

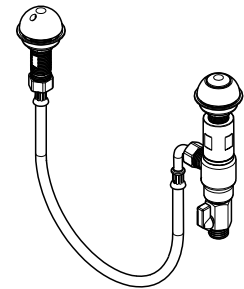
Product Installation Guidelines

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# Safe-Cell® CP-BS Lead Safe™ Prison Basin Set Concealed Timeflow with Dome Outlet – 15 Sec

PRODUCT CODE:

- 121.61.15.00



## 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 time flowed 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
- Lead Safe™ brass construction\*\*

**\*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.

\*\*Our Lead Safe™ product range is compliant with the Lead-Free Requirements of the NCC 2022 Vol. Three, Clause A5G4(2) and NSF/ANSI 372.

\*\*\*Any flow controller incorporated in the outlet to be tightened to prevent removal by hand. As Per AS3718.

**WARNINGS:** Special attentions to be paid on notes, photos, images, or drawings of assembly steps marked with the warning symbol.



## TECHNICAL DATA

Inlet	G ½" – Male	
Outlet	Domed Outlet	
Headwork	Timeflow cartridge	
Working Pressure Range (kPa)	Min	100
	Max	500
Working Temperature Range (°C)	Min	5
	Max	65
Nominal Flow Rate (LPM)	2.43	
Construction	Brass	
Finish	Chrome	

**NOTE:** Galvin Engineering continually strive to improve their products. Specifications may change without notice.

## TOOLS REQUIRED

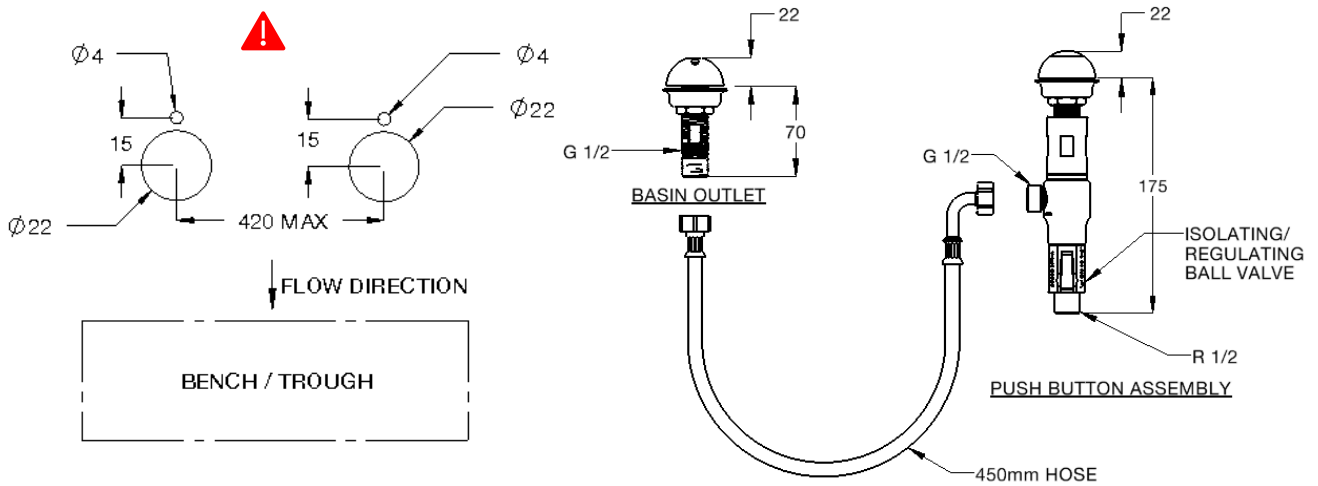
- Power drill
- Spanner or adjustable crescent

**PRE-INSTALLATION**

**MOUNTING DETAILS**

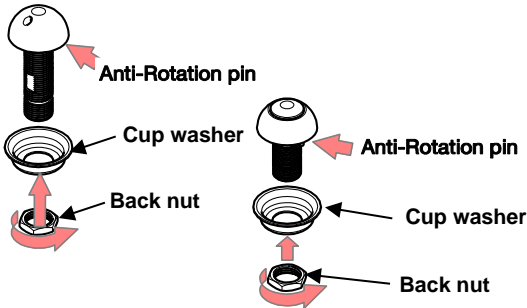
- If mounting holes do not already exist, mark out and drill the holes in the bench/trough, as shown in rough-in dimensions.
- Ensure alignment of  $\varnothing 4$ mm hole is as shown.

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



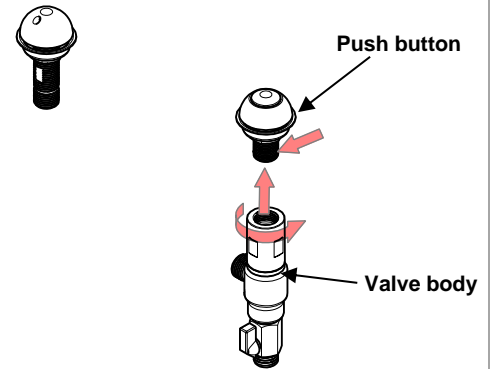
**INSTALLATION**

**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.



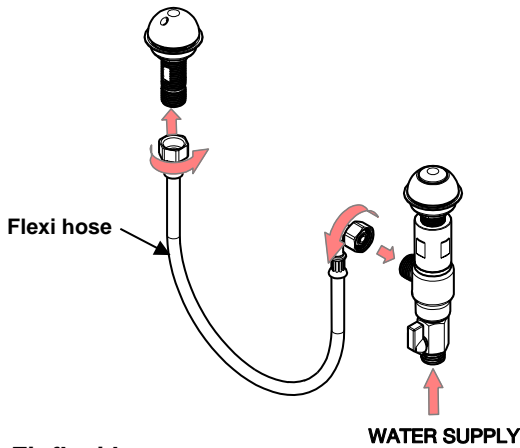
**1. Fit push button & basin outlet**

- Fit the push button and basin outlet into the bench.
- Ensure the sealing o-rings are in position underneath the push button and outlet body.
- Before securing the outlet, ensure anti-rotation pin is aligned with the Ø4mm hole.
- Secure underneath with the supplied cup washer and back nut. Take care not to overtighten.



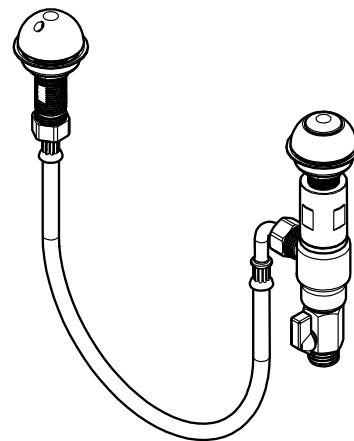
**2. Assemble valve body**

- Connect the valve body to the push button.
- Ensure thread tape is applied for sealing. Take care not to overtighten.



**3. Fit flexi hose**

- Fit flexi hose to outlet and valve body
- Connect mains water and turn on
- Ensure thread tape is applied for sealing



**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 to achieve required flow

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	Water supply not turned on	Turn water on
	Blocked flow restrictor	Remove flow restrictor from tap and remove debris. Install an in-line strainer to stop further blockages.
Rate of flow inadequate	The flow restrictor may not be performing 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 high	Reduce to below 500kPa (70PSI), re-grease spindle if required

**WARRANTY**

Galvin Engineering products are covered under our Manufacturer's Warranty. Galvin Engineering products must be installed in accordance with the installation instructions and in accordance with AS 3500 and NCC Volume Three, relevant Australian Standards and local authorities applicable to product being installed. Water and electrical supply conditions must also comply to the applicable national and/or state standards, failing to comply with these provisions may void the product warranty and affect performance of the product.

Please visit [www.galvinengineering.com.au](http://www.galvinengineering.com.au) to view the full warranty, our Installation Compliance and Maintenance & Cleaning information as well as any other additional information.

*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:*

- a. Replace protective measures that need to be taken in the specific circumstances of usage;*
- b. Substitute the need for supervision of those who may be at risk;*
- c. Protect and or prevent those at risk against any self-harm instances that may occur when installed; and*
- d. Protect and or prevent injury when the risks where 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.*

