Initial Set Up

A. Screw in plugs on each side of the manifold. Make sure plug “O” rings are seated properly. The bottom inlet ports will not be needed in this type of installation. Wrapping threaded seal tape is recommended. (O-rings need periodic silicone lubrication).

B. Wrap threaded seal tape on the male threads of one 3/4” MPT x 1/2” barb elbow and the waterfall assembly. Wrap each fitting 5-7 times with threaded seal tape. Only one 3/4” MPT x 1/2” barb elbow will be needed for this type of installation.

C. Screw in the 3/4” MPT x 1/2” barb elbow into top inlet port. NOTE the inlet port is located in front of the UV light indicator.

D. Screw in the waterfall assembly into the outlet port located at the top of the AquaStep PRO.

E. Slide the rubber gasket onto the hard quartz sleeve so that the edge of the sleeve is visible as shown below (Fig. F).

F. Slide the quartz sleeve into the AquaStep PRO unit.

G. Screw on the quartz sleeve cap. Hand tighten only.

H. Take out the bulb and ballast from the box. Connect the bulb to the ballast. Note there is only one way to connect the bulb to the ballast. The four pin...
A1. Install the AquaStep PRO UV Sterilizer on the side or back of the aquarium by pushing the mounting bracket spring attachment located at the top with your thumb and hang the unit over the edge of the aquarium. It may be necessary to move the triangular portion of the water fall assembly to one side so that the mounting bracket can be pushed far enough to clear the moulding on the top edge of the aquarium.

A2. Make sure the unit is completely level by adjusting the plastic screws located on each side at the bottom of the AquaStep PRO.

A3. Install the power head pump (not included with the unit) inside the aquarium in the desired location following the instructions of the pump manufacturer.

A4. Attach one end of the 1/2” ID x 11/16” OD flexible tubing to the outlet side of the power head pump.

A5. Attach the rest of the tubing to the 3/4” MPT x 1/2” barb elbow located at the top outlet side of the AquaStep PRO. Cut the tubing to the proper length. Attach a hose clamp and tighten accordingly.

A6. Attach the other end of the flexible tubing to the 3/4” MPT x 1/2” barb elbow located at the top inlet side of the AquaStep PRO. Cut the tubing to the proper length. Attach a hose clamp and tighten accordingly.

A7. Screw in plugs on each side of the bottom manifold. Make sure the plug “O” rings are seated properly. In most cases, the bottom inlet ports will not be needed in this type of installation. In steps D2 and D4, refer to installation drawings in section #B (Beside the Aquarium).

B1. Place filter on base in desired location next to the aquarium. Make sure the unit is level on the base.

B2. Screw in plugs on each side of the bottom manifold. Make sure plug “O” rings are seated properly. The bottom inlet ports will not be needed in this type of installation.

B3. Wrap threaded seal tape on the male threads of the two 3/4” MPT x 1/2” barb elbow fittings provided. Wrap each fitting 5-7 times with the tape.

B4. Screw one 3/4” MPT x 1/2” barb elbow fitting into top inlet port. Screw in the elbow so that the barb portion is pointing straight up vertically. Screw in the other elbow fitting into the outlet port located at the top of the unit and align the barb portion straight up vertically.

B5. Install the power head pump (not included with unit) inside the aquarium in the desired location following the instructions of the pump manufacturer.

B6. Attach one end 1/2” ID x 11/16” OD flexible tubing on the outlet side of the power head pump.

B7. Install the AquaStep PRO UV Sterilizer on the side or back of the aquarium. Attach a hose clamp and tighten accordingly.

B8. Attach the rest of the tubing to the 3/4” MPT x 1/2” barb elbow located at the top outlet side of the AquaStep PRO. Attach a hose clamp and tighten accordingly.

B9. Place the other end of the flexible tubing and into the inlet port located at the top of the unit. Attach hose clamp and tighten accordingly.

C. Hanging on a Wet/Dry Filter Installation

C1. Carefully follow all steps in section A (Side or Back of the Aquarium).

C2. Install the power head pump (not included with the unit) inside the aquarium in the desired location following the instructions of the pump manufacturer.

C3. Install the power head pump (not included with unit) inside the aquarium in the desired location following the instructions of the pump manufacturer.

C4. Attach one end of the 1/2” ID x 11/16” OD flexible tubing to the 3/4” MPT x 1/2” barb elbow located at the top outlet side of the filter. Attach hose clamp and tighten accordingly.

D. Underneath Aquarium with a Canister Filter

D1. Place AquaStep PRO on base in desired location next to the canister filter. Position the AquaStep PRO so that it can be plumbed on the outlet side of the canister filter.

D2. Screw in the plugs on each side of the bottom manifold. Make sure the plug “O” rings are seated properly. In most cases, the bottom inlet ports will not be needed in this type of installation. In steps D2 and D4, refer to installation drawings in section #B (Beside the Aquarium).

D3. Wrap threaded seal tape on the male threads of the two 3/4” MPT x 1/2” barb elbow fittings provided. Wrap each fitting 5-7 times with the tape.

D4. Screw one 3/4” MPT x 1/2” barb elbow fitting into the top inlet port. Screw in the other elbow fitting into the outlet port located at the top of the unit.

D5. Turn off the valve on the outlet side of the canister filter and completely drain the flexible tubing on the outlet side of the canister filter. In most cases, it will be necessary to remove the “U” or “J” tube from the back of the aquarium. Cut the flexible tubing on the outlet side of the canister filter and plumb in line a by-pass valve and “tee” which will divert only a portion of the water from the canister filter and into the inlet port of the top manifold. Attach hose clamp and tighten accordingly.

D6. Attach one end of the 1/2” ID x 11/16” OD flexible tubing to the 3/4” MPT x 1/2” barb elbow located at the top outlet side of the filter. Attach hose clamp and tighten accordingly.

D7. Place the other end of the tubing up and over the side or back of the aquarium so that the water returns to the aquarium and agitates the surface to aerate the system. In some cases, flexible tubing can be attached to a rigid plastic “U” or “J” tube (not supplied in this unit) that hangs on the aquarium. Attach hose clamp to the rigid tube and tighten accordingly. We recommend using the CustomFlo Water System in place of the “U” or “J” tube for professional looking installations.

D8. Adjust the by-pass valve to direct appropriate amount of water into the UV. See Size and Specification Chart for proper flow rate.