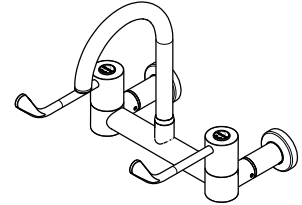


CliniLever® CP-BS Lead Safe™ Hospital Wall Mixing Set



PRODUCTS

Item Code	Description	WELS Rating	Water Consumption	Nominal Flow Rate	Outlet	Headworks
102.20.11.00	CliniLever® CP-BS Lead Safe™ Hospital Wall Mixing Set Type 51 Fixed 150 J/V	5	5.0	4.96	Laminar Flow	Jumper Valve
102.21.11.00	CliniLever® CP-BS Lead Safe™ Hospital Wall Mixing Set Type 51 Swivel 150 J/V	5	5.5	5.27	Laminar Flow	Jumper Valve
102.20.21.00	CliniLever® CP-BS Lead Safe™ Hospital Wall Mixing Set Type 51 Fixed 150 C/D	6*	3.5	3.32	Laminar Flow	Ceramic Disc
102.21.21.00	CliniLever® CP-BS Lead Safe™ Hospital Wall Mixing Set Type 51 Swivel 150 C/D	5	5.0	4.90	Laminar Flow	Ceramic Disc

*Some products are dual star rated. See "Dual-Star Rated Items" table for more information.

SPECIFICATIONS

- The CliniLever® product range is primarily used for hand washing applications in medical facilities, hospitals, aged care facilities, schools and in-home care.
- CliniLever® products provide state of the art features to comply with the latest healthcare guidelines.
- The dual levers for on/off, hot and cold temperature have a straightforward operation which simplifies hand washing.
- All CliniLever® products provide laminar flow (not aerated).
- Our highly sought after lever handle design is easily 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 includes brass ceramic cartridge component, with red and blue indicator button on 150mm lever action handles.
- Lead Safe™ brass construction. *

IMPORTANT: All CliniLever® healthcare 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	1/2" BSP – Female	
Working Pressure Range (kPa)	Min	50
	Max	500
Working Temperature Range (°C)	Min	5
	Max	65
Construction	Brass	
Finish	Chrome	

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

TOOLS REQUIRED

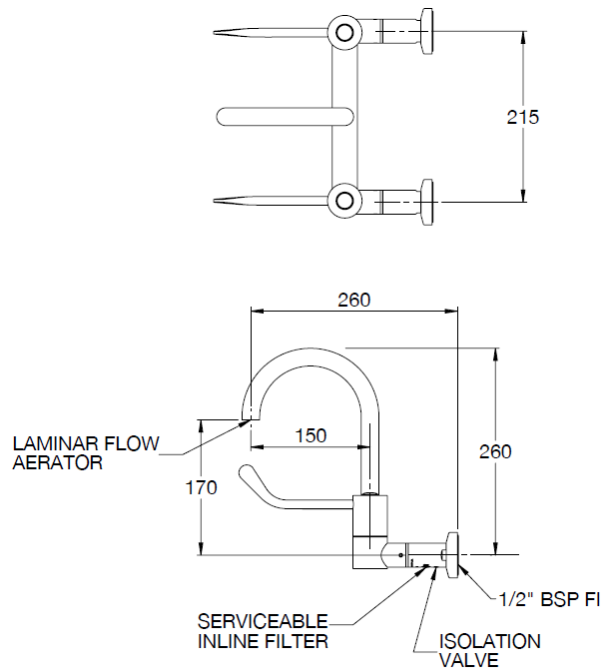
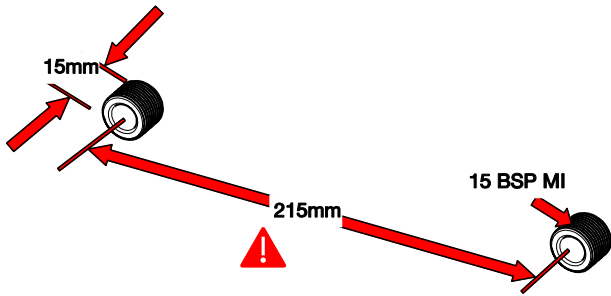
- Power drill	- Spanner	- Hex key	- Thread tape
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PRE-INSTALLATION - MOUNTING DETAILS

Hole Centres 

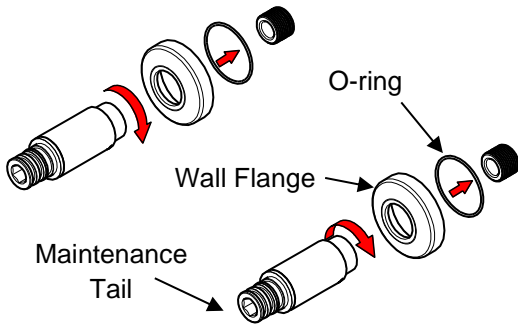
- Hole centres must be at 215±0.5mm
THIS IS CRITICAL TO ENSURE EASY INSTALLATION.
- Wall spuds must be 15BSP MI and protrude from the finished wall by no more than 15mm

Note: In some situations, a male thread connection on the tap may be more suited. If so, please contact us on 1300 514 074



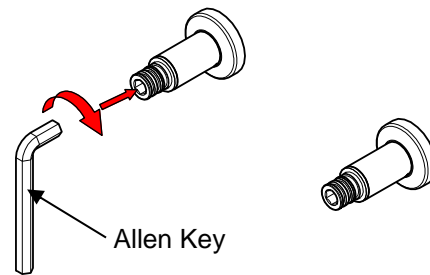
INSTALLATION

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.



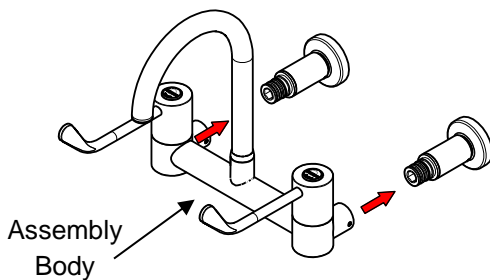
1. Fit wall flange

- Remove the maintenance tail from the assembly body and take the wall flanges out of the packaging.
- Ensure O-rings are secure in the rear of the wall flange and slide over the maintenance tail.



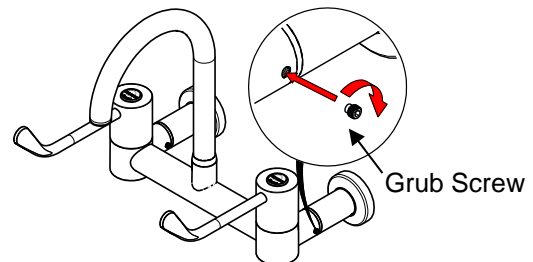
2. Fit maintenance tail

- Fit the maintenance tail with wall flange to the wall spud and fasten with the supplied 12mm Allen key. We recommend using thread tape or equivalent to ensure the connection does not leak.



3. Fit Assembly body

- Check maintenance tails to ensure O-rings are fitted correctly and are in good condition.
- Fit the assembly body onto the maintenance tails until it sits flush against them, taking care not to damage the O-rings.



4. Fit grub screws and testing

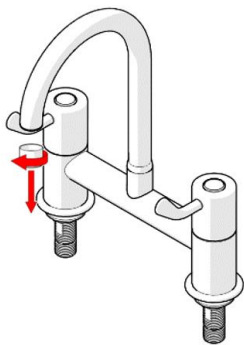
- Ensure the assembly body is pushed firmly against the maintenance tail and then secure in place with the supplied grub screws. **ENSURE ALL FOUR (4) GRUB SCREWS ARE FITTED WITH SUPPLIED ALLEN KEY. If grub screws are missing, contact us on 1300 514 074.**
- Once grub screws are secure, open the regulating valve prior to the tap. Open the lever handles and ensure there is flow from both hot and cold inlets. Inspect the tap and check for any leaks.

DUAL-STAR RATED ITEMS (WELS)

Due to some state requirements, items are required to be in higher star rating (6-star). Therefore, for some items, two flow regulators are supplied. Primarily, the higher star-rated flow regulator is equipped in the assembly.

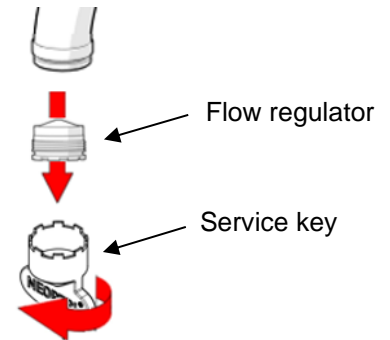
Items	Primary Flow Regulator	Alternative Flow Regulator
102.20.21.00	6-stars (blue)	5-stars (green)

CHANGING FLOW REGULATOR



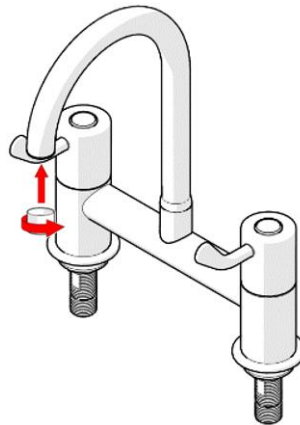
1. Remove Aerator Housing

- Turn housing to loosen and to remove as shown.



2. Remove & Swap

- Match the grooves of the service key with the aerator.
- Turn the key to loosen and to remove aerator.
- Fit the supplied alternative flow regulator.



3. Reassemble

- Reverse steps 2 & 1 to reassemble ensuring correct orientation.

Test for leaks and correct operation

TROUBLESHOOTING

PROBLEM	CAUSE	RECTIFICATION
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 is set too far out	Re-position tap body and breach piece

SERVICE AND MAINTENANCE

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

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 to view the full warranty, our Installation Compliance and Maintenance & Cleaning information as well as any other additional information.