

## A172.8-UG Series

### BASE MODEL A172108F-UG

BARRIER FREE, UNIVERSAL BI-LEVEL,  
WALL MOUNTED WATER COOLER

#### STANDARD FEATURES

- Rough-Ins Match Other Manufacturer's for Easy Replacement
- EZ Door® Filter, 30-Second Filter Replacement Option
- Child or Adult ADA Compliant (When Properly Installed)
- Universal Bi-Level - Can Be Installed Left High Or Right High With No Additional Parts
- Apron and One-Piece Bottom Wrapper is Satin Finish Or Gray Powder Coat Finish
- Flexible, Low Flow, Anti-Microbial, Anti-Rotation, Non-Squirt Bubbler
- 100-Mesh Inlet Strainer
- Individual Hanging Brackets provided
- Auto-stop allows Cartridge and Strainer service without shutting off water supply
- Lead-Free

#### SUGGESTED SPECIFICATIONS

Model A172108F-UG is a bi-level, self-contained, pressure Water Cooler that shall deliver a minimum of **8.0 GPH** (30.3 LPH) of water at 50°F (10°C) cooled from 80°F (26.7°C) inlet water and 90°F (32.2°C) ambient. Unit shall be activated from an Anti-Microbial Pushbutton in the front, using less than 5 pounds of force. Bubblers shall deliver a 0.3 GPM flow, have a Flexible Guard with an integrally designed non-squirt feature and operate on a water pressure range of 20-105 PSIG. Basins shall be constructed from 304 Stainless Steel and have an Integral Drain. Cabinet shall be either Galvanized or Galvannealed Steel with Gray Powder Coat Finish or Stainless Steel with Satin Finish. Cooling system shall use R-134a Refrigerant and be Capillary Tube regulated. Unit shall be listed by Underwriters Laboratories for both the US and Canada and is to be compliant to ANSI/ASHRAE 18. Unit shall be certified to Public Law 111-380 (NO-LEAD) and NSF/ANSI/CAN 61. Fixture meets ADA, ADA Standing Person, and ADA Child requirements when mounted appropriately. Unit shall still deliver ambient water temperature to the Bubbler in the absence of electrical power as long as there is a pressurized water supply.

| Model Number | GPH* | Rated Watts | Full Load Amps | Approx. Shipping Weight |
|--------------|------|-------------|----------------|-------------------------|
| A172108F-UG  | 8.0  | 335         | 4.1            | 137 lbs.                |

\* GPH of 50°F water at 90°F ambient room temperature and 80°F inlet water temperature  
Compressor motor operates on 115 Volt / 60 Hz single phase.

Complies with the following standards:



Federal Public Law 111-380 (No Lead)



NSF/ANSI/CAN 61

ANSI/ASHRAE 18



Model A172108F-UG Shown  
PATENT# 10,100,933



**Maintenance Advantage®**  
Water Cooler by Murdock Manufacturing

**"RATED FOR INDOOR USE ONLY"**

#### MODEL:

(Must Specify)

#### FLEXIBLE BUBBLER

- ☐ A172108F-UG Gray Finish (Standard - Shown)
- ☐ A172408F-UG Satin Stainless Finish

#### STAINLESS STEEL BUBBLER

- ☐ A172108S-UG Gray Finish
- ☐ A172408S-UG Satin Stainless Finish

#### OPTIONS:

(Additional costs may apply.)

- ☐ -LOGO Customer Specified Logo / Graphics
- ☐ -220V 220 Volt / 50 Hz or 60Hz Compressor

#### ACCESSORIES:

(Additional costs may apply. Accessory items are packaged separately.)

- ☐ -WF1EZ 1500-Gallon Capacity EZ Door® Filter<sup>1</sup>  
30-Second Replacement (Patent Pending)
- ☐ -WF3 3000-Gallon Capacity Water Filter<sup>1</sup>
- ☐ -SK5 Cane Detection Skirt for Upper Unit<sup>1</sup>  
Skirt finish provided to match Model selected above  
(P.N. A000G000-SK5 Gray, A0004000-SK5 Satin Stainless)

#### NOTES:

1 - Refer to Supplemental Submittal Sheet for Details.

#### Compatible Mounting Support Carrier

Jay R. Smith Mfg. Co. Figure # 0834-4P <https://www.JRSmith.com>

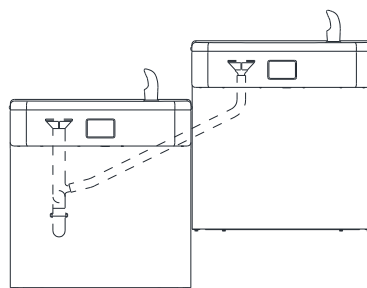
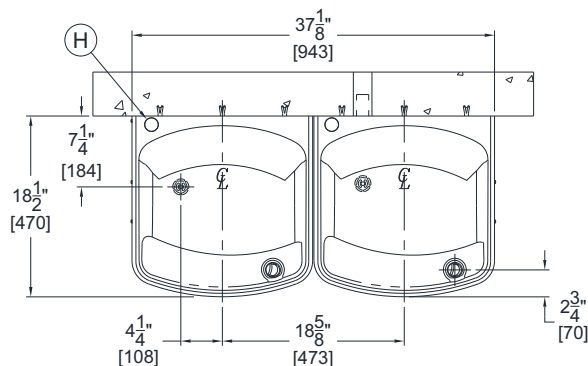
#### Product Warranty

**WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

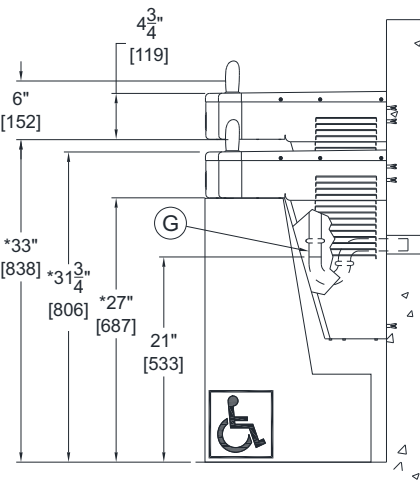
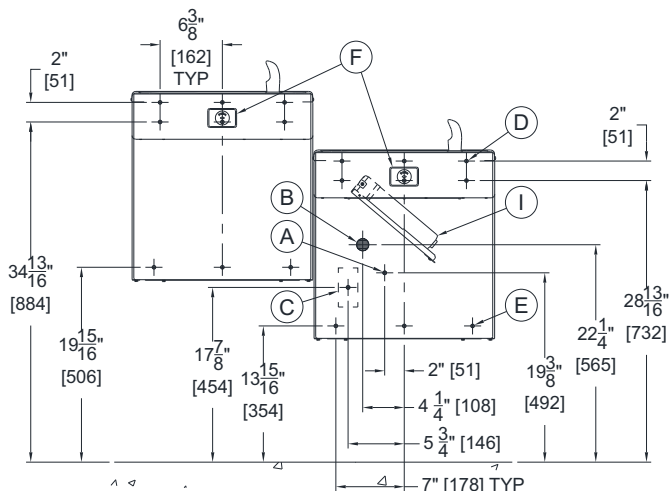
## A172.8-UG Series

BASE MODEL A172108F-UG

BARRIER FREE, UNIVERSAL BI-LEVEL,  
WALL MOUNTED WATER COOLER



ALTERNATE MOUNTING  
CONFIGURATION



**GENERAL NOTES:**

1. ALL DIMENSIONS ARE IN INCHES [MM]
2. ALLOW 4 INCHES [102MM] MINIMUM CLEARANCE PER SIDE FOR VENTILATION
- \*3. DIMENSIONS SHOWN ARE FOR ADA ADULT HEIGHT. ADJUST VERTICAL DIMENSIONS AS NECESSARY TO COMPLY WITH FEDERAL, STATE & LOCAL CODES
4. STOP VALVE, P-TRAP & ELECTRICAL OUTLET NOT SUPPLIED
5. IMPORTANT: COOLERS MUST BE ATTACHED TO WALL WITH APPROPRIATE ANCHOR SCREWS

- A. 3/8" O.D. SUPPLY INLET
- B. WASTE OUTLET FOR P-TRAP BY OTHERS FOR PROVIDED 1-1/4" O.D. TAILPIECE
- C. ELECTRICAL SERVICE ROUGH
- D. Ø3/8" HANGER BRACKET PUNCHING, 6 PLACES FOR ANCHORING HARDWARE BY OTHERS
- E. Ø1/4" PUNCHING, 3 PLACES FOR ANCHORING HARDWARE BY OTHERS
- F. PUSHBUTTON CARTRIDGE
- G. 1-1/4" [32] O.D. TAILPIECE FOR P-TRAP BY OTHERS
- H. REMOVABLE PLUG FOR BOTTLE FILLER (-BF11 OR -BF12 ONLY)
- I. OPTIONAL -WF1EZ, EZ DOOR® FILTER

**IMPORTANT: Dimensions are shown for reference only. Refer to product Installation Manual for complete details prior to Rough-in.**

SELECTION SUMMARY  
& APPROVAL FOR  
MANUFACTURING

|                                                    |                |
|----------------------------------------------------|----------------|
| Model Number & Options _____                       | Quantity _____ |
| Company _____                                      |                |
| Contact _____                                      | Title _____    |
| Signature<br>(Approval for<br>Manufacturing) _____ | Date _____     |

All dimensions are subject to manufactures tolerance of plus or minus 1/4" nominal and subject to change without notice. Murdock® assumes no responsibility for use of void or superseded data. Dimensions may change with the addition of optional accessories. Murdock® Mfg., Member of Morris Group International®. Please visit [www.murdockmfg.com](http://www.murdockmfg.com) for most current specifications.

## BF12 Bottle Filler Series

H<sub>2</sub>O TO GO!® SENSOR OPERATED BOTTLE FILLER

### STANDARD FEATURES

- ADA Compliant
- 100-Mesh Inlet Strainer
- 120VAC/9V DC Plug-In Transformer
- Hands-Free Sensor Operation
- 1 GPM Laminar Flow Nozzle
- 20 Second Maximum Run Time
- Fits existing Murdock® A171, A172, Water Cooler Series
- May be used with certain competitor models  
(Contact Factory for more information)

### SUGGESTED SPECIFICATIONS

Bottle Filler unit may be used on certain existing Murdock® Manufacturing units or models which include Bottle Filler. Existing Drinking Fountain may require alteration for connection to Bottle Filler. Unit to include Sensor operated activation with a 20 second maximum run time. Housing construction to be heavy gauge stainless steel with a #4 satin finish and to include components manufactured from antimicrobial, impact resistant ABS. Bottle Filler shall provide approximately 1.0 GPM flow rate with a Laminar Flow Spout to minimize splashing. Optional -BCD (Bottle Counter Display) indicates the quantity of 16 oz disposable Plastic Bottles saved from a land fill. -BCD option displays the Water Filter Status and includes LED Light to illuminate and brighten the Bottle Fill area when a Bottle is detected. Optional -WF1 Water Filter meets NSF 42 and 53 requirements and reduces lead content in the drinking water by 99%. Unit shall be certified to Public Law 111-380 (NO-LEAD) and NSF/ANSI/CAN 61.



Model BF12-BCD Shown

**"INDOOR USE ONLY"**

### MODEL:

(Must Specify)

- ☐ BF12 Sensor Operated Bottle Filler
- ☐ BF12-BAT Sensor Operated Bottle Filler, Battery Powered

### OPTIONS

(additional costs may be incurred)

- ☐ -BCD Bottle Counter Display <sup>1</sup>
- ☐ -WF1 1500-gallon capacity Water Filter  
(Note: Shipped loose for Assembly to Water Cooler)

Options Notes:

<sup>1</sup> Requires Electrical, Not Available on -BAT Battery Powered models.

Complies with the following standards:



Federal Public Law 111-380 (No Lead)



NSF/ANSI/CAN 61

**Product Warranty**

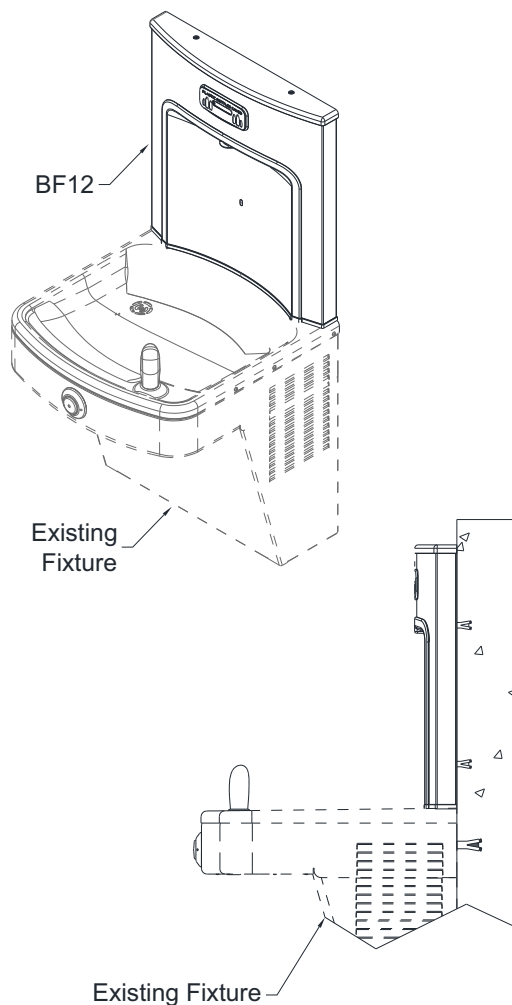
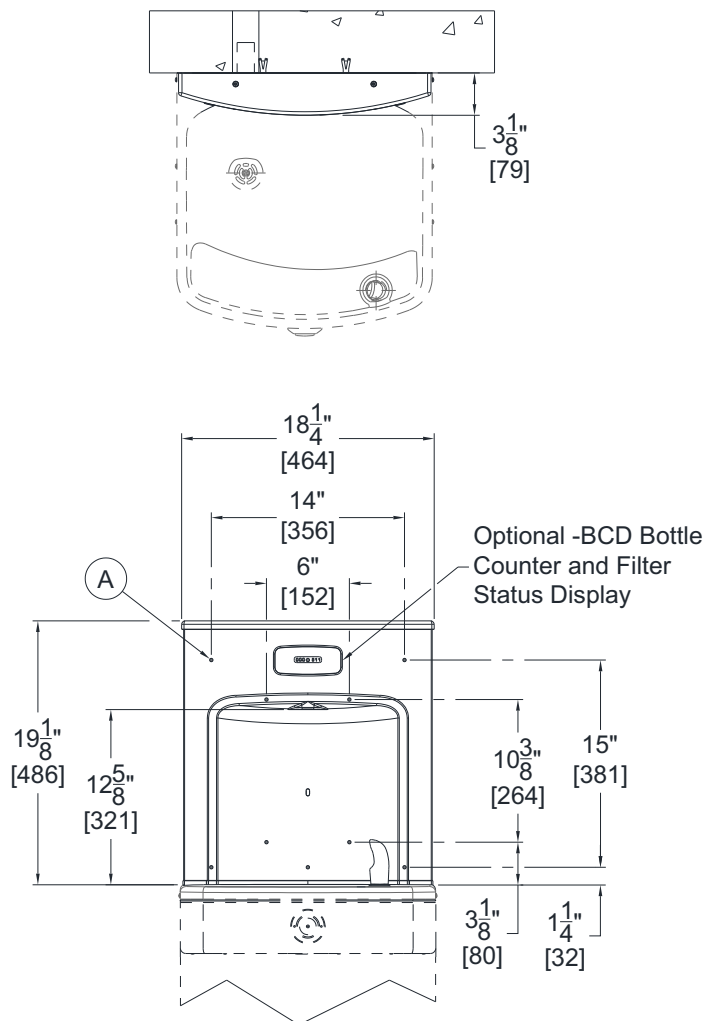
**WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**MURDOCK MFG.** • 15125 Proctor Avenue • City of Industry, CA 91746 USA  
Phone 800-453-7465 or 626-333-2543 • [www.murdockmfg.com](http://www.murdockmfg.com)

Member of  
**MORRIS GROUP**  
INTERNATIONAL

## BF12 Bottle Filler Series

H<sub>2</sub>O TO GO!® SENSOR OPERATED  
BOTTLE FILLER



**General Note:**

1. All dimensions are in inches [MM]

- A. Ø1/4" Holes, 10 Places for Anchoring Hardware, provided by others

SELECTION SUMMARY  
& APPROVAL FOR  
MANUFACTURING

|                                                    |                |
|----------------------------------------------------|----------------|
| Model Number & Options _____                       | Quantity _____ |
| Company _____                                      |                |
| Contact _____                                      | Title _____    |
| Signature<br>(Approval for<br>Manufacturing) _____ | Date _____     |

All dimensions are subject to manufactures tolerance of plus or minus 1/4" nominal and subject to change without notice. Murdock® assumes no responsibility for use of void or superseded data. Dimensions may change with the addition of optional accessories. Murdock® Mfg., Member of Morris Group International®. Please visit [www.murdockmfg.com](http://www.murdockmfg.com) for most current specifications.

## **WF1EZ** 1500-GALLON CAPACITY EZ DOOR® FILTER

(Patent Pending)

### **STANDARD FEATURES**

- Industry Leading Innovation 30-Second Filter Replacement!
- Optionally Available for New A171 & A172 Series Models
- Retrofits Existing A171 and A172 Series Models (Manufactured After October 2022)
- WF1; 1500-Gallon Lead, Chlorine and Cyst Reduction Filter
- Complies with NSF/ANSI 42+53 Lead Reduction to 1 Micron
- Complete Kit with All Components for Easy Installation

### **SUGGESTED SPECIFICATIONS**

Provide Murdock® Drop Down Filter Accessory WF1EZ 1500-Gallon Capacity EZ Door® Filter. Accessory unit shall include single Lead/Cyst Reduction Filter with 1500-Gallon capacity. Following installation, Filter assembly will be held in place within Housing. Drop Down Door and Filter assembly shall be accessed by removing stainless steel Allen Head Fasteners. The filter shall be for cold water use only and operate at temperatures of 35°F - 100°F [2°C - 38°C]. Operating pressure is not to exceed 125 psig. Capacity is 1500 gallons with a flow rate of 0.5 gpm [1.9 lpm]. Filter shall adhere to NSF/ANSI 42+53 with lead reduction to one (1) micron.

### **MODEL:** (Must Specify)

- ☐ -WF1EZ 1500-Gallon Capacity EZ Door® Filter  
(Patent Pending)  
(NSF/ANSI 42+53 Lead Reduction to 1 Micron)

#### **REPLACEMENT FILTERS:**

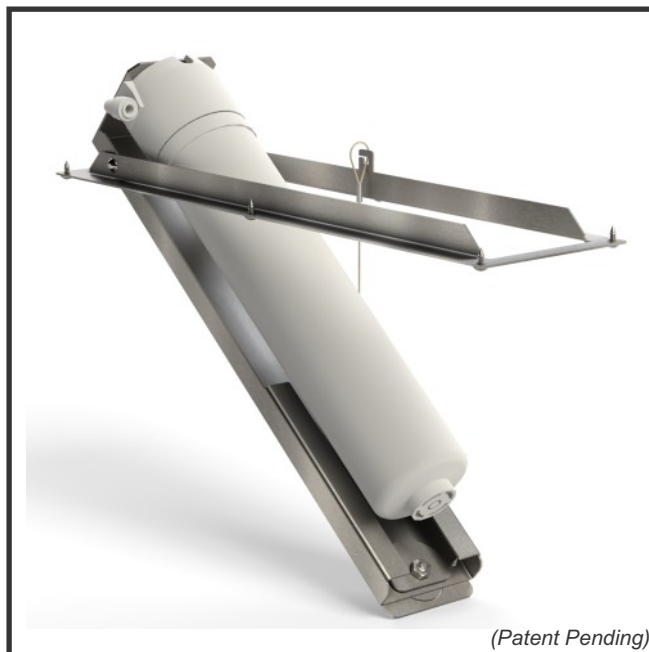
Refer to Murdock® Accessory Model RWF1 for Replacement 1500-Gallon Filters (sold separately).

#### **Note:**

The filters comply with NSF/ANSI 42+53 Standards. Properly installed and maintained, these approvals cover a reduction in lead, E. coli and cryptosporidium.

The link to the Lead Free IAPMO R&T Product Listing File #6039 is:

<https://plm.iapmo.org/pld#/certificate/6039/344>



(Shown as shipped)



(Shown in open position, following installation)

**NSF/ANSI 61**

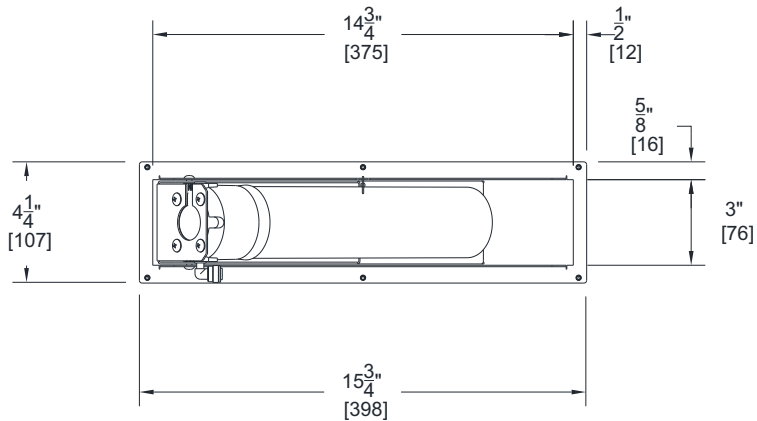


Federal  
Public Law  
111-380  
(No Lead)

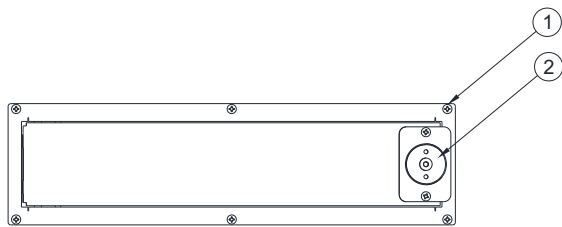
⚠ WARNING: Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**MURDOCK MFG.** • 15125 Proctor Avenue • City of Industry, CA 91746 USA  
Phone 800-453-7465 or 626-333-2543 • [www.murdockmfg.com](http://www.murdockmfg.com)

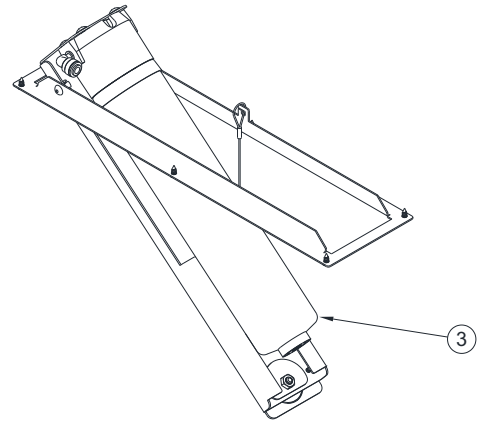
Member of  
**MORRIS GROUP**  
INTERNATIONAL



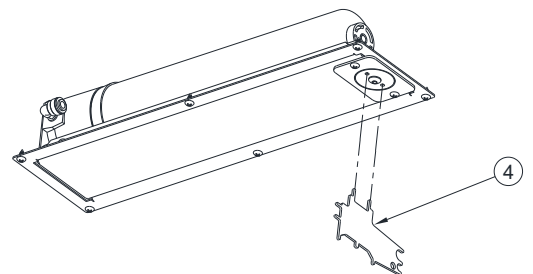
TOP VIEW



FRONT VIEW



ANGLED VIEW OPEN LATCH



ANGLED VIEW CLOSED LATCH

**NOTES:**

1. (6) #8 x 3/8" Long Stainless Steel Screws
2. Latch Locking Mechanism
3. Model -WF1 Filter Cartridge Assembly
4. Fixture Maintenance Tool (Required to Open and Close Latch. Provided with Drinking Fountain.)

Details below are provided by Third Party Filter Manufacturer.  
Information is deemed reliable however, subject to change without notice.

| Standard 42 Aesthetic Effects/Standard 53 Health Effects |                  |                      |                  |                  |                           |                           |
|----------------------------------------------------------|------------------|----------------------|------------------|------------------|---------------------------|---------------------------|
| Parameter                                                | US EPA MCL       | Influent Challenge   | Effluent Average | Effluent Maximum | Percent Reduction Average | Percent Reduction Minimum |
| Chlorine                                                 | -                | 2.0 mg/L             | 0.03 mg/L        | 0.06 mg/L        | 98.5                      | 97                        |
| Cyst                                                     | 99.95% Reduction | 111,750 Particles/ml | 1 particle/ml    | 2 particles/ml   | 99.99%                    | 99.99                     |
| Lead pH 8.5                                              | 15 ug/L          | 135 ug/L             | 5.5 ug/L         | 13 ug/L          | 95.9%                     | 90                        |
| Lead pH 6.5                                              | 15 ug/L          | 149 ppb              | 1 ug/L           | 1 ug/L           | 99%                       | 99                        |

<sup>1</sup>Tested using flow rate = 0.5 gpm; pressure = 60 psig; pH = 8.5 and 6.5; temp. = 20 ± °2.5° C