

Series LG Lab Faucets w/ Full Recirculation

Materials: High Purity Natural Polypropylene & PVDF

Fields of Application: Type I, II Deionized, RO, Ultra Filtrated Water.

Marquest Scientific has been manufacturing faucets for the transportation and dispensing of high purity liquids for over 25 years. Recirculation is a feature developed to eliminate any bacterial growth or other biological impurities due to stagnation. This is accomplished by providing a method to allow continuous motion of the liquid during all phases of operation.



Features & Benefits:

- All Virgin PP/PVDF and PTFE Wetted Fluid Path
- Needle Valve Activation at Point of Use, No Dead Leg
- Simplified Installation of Recirculation Module
- "L Series" Needle Control Valve offers all new PTFE sealing with Unlimited Life Warranty
- Ultra Smooth Internal Flow Path
- FDA, USDA, and USP Standards are either Met And/OR Exceeded
- No Metals, Lubricants, or Elastomers are used

Specifications:

Inlet x Outlet Connection: 3/8" Female NPT
Materials: Natural Polypro & High Purity PVDF
Seal material: PTFE
Configurations: Deck or Wall Mount
Working Pressure: Max 100 psi at 70 Deg F.
Codes & Standards: ARRA Section 1605 "Buy American" Compliant. ASME A112.18.1M
Flow Rate: Max Flow of .8 GPM @ 70 PSI

- Notes:**
1. All Assemblies include a 3" Thru-Deck Nipple, Ring Nut, and Casual Water Gasket.
 2. Below Deck Recirculation Module provides 3/8" Female NPT Inlet & Outlet.
 3. All Assemblies Require 1" Diameter Hole for Mounting.
 4. Maximum Deck or Wall Panel Thickness is 3".

Markets:

- Universities
- Hospitals
- Mining
- Semiconductor
- Food & Beverage
- Life Science & Pharma
- Many more..



Go Green, Go Non-Metallic!

Metals as well as the mining of metals are inherently polluting. Plastic piping carbon dioxide emissions are almost always lower than competitive materials such as steel.

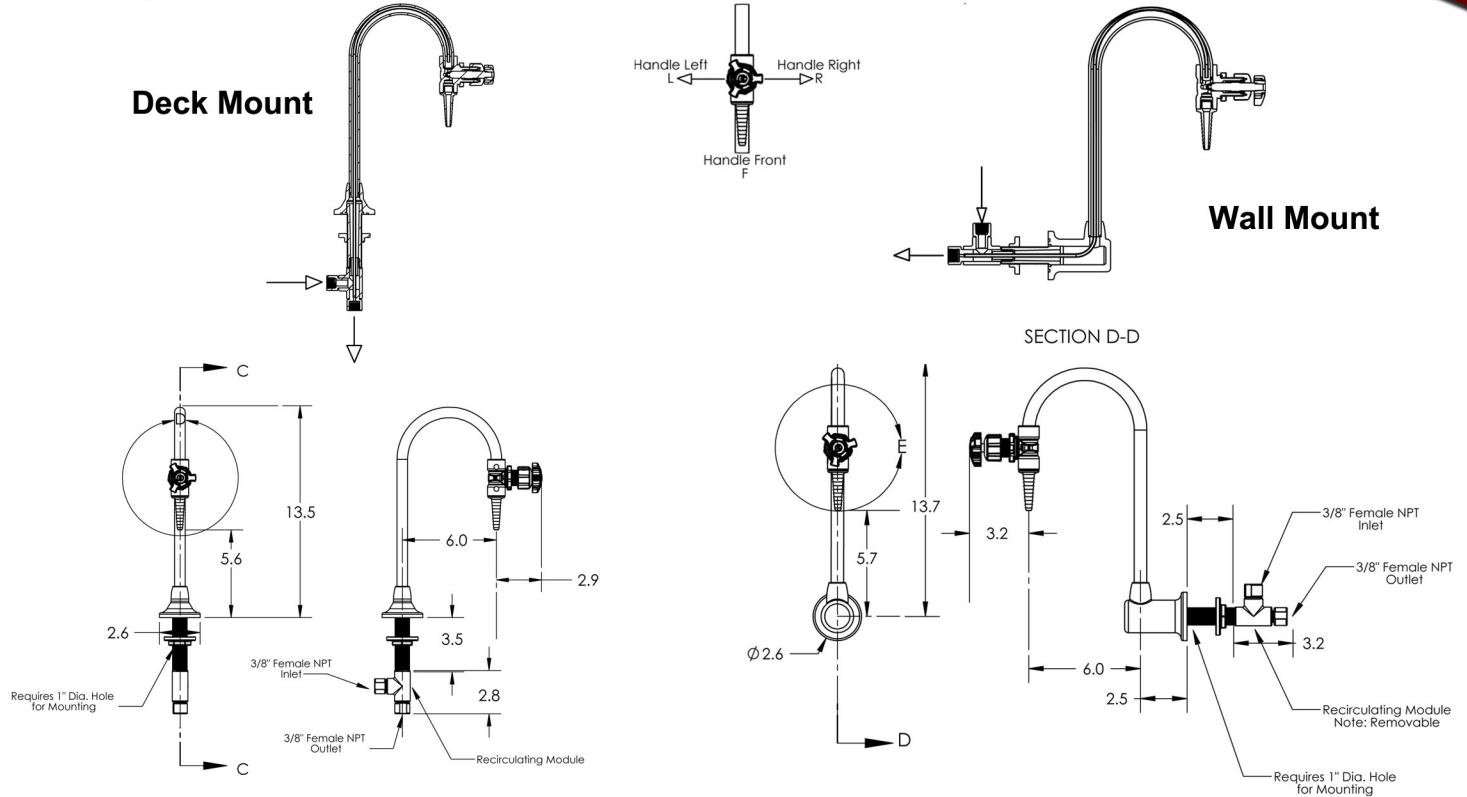


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LG.DNR.0613

Dimensional Drawings

*Dimensions in inches



How to Order

Lab Gooseneck — **LG** — **D** **NR** — **R** **2**

D = Deck Mount

W = Wall Mount

NR = L Series* Needle Control Valve & Recirculation Module**

R = Handle Right

L = Handle Left

F = Handle Front

2 = Natural Polypro

3 = High Purity PVDF

Notes:

* L Series Control Valve comprises a PTFE Tipped Needle for Constant On/Off Use. Unlimited Lifetime Warranty.

** Standard 3/8" Female NPT Inlet & Outlet for Recirc Module. Fusion & Flare Connections available. Please contact factory.

*** Recirculation Tube travels the entire length of the gooseneck to the Point of Use Control Valve.

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