Fresh Water Systems

DM1 Percent Rejection
Monitor Retrofit Instructions:

* In General: When any type shut-off valve handle is positioned so that it is parallel or in line with the tubing that enters the valve, valve is OPEN. When handle is turned perpendicular to tubing that enters valve, valve is CLOSED.

** Pharmacy RO system plumbing utilizes JG type union fittings. Universally, to remove tubing from these types of fittings, locate the collet or ring (on the fitting) at the point where the tubing connects into the fitting. This collet must be depressed and held inward while tubing is pulled out in opposite direction. If collet is not depressed, the harder the tube is pulled -the tighter the collet will seize the tubing.

To retrofit Aquest monitor (black box – 2AAA batteries) to new DM1 monitor:

1) Close RO tank valve located on top of tank.*
2) Close cold water feed valve (valve located at some point along the cold water line from street plumbing).*
3) Briefly open & close RO faucet to relieve any water pressure in line.
4) Unplug/remove faucet phone jack cable from black monitor box.
5) Remove old "A" probe union fitting (black with black direction arrow on it) from feed supply line (1/4" OD and typically orange colored).**
6) Insert the new DM1 fitting labeled "IN" into old "A" probe position. (Direction of flow through new fitting does not matter)
7) Remove old "B" probe union fitting (black with yellow direction arrow on it) from faucet line (3/8" OD and typically blue colored).**
8) Insert the new DM1 fitting labeled "OUT" into old "B" probe position. (Direction of flow through new fitting does not matter)
9) Mount new DM1 % rejection monitor to wall using new Velcro strips provided.
10) Coil up old phone jack cable from faucet and store out of the way. *This cable will no longer be used for the monitoring system.*
11) Turn tank valve and cold water feed valve back on.*
12) Refer to supplemental instructions provided for calculation procedure to determine % rejection rate of system.

~ New DM1 percent rejection monitor retrofit is now complete ~
If further assistance is required, call 1-800-464-8275.