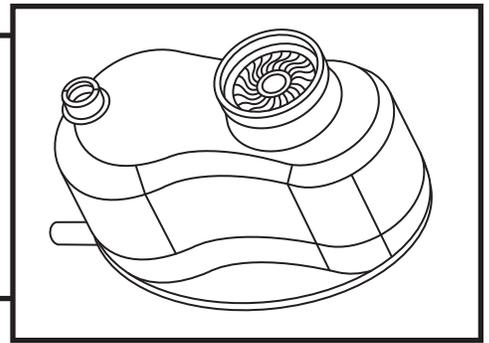


# Wet or Dry Aquarium/ Pond Air Pump

## INSTRUCTIONS

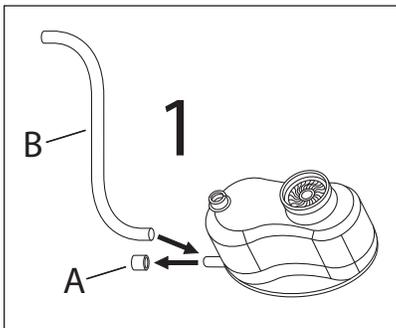


### INSTALLATION

Disconnect all submerged electrical equipment before performing any operation or maintenance in the aquarium or pond. Check the integrity of all parts prior to starting the air pump. Follow the instructions below for installation.

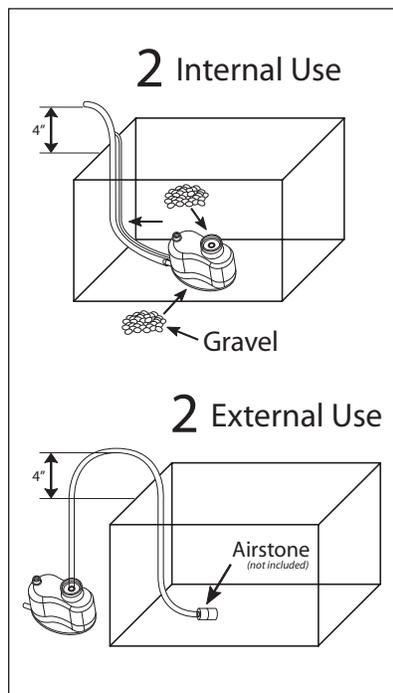
#### FOR INTERNAL USE (*submersible*)

- ◆ The air pump is supplied with a red protective cap **A** on the air inlet (**see 1**) to prevent water from entering the air pump when submerged. This is a preventative measure in case the airline tubing **B** is mistakenly not connected first. However, the air pump is designed to automatically purge the water out after several minutes if this mistakenly happens.



- ◆ Remove the above mentioned red cap **A** and connect the airline tubing **B** to the air pump inlet (**see 1**). Ensure that the airline tubing is completely inserted before submerging it into the water to avoid it being detached during the positioning or setup of the tank or pond.

- ◆ Position the air pump into the aquarium/pond. For perfect stability, fill the two side fins with pebbles/stones or fine gravel (**see 2**).



- ◆ Do not position the air pump close to the vertical walls of the aquarium/pond in order to avoid unnecessary vibration and noise.

- ◆ Cut the airline tubing so it exits the upper frame and is at least 4" above the water level (**see 2**).

- ◆ For models that include an LED light, position the light in the upper receptacle and direct the beam as required. 4 colored lenses are

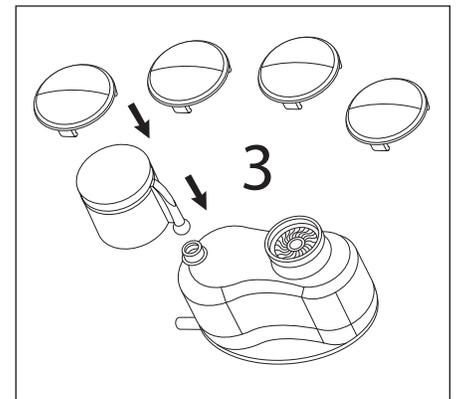
supplied with the light and can be easily snapped in place (**see 3**).

- ◆ The size and quantity of air bubbles can be adjusted by turning the flow regulator **C** (**see 4**).
- ◆ Plug into power receptacle. Wait 5 minutes for the air bubbles to settle.

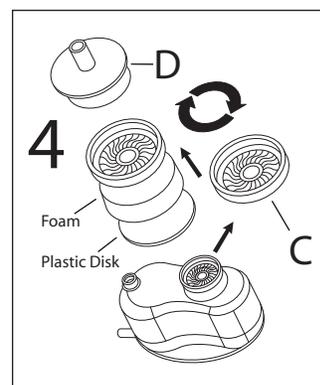
#### FOR EXTERNAL USE

- ◆ Remove the red protection cap **A** and replace the air flow regulator **C** with the adaptor for external use **D** (**see 4**).
- ◆ Connect the adaptor for external use **D** to the airline tube **B** and air stone (not included).
- ◆ Position the airline tubing 4" above the water level of the tank. This ensures the water will not flow back into the air pump when turned off or when there is a power outage. As added protection, install a one way check valve (not included) half way along the airline tubing **B**.

- ◆ Submerge the air stone (not included) in the required position and insert the plug into a main socket.
- ◆ If the air flow is excessive for the aquarium's capacity, install a control valve (not included) on the outlet side of the pump.



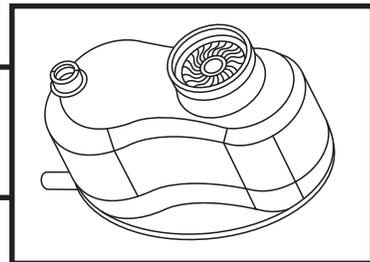
- ◆ Routinely replace the air stone when it clogs or air flow is diminished.



*Pond version can be used to help prevent ice from forming during winter*

# Wet or Dry Air Pump INSTRUCTIONS

*continued*



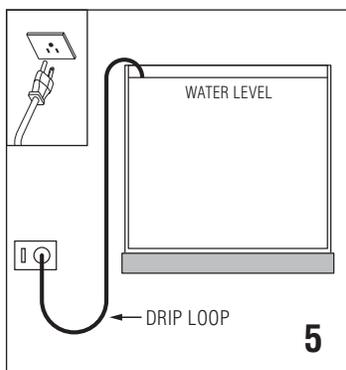
## MAINTENANCE

Periodic maintenance is strictly advised to guarantee the life and correct functioning of the product. Disconnect the air pump and all submerged electrical equipment before performing any operation on the product.

- ◆ Rinse all parts under running water. Use a brush to remove possible build-ups of lime scale or algae.
- ◆ Reassemble everything in reverse order making sure that the parts are correctly positioned.
- ◆ Do not use solvents or detergents of any kind to clean the product.
- ◆ Do not use abrasive sponges to clean the LED light and colored lenses.

## SAFETY STANDARDS

- ◆ Make sure that the cables are fully intact before connecting the equipment to the main power supply.
- ◆ Never repair or replace the power cords. Replace the entire unit if damaged.
- ◆ **WARNING:** Disconnect all submerged electrical equipment before performing any operation or maintenance in the water. If the plug or main power supply becomes wet, turn off the main electrical switch before removing the power supply cord from the electrical socket.
- ◆ Make sure the product is plugged into a power supply with GFCI electrical protection (ground fault circuit interruption).
- ◆ Do not use the equipment for purposes other than what is intended.
- ◆ Do not use extension cords unless the connection is completely sealed and the cable is suitable for external use.
- ◆ Create a “**Drip Loop**” as shown in (see 5) to prevent water from traveling along cord from coming in contact with receptacle. If plug or receptacle does get wet, **DON'T** unplug cord. Disconnect fuse or circuit breaker at power source. Then unplug and examine for presence of water.



- ◆ Avoid lifting the equipment by means of the power cable during installation and maintenance operations.
- ◆ The product can be used in liquids with temperatures no greater than 95° F.
- ◆ Keep these instructions in a safe place for future reference.
- ◆ Keep out of reach of children.
- ◆ Avoid direct and prolonged eye contact with LED light (models with the Mini LED feature).

## WARRANTY

Lifegard Aquatics warrants to the original purchaser, this product to be free from defects in material or workmanship for a period of one year from the date of purchase, provided it is operated in accordance with factory instructions and operated within the environment and limitations for which it is designed. Lifegard will not be liable for any labor cost of removing or replacing component parts. This shall be the responsibility of the original purchaser as will be shipping charges to and from the Lifegard facility. Damage incurred by improper repackaging or in shipping is not covered by this warranty. Lifegard will only be responsible for repair or replacement of any of its products or parts that are found to be defective and will not bear cost of any incidental or consequential damages arising out of the occurrence of such defect. This warranty gives you specific legal rights that vary from state to state.



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