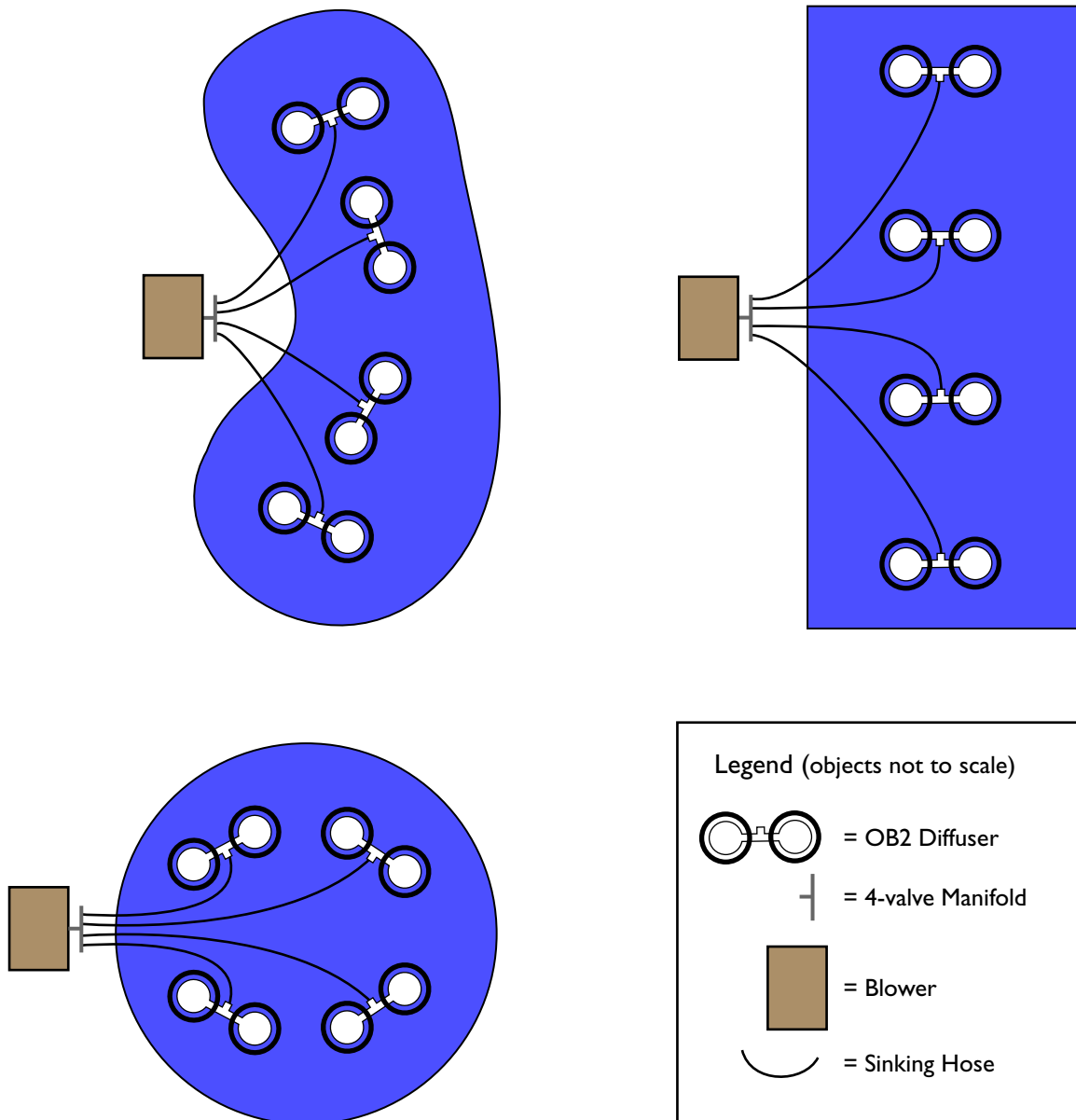


Sample Installation Diagrams – 4OB2/9.00 Kit



Points to consider:

- Make sure blower is placed on a level, flat surface well above the high water line preferably covered.
- When laying out or installing the sinking air hose, make sure hose is not twisted/kinked.
- Use stainless steel hose clamps when attaching sinking hose to barb fittings on manifold and diffuser.
- Space diffusers evenly across body of water in deepest areas not greater than 5' deep.
- After installation turn on blower, and adjust valves for even air distribution through each diffuser.



DO NOT run blower with valves closed.

DO NOT allow diffuser or sinking hose to be submerged below 5' of depth.

This will cause blower to burn up and void your warranty. Please see blower instruction manual for further information.

Assembly Instructions & Illustrations

This self-weighted, fine bubble diffuser kit is ready for installation. The OB2 diffuser and manifold comes equipped with ½" female US standard pipe thread (FNPT) fittings for your convenience. The use of plumbers tape is optional to install the appropriate barb fitting for the sinking hose.

Maximum operation depth of diffuser and MAT Sinking Hose is five feet. Space diffusers equally over the pond area.

Assembly consists of:

1. Remove kit from packaging and read all instructions. Fill out warranty card and return to MAT.
2. Refer to sample installation diagram on back of this page to identify your general pond shape and diffuser layout.*
3. Place blower on a level, flat surface well above high water line, preferably covered. This should be as close to your electric source as possible.



If longer cords are required, make sure they are heavy enough for the lengths needed to hook up the blower and place them safely away from water and traffic patterns.



Undersized extension cords will cause damage to the blower and present hazardous situations for the customer if installed incorrectly. Always use ground fault protected electrical sources.

4. Attach four-valve manifold to blower by gently tapping on center of manifold using a rubber mallet.
5. Screw the appropriate hose barbs into the manifold and diffusers (finger tighten only, do not force with a wrench as PVC may break if over tightened.)
6. Cut 4 pieces of sinking hose the necessary lengths to accommodate your diffuser layout. Make sure they are long enough to reach out into the pond as well as go down to the required diffuser depth.

WARNING! Maximum OB2 diffuser or MAT sinking hose depth not to exceed 5 ft.

7. Attach one end of sinking hose to a manifold barb with stainless steel hose clamp. Repeat with remaining 3 lengths of hose.
8. Attach other end of sinking hose to OB2 diffuser barb with stainless steel hose clamp. Repeat with remaining 3 lengths of hose.
9. If you want to add decorative floats to your diffusers, please do so at this time.
10. Place OB2 diffusers in pond and follow important blower instructions before turning on unit.

11. After installation, adjust each diffuser at the manifold for the desired air flow by watching the bubble pattern on the surface of the water.

* If your pond layout isn't similar to any of the sample installation diagrams, please call your local distributor for help in determining your diffuser layout.



Maintenance

To maintain your OB2, increase the air pressure through the diffuser to expand the membrane. This will help release calcium and biological buildup. The frequency of this process depends upon the environment the diffuser is subjected to. Clean the diffuser with a brush and water annually for optimum performance and durability.