

# Direct Feed Loop Disinfection Assembly



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#### 1 ABOUT YOUR SYSTEM

The Association for the Advancement of Medical Instrumentation (AAMI), recommends 500 PPM (1% PAA) be used to disinfect a distribution loop. Achieving the recommended amount through dosing can be difficult to achieve due to dilution from the Reverse Osmosis (RO) unit. The Direct Feed Disinfection Tank is to help achieve the recommended 500 ppm (1% PAA) in the distribution loop.

#### 1.1 Models

| PART NUMBER | DESCRIPTION                                  |
|-------------|--|
| 0085-0020   | Direct Feed Loop Disinfection Assembly, 1/2" |
| 0085-0021   | Direct Feed Loop Disinfection Assembly, 3/4" |
| 0085-0023   | Direct Feed Loop Disinfection Assembly, 1"   |

#### 1.2 Installation

- 1. The header assembly is installed after the RO, in-line with the rest of the water room plumbing. Reference Section 4 for drawing.
- 2. Mount the header to the wall through the four holes in the unistrut using the screws provided in the central system install kit. The header should be installed as close as possible to the product discharge of the RO.
- 3. The disinfection tank and hosing can be stored until ready for use.

#### 2 DISINFECTION

#### WARNING: DISINFECTION NOT TO BE EXECUTED WHILE PATIENTS ARE BEING TREATED!

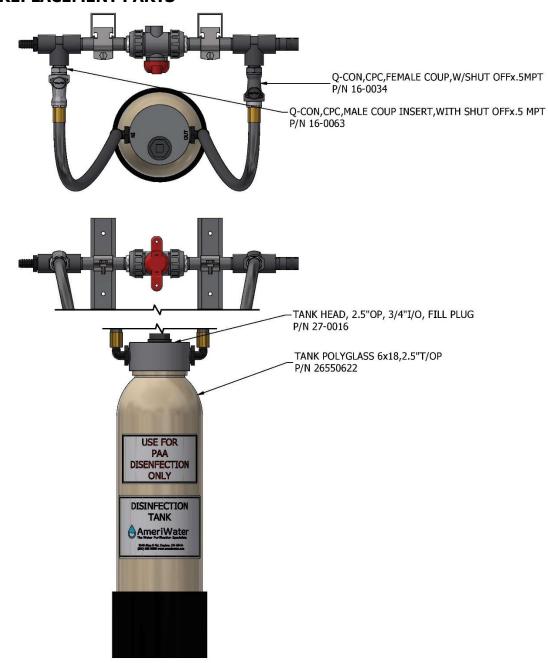
#### 2.1 Instructions

- 1. Remove the fill plug from the tank head. Drain tank and add necessary amount of Peracidin (or Minncare) to achieve 1:100 ratio. This should be based on the amount of water in your system (use loop size and length to calculate).
- 2. Secure the fill plug back onto the tank.
- 3. Connect inlet and outlet hoses to disinfection header.
- 4. Completely close the disinfection header valve.
- 5. Turn on the RO.
- 6. Verify the concentration of the disinfectant at all points of use in the loop and at the end of the loop is  $\geq 1\%$  (500 ppm) using the acid test strips (P/N 97HP20401).
- 7. Shut off the RO and allow loop to dwell for a minimum of 60 minutes.
- 8. Disconnect the inlet and outlet hoses from the disinfection header.
- 9. Completely open the header valve and open the drain valve on the product recovery kit. Turn on the RO to thoroughly rinse out the disinfectant at all points of use. This should be performed for a minimum of 60 minutes to achieve a reading of 0 ppm on the residual disinfectant strip (P/N 97PX20501) at all points of use and at the end of loop.
- 10. Turn off the RO and let sit for 15 minutes. Turn back on and rinse out any rebound, testing to achieve a reading of 0 ppm on the residual disinfectant strip (P/N 97PX20501) at all points of use and the end of loop.

WARNING: DO NOT TREAT PATIENTS UNTIL THE RESIDUAL DISINFECTANT IS READING Oppm!

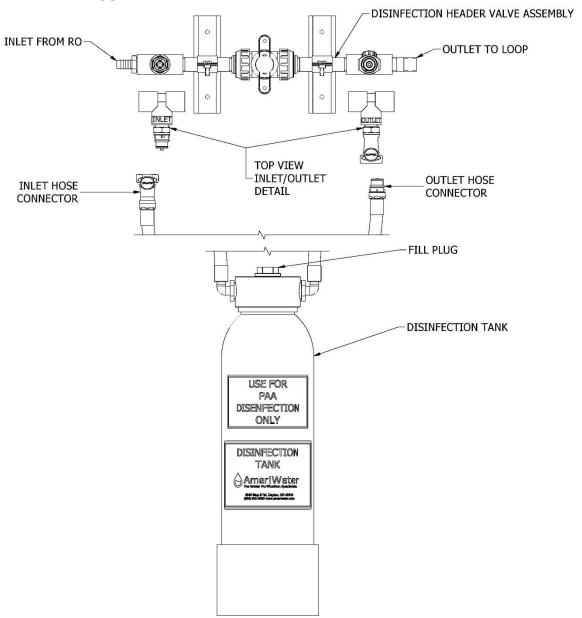
WARNING: THE DIRECT FEED LOOP SYSTEMS SHOULD BE USED FOR DISINFECTION ONLY!

## 3 REPLACEMENT PARTS



| PART NUMBER | DESCRIPTION  |
|-------------|--|
| 95-0013     | PERACIDIN DISINFECTANT, 4 GALLON CASE                                |
| 95-0020     | PERACIDIN DISINFECTANT, 1 GALLON CASE                                |
| 97HP20401   | HIGH RANGE PERACETIC ACID TEST STRIPS (6 BOTTLES OF 100 STRIPS EACH) |
| 97PX20501   | RESIDUAL PEROXIDE TEST STRIPS (6 BOTTLES OF 100 STRIPS EACH)         |

### 4 DRAWINGS



#### **CALIFORNIA PROPOSITION 65**



# WARNING

This product can expose you to chemicals such as vinyl chloride (used in the production of PVC) or Nickel (used in the production of stainless steel), that are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Dear Valued Customer,

California Proposition 65 (Prop 65) is the Safe Water and Toxic Enforcement Act of 1986. The State of California began enforcing amendments to California Prop 65 at the end of August 2018. Prop 65 requires manufacturers to provide a clear and reasonable warning to residents of California about chemicals used in products that they purchase that are included on the Prop 65 Chemical List. The chemicals included on the list are chemicals that are known to the State of California to cause cancer, birth defects, or other reproductive harm. One such chemical is Vinyl Chloride, a compound used to produce Polyvinyl Chloride (PVC). The AmeriWater system you have purchased may contain PVC or stainless steel parts.

While warnings are only required in the State of California, AmeriWater has initiated the use of Prop 65 labeling for all products to ensure compliance with California regulations. Please note that the above warning does not necessarily mean that the product that you have purchased is unsafe. Products that have been cleared for market by FDA have been determined to be safe and effective by the United States Food and Drug Administration. The warning is simply a requirement by the State of California. If you wish to obtain additional information, please visit: p65warnings.ca.gov. You may also contact your AmeriWater representative if you have any questions.

Thank you for your understanding and we look forward to continuing to serve you.