

# 900 Series Lab Fittings

## 831-PVDF

### Product Type

Wall-mounted laboratory PVDF pure water fitting

### Features & Specifications

- Single-hole
- Complies with the requirements of the Buy American Act of 1933.

### Performance Specification

- Rated Operating Pressure: 150 PSI max.

### Warranty

- 5-Year Limited Faucet Warranty
- 1-Year Limited Finish Warranty
- 5-Year Limited Mechanical Warranty

### Codes & Standards

Job Name \_\_\_\_\_

Item Number \_\_\_\_\_

Section/Tag \_\_\_\_\_

Model Specified \_\_\_\_\_

Architect \_\_\_\_\_

Engineer \_\_\_\_\_

Contractor \_\_\_\_\_

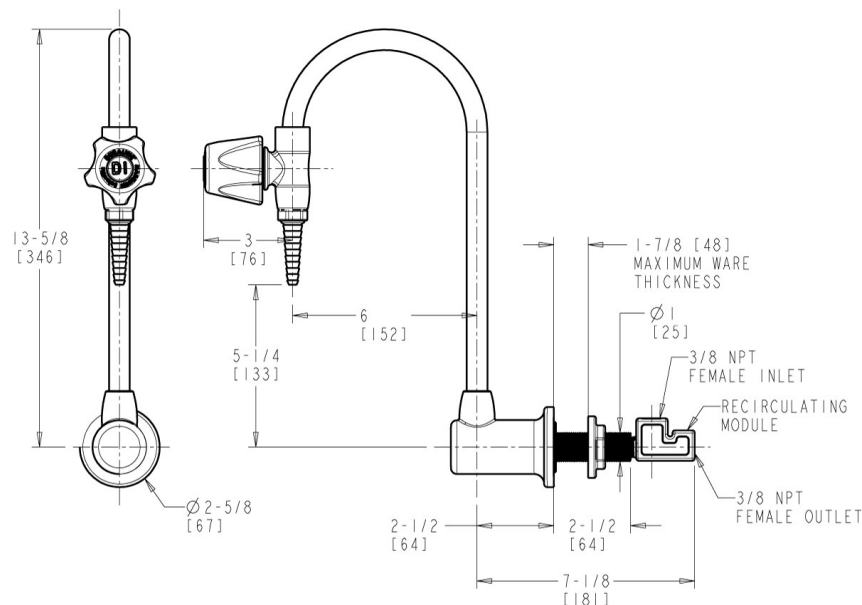
☐ Submitted as Shown ☐ Submitted with Variations

Date \_\_\_\_\_



## Architect/Engineer Specification

Chicago Faucets No. 831-PVDF, Pure Water Faucet, Polyvinylidene Fluoride (PVDF), wall-mounted. 3/8" NPT female inlet or 1/2" NPSM male thread inlet. This faucet is designed to allow for full recirculation and provide a constant flow of DI Water when the point-of-use dispense is not being utilized.



NOTES:  
 THE RECIRCULATING LAB FAUCET COMES WITH THE RECIRCULATING MODULE AND TUBE TEMPORARILY ASSEMBLED.  
 STEP1. REMOVE THE RECIRCULATING MODULE AND RECIRCULATING TUBE FROM THE THROUGH DECK NIPPLE.  
 STEP2. MOUNT THE FAUCET IN THE DESIRED LOCATION THROUGH A 1" DIAMETER HOLE. TIGHTEN TO THE DECK WITH THE RING NUT SUPPLIED.  
 STEP3. INSERT THE RECIRCULATING TUBE INTO AND THROUGH THE THROUGH DECK NIPPLE UNTIL THE 3/8" MALE NPT THREAD MATES WITH THE 3/8" FEMALE NPT THREAD IN THE INLET CONNECTION OF THE THROUGH DECK NIPPLE. TIGHTEN BY HAND PLUS 1/4 WRENCH TURN.  
 STEP4. CONNECT THE SUPPLY LINE TO THE 3/8" FEMALE NPT INLET CONNECTION.  
 STEP5. CONNECT THE RECIRCULATING RETURN LINE TO THE 3/8" FEMALE NPT OUTLET CONNECTION.  
 STEP6. PRESSURE TEST ALL CONNECTIONS.  
 NOTE: A HIGH DENSITY PTFE TAPE IS THE RECOMMENDED THREAD SEALANT.

## Operation and Maintenance

Installation should be in accordance with local plumbing codes. Flush all pipes thoroughly before installation. After installation, remove spout outlet or flow control and flush faucet thoroughly to clear any debris. Care should be taken when cleaning the product. Do not use abrasive cleaners, chemicals or solvents as they can result in surface damage. Use mild soap and warm water for cleaning and protecting the life of Chicago Faucet products. For specific operation and maintenance refer to the installation instructions and repair parts documents that are located at [www.chicagofaucets.com](http://www.chicagofaucets.com).

Chicago Faucets, member of the Geberit Group, is the leading brand of commercial faucets and fittings in the United States, offering a complete range of products for schools, laboratories, hospitals, office buildings, food service, airports and sport facilities. Call 1.800.TECTRUE or 1.847.803.5000 Option 1 for installation or other technical assistance.

