

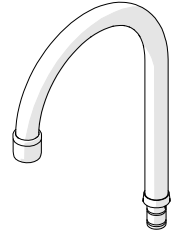
Product Installation Guidelines

Document No : 001.00.30.06
Version 2, 15 August 2023, Page 1 of 5

GalvinLab CP-BS Lab Gooseneck/Upswept Outlet Only

PRODUCT CODES:

- 84178 - 84137 - 84152
- 84170 - 84139 - 84182
- 84180 - 84145
- 84165 - 84147
- 84160 - 84149



SPECIFICATION

- Finished in bright chrome plate for easy cleaning and durability.

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

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



TECHNICAL DATA

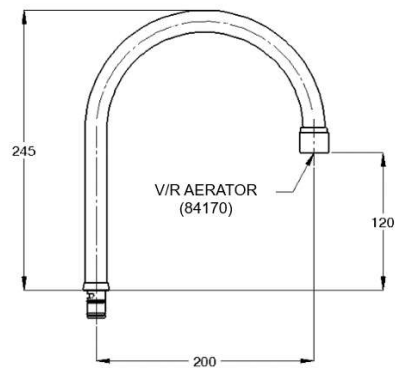
Inlet		Spout Connection
Outlet		Aerator
Headworks		N/A
Working Pressure Range (kPa)	Min	50
	Max	500
Working Temperature Range (°C)	Min	5
	Max	65
Nominal Flow Rate (LPM)	84165	5.8
	84170	3.39 & 5.8
	84160, 84137, 84139, 84145, 84147, 84149, 84152, 84182	8.33
	84178, 84180	9.0
Material		Brass
Finish		Chrome

NOTE: Galvin Engineering continually strives to improve their products. Specifications may change without notice. Higher temperature or pressures could result in premature failure and void the manufacturer's warranty.

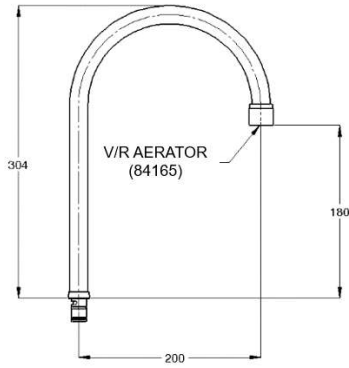
TOOLS REQUIRED

- Hex key

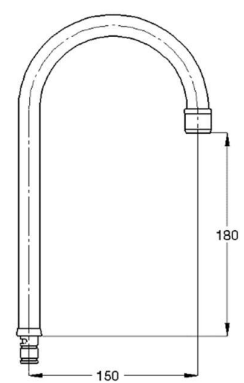
PRE-INSTALLATION - DIMENSIONS



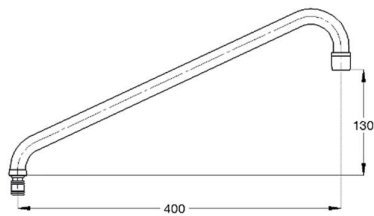
84178/84170



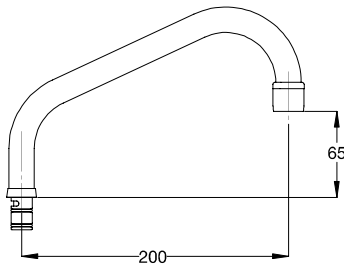
84180/84165



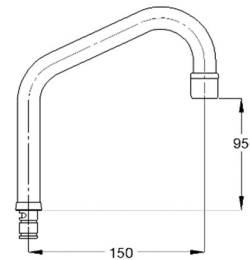
84160



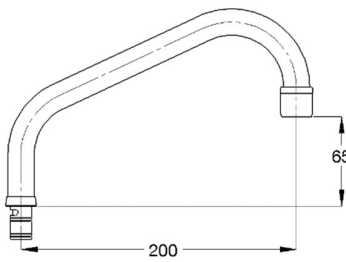
84123



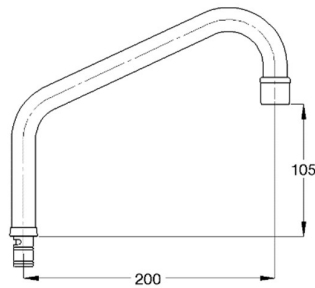
84130



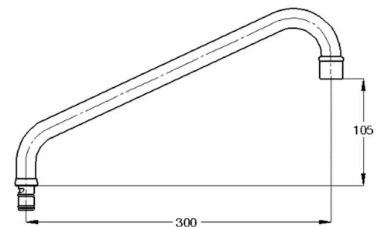
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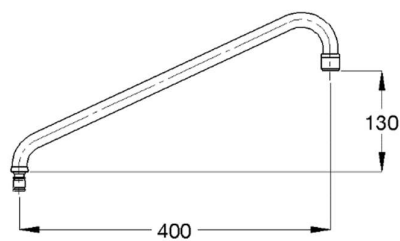
84139



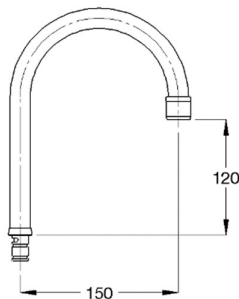
84145



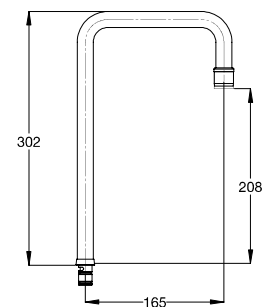
84147



84149



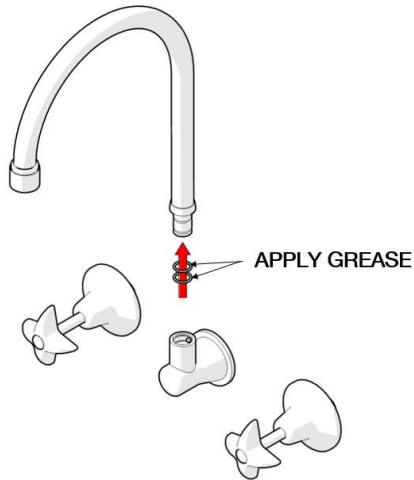
84152



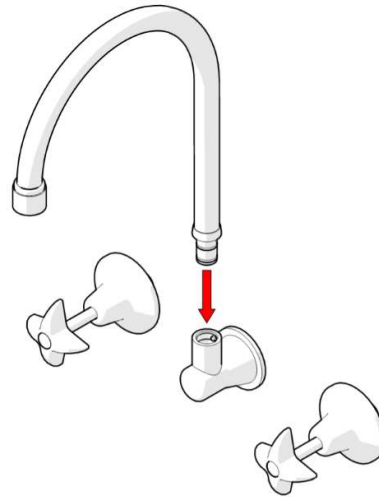
84182

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.

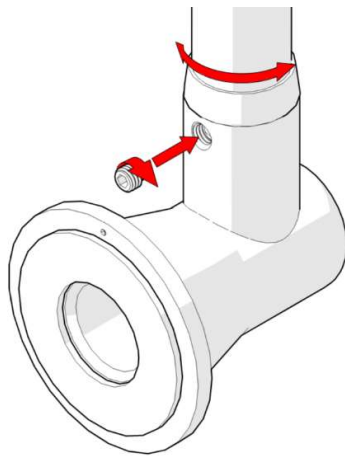
**1. Grease o-rings**

- Grease o-rings.

**2. Fit spout**

- Fit the spout.

NOTE: The spout is fitted to an exposed tapware body for illustration purposes only.

**3. Tighten grub screw**

- Tighten grub screw using a hex key.

Note: Do not overtighten grub screw. Ensure spout swivels freely once installed.

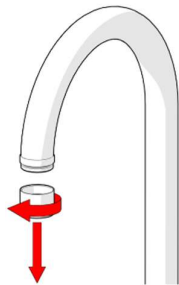
**4. Testing**

- Turn on water and test the unit for any leaks.

DUAL-STAR RATED ITEMS (WELS)

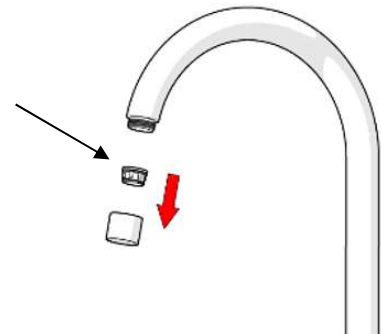
Due to some state requirements, items are required to be in higher star rating (6-star). Therefore, for some items, two flow regulators are supplied. Primarily, the higher star-rated flow regulator is equipped in the assembly.

Items	Primary Flow Regulator	Alternative Flow Regulator
84170	6-stars (blue)	5-stars (black)

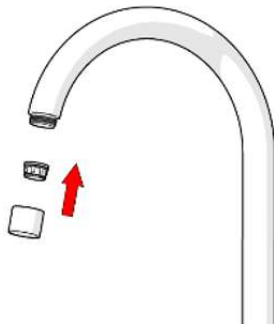
CHANGING FLOW REGULATOR (84170 ONLY)**1. Remove Aerator Housing**

- Turn housing in an anti-clockwise direction to loosen and to remove as shown. For vandal-resistant type, use supplied tool to remove housing.

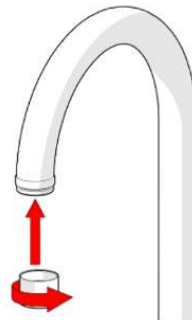
Flow
Regulating
Aerator

**2. Remove & Swap**

- Remove the flow regulating aerator.
- Fit the supplied alternative flow regulating aerator.

**3. Reassemble**

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



TROUBLESHOOTING

PROBLEM	CAUSE	RECTIFICATION
No water flow	Water is turned off	Turn water on
	Flow regulator is blocked by debris	Remove flow regulator from spout and remove debris. Install an inline strainer.

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 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.

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