

GalvinCare® Anti-Ligature Shower Mixer



PRODUCT CODES:

- 42030US

SPECIFICATIONS

- The unique design concept eliminates the institutional look and provides anti-ligature features and vandal resistant compliance.
- Easy operation allows the shower to be activated with the palm of your hand or fingers.
- 170mm round polished stainless steel faceplate gives a homely look, and can withstand heavy knocks.
- Easy temperature blending and operation to ensure comfort and safety for the user.
- Bevelled edges for maximum tight fixing.
- This item is designed for easy panel installation (maximum thickness 18mm).
- Access to the rear of the unit is required to fit this product.
- If a removable panel is to be used (front mounting) then flexible hoses for the water inlet and the shower outlet must be used.
- Water supplies shall be at reasonably balanced pressures from a common source (e.g. hot and cold supplies both from the same storage or both from a supply pipe). Where the fitting is supplied from unbalanced supplies (e.g. hot and cold supplies from separate sources) an 'Approved' single check valve or some other no less effective backflow prevention device shall be fitted immediately upstream of both hot and cold water inlets.

IMPORTANT: All GalvinCare® mental health taps are tested and leave our premises in good working order. **The following instructions must be followed in all respects and read in conjunction with Clinimix® Progressive Thermostatic Mixing Valve Manual.**

TECHNICAL DATA

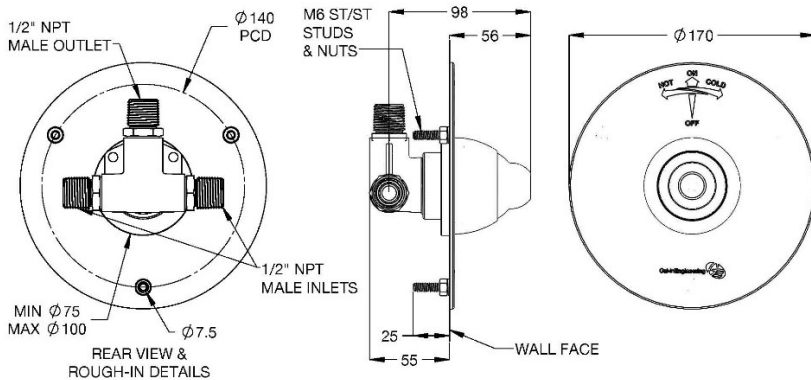
Inlet	½" NPT – Female	
Outlet	½" NPT – Female	
Headwork	Ceramic Disc Cartridge	
Working Pressure Range (kPa)	Min	50
	Max	500
Working Temperature Range (°C)	Min	5
	Max	90
Construction	DZR Brass	
Finish	Chrome	

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

PRE-INSTALLATION

MOUNTING DETAILS – OVERALL DIMENSIONS

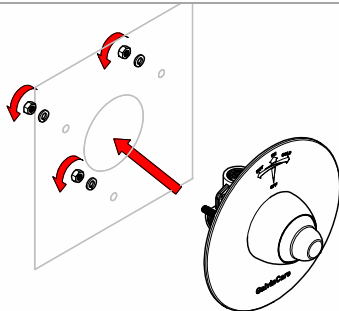
- Cut $\varnothing 75\text{mm}$ - $\varnothing 100\text{mm}$ hole in mounting panel then drill 3 holes $\varnothing 7.5\text{mm}$ as shown in the rough in details.
- Maximum panel thickness to be 18mm.



INSTALLATION

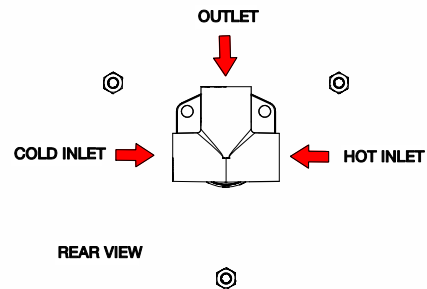
INSTALLATION COMPLIANCE: Galvin Engineering products must be installed in accordance with these installation instructions and your local regulatory requirements. Water and/or electrical supply conditions must also comply to the applicable national and/or state standards. Failing to comply with these 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 faceplate assembly

- Fit the faceplate assembly into the panel.
- Secure with supplied M6 nuts and spring washers.



2. Connect water supply

- Connect the water supply to the correct inlet, ensuring a suitable sealing compound is used.

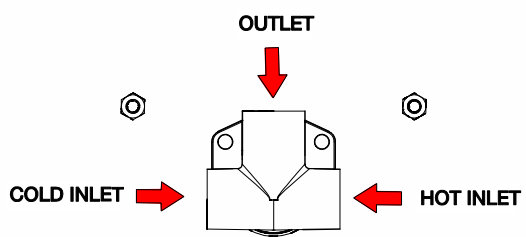
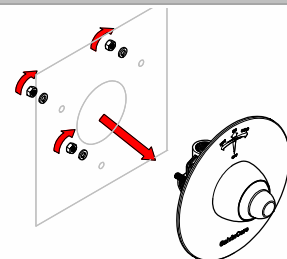
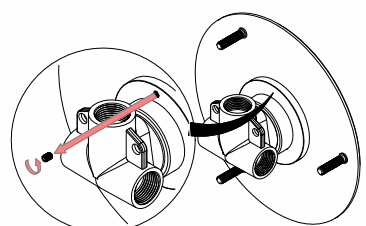
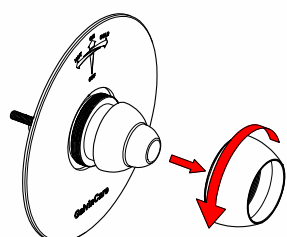
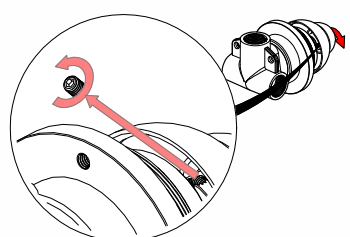
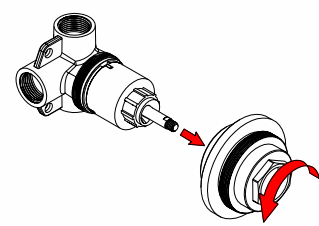
Note: Water supply lines should be flushed before installation. The use of in-line strainers is highly recommended.

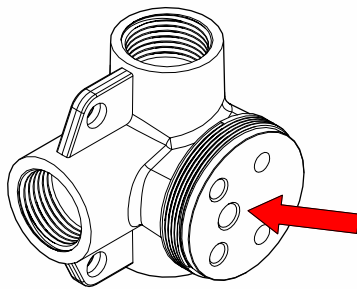


3. Testing

Once fitted, test body unit for leaks and correct operation.

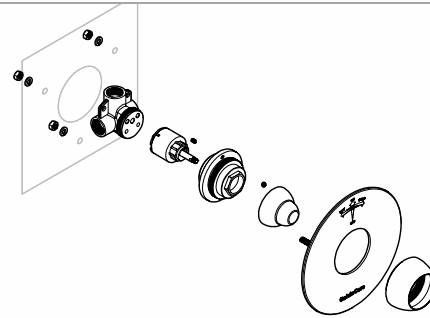
TROUBLESHOOTING		
PROBLEM	CAUSE	RECTIFICATION
Faceplate does not sit flush on panel surface.	Mounting holes not drilled to the correct size, PCD is incorrect or the panel is not flat.	Re-drill as per rough in details Replace or straighten panel.
The desired mixed water temperature cannot be obtained	Hot and cold water supply are fitted to the wrong connections.	Re-fit the valve with hot and cold water supply to the correct connections.
	Waterway contains debris preventing correct operation.	Water supply issue – contact facility management.
Valve will not shut off	Cartridge contains debris.	Clean or replace cartridge.

SERVICE AND MAINTENANCE	
 <p>1. Disconnect water line</p> <ul style="list-style-type: none"> – Turn off the water supply and turn on the tap handle to release any pressure in the lines. – Disconnect cold, hot & outlet water connections. 	 <p>2. Remove faceplate assembly</p> <ul style="list-style-type: none"> – Remove M6 nuts from studs. – Pull out faceplate assembly from the panel.
 <p>3. Remove grub screw</p> <ul style="list-style-type: none"> – Loosen grub screw from the rear of the body assembly. 	 <p>4. Remove faceplate</p> <ul style="list-style-type: none"> – Remove dress flange.
 <p>5. Remove handle</p> <ul style="list-style-type: none"> – Loosen grub screw from underneath the handle. – Unscrew handle. 	 <p>6. Remove faceplate nut and check cartridge</p> <ul style="list-style-type: none"> – Unscrew faceplate nut and remove cartridge – Check the cartridge for wear and damage. Replace if required with cartridge replacement kit available through your supplier (use of incorrect cartridge could stop the shower from working).



7. Check & Clean the body

- Check and clean the body of all debris.



8. Re-assemble

- Re-assemble, by reversing steps 6 to 1, ensuring sealing compound is used when connecting water supply and outlet.



9. Re-test

Once fully assembled turn on water supply and check for leaks and correct operation.

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 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.

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