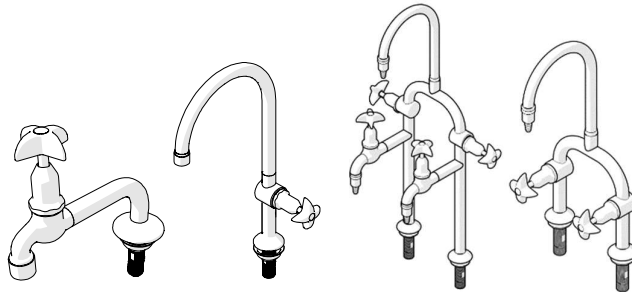


**Product Installation Guidelines**

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Document No.: 001.00.30.13

**GalvinLab® CP-BS Lab Set Tapware**



PRODUCTS							
Item Code	Description	WELS Rating	Water Consumption	Nominal Flow Rate	Outlet	Headworks	
TL05FJ16C	GalvinLab CP-BS Lab Set 1-Way Type 5 Fixed J/V #16Xt Tube Nozzle	5	5.5	5.3	Tube Nozzle	Jumper Valve	
TL05FJ1C	GalvinLab CP-BS Lab Set 1-Way Type 5 Fixed J/V #1 Aerator	5	5.5	5.3	Aerator	Jumper Valve	
TL06FJ16C	GalvinLab CP-BS Lab Set 2-Way Type 6 Fixed J/V #16Xt Tube Nozzle	4	6.5	6.3	Tube Nozzle	Jumper Valve	
TL07FJ1-16C	GalvinLab CP-BS Lab Set 3-Way Type 7 Fixed J/V #1 Aerator & #16Xt Tube Nozzle	6*	4.5	4.4	Aerator & Tube Nozzle	Jumper Valve	
TL07SJ16C	GalvinLab CP-BS Lab Set 3-Way Type 7 Swivel J/V #16Xt Tube Nozzle	4	6.5	6.3	Tube Nozzle	Jumper Valve	
TL08.DFJ8-16C	CP Lab Set 2-Way Type 8 Dpw Fixed J/V #8 V/R Aer, #16 Xt Tube Nozzle 5LPM	4	6.5	6.3	Aerator & Tube Nozzle	Jumper Valve	
TL08SJ1-16C	GalvinLab CP-BS Lab Set 2-Way Type 8 Swivel J/V #1 Aerator & #16Xt Tube Nozzle	5	5.0	5.0	Aerator & Tube Nozzle	Jumper Valve	
TL08SJ16C	GalvinLab CP-BS Lab Set 2-Way Type 8 Swivel J/V #16Xt Tube Nozzle	4	6.5	6.3	Tube Nozzle	Jumper Valve	
TL13SJ16C	GalvinLab CP-BS Lab Set H&C Type Mixing Unit 13 Swivel J/V #16Xt Tube Nozzle	6*	4.5	4.36	Tube Nozzle	Jumper Valve	
TL13SJ1C	GalvinLab CP-BS Lab Set H&C Mixing Unit Type 13 Swivel J/V #1 Aerator	6*	4.5	4.36	Aerator	Jumper Valve	
TL13FJ1C	CP-BS Lab Set H&C Mixing Unit Type 13 Fixed J/V #1 Aerator	4	6.5	6.3	Aerator	Jumper Valve	
TL14FJ1-16C	GalvinLab CP-BS Lab Set H&C Mixing Unit Type 14 Fixed J/V #1 Aerator #16Xt Tube Nozzles	4	6.5	6.3	Aerator & Tube Nozzle	Jumper Valve	
TL14SJ16C	GalvinLab CP-BS Lab Set H&C Mixing Unit Type 14 Swivel J/V #16Xt Tube nozzle	6*	4.0	3.75	Tube Nozzle	Jumper Valve	
TL14SJ1C	GalvinLab CP-BS Lab Set H&C Mixing Unit Type 14 Swivel J/V #1 Aerator	5	6.0	6.0	Aerator	Jumper Valve	
TL16.DFJL16C	GalvinLab CP-BS Lab Set 1-Way Type 16 Fixed J/V Lever Handle Tube Nozzle	6*	4.5	4.49	Tube Nozzle	Jumper Valve	
TL16.DFJL16CL	GalvinLab CP-BS Lab Set 1-Way Type 16 Fixed J/V Lever Handle Tube Nozzle - LH	6*	4.5	4.49	Tube Nozzle	Jumper Valve	
TL16.DFJ16C	GalvinLab CP-BS Lab Set 1-Way Type 16 Dpw Fixed J/V #16Xt Tube Nozzle	6*	4.5	4.49	Tube Nozzle	Jumper Valve	
TL16.DFJ8C	GalvinLab CP-BS Lab Set 1-Way Type 16 Dpw Fixed J/V #8 V/R Aerator	6*	4.5	4.49	Aerator	Jumper Valve	

**PRODUCTS**

Item Code	Description	WELS Rating	Water Consumption	Nominal Flow Rate	Outlet	Headworks
TL16.DFJ8CL	GalvinLab CP-BS Lab Set 1-Way Type 16 Dpw Fixed J/V #8 V/R Aerator - LH	6*	4.5	4.49	Aerator	Jumper Valve
TL16.USJ1C	GalvinLab CP-BS Lab Set 1-Way Type 16 Upswept Swivel J/V #1 Aerator	5	6.0	5.6	Aerator	Jumper Valve
TL16FJ16C	GalvinLab CP-BS Lab Set 1-Way Type 16 Fixed J/V #16Xt Tube Nozzle	6*	4.5	4.49	Tube Nozzle	Jumper Valve
TL16FJ1C	GalvinLab CP-BS Lab Set 1-Way Type 16 Fixed J/V #1 Aerator	6*	4.5	4.49	Aerator	Jumper Valve
TL16SC16C	CP-BS Lab Set 1-Way Type 16 Swivel C/D #16 Xt Tube Nozzle	5	6.0	5.6	Tube Nozzle	Ceramic Disc
TL16SJ16C	GalvinLab CP-BS Lab Set 1-Way Type 16 Swivel J/V #16Xt Tube Nozzle	6*	4.5	4.49	Tube Nozzle	Jumper Valve
TL16SJ1C	GalvinLab CP-BS Lab Set 1-Way Type 16 Swivel J/V #1 Aerator	6*	4.5	4.49	Aerator	Jumper Valve
TL16.DFJ16CL	GalvinLab CP-BS Lab Set 1-Way Type 16 Fixed J/V Tube Nozzle - LH	6*	4.5	4.49	Tube Nozzle	Jumper Valve
TL17FJ16C	GalvinLab CP-BS Lab Set 1-Way R/A Valvetype 17 Fixed J/V #16Xt Tube Nozzle	5	6.0	5.6	Tube Nozzle	Jumper Valve
TL19SJ1C	GalvinLab CP-BS Lab Set H&C Mixing Unit Type 19 Swivel J/V #1 Aerator	6*	4.5	4.36	Aerator	Jumper Valve
TL19SJ16C	GalvinLab CP-BS Lab Set H&C Mixing Unit Type 19 Swivel J/V #16Xt Tube Nozzle	6*	4.5	4.36	Tube Nozzle	Jumper Valve
TL26.DFJ8C	GalvinLab CP-BS Lab Set Bib Tap Bench Mtd Type 26 Dpw Fixed J/V #8 V/R Aerator	6*	3.5	3.06	Aerator	Jumper Valve

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

**SPECIFICATIONS**

- Chrome plate finish for easy cleaning and durability.
- Replaceable top assemblies are supplied for easy maintenance.
- Simple servicing and readily available parts.
- Quality controlled. Every tap is tested.

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

**WARNINGS:** Special attentions to be paid on notes, photos, images, or drawings of assembly steps marked with the warning symbol.



**TECHNICAL DATA**

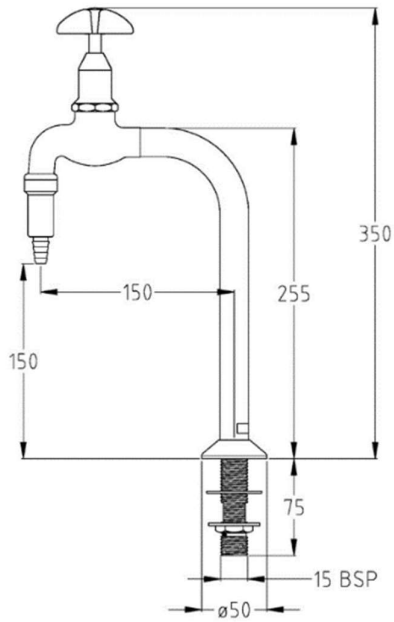
Inlet		1/2" BSP - Male
Working Pressure Range (kPa)	Min	50
	Max	500
Working Temperature Range (°C)	Min	5
	Max	65
Construction		Brass
Finish		Chrome

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

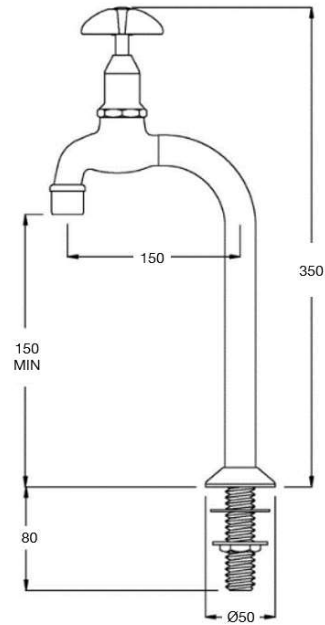
**TOOLS REQUIRED**

- Power drill
- Spanner or adjustable crescent
- Thread tape / sealant

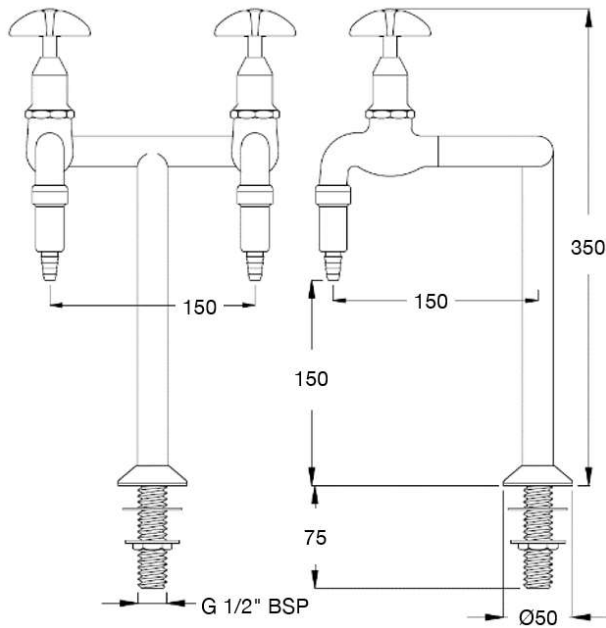
**DIMENSIONS**



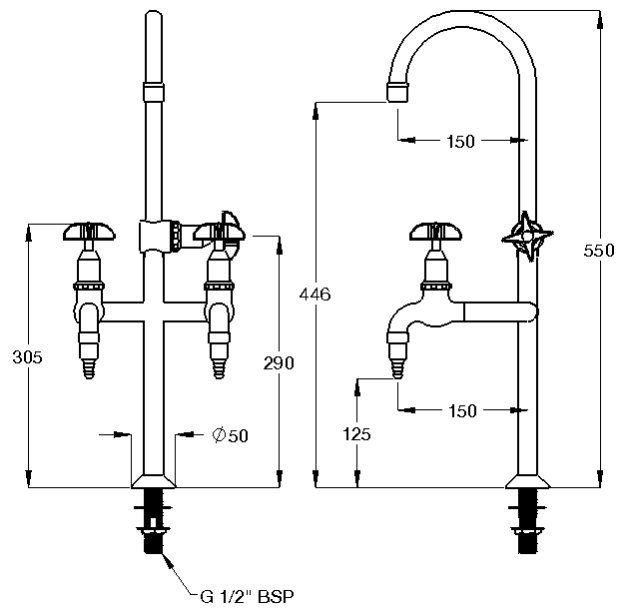
**TL05FJ16C**



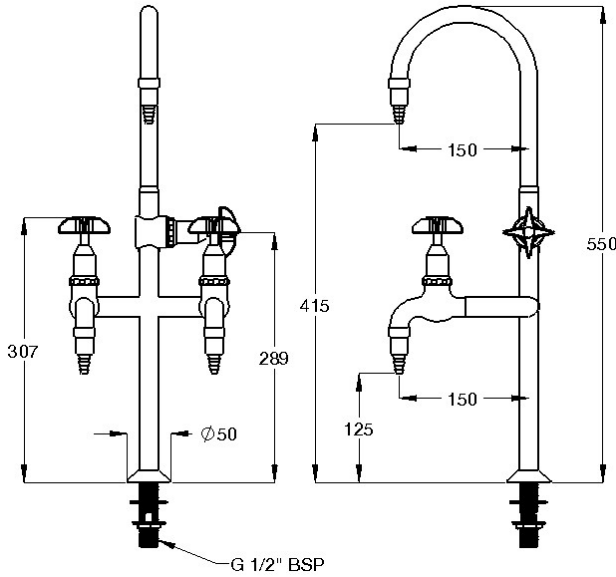
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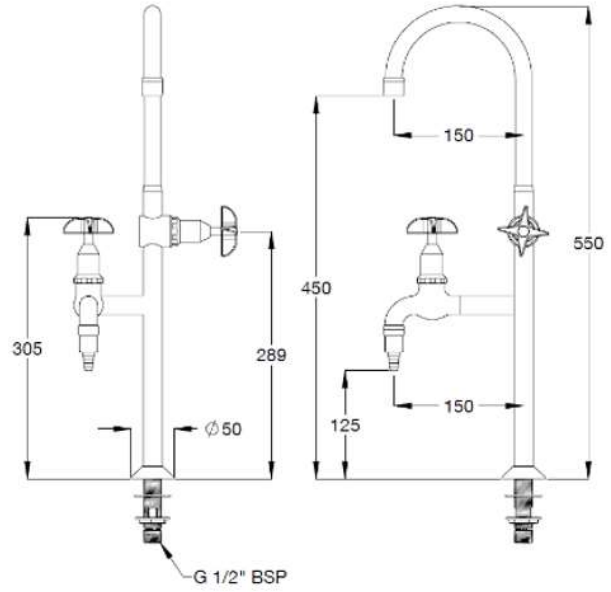
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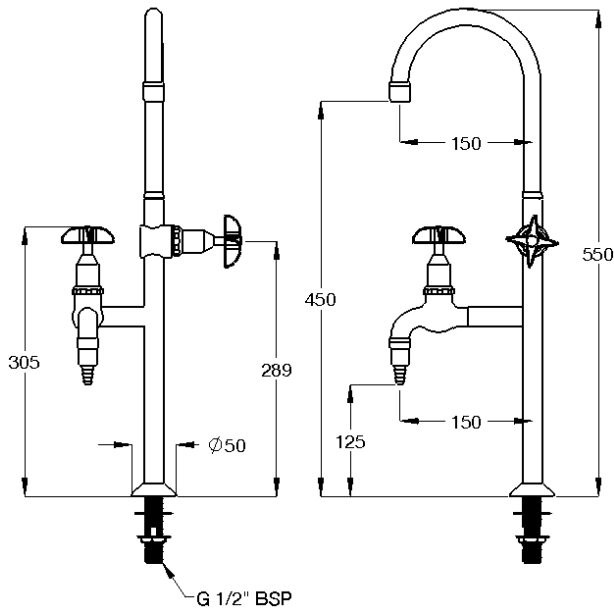
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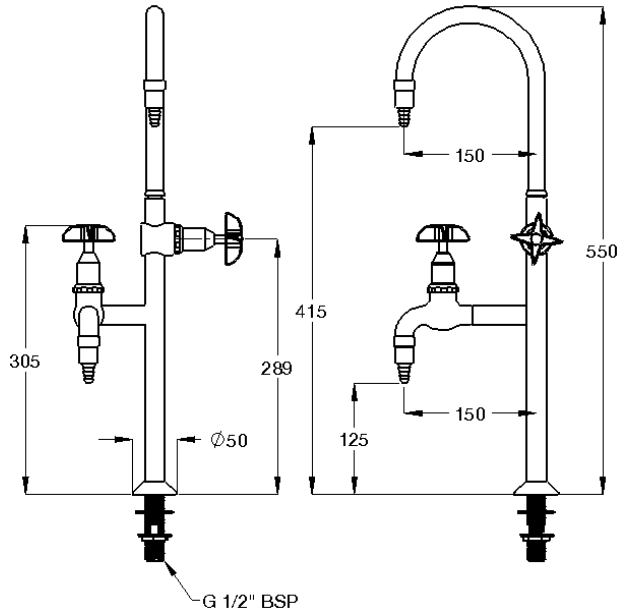
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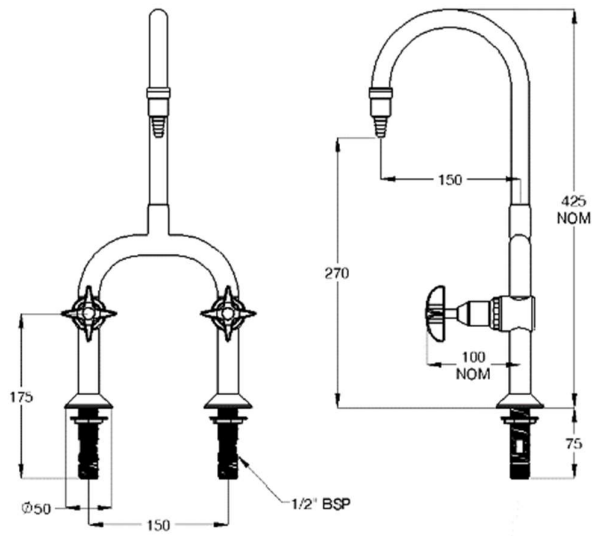
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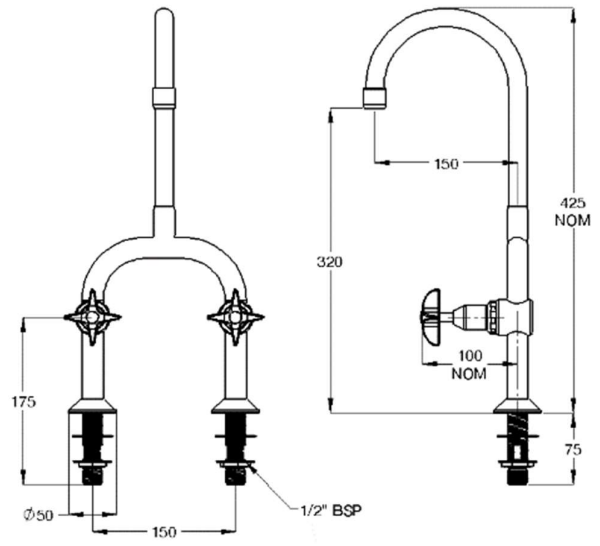
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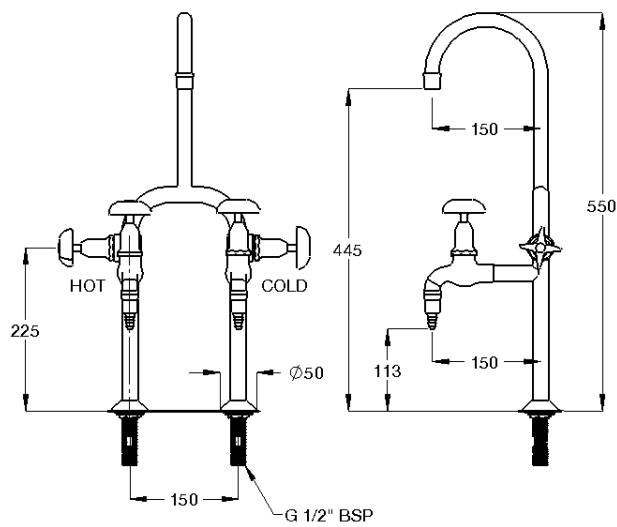
**TL08SJ16C**



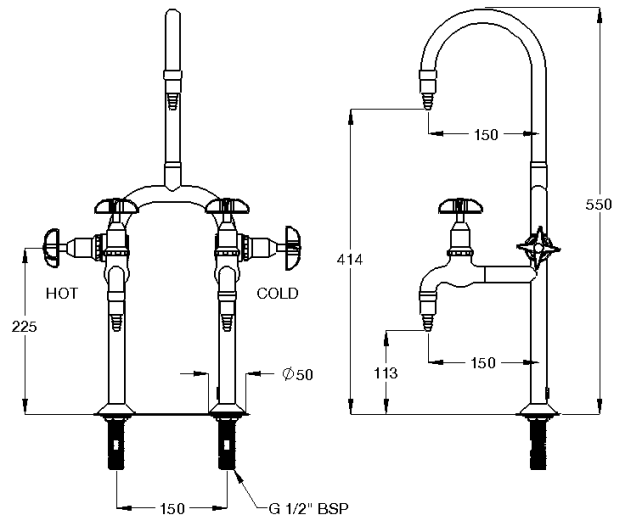
TL13SJ16C



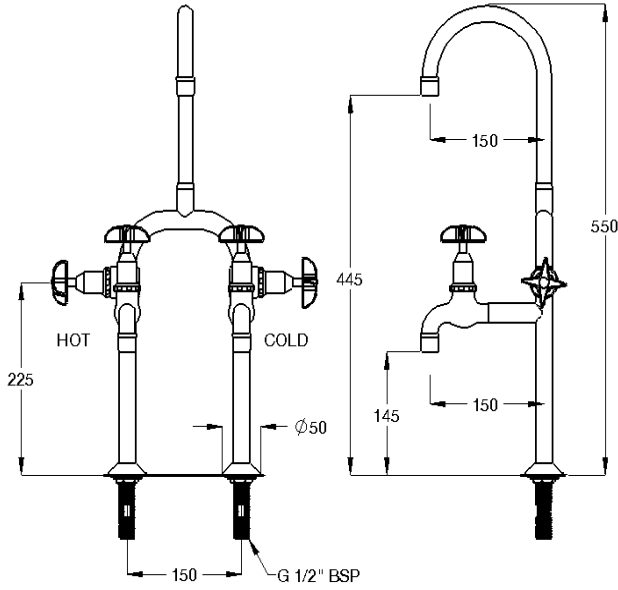
TL13SJ1C



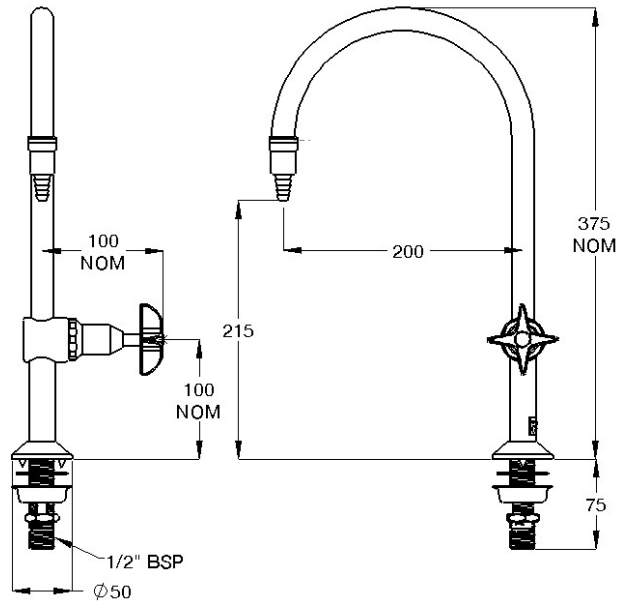
TL14FJ1-16C



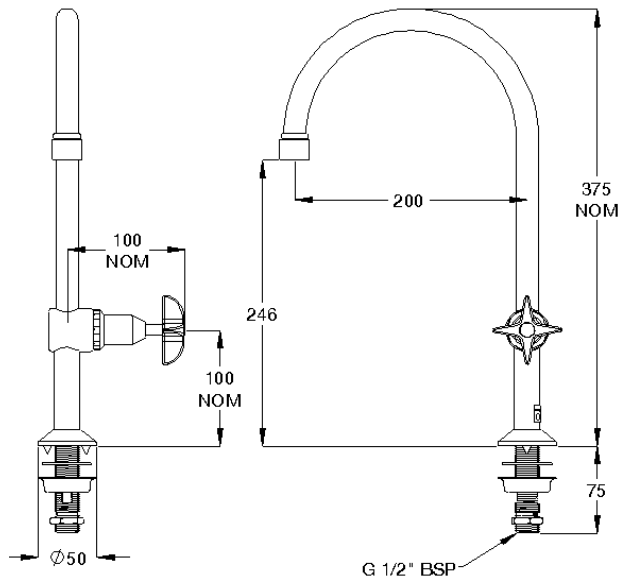
TL14SJ16C



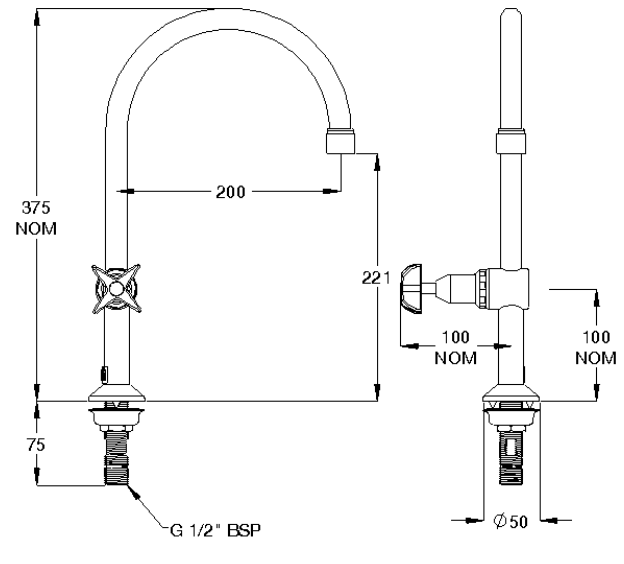
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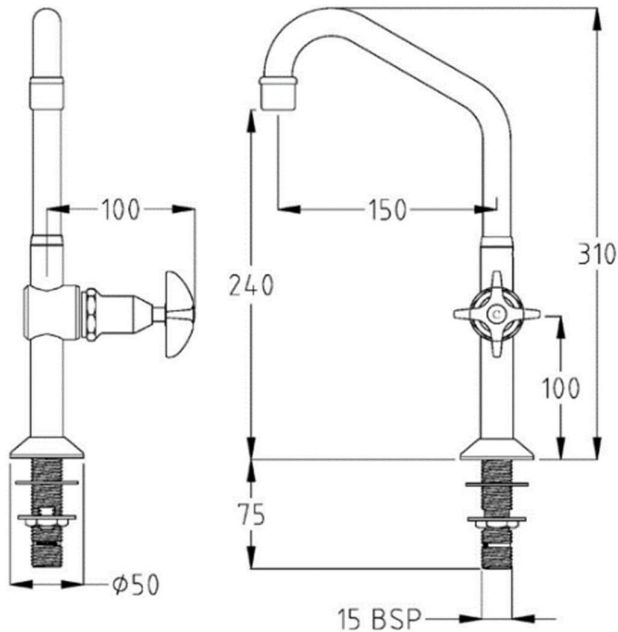
**TL16.DFJ16C**



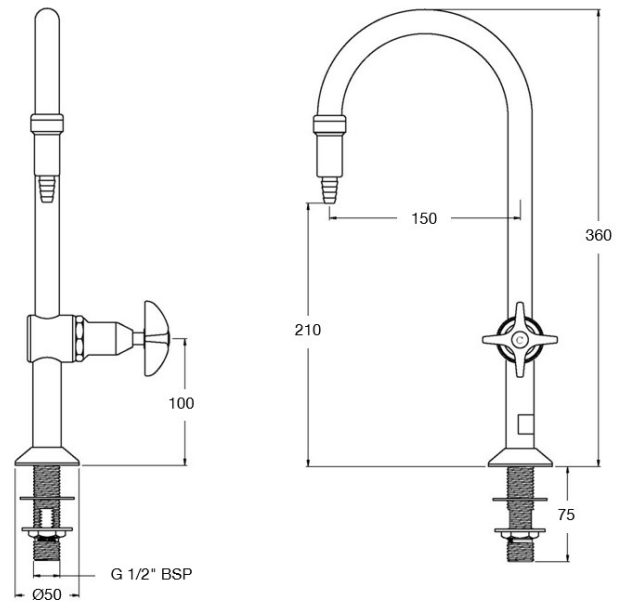
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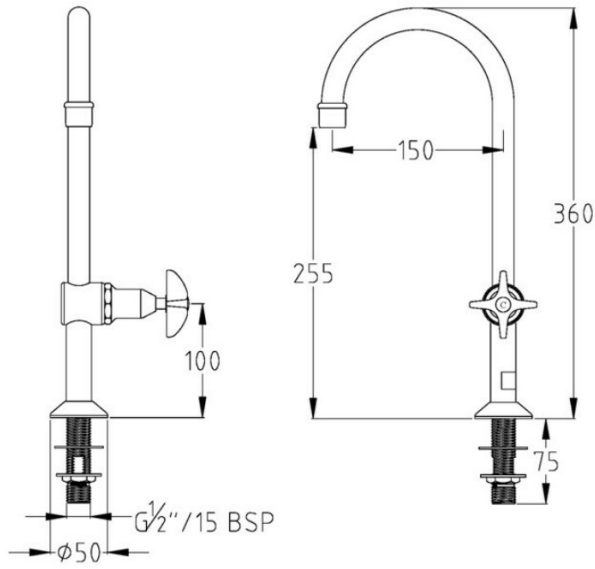
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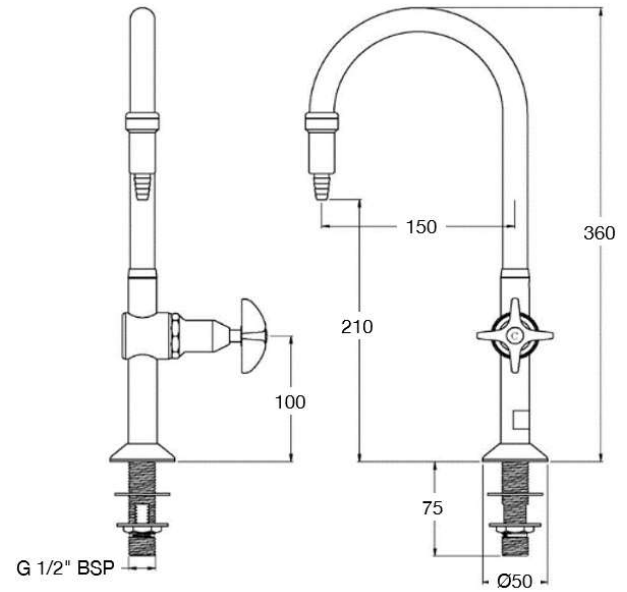
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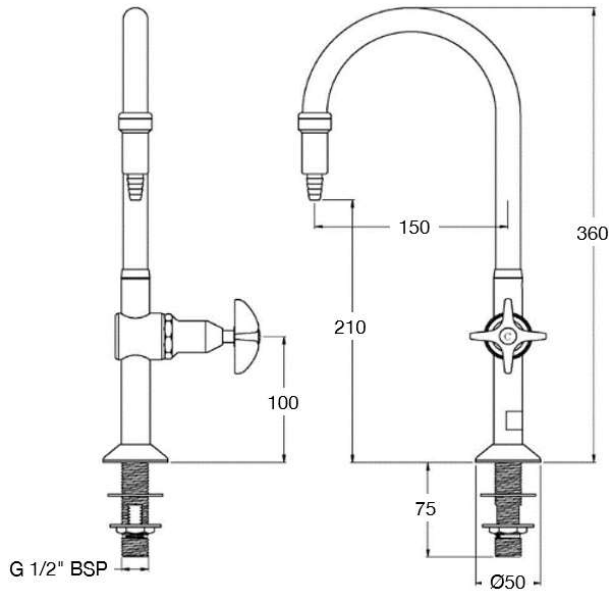
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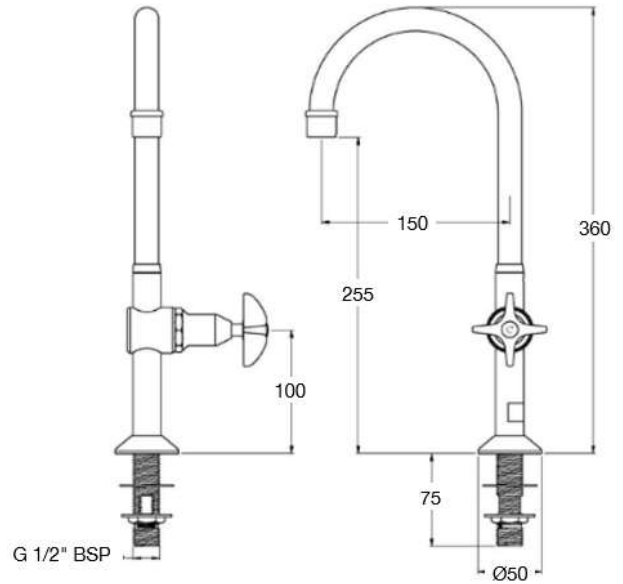
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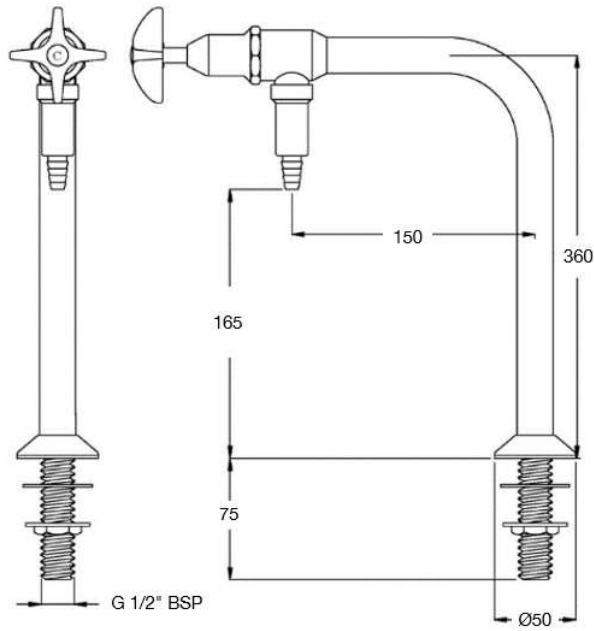
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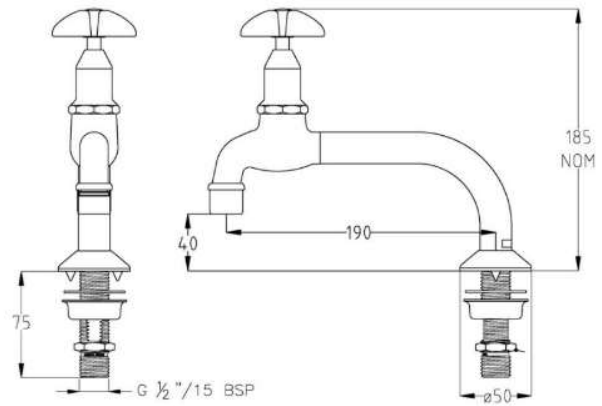
**TL16SJ16C**



**TL16SJ1C**

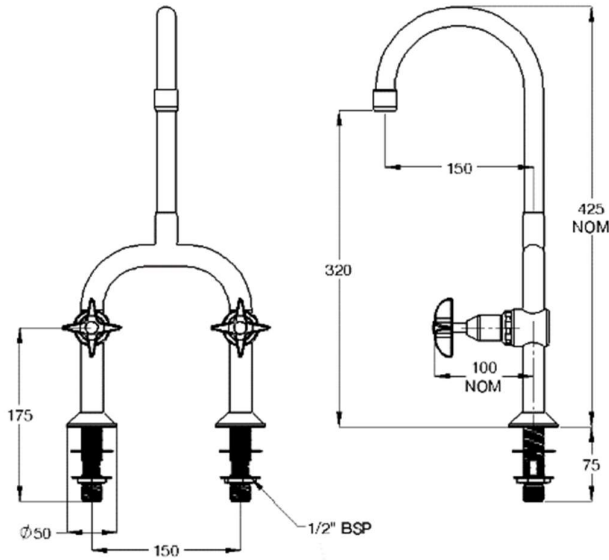


**TL17FJ16C**

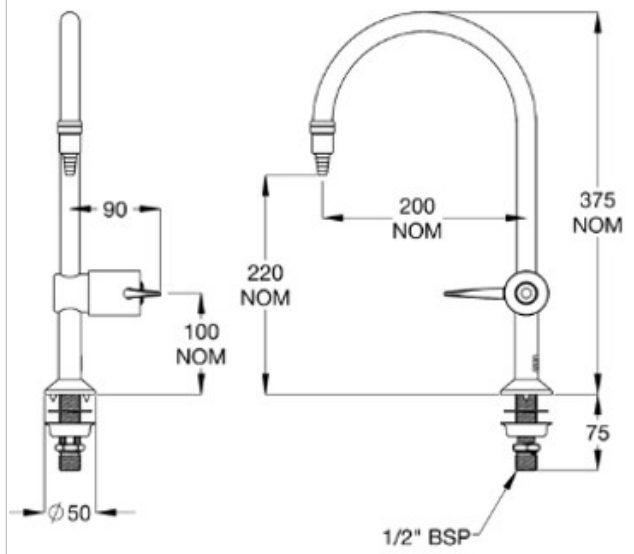


**TL26.DFJ8C**

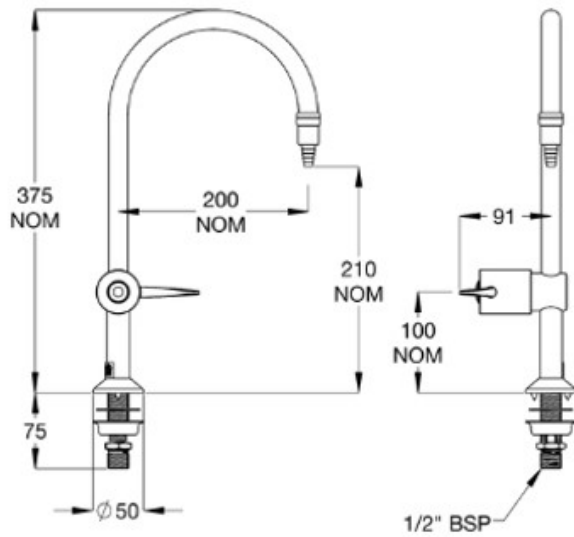




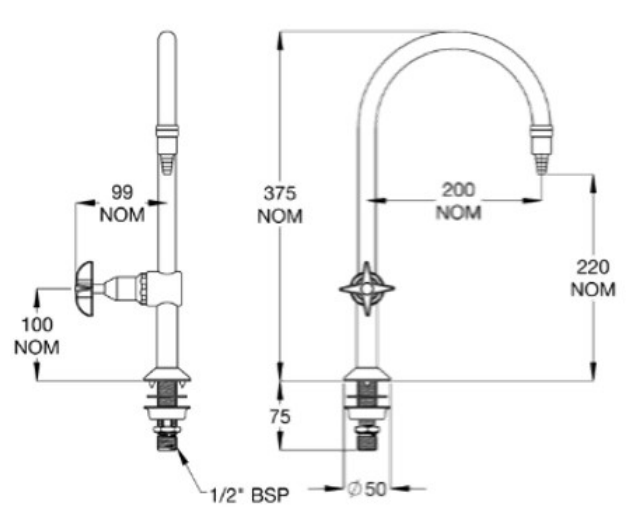
TL13FJ1C



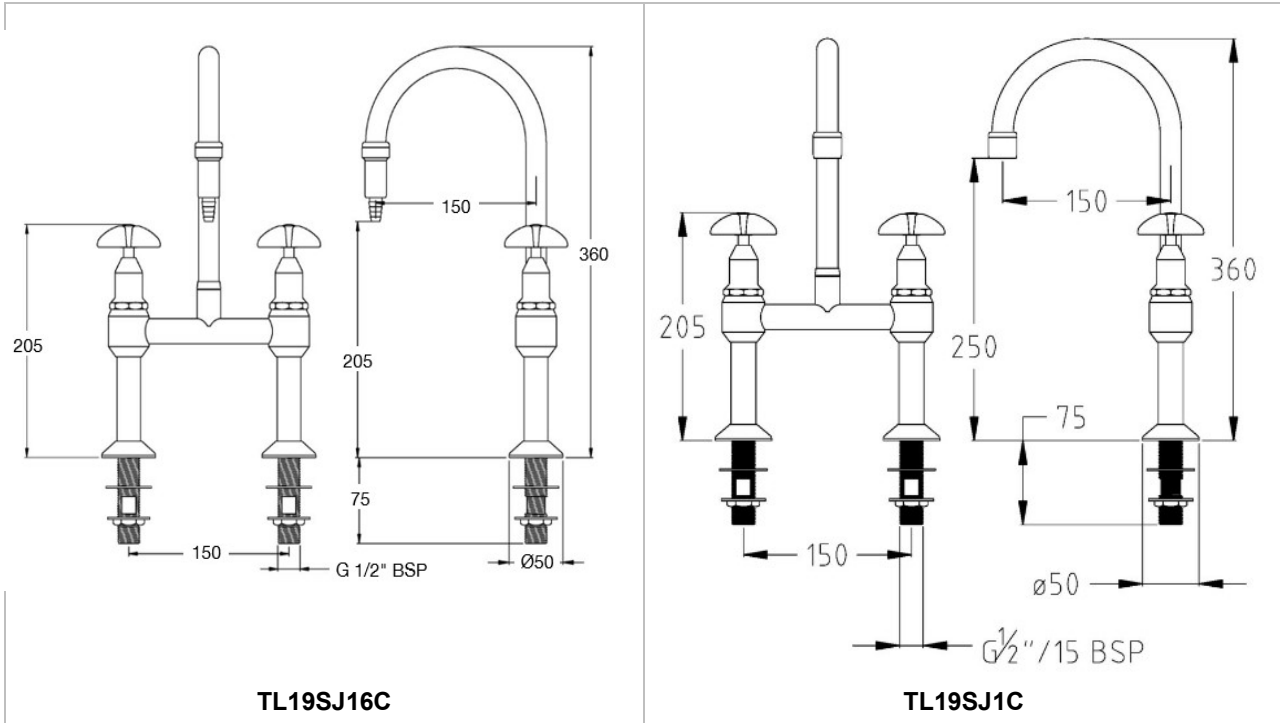
TL16.DFJL16C



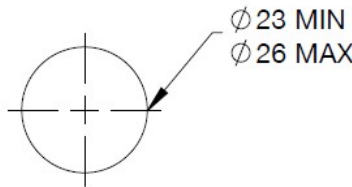
TL16.DFJL16CL



TL16.DFJ16CL



**PRE-INSTALLATION – MOUNTING DETAILS**



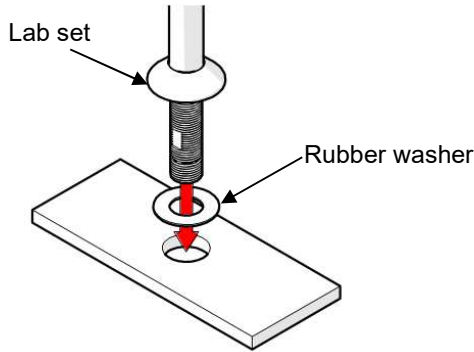
ROUGH-IN DIMENSIONS

**PRE-INSTALLATION**

- Before installation, all lines must be flushed.
- Galvin Engineering recommends the installation of strainers and pressure reducing valves (when necessary) to ensure clean consistent supply. Debris or poor water quality could affect the performance of the unit.

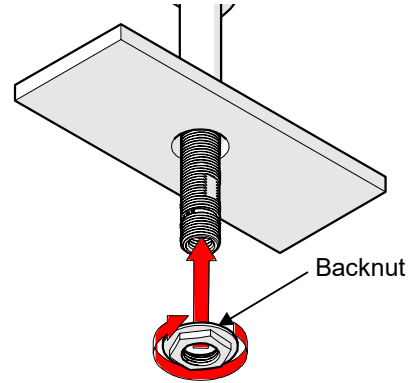
**INSTALLATION**

**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.



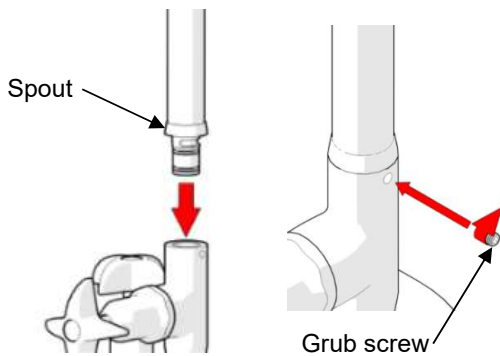
**1. Fit lab set body**

- Fit the lab set into the bench.
- Fit the rubber washer underneath the stem.



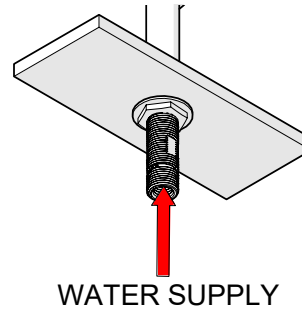
**2. Secure the body**

- Secure the body underneath with the supplied backnut.



**3. Insert spout (Swivel Body Only)**

- If tap is swivel type, insert spout to the body and secure with grub screw.
- For fixed type, outlet is already attached to the body.

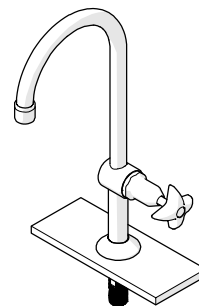


**4. Connect the water line**

- Connect water supply ensuring thread tape / sealant is used.

**5. Testing**

- Inspect the tap and check for any leaks.

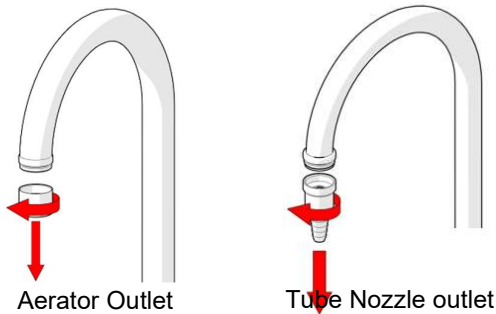


**Dual-Star Rated Items (WELS)**

*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.*

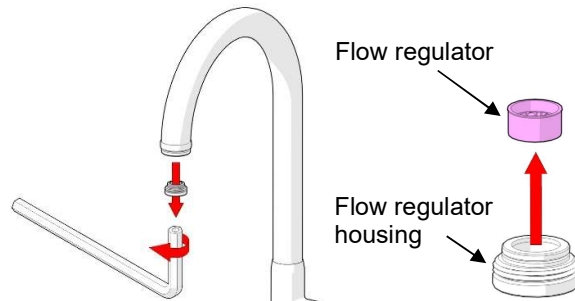
Items	Primary Flow Regulator	Alternative Flow regulator
TL13SJ16C	6-stars (pink)	5-stars (red)
TL13SJ1C	6-stars (pink)	5-stars (red)
TL16.DFJL16C	6-stars (pink)	5-stars (red)
TL16.DFJL16CL	6-stars (pink)	5-stars (red)
TL16.DFJ16C	6-stars (pink)	5-stars (red)
TL16.DFJ8C	6-stars (pink)	5-stars (red)
TL16.DFJ8CL	6-stars (pink)	5-stars (red)
TL16FJ16C	6-stars (pink)	5-stars (red)
TL16FJ1C	6-stars (pink)	5-stars (red)
TL16SJ16C	6-stars (pink)	5-stars (red)
TL16SJ1C	6-stars (pink)	5-stars (red)
TL16.DFJ16CL	6-stars (pink)	5-stars (red)
TL19SJ1C	6-stars (pink)	5-stars (red)
TL19SJ16C	6-stars (pink)	5-stars (red)
TL26.DFJ8C	6-stars (blue)	5-stars (orange)
TL07FJ1-16C	6-stars (pink)	5-stars (red)
TL14SJ16C	6-stars (pink)	5-stars (red)

**REPLACING FLOW REGULATOR (EXCEPT TL26.DFJ8C)**



**1. Remove Aerator/Tube Nozzle**

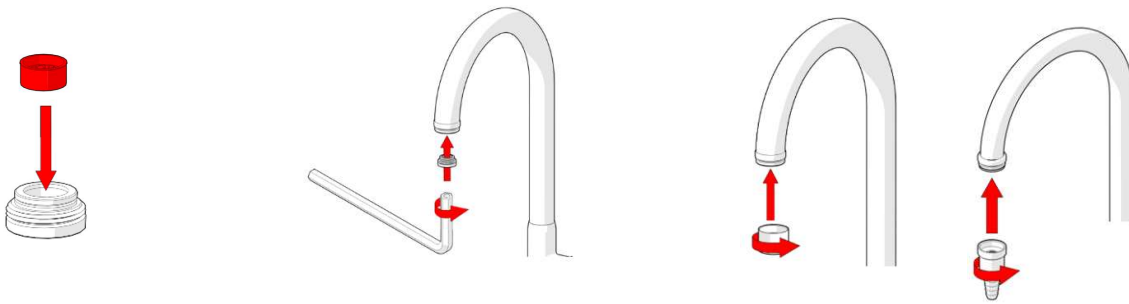
- Turn Aerator or Tube Nozzle to loosen and to remove as shown. For vandal-resistant type, use supplied tool to remove.



**2. Remove & Change**

- Using a hex key, remove the secondary housing from the gooseneck.
- Push out the flow regulator from the housing.
- Fit the supplied alternative flow regulator.

**⚠ Note: Not all items have supplied alternative flow regulators. If required, please contact Galvin Engineering.**



**3. Reassemble**

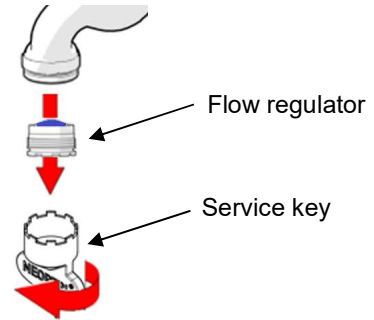
- Reverse steps 2 & 1 to reassemble ensuring correct orientation.
- Test for leaks and correct operation

**CHANGING FLOW REGULATOR (FOR TL26.DFJ8C)**



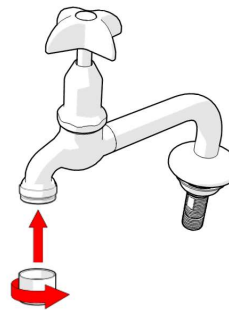
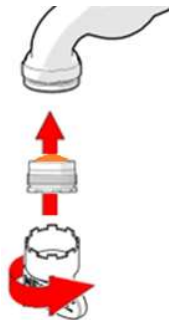
**1. Remove Aerator Housing**

- 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
Water is not flowing or inconsistent flow.	Blocked tube nozzle (if fitted)	Remove tube nozzle from outlet and remove debris. Install an in-line strainer to stop further blockages.
	Flow regulator may be blocked	Remove flow regulator, check and remove debris
	Mains supply is turned off.	Turn on mains supply.

**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.

Within Australia: 1300 514 074 Outside Australia: P: +61 (0)8 9338 2344

F: +61 (0)8 9338 2340

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[www.galvinengineering.com.au](http://www.galvinengineering.com.au)

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