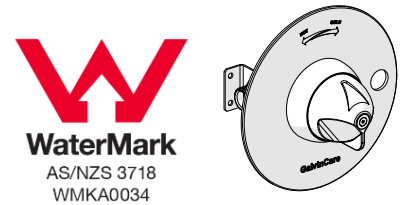


# GalvinCare® Mental Health Tapware

## PRODUCT CODES:

- 50197



### SPECIFICATIONS

- This product's unique design concept eliminates the institutional look, provides anti-ligature features and vandal resistant compliance
- The paddle design handle allows activation with minimal effort.
- The 170mm round faceplate has a polished finish for a homely look and can withstand heavy knocks
- Bevelled edges provide tight fixing
- This item is designed for wall installation

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

### TECHNICAL DATA

Inlet	G ½ – Male	
Outlet	G ½ – Female	
Headwork	Diverter Cartridge	
Working Pressure Range (kPa)	Min	50
	Max	500
Working Temperature Range (°C)	Min	5
	Max	90
Finish	Chrome / Polished Stainless Steel	

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

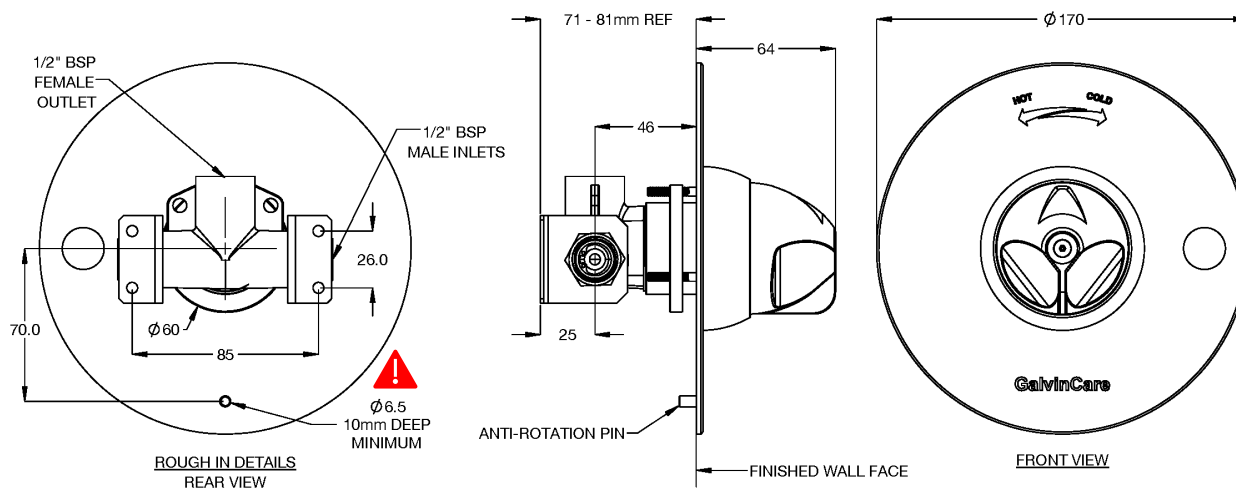
### TOOLS REQUIRED

- Power drill
- Spanner or adjustable crescent

## PRE-INSTALLATION

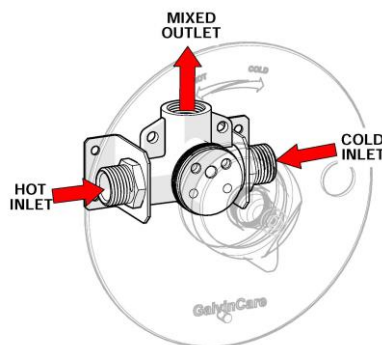
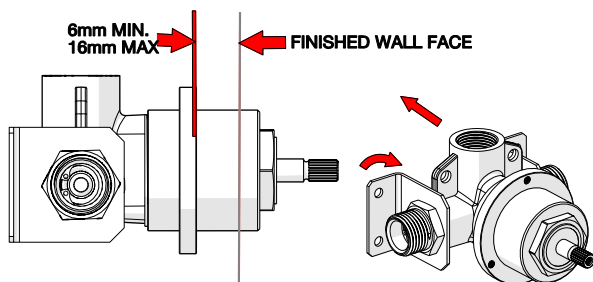
### MOUNTING DETAILS – ROUGH IN & OVERALL DIMENSIONS

- ! – Suitable for in-wall mounting
- ! – Drill  $\varnothing 6.5\text{mm}$  hole as shown for Anti-Rotation pin.



## INSTALLATION

**IMPORTANT:** 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 body assembly

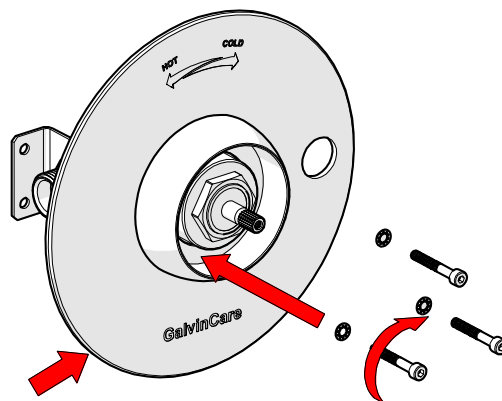
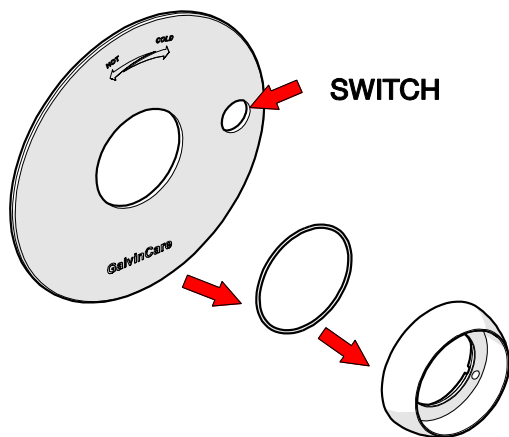
- Secure body with mounting brackets as indicated, ensure it is protruding past the finished wall between 6mm minimum and 16mm maximum.
- Brackets are suitable for horizontal and vertical mounting.
- It is critical that the centre line of the cartridge spindle is perpendicular to the finished wall to ensure correct fitment of the faceplate and flange.

### 2. Connect water supply

- Connect water supply to correct inlets as shown, ensure a suitable sealing compound is used
- Connect correct outlet connection to shower outlet.



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



### 3. Fit faceplate & flange

- Fit supplied o-ring into groove on the back of the flange.
- Fit faceplate on to shoulder of flange.
- Fit the switch (not supplied) to faceplate.



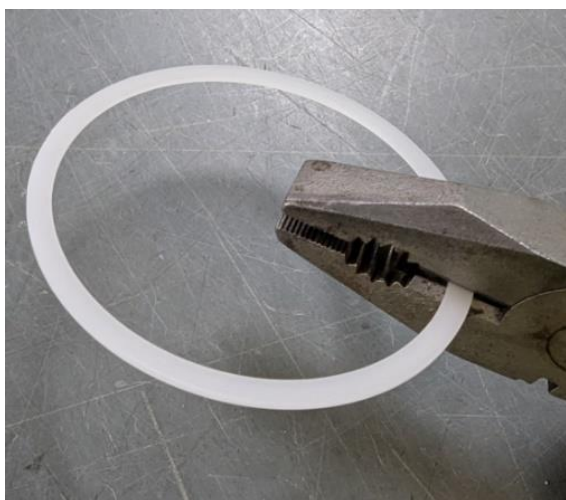
**Note:** Cartridge spline must be parallel with the faceplate within 1°.

### 4. Secure flange

- Slide faceplate and flange onto the body.
- Secure with three M4x20mm Phillip screws and lock washers, ensure the faceplate anti-rotation pin is pushed through the Ø6.5mm hole.



**Note:** Before tightening the flange make sure the handle fits correctly. Put screws into flange and tighten finger tight, the flange should still be able to move. Slide the handle onto the spline and move the flange until central to the handle. Remove handle and tighten the screws (it is best to tighten the screws in sequence a little at a time to avoid the flange moving).

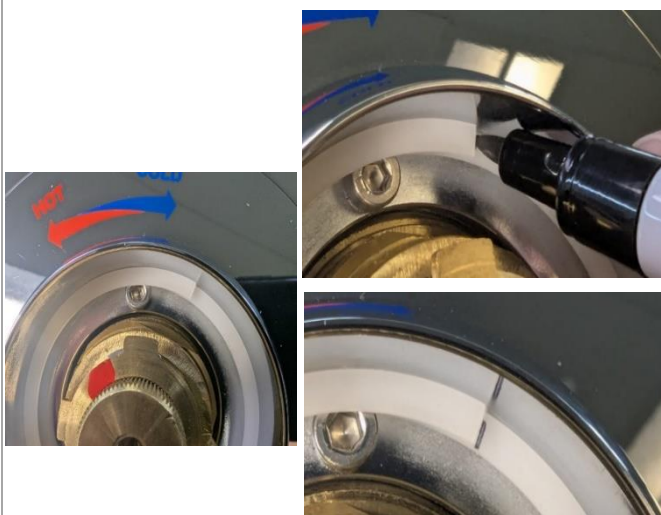


### 5. Acetal washer initial cut

- Create a cut on one of the two provided Acetal washer circumference as shown. Make sure the cut line is pointing towards washer center. The other washer will be a spare part.



**Note:** To ensure the washer retains its form and achieves its best fitment, cutting of the washer is required during installation.

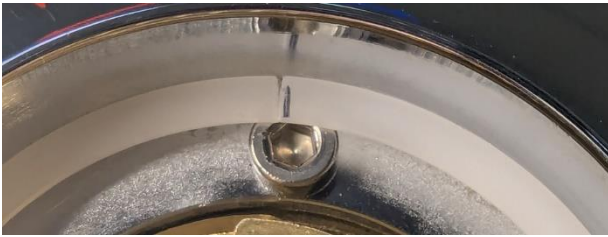


### 6. Acetal washer marking

- Place the split washer inside the flange on top of the 3 bolts as shown.
- Mark the overlapping part of the split washer as shown.



**Note:** Make sure the washer is positioned concentrically from the assembly.

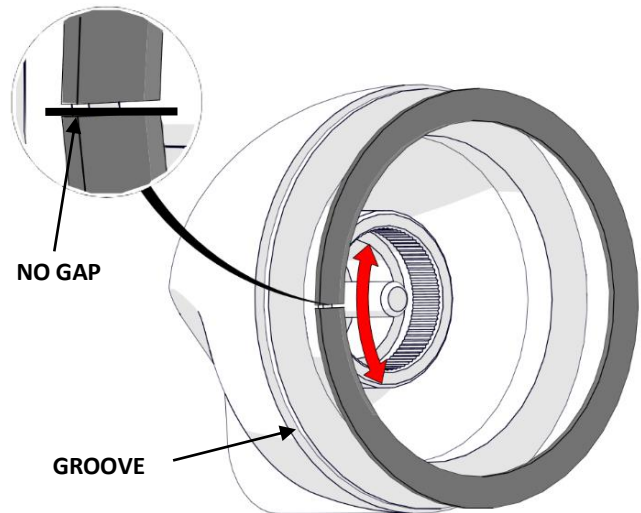


### 7. Acetal washer final cut

- Take the split washer out of the assembly, cut it at the designated mark, and then put it back into the flange. Finally, check to make sure there's no space between the washer and the flange, and that the washer is positioned correctly.

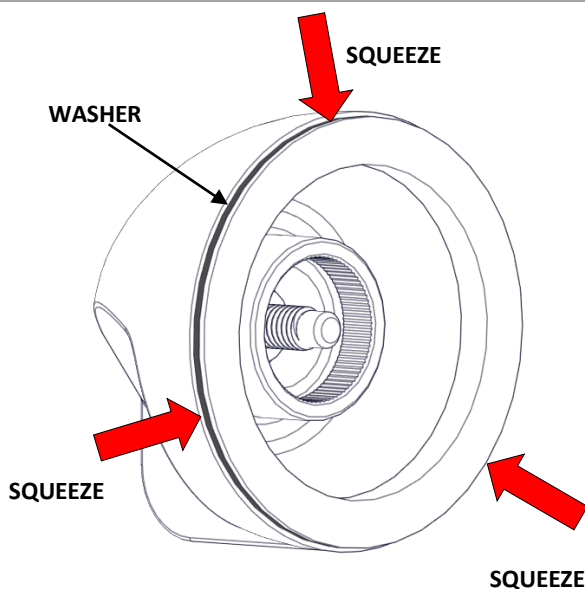


**Note:** Make sure the washer is positioned concentrically from the assembly.



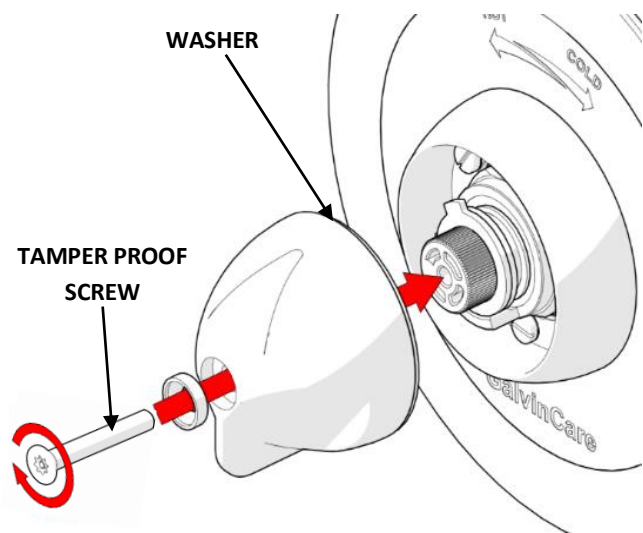
### 8. Acetal washer placement

Stretch the split washer gently and fit it into the groove.



### 9. Acetal washer positioning

- Fit the split washer in the groove of the handle, squeeze it all around.



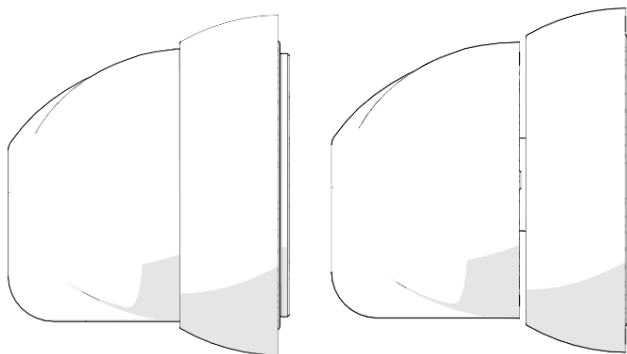
### 10. Fit handle

- Fit the handle so the arrow shape on top of the handle matches the marking on the faceplate. Keep the washer in the groove of the handle and push the handle into the flange and fasten with supplied tamper proof screw.



### 11. Cut gap verification

- Once handle is assembled, verify if the cut-gap is less than 1mm. If you see larger gap a new washer needs to be cut and fitted.



### 12. Handle gap verification

- Verify that the assembled handle is positioned correctly as illustrated.

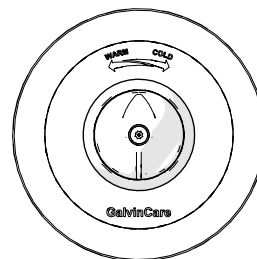


**Note:** There must be no exposed gap between the handle and the flange.

## OPERATION AND TESTING

After installation, check for leaks and correct operation.

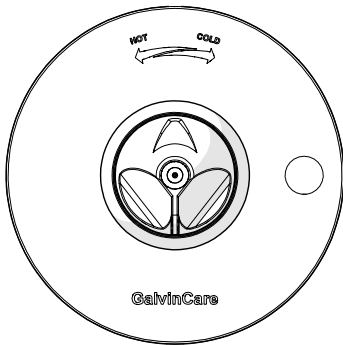
As the handle is rotated anti-clockwise the delivered water progresses from cold through warm to the pre-set maximum temperature of approximately 41°C.



## TROUBLESHOOTING

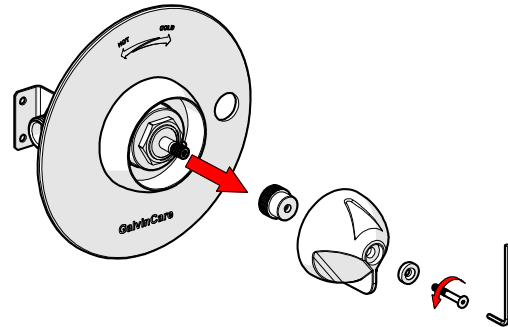
PROBLEM	CAUSE	RECTIFICATION
Faceplate does not sit flush on wall	Diverter not mounted perpendicular to wall	Remove and re-mount so the body is perpendicular to finished wall
Handle rubs against the flange	The faceplate is not perpendicular to cartridge spline within 1°.	Remove and re-mount properly ensuring faceplate is within 1° perpendicular to cartridge spline.
Water flow does not match faceplate markings	Handle not aligned correctly to faceplate	Remove handle and rotate on the spline until handle matches faceplate. Re-tighten
	Outlet on body not connected to the correct service outlet	Change outlet connection on body

## SERVICE AND MAINTENANCE



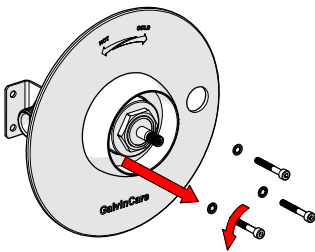
### 1. Turn off water

- Turn off the water supply and turn on the tap handle to release any pressure in the lines
- Disconnect the plug from controller
- Disconnect cold, hot and inlet water connections



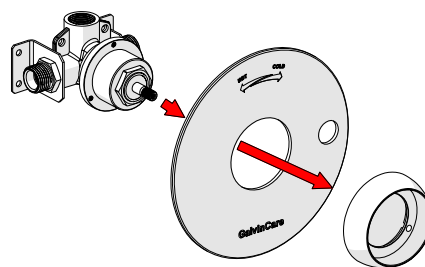
### 2. Remove handle assembly

- Unscrew tamper proof screw from handle
- Pull out handle assembly from the body

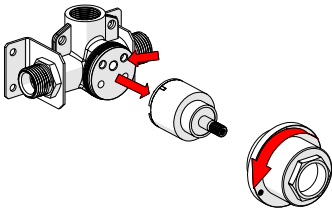


### 3. Remove flange screws

Unscrew the flange screws



### 4. Remove faceplate (with button) and flange



#### 5. Remove cartridge nut and check cartridge

- Unscrew cartridge nut and remove cartridge.
- Check the cartridge for wear and damage. Replace if required with cartridge replacement available through your supplier



**Note:** Check and clean the body of all debris



#### 6. Re-assemble

- Re-assemble, by reversing steps 5 to 1. Ensuring sealing compound is used when connecting water supply and outlet. Turn on water and check for correct operation



## 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.

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