INCLUDED IN THE PACKAGE:

- 1x Check Valve
- 2x Clamps
- 1x Plug
- 4x Crosby Clips

Note: There are many possibilities on how to install the system in water, this assembly instruction is not site specific. Refer to site plans or contact our technical support for assistance.

STEP 1 - BUBBLE TUBING® PREPARATION

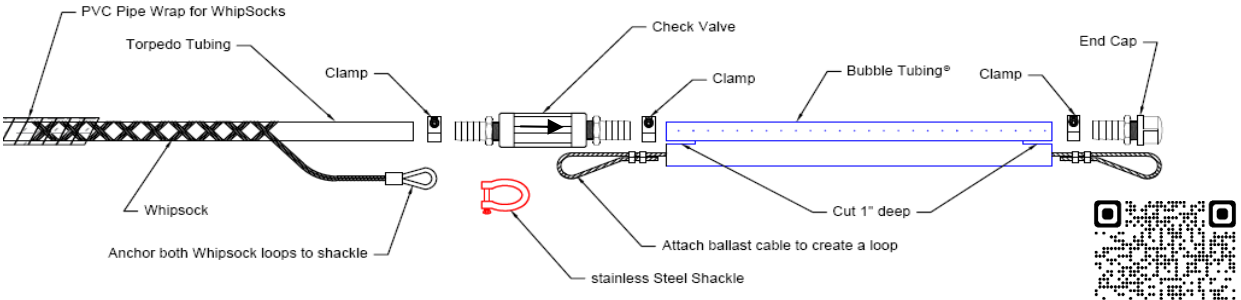
Before connecting Bubble Tubing® to Torpedo, or another air feeder line, uncoil it, making sure it is not twisted. (Picture #1) If possible, let the tubing rest in the sun uncoiled before installation of the system.

With a knife, cut 1 foot long of the ballast and the diffuser tubing on both ends of Bubble Tubing®, leaving 1 foot of the steel cable exposed. Fold the steel cable toward the ballast of Bubble Tubing® to form an eyelet which needs to be locked by Crosby clips. (Picture #2) The loops can be used to pull on the tubing and to connect the whip sock (optional to purchase). (Picture #5)

STEP 2 – REACHING THE DESIRED LOCATION

Using a reel dispenser (Picture #7), uncoil Torpedo from a boat until you reach near the desired location for your Bubble Tubing® diffuser. Make sure to stop the boat before uncoiling the whole Torpedo tubbing and to leave some slack to make all Bubble Tubing® connections on the boat.

STEP 3 - BUBBLE TUBING® CONNECTION



Following this procedure will prevent air leaks and/or damage to the diffuser.
Video is also available by following this link or scanning the QR code: https://vimeo.com/350864572/7da0644d0d

1) *If you purchased the whip socks accessory kit, install the whip sock on Torpedo. (Instructions are in the Torpedo assembly manual.)* Insert a clamp to the end of Torpedo, then, insert the tubing over the barbed part of the check valve. Make sure the airflow follows the directional arrow written on the check valve. (Arrow must point toward Bubble Tubing®) Tighten the clamp using a nut driver or rachet.

2) With a knife, cut the ballast of Bubble Tubing®, on both ends, in a V shape under the diffuser (Picture #3), do not cut the white bonding glue. (Picture # 4)

3) On one end, insert a clamp to Bubble Tubing®, using the cut made at #2. (Picture #4) Then, insert the tubing over the remaining portion of the check valve and tighten the clamp using a nut driver or a ratchet.

4) On the remaining end of Bubble Tubing®, insert a clamp, then insert the tubing over the barbed portion of the plug and tighten the clamp around the tubing using a nut driver or rachet. (Picture #6)

5) If you purchased the whip socks accessory kit, attach the eyelet steel cable of the ballast to both whip sock's eyelets with a shackle to secure the tubing. (Picture #5)

Refer to pictures #4-5-6 at the back of this page for expected results.

Canadian Pond.ca Products Ltd
570, Knowlton Rd, Lac-Brome, QC J0E 1V0 CANADA
T: 450 243-0976 info@canadianpond.ca

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Bubble Tubing® cut with clamp.

Check valve connection and secured steel cable eyelet from ballast.

Plug installed.

STEP 4 – INSTALLING BUBBLE TUBING® IN WATER

Once all the connections are secured, progressively turn on the compressor. Scan QR code for video on how to start the system. Make sure not to tangle or twist the tubbing. With the reel dispenser slowly continue lowering the tubbing into the water as it sinks to the bottom. You should see bubbles and be able to use them as visual references to make sure the tubing is diffusing at the desired location. Try positioning Bubble Tubing® keeping it as level as possible. The tubing can be placed in a circle, curve, or straight line to follow a continuous bathymetric line.

In the event of strong water currents or waves, Bubble Tubing® may be displaced. If there is a high risk of these conditions occurring, it is advisable to anchor your tubing. We recommend the use of a sonar or "depth finder" if you do not know the specific bathymetric contour in the water. (Figure #1 and 2)

Figure 1: Incorrect installation. Bubbles are not coming out evenly from Bubble Tubing®. Air bubbles will release at start and end where depth is shallower.

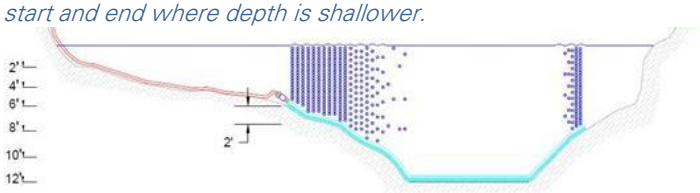
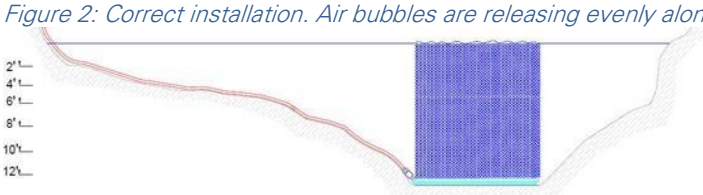
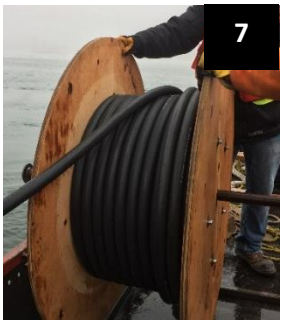


Figure 2: Correct installation. Air bubbles are releasing evenly along the same depth.





MAINTENANCE

Bubble Tubing® is designed to permanently stay at the bottom of water. Various conditions (biofilm, calcification, etc.) can reduce aeration performance with time (less bubbles visible at the surface). In this case, cleaning the tubing might be needed. For optimal performance, when in hard water conditions, we recommend cleaning the tubing once or twice a year, based on water quality. BioPurge and EcoPurge are the only products tested and approved to clean the Bubble Tubing. Do not use chlorine, Javex, Drano or any other chemical product to clean the tubing. Do not use a compressor providing more than 50 PSI without whip socks or 150 PSI with whip socks or a shop compressor not equipped with a pressure regulator.

WARRANTY

CanadianPond.ca Products Ltd offers a 1-year warranty on Bubble Tubing®

Warranty Claim Procedure

Be sure to have the original invoice on hand before contacting us for a claim. Contact Canadianpond.ca Products Ltd. at 450-243-0976 or by email info@canadianpond.ca. No returns will be accepted without a return authorization number provided by Canadian Pond.ca Products Ltd.

Terms and conditions

For any questions regarding your purchase, please refer to the terms and conditions by scanning this QR Code before contacting info@canadianpond.ca.

Canadian Pond.ca Products Ltd
570, Knowlton Rd, Lac-Brome, QC J0E 1V0 CANADA
T: 450 243-0976 info@canadianpond.ca

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