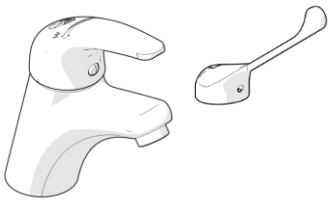
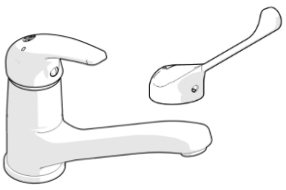
CliniLever® CP-BS Lead Safe™ Hospital Single Lever Mixer Kits

PRODUCT CODE:

- **103.00.73.00**
- **103.00.73.04**
- **103.01.73.00**



103.00.73.00
103.00.73.04



103.01.73.00

For Watermark and/or WELS information of KITS, refer to each individually certified component.

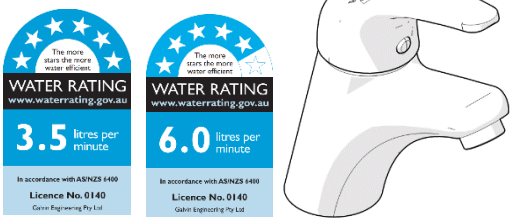
Item Code:	Description	Watermark	WELS
103.00.73.00	**Clinilever® CP-BS Lead Safe™ Hospital Single Lever Basin Mixer with Accessible Handle H&C**	*	*
Components:			
103.00.72.00	CliniLever® CP-BS Lead Safe™ Hospital Single Lever Basin Mixer H&C	YES	YES
TM-LEV165	CliniLever® CP-BS Hospital 165 Accessible Single Lever Handle Assembly	N/A	N/A
For Install Instructions, refer to 103.00.72.00 Install			

Item Code:	Description	Watermark	WELS
103.00.73.04	**Clinilever® CP-BS Lead Safe™ Hospital Single Lever Basin Mixer with Accessible Handle W&C**	*	*
Components:			
103.00.72.00	CliniLever® CP-BS Lead Safe™ Hospital Single Lever Basin Mixer H&C	YES	YES
TM-LEV165Y	CliniLever® CP-BS Hospital 165 Accessible Single Lever Handle Assembly – Warm/Cold	N/A	N/A
For Install Instructions, refer to 103.00.72.00 Install			

Item Code:	Description	Watermark	WELS
103.01.73.00	**Clinilever® CP-BS Lead Safe™ Hospital Single Lever Sink Mixer with Accessible Lever H&C**	*	*
Components:			
103.01.72.00	CliniLever® CP-BS Lead Safe™ Hospital Single Lever Sink Mixer 250 Reach	YES	YES
TM-LEV165	CliniLever® CP-BS Hospital 165 Accessible Single Lever Handle Assembly	N/A	N/A
For Install Instructions, refer to 103.01.72.00 Install			

Notes:
1. N/A—Not applicable.
2. * — These items are a **KIT**
3. A copy of each component's Installation Instructions can either be downloaded from www.galvinengineering.com.au or found inside the packaging.
4. Kit components may be purchased separately.

CliniLever® Lead Safe™ Hospital Single Lever Basin Mixer



PRODUCT CODE:

- **103.00.72.00**

SPECIFICATIONS

- Chrome plated brass construction
- Clean hygienic design
- Low maintenance and easy to operate
- Smooth round designs to facilitate easy cleaning and help reduce dirt and bacteria growth.
- Lead Safe™ brass construction*

***IMPORTANT**: All CliniLever® taps are tested in accordance with AS 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 attention to be paid on notes, photos, images, or drawings of assembly steps marked with the warning symbol.

TECHNICAL DATA

Inlet		G ½– Female (Flexi-hoses)
Outlet		Laminar Flow Aerator
Headwork		Ceramic Cartridge
Working Pressure Range (kPa)	Min	150
	Max	500
Working Temperature Range (°C)	Min	10
	Max	80
Nominal Flow Rate (LPM)	5-star rating	5.77
	6-star rating	3.22
Construction		Brass
Finish		Chrome

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

TOOLS REQUIRED

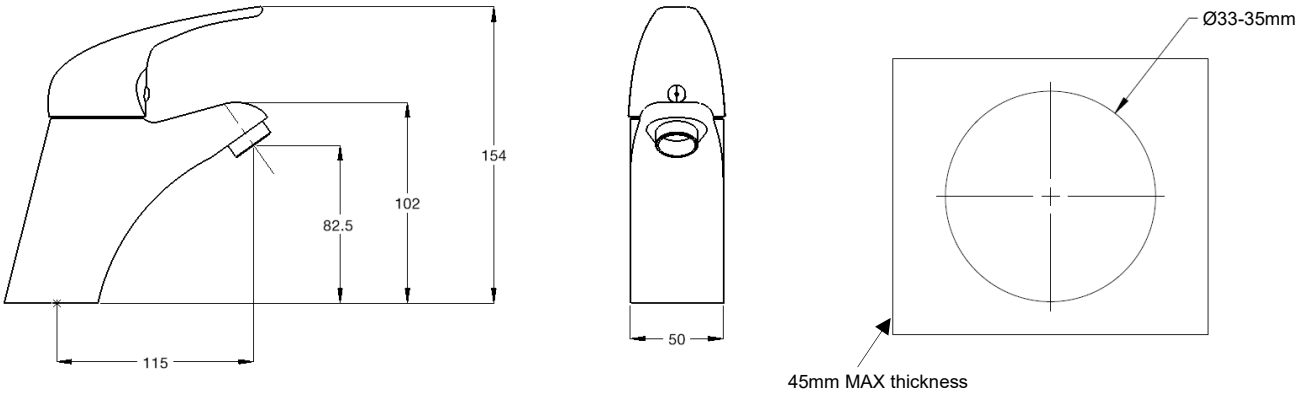
- Power drill
- Spanner or adjustable crescent

PRE-INSTALLATION

NOTES:

- All pipework must be thoroughly flushed prior to installation, as foreign materials may block the flow regulating device and reduce the flow of water.
- Not suitable for gravity fed systems.
- Mixer is fitted with a 1.0 GPM flow regulated insert. This low flow rate may not be suitable for connection to some Instantaneous Gas Water Heaters, some Tempering Valves, some Solar Water Heaters and some Thermostatic Mixing Valves.
- Check with the manufacturers of these products
- Isolating stop valves are recommended to be fitted to the inlet connections

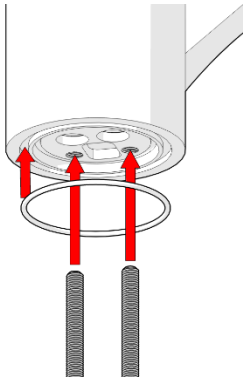
DIMENSIONS



Deck Dimensions

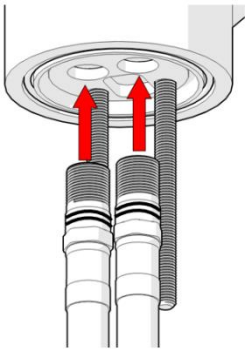
INSTALLATION

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.*



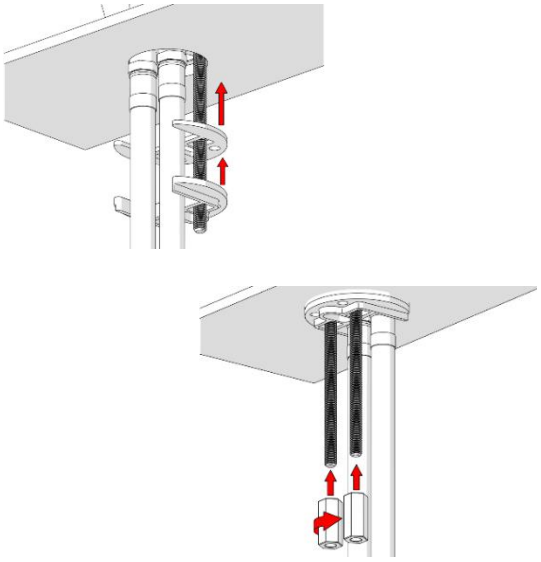
1. Fit O-ring and Studs

- Fit O-ring into groove under the mixer body.
- Screw studs under the mixer body



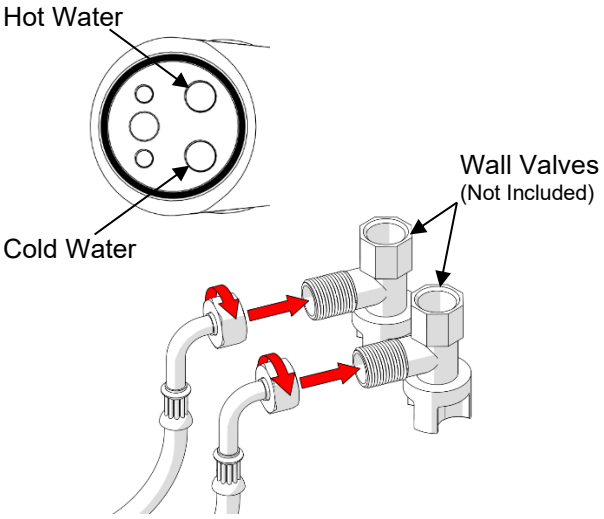
2. Fit flexible tails

- Apply AS4020 approved lubricant to O-rings for the tails and attach them to the tails before fitting it to the mixer body.
- Pass flexible tail with red and blue indication up through deck hole and install into holes marked with ‘H’ and ‘C’ respectively under the mixer body. Tighten both tails firmly by hand.



3. Secure Tap

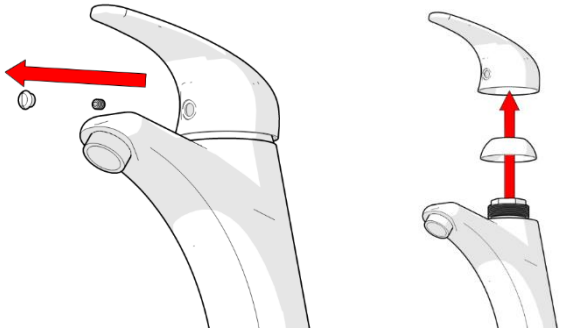
- Place mixer over vanity cut out, then fit gasket and fixing plate over studs.
- Screw on fixing nuts and position mixer as required then tighten the fixing nuts.



4. Connect water and test

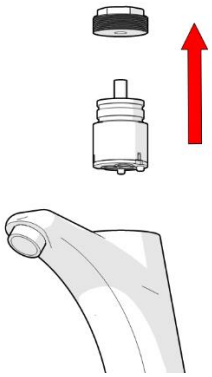
- Connect the flexible tails to the hot and cold isolating stop valves, taking care that flexible tails are not kinked, twisted or in tension as they are tightened

REPLACING CARTRIDGE



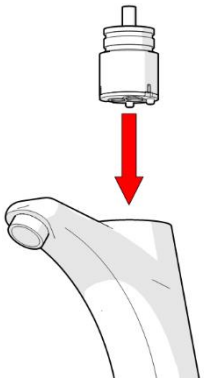
1. Remove indicator plug, handle and cap

- Turn off hot and cold-water supplies at isolating valves.
- Remove indicator plug.
- Using 2.5mm allen key, loosen screw and remove handle.
- Remove cap taking care not to damage the decorative finish.



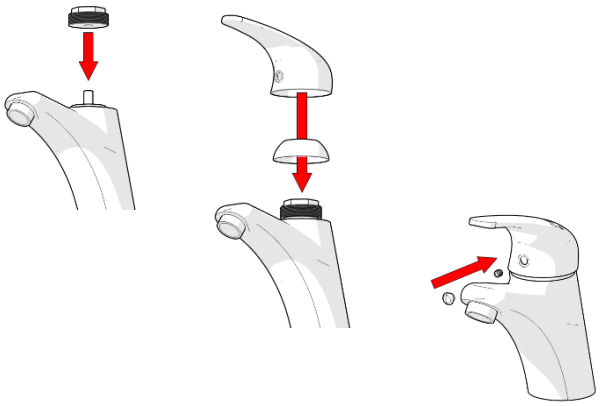
2. Take out old cartridge

- Unscrew nut and lift out old cartridge.
- Clean internal mixer body before installing new cartridge.



3. Insert new cartridge

- Fit new cartridge into mixer body, taking care that two lugs on base of cartridge fit into mating holes in mixer body



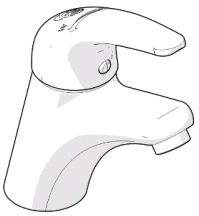
4. Reassemble

- Reassemble by reversing steps 1-2.

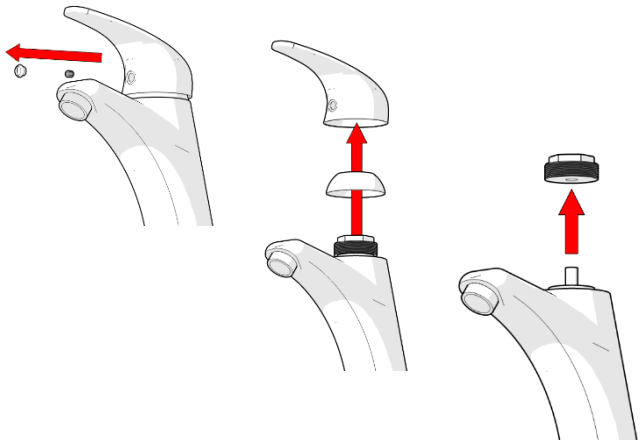
Note: Nut must be tightened to a torque of 12-13 Nm.

5. Connect water and check for correct operation

- Turn on isolating stop valves and check operation.

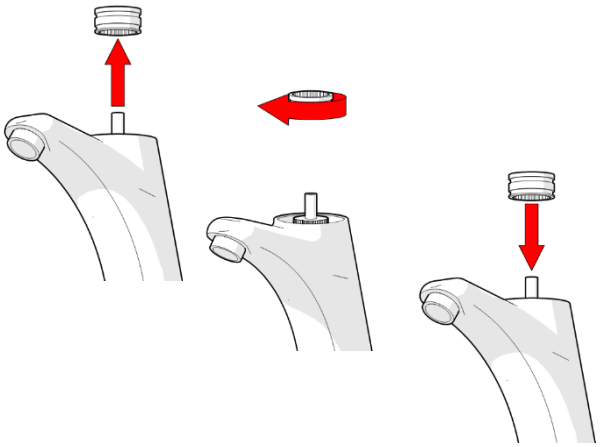


ADJUSTING THE ANTI-SCALD STOP RING



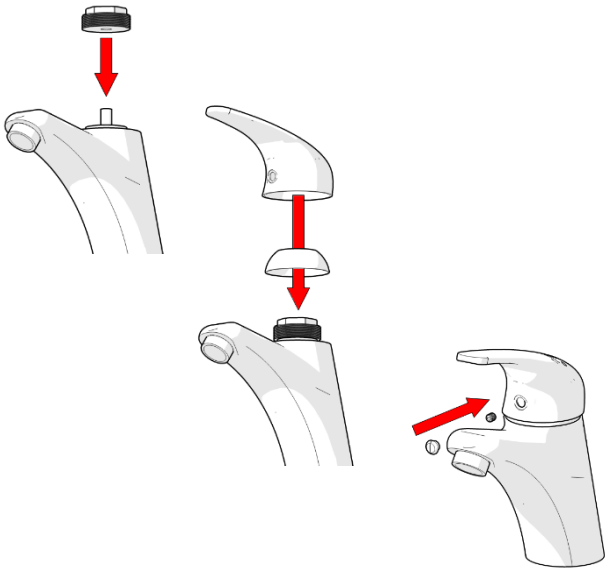
1. Remove indicator plug, handle, cap and nut

- Turn off hot and cold-water supplies at isolating taps.
- Remove indicator plug.
- Using 2.5mm allen key, loosen screw and remove handle.
- Remove cap and unscrew nut taking care not to damage the decorative finish.



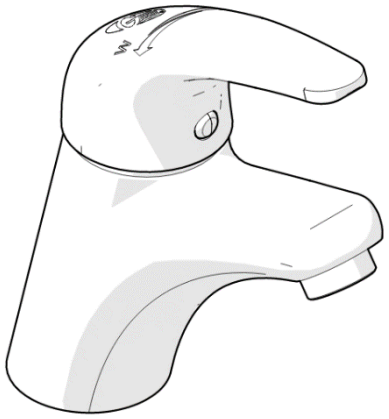
2. Adjust stop ring

- Using a small screwdriver, carefully remove the red stop ring and adjust it in an anti-clockwise direction as required so that the teeth in the stop ring engage with the teeth on the cartridge
- As a guide, rotate the stop ring by 1 spline in an anti-clockwise direction. This will restrict the handle movement in the hot water direction by 8 degrees of rotation. Push the stop ring fully down.



3. Reassemble

- Reassemble the nut, cap, handle, screw and plug indicator.
- Make sure the handle is fully pushed down.



4. Check for correct temperature

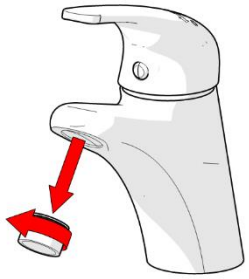
- Check the hot water temperature with the handle in the fully open hot water position. If required adjust the stop ring until a satisfactory hot water temperature is achieved

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.

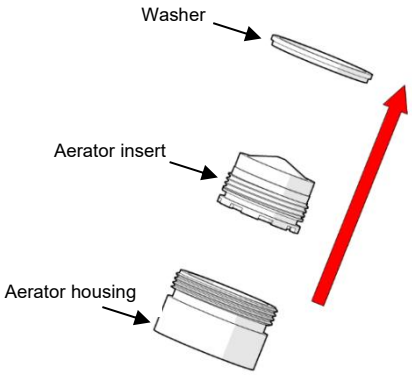
Items	Primary Flow Regulator	Alternative Flow Regulator
103.00.72.00	6-stars (blue)	5-stars (black)

CHANGING AERATOR INSERT



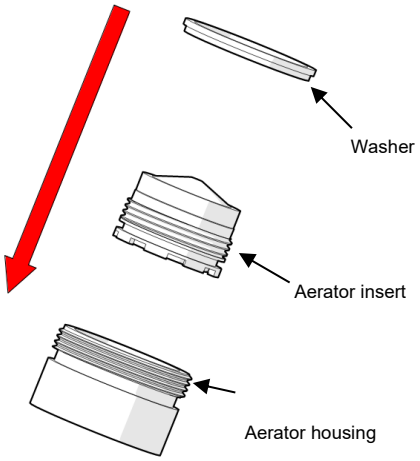
1. Remove aerator housing

- Carefully remove aerator housing from mixer body taking care not to damage the decorative finish.



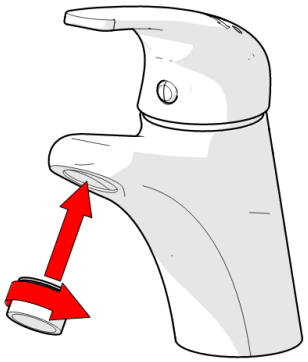
2. Remove old aerator insert

- Remove washer and old aerator insert from aerator housing.
- Check that aerator housing is clean and clean any debris that is blocking the flow.



3. Fit new aerator insert

- Fit new or alternative aerator insert into aerator housing followed by washer.



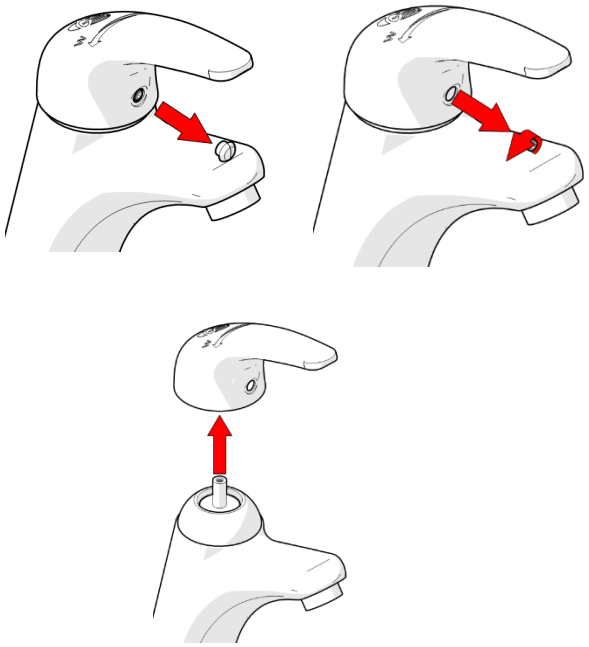
4. Return aerator housing

- Screw assembly into mixer body and tighten securely (to prevent removal by hand)

5. Check for correct operation

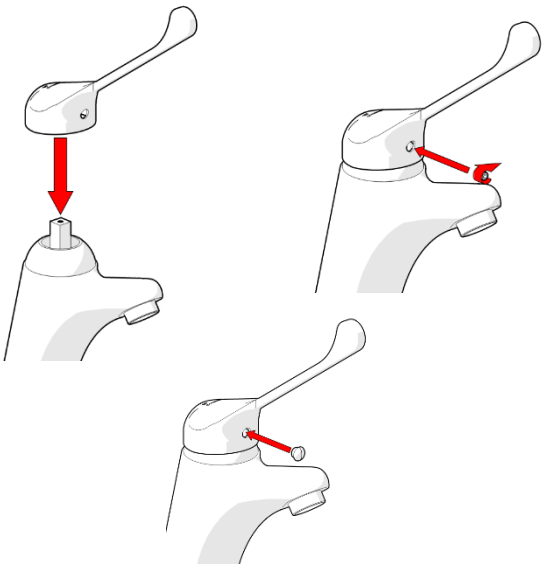
- Turn on isolating stop taps and check operation.

REPLACING HANDLE



1. Remove the handle

- Remove indicator button.
- Using the Allen key provided, loosen the screw as shown.
- Remove the existing handle as shown.



2. Fit the new handle

- Remove indicator button from the new handle. Using allen key provided loosen screw as shown.
- Fit the new handle onto the mixer body. Tighten the screw and install the indicator plug.

3. Testing

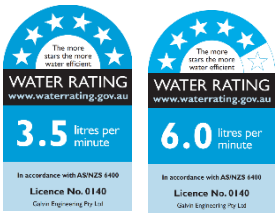
- Once fitted turn on water and check for leaks and correct operation

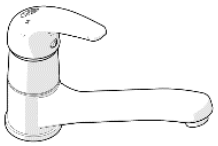
CliniLever® Lead Safe™ Hospital Single Lever Sink Mixer 250 Reach

PRODUCT CODE:

- **103.01.72.00**

Lead Free
AS 3718
WMKA02260





SPECIFICATIONS

- Chrome plated brass construction
- Clean hygienic design
- Low maintenance and easy to operate
- Smooth round designs to facilitate easy cleaning and help reduce dirt and bacteria growth.
- Lead Safe™ brass construction*

***IMPORTANT**: All CliniLever® Taps are tested in accordance with AS 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 attention to be paid on notes, photos, images, or drawings of assembly steps marked with the warning symbol.

TECHNICAL DATA

Inlet		G ½ – Female (Flexi-hoses)
Outlet		Laminar Flow Aerator
Headwork		Ceramic Cartridge
Working Pressure Range (kPa)	Min	150
	Max	500
Working Temperature Range (°C)	Min	10
	Max	80
Nominal Flow Rate (LPM)	5-star rating	5.63
	6-star rating	3.25
Construction		Brass
Finish		Chrome

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

TOOLS REQUIRED

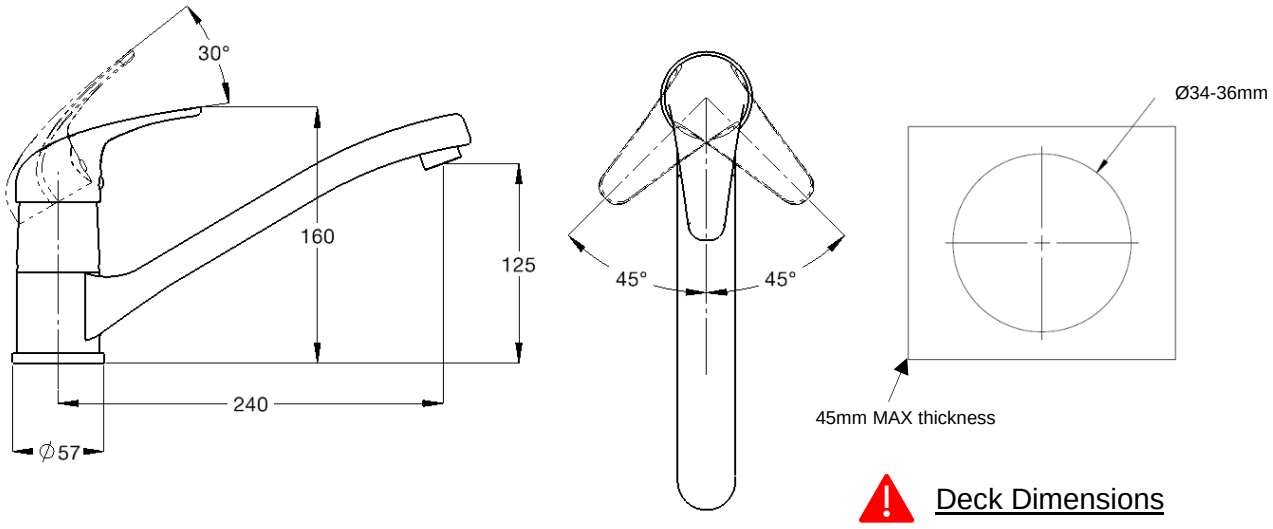
- Power drill
- Spanner or adjustable crescent

PRE-INSTALLATION

NOTES:

- All pipework must be thoroughly flushed prior to installation, as foreign materials may block the flow regulating device and reduce the flow of water.
- Not suitable for gravity fed systems.
- Mixer is fitted with a 1.0 GPM flow regulated insert. This low flow rate may not be suitable for connection to some Instantaneous Gas Water Heaters, some Tempering Valves, some Solar Water Heaters and some Thermostatic Mixing Valves.
- Check with the manufacturers of these products
- Isolating stop valves are recommended to be fitted to the inlet connections

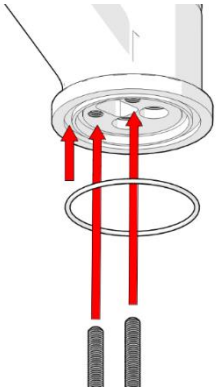
DIMENSIONS



Deck Dimensions

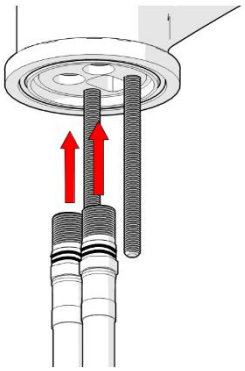
INSTALLATION

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.*



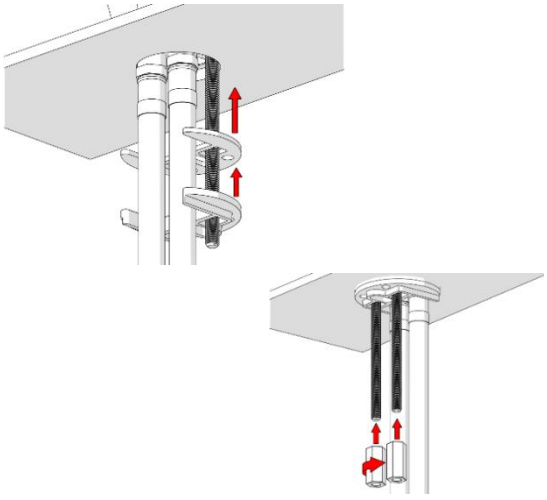
1. Fit O-ring and Studs

- Fit O-ring into groove under the mixer body.
- Screw studs under the mixer body



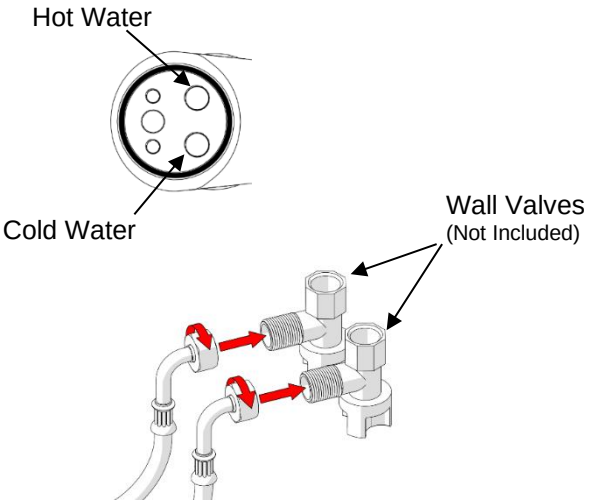
2. Fit flexible tails

- Apply AS4020 approved lubricant to O-rings for the tails and attach them to the tails before fitting it to the mixer body.
- Pass flexible tail with red and blue indication up through deck hole and install into holes marked with ‘H’ and ‘C’ respectively under the mixer body. Tighten both tails firmly by hand.



3. Secure Tap

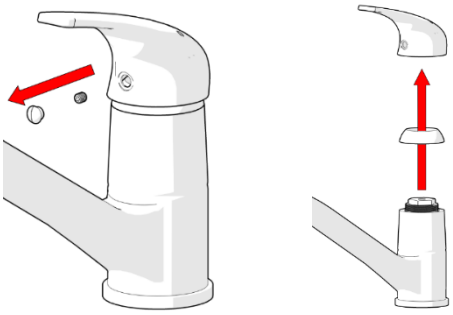
- Place mixer over vanity cut out, then fit gasket and fixing plate over studs.
- Screw on fixing nuts and position mixer as required then tighten the fixing nuts.



4. Connect water and test

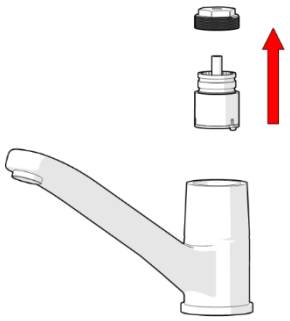
- Connect the flexible tails to the hot and cold isolating stop valves, taking care that flexible tails are not kinked, twisted or in tension as they are tightened

REPLACING CARTRIDGE



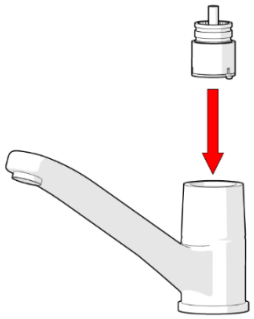
1. Remove indicator plug, handle and cap

- Turn off hot and cold-water supplies at isolating valves.
- Remove indicator plug.
- Using 2.5mm Allen key, loosen screw and remove handle.
- Remove cap taking care not to damage the decorative finish.



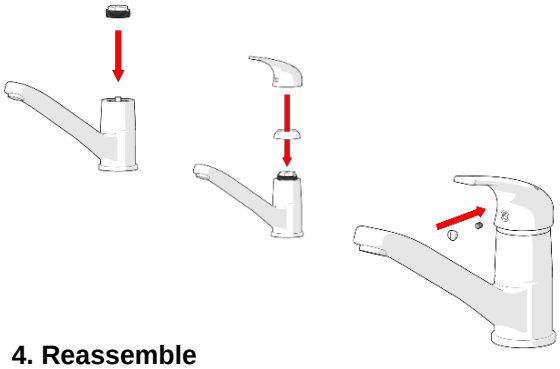
2. Take out old cartridge

- Unscrew nut and lift out old cartridge.
- Clean internal mixer body before installing new cartridge.



3. Insert new cartridge

- Fit new cartridge into mixer body, taking care that two lugs on base of cartridge fit into mating holes in mixer body



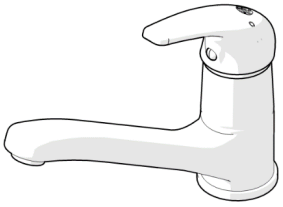
4. Reassemble

- Reassemble by reversing steps 1-2.

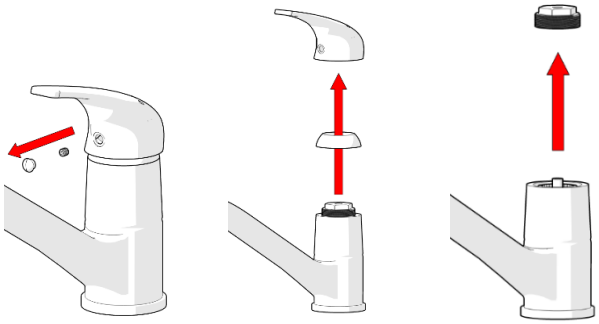
Note: Nut must be tightened to a torque of 12-13 Nm.

5. Connect water and check for correct operation

- Turn on isolating stop valves and check operation.

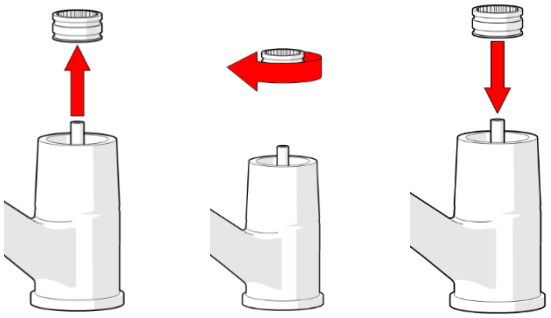


ADJUSTING THE ANTI-SCALD STOP RING



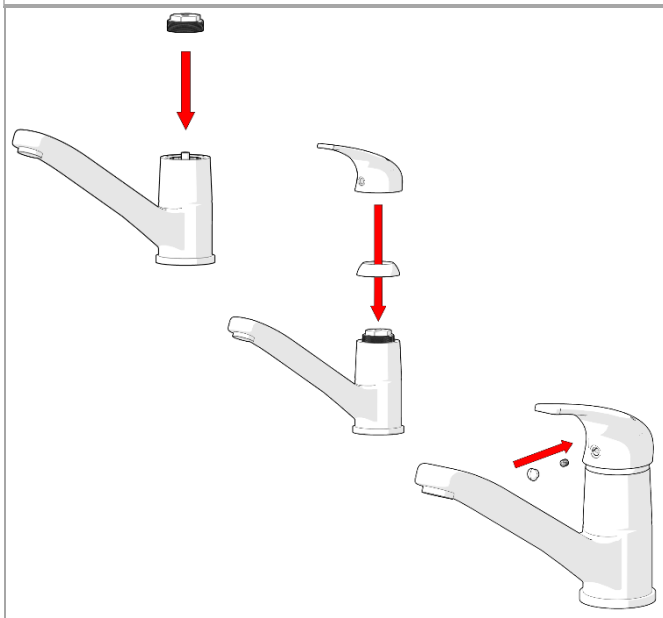
1. Remove indicator plug, handle, cap and nut

- Turn off hot and cold-water supplies at isolating valves.
- Remove indicator plug.
- Using 2.5mm allen key, loosen screw and remove handle.
- Remove cap and unscrew nut taking care not to damage the decorative finish.



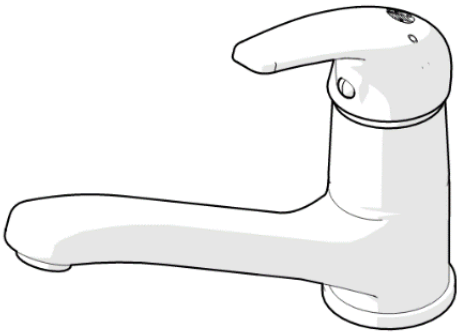
2. Adjust stop ring

- Using a small screwdriver, carefully remove the red stop ring and adjust it in an anti-clockwise direction as required so that the teeth in the stop ring engage with the teeth on the cartridge
- As a guide, rotate the stop ring by 1 spline in an anti-clockwise direction. This will restrict the handle movement in the hot water direction by 8 degrees of rotation. Push the stop ring fully down.



3. Reassemble

- Reassemble the nut, cap, handle, screw and plug indicator.
- Make sure the handle is fully pushed down.



4. Check for correct temperature

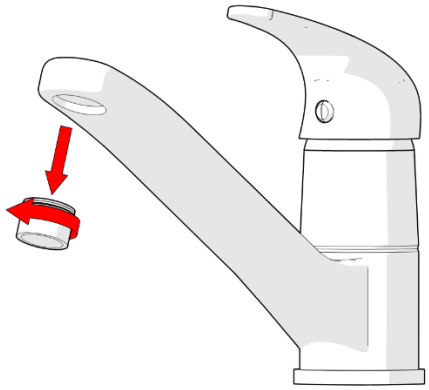
- Check the hot water temperature with the handle in the fully open hot water position. If required adjust the stop ring until a satisfactory hot water temperature is achieved

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.

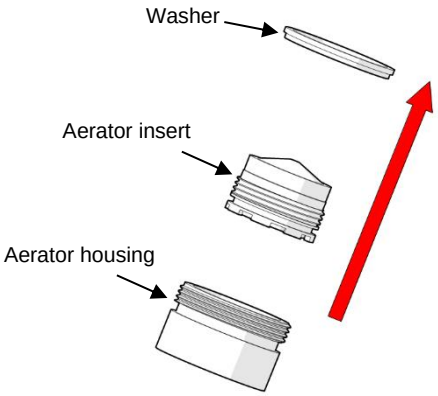
Items	Primary Flow Regulator	Alternative Flow Regulator
103.01.72.00	6-stars (blue)	5-stars (black)

CHANGING AERATOR INSERT



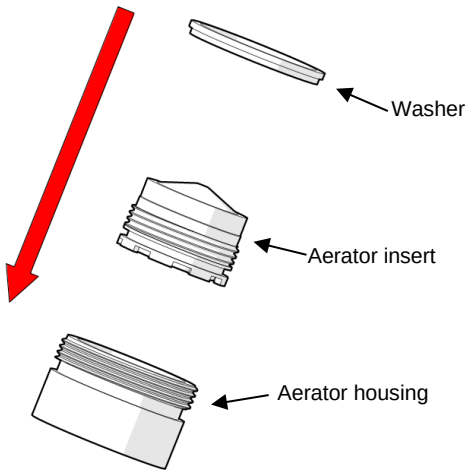
1. Remove aerator housing

- Carefully remove aerator housing from mixer body taking care not to damage the decorative finish.



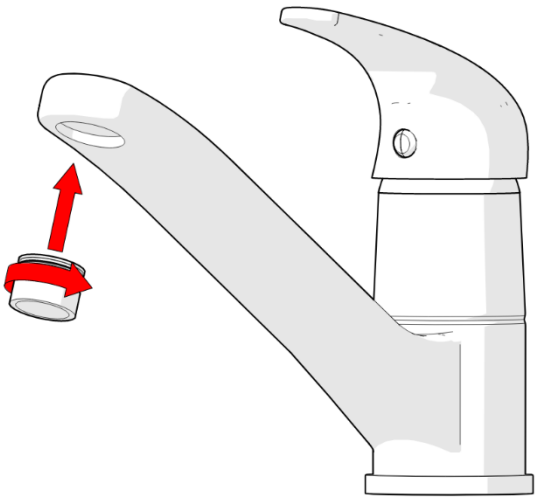
2. Remove old aerator insert

- Remove washer and old aerator insert from aerator housing.
- Check that aerator housing is clean and clean any debris that is blocking the flow.



3. Fit new or alternative aerator insert

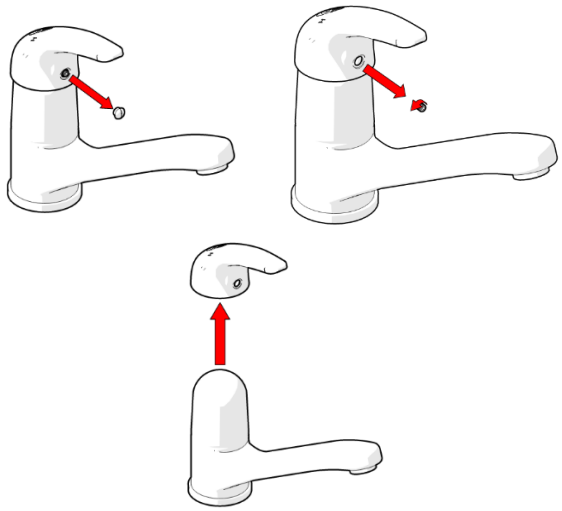
- Fit new or alternative aerator insert into aerator housing followed by washer.



4. Return aerator housing

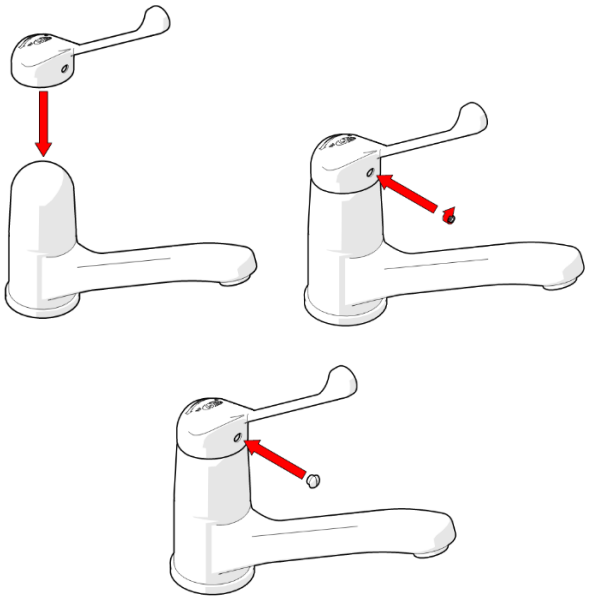
- Screw assembly into mixer body and tighten securely (to prevent removal by hand)

REPLACING HANDLE



1. Remove the handle

- Remove indicator button.
- Using the Allen key provided, loosen the screw as shown.
- Remove the existing handle as shown.

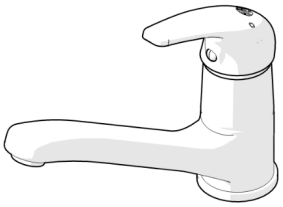


2. Fit the new handle

- Remove indicator button from the new handle. Using Allen key provided loosen screw as shown.
- Fit the new handle onto the mixer body. Tighten the screw and install the indicator plug.

3. Testing

- Once fitted turn on water and check for leaks and correct operation



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.*

TROUBLESHOOTING

PROBLEM	CAUSE	RECTIFICATION
Tap is leaking	Cartridge damaged	Remove and inspect the cartridge, remove debris and/or replace if damaged
	Tap incorrectly installed	Follow the installation steps in 103.00.72.00 or 103.01.72.00 Install when fitting the tap.
Tap has inconsistent flow	Blocked flow regulator	Follow the instructions in 103.00.72.00 or 103.01.72.00 Install to remove flow regulator from the body and check for debris. Install an inline strainer to stop further blockages.
Tap moves on basin	Insufficiently tightened	Follow the steps in 103.00.72.00 or 103.01.72.00 Install in relation to tightening the installation.
Water temperature is opposite to the handle markings	Inlet hoses connected incorrectly	Connect the inlet hoses to the correct inlets as shown in 103.00.72.00 or 103.01.72.00 Install.

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/NZS 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.