

Section 4 - FLUSH THE SYSTEM, DO NOT USE THE FIRST BATCH OF PURIFIED WATER.

BIOScript™ filter(s) require flushing of at least 1 gallon of PURIFIED water through the filter prior to initial use. An alternative way of flushing the filter through the dispenser is to flush the filter(s) directly into an appropriate container. To do so, simply use the Ball Valve at the filter inlet to control the water flow. Remove the tubing from the filter outlet and flush. If water is still turbid after 24 hours, repeat the flushing procedure outlined above. The system is ready for normal operation.

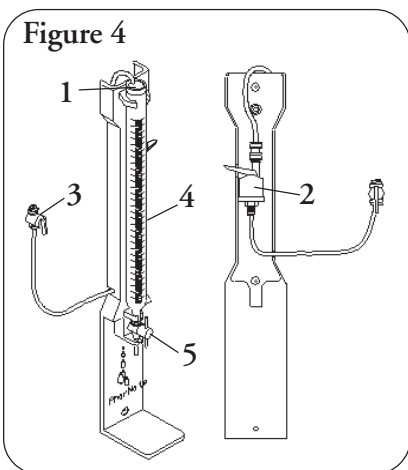
Note: For the first 7 consecutive days of use after cartridge installation, discard the first 300 ml of water from the dispenser (first use of the day) before normal use.

Future Cleaning of the Burette:

1. Remove air filter cap at top. Grasp the burette and gently pull it away from the mounting clips and bracket. NOTE: You may pull the stopcock straight down and out of the burette for cleaning.
2. The burette may then be cleaned with alcohol or a mild detergent and a bottle brush.

Parts Description:

Part #	Part #
1. 20 Micron Air Filter	PM-AF5085
2. Fill Valve Assy w/Tubing	PM-FVA6UC4
3. Shut Off Valve	PPSV040808W
4. Burette (without Stopcock)	PM-B150
5. Stopcock	6474-FWS2
Sanitary Tips, Pkg. (6)	PM-ST15012
Wall Mounting Hardware	PM-HDW50



EzScript™ Dispenser Warranty:

Fresh Water Systems warrants all EzScript components to be free of defects in material and workmanship for a period of 2 years from the date of purchase with the exception of: *Stopcock, Air-Filter, and replaceable tips.* These items are designed to be replaced as part of a routine maintenance program.

This warranty does not cover abuse or misuse of the equipment. To obtain warranty replacements, contact Fresh Water Systems, Inc. for a Return Authorization. Upon determining the nature of the repair, Fresh Water Systems will ship a replacement part or a complete unit at its discretion. Credit will be issued when the part or unit is returned within 30 days. Please record the installation date and serial number below and file away for later use should it be needed.

Install Date _____ Serial Number _____

For Customer Service or Warranty Returns:

E-mail: rx@freshwatersystems.com Phone: 1-858-792-8275



EzScript™

RX Bottled Water Dispensing System

The EzScript™ RX Bottled Water Dispensing System has been designed for Pharmacies to provide a reliable, accurate and efficient method of dispensing pharmaceutically compatible water for prescriptions. Its features include:

- Fill valve tested to 100,000 cycles and made exclusively for demineralized water.
- Pyrex™ buret is easily cleaned and sanitized.
- FDA approved 20 micron air filter eliminates airborne bacteria.
- Laboratory grade Teflon replaceable stopcock.
- FDA, NSF approved tubing & fittings are used in all areas of contact with water.
- Sanitary tips meet the requirements of the U.S.P. XXII Class V Criteria, exceeds 3A Sanitary Standards and FDA 21 CFR Part 177.2600 Criteria.
- Exclusive BioScript Filter meets U.S.P XXVI for conductivity and bacteria when used with distilled or purified bottled water.
- Reliable low voltage pump for smooth constant delivery.

Section 1 - Dispenser & Pump Installation:

Parts List:

- PharMate™ Dispenser Model PMD-250
- EzScript Delivery Pump
- BioScript Filter w/mounting clip
- Air Filter Disc with Cap for Bottled Water
- Nail Clamps
- Self drilling screws
- Tubing clamps (6)
- Self adhesive clip (1)

Tools & Items Required:

- Large phillips head screw driver
- Plastic bowl or clean bucket
- Eyedropper or syringe
- Safety Glasses
- Unscented Household Bleach

Dispenser Installation:

The PharMate™ PMD-250 dispenser comes assembled and ready for installation. Install the dispenser at a convenient location that is vertically flat, typically the end cap of a prescription bay or close to the consulting counter. Using the mounting screws and anchors provided, mount the dispenser 66" from the floor to the top of the dispenser.

1. Temporarily remove the buret from the frame: Remove the cap from the top of the buret. Firmly grasp the buret and pull it away from the frame and set aside. Locate the unit on the wall and mark where the two included mounting screws will be installed.
2. Mount the dispenser using the hardware provided in the dispenser box. Re-assemble the buret and air filter cap assembly. **Note: If mounting on drywall, use the two anchors provided.**
3. Hang the sanitary tip bag in a convenient location adjacent to the dispenser using the enclosed self-adhesive clip .

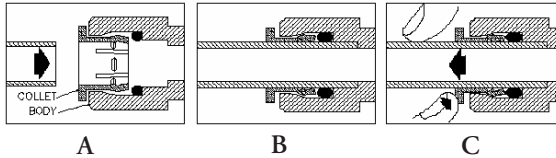
Delivery Pump Installation:

The pump should be placed in a dry area within 6 feet of a UL approved power receptacle and 75 feet of the dispenser(s). Typically, the pump is placed on the shelf above the pharmacy sink. **Do not subject pump to extreme high or low (freezing) temperatures while in operation.** Operating temperature range is 32F to 115F.

1. Insert ¼" white tubing into the push-in fitting of the pump outlet. (See Figures 1 & 2)
2. Run supply line to the dispenser(s).

Figure 1 How to use Push-in Fittings

The user friendly 'Push In' connectors consist of two parts: a Body and a Collet (collar or ring).



To Install Tubing:

Insert tubing through Collet until it seats firmly at bottom of fitting (A and B)

To Release Tubing or Plug: Push and hold Collet against body while pulling tube out (C). **Note:** Leaks occurring at a 'Push In' connector is usually caused by either the tubing not having a clean square cut or a scratch on the outside surface.

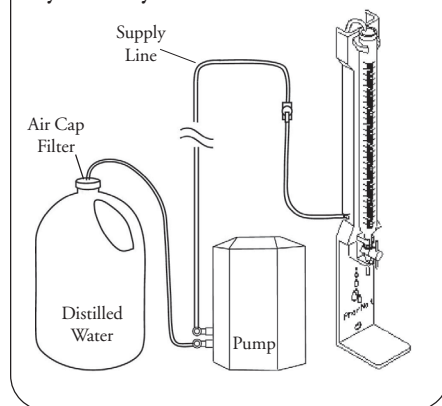
To Repair: Turn off the water valve. Relieve pressure by opening a valve Cut off at least 1/4" from tube end (must be a clean, square cut). Reattach tubing and turn on water valve.

3. Insert the 1/4" white tubing into the push-in fitting located on the ball valve at "inlet" of dispenser (See Figure 2). Secure tubing using the clamps provided.
4. Run tubing from the pump "inlet" to location of bottled water.
5. Remove cap from a new bottle of distilled water and insert the air cap filter assembly provided. Proceed to the System Sanitizing procedures in the next section.

CAUTIONS:

1. The pump is equipped with an internal pressure sensing demand switch which controls the maximum safe operating pressure. Do not adjust this switch without consulting Fresh Water Systems.
2. Always consider electrical shock hazard when working with and handling electrical equipment. If uncertain, consult an Electrician. Electrical wiring should only be installed by a qualified Electrician per local and state electrical codes.
3. Use of this pump for any purpose other than with the PharMate™ dispenser may void the warranty.

Figure 2 System Layout



Section 2 - Pump Start-up & System Sanitization:

Prior to installing the BioScript Filter, the pump must be primed and the supply lines sanitized using household un-scented bleach.

1. Make certain all tubing connections to the pump and dispenser(s) are properly installed. We recommend use of the flexible tubing provided with the system only. Avoid any sharp bends, which may crimp tubing and restrict flow (See Figure 2).
2. Discard a small amount (1oz.) of distilled water from a new 1-gallon size bottle. Then, add 2 ml of 5.25% bleach back into the bottle. Mix it well by turning over the bottle several times. Insert the tubing from the pump "inlet" into the air cap filter assembly (See Figure 2).

Priming The Pump

1. Once the tubing is in place and all fitting connections are secure, connect the transformer to the pump and plug the transformer into a UL approved power receptacle.
2. To prime the pump and purge any trapped air in the tubing, depress the dispenser Fill Valve and flush the sanitized water through the dispenser until the water starts flowing smoothly (approximately 150 ml). Release the Fill Valve and check to make sure that the pump has automatically turned off and that all fitting connections are free of leaks.

Sanitizing Dispenser & Supply Lines

1. Fill the dispenser all the way to the top cap and discharge the liquid 1 times. Rotate the stopcock several times to completely wet the surface. Fill the dispenser to the top cap and allow the system sanitize for 10 minutes.
3. Open another 1 gallon bottle of distilled water. Fill and flush the dispenser an additional 5 times to purge the sanitizing solution from the system. Make sure to rotate the stopcock to remove trapped disinfectant.

NOTE: IT IS CRITICAL THAT THE SUPPLY LINE BE PROPERLY FLUSHED AS THE SANITIZING SOLUTION WILL DESTROY MEDIA IN BIOSCRIPT™ FILTER.

Section 3 - BioScript™ Filter Installation:

1. Turn OFF Ball Valve located prior to the dispenser inlet.
2. Locate the tubing feeding the dispenser inlet. Cut the tubing (using sharp scissors or razor knife) approximately 4-5" from the dispenser inlet (See Figure 3).
3. Insert tubing into the push-in fitting at each filter end until it bottoms, making sure the flow direction and arrow are correct. Make sure the filter is located between the ball valve and dispenser (See. Figure 3)
4. Install the filter clip using the provided self drilling screw. Mount the clip so that it is centered behind the BioScript™ filter. Use the Ez Anchor if mounting to drywall.

Figure 3 BioScript Filter Assembly

