumstances of usage;*
- Substitute the need for supervision of those who may be at risk;*
- Protect and or prevent those at risk against any self-harm instances that may occur when installed; and*
- Protect and or prevent injury when the risks were unknown to us at the time of the design of the product(s).*

*Galvin Engineering Pty Ltd does not offer and does not represent or warrant that any product(s) for sale that are ligature-free.*

*Therefore, Galvin Engineering will not be liable for any claims, loss, or damages arising from ligature attachment on our products. It is the purchaser's responsibility to ensure that products purchased and installed are suitable for the environments in which they are installed, and suitable supervision and protective measures are in place to protect those at risk.*

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