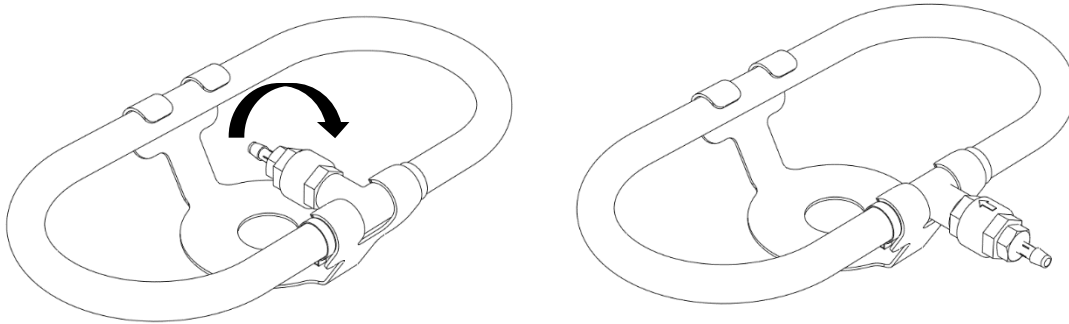




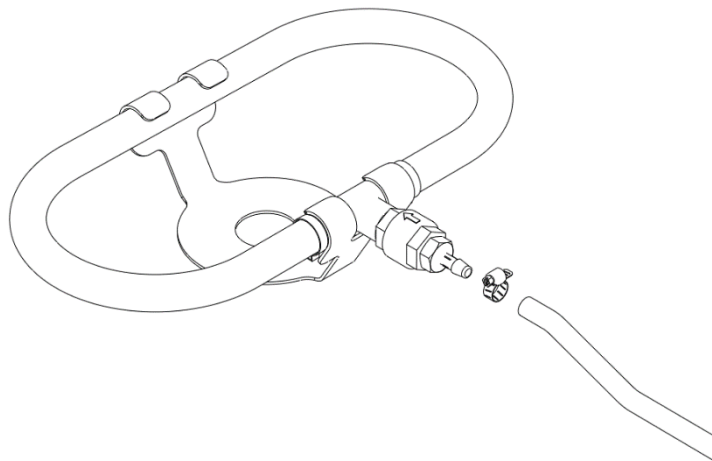
[sales@kascomarine.com](mailto:sales@kascomarine.com)  
[www.kascomarine.com](http://www.kascomarine.com)  
715-262-4488  
800 Deere Road Prescott, WI 54021

## **Bantam-Aire Diffuser Installation Guide**

1). Remove contents from box. Check valve is rotated inward for shipping only. Rotate check valve to point outwards.



2). Connect 3/8" ID airline to barbed fitting on check valve and secure with provided hose clamp.



**AIR SUPPLY REQUIREMENTS**

<b>Model #</b>	<b>Total Optimal Air Flow Requirement</b>
772300	0.9 CFM
772350	1.3 CFM

**BLOWER/COMPRESSOR SIZING**

Supplying the total optimal air flow to the diffuser will ensure the most efficient diffuser performance. When sizing the blower or compressor, it is important to take into consideration operating depth of the diffuser, tubing diameter and length, number and type of fittings in the supply line, etc. All these factors create back-pressure which in turn reduces air flow.

As a general rule, figure 1 PSI for every 27" of water depth and add 1-3 PSI to account for friction loss in tubing and fittings. The longer the tubing run, the more friction loss there is, likewise the smaller the inner diameter of the tubing, the more friction loss there is resulting in increased back pressure.

For assistance in sizing recommendations, please contact the friendly staff at Kasco Marine, Inc.

**DIFFUSER INSTALLATION**

The Bantam-Aire Diffuser is self-weighted and requires no additional weight to sink to the bottom of your pond or tank. Simply connect the 3/8" air line and drop the diffuser at the desired location. The diffuser is designed to settle on the bottom right side up every time. Simply toss and go!