

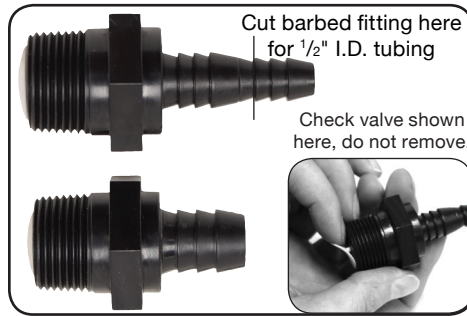


## Self Weighted Air Diffuser Manifold Assembly Instructions

Units may vary in appearance, assembly is the same



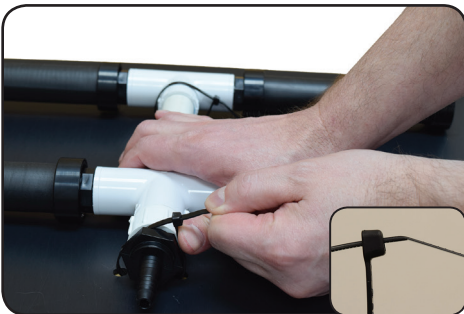
1. Assemble 6" rubber membrane weighted diffusers to the manifold. Snug by hand only. **DO NOT OVERTIGHTEN!**



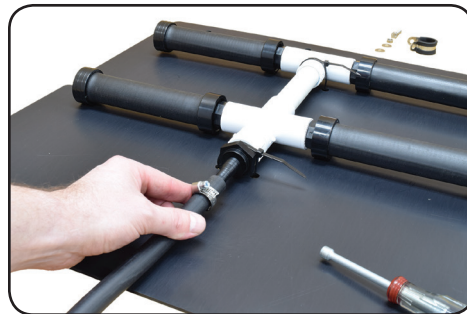
2. 3/4" MPT barbed check valve is designed to be used with 1/2" or 3/8" I.D. tubing. Use larger barbed fitting for 5/8" ID tubing



3. Install barbed fitting into manifold assembly. Select fitting based on tubing size being used.



4. Secure assembly to underlay plate with supplied zip ties. Be sure to run the end of the zip tie through the correct side as shown.



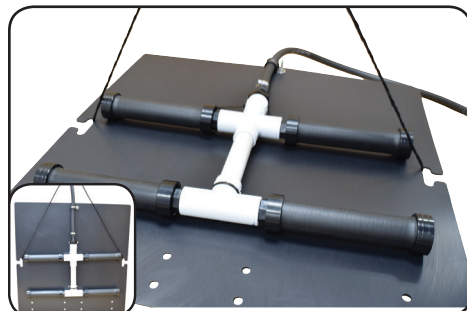
5. Slip hose clamp over the end of the tubing and push tubing onto the fitting.



6. Slide hose clamp back over tubing and fasten with screwdriver or nut driver.



7. Attach strain relief fitting to the underlay plate. Use 17.5mm clamp for 3/8" tubing or 25.5mm clamp for 1/2" and 5/8" tubing.



8. To install diffuser, loop a rope around the plate and insert in supplied grooves. Lower the self-weighted diffuser assembly to the pond bottom using the rope to assist.



9. Once in place on the pond bottom, let go of one end of the rope and pull the other end until free to retrieve the rope.