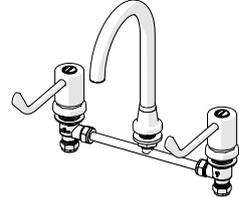


**Product Installation Guidelines**

# CliniLever<sup>®</sup> CP-BS Hospital Sink Set Swivel Taps

**PRODUCT CODES:**

- TCSSC150C      - TCSSC80C
- TCSSJ150C      - TCSSJ80C



**SPECIFICATIONS**

- The Galvin Specialised CliniLever<sup>®</sup> product range is primarily used for hand washing applications in medical facilities, hospitals, aged care facilities, schools and in-home care.
- CliniLever<sup>®</sup> products provide state of the art features to comply with the latest healthcare guidelines.
- The dual levers are easy to access and operate which simplifies hand washing.
- All CliniLever<sup>®</sup> range is laminar flow (not aerated).
- Our highly sought after lever handle design can be operated with elbows or wrists to avoid hand contact.
- The main body is made of solid dezincification resistant (DR) brass rod, with a DR brass gooseneck outlet.
- Quick action SBA's include brass jumper valve / ceramic disc components, with red and blue indicator buttons on 80mm or 150mm lever action handles.

**IMPORTANT:** All CliniLever<sup>®</sup> healthcare taps are tested in accordance with AS/NZS 3718 and leave our premises in good working order.

**TECHNICAL DATA**

Inlet	1/2" CU/BSP	
Outlet	Laminar Flow	
Headwork	Jumper Valve / Ceramic Disc	
Working Pressure Range (kPa)	Min	50
	Max	500
Working Temperature Range (°C)	Min	5
	Max	65
Nominal Flow Rate (LPM)	5.15	
Finish	Chrome	

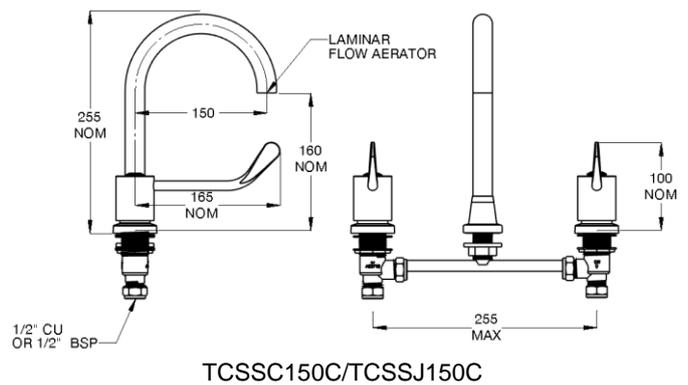
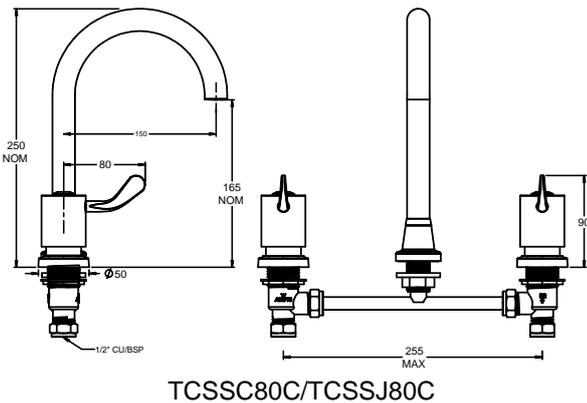
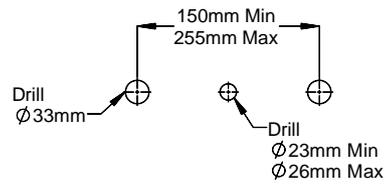
**NOTE:** Galvin Specialised continually strive to improve their products. Specifications may change without notice.

**TOOLS REQUIRED**

- Power drill, spanner or adjustable crescent
- Copper tube cutter

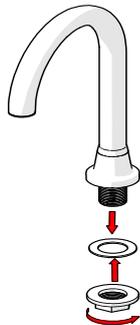
**PRE-INSTALLATION- MOUNTING DETAILS**

- If the mounting holes do not already exist, mark out and drill the holes in the bench/trough to suit your requirements. The hole centres for the handles must be between 150mm and 255mm.
- Ensure the centre hole is equally spaced between the 2 larger holes



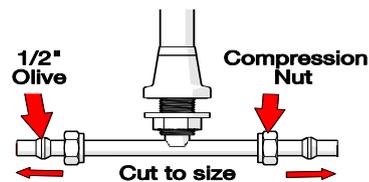
**INSTALLATION**

**IMPORTANT:** Galvin Specialised 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.



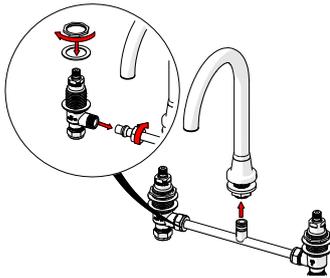
**1. Fit Spout**

- Fit the CliniLever® gooseneck spout into the bench.
- Ensure the sealing washer is placed underneath the base body.
- Position the spout to the front and secure underneath with the supplied flanged back nut.
- Take care not to over-tighten.



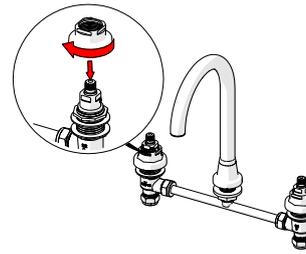
**2. Cut copper breach**

- Measure the distance between the basin body holes.
- Mark out the base copper tee using this measurement, subtracting 15mm from each end to allow for the basin body compression nuts.
- Ensure it is equal distance from the centre.
- Cut to size with pipe cutter and de-burr both ends.



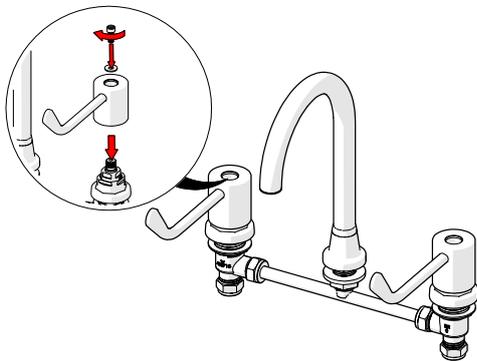
### 3. Fit basin/sink body

- Assemble basin bodies to the copper breach.
- Ensure the olive is positioned over the copper breach for sealing.
- Tighten the compression nut, taking care not to overtighten, as this may damage the olive.
- Insert the basin bodies and copper breach assembly up through the pre-cut holes.
- Centre the basin bodies.
- Carefully insert the copper breach into the spout, to avoid damage to the o-rings.
- Secure in place with supplied washer and locking nut.
- Ensure that the set is installed with hot and cold in the correct location. NOTE: Jumper Valve: Groove on the spindle assembly indicates hot.



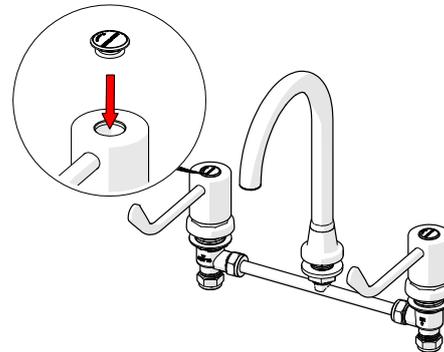
### 4. Fit basin/sink flange

- Tighten the vanity flange onto the threaded basin body.



### 5. Fit handle

- Ensure the spindle is in the closed position and firmly press the CliniLever® lever handle onto the spindle in the desired orientation.
- Check the operation of the CliniLever® lever handles. They should turn freely for a full ¼ turn.
- Secure the handles in position using the supplied stainless steel cap screws and washers.



### 6. Fit water temperature indicator & testing

- Once the CliniLever® lever handles are secure, fit the appropriate water temperature indicators.
- Hot/warm on the left handle, cold on the right.
- Once secured, connect the hot and cold water.
- Open the lever handles and ensure that there is flow from both hot and cold inlets.
- Inspect the tap and check for any leaks.

<b>TROUBLESHOOTING</b>		
<b>PROBLEM</b>	<b>CAUSE</b>	<b>RECTIFICATION</b>
Taps are dripping water	Jumper valves are worn or damaged	Replace jumper valve
	Ceramic discs are worn or damaged	Remove and inspect SBA. Remove debris and/or replace SBA if damaged.
	Tap seat is damaged	Refurbish tap seat using a reseating tool.
Water is leaking from spindle	O-ring on jumper valve spindle is damaged or worn	Replace o-ring
Water is not flowing from tap	Water is turned off	Turn water on
	Aerator or flow regulator is blocked by debris	Remove aerator and/or flow regulator from tap and remove debris. Install an inline strainer.
Spindle is difficult to turn (jumper valve)	Build up of scale on spindle, spindle worn or o-ring has been damaged	Remove jumper valve, clean and regrease. Replace o-ring. Complete SBA may need to be replaced.
Handle is loose	Screw has come loose	Tighten handle screw
Flange does not screw down onto basin/sink surface	Tap body are set too far out	Re-position tap body and breach piece

<b>SERVICE AND MAINTENANCE</b>	
<b>JUMPER VALVE TAPWARE</b>	<b>CERAMIC DISC TAPWARE</b>
<ol style="list-style-type: none"> <li>Turn off the water supply and turn the tap handle to drain water from the bodies.</li> <li>Remove the temperature indicator from the handle.</li> <li>Remove the handle from the tap.</li> <li>Unscrew the top assembly from the body.</li> <li>Check the o-ring on the spindle and the jumper valve for wear and damage. Replace if required.</li> <li>Clean the spindle and body of debris.</li> <li>Place a new o-ring (if required) onto the spindle and re-grease with potable water approved grease.</li> <li>Re-assemble top assembly. Follow the product installation guidelines for the relevant product re-assembly method.</li> </ol>	<ol style="list-style-type: none"> <li>Turn off the water supply and turn the tap handle to drain water from the bodies.</li> <li>Remove the temperature indicator from the handle.</li> <li>Remove the handle from the tap.</li> <li>Unscrew the ceramic head part from the body.</li> <li>Check the o-ring on the ceramic head part for wear and damage. Replace if required.</li> <li>Clean the head part and the body of any debris.</li> <li>Replace the cartridge and hand tighten back into the body.</li> <li>Follow the product installation guidelines for the relevant product re-assembly method.</li> </ol>

## 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.