



Flexible LED Bubble Wand Instructions



Flexible LED Bubble Wand **Technical Information**

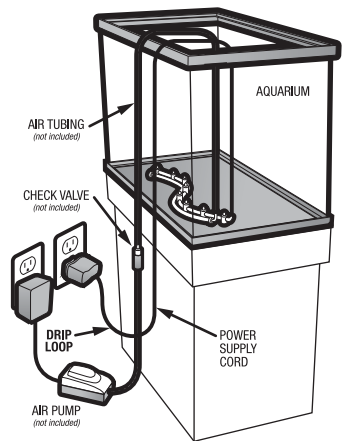
Color/Size	Item No.	UPC No.	Total Amt. LED Lamps	Total Wattage	Suggested Air Pump Size
White 7"	06220	015905062206	4	0.24w	2L /min
White 14"	06221	015905062213	8	0.48w	4L /min
White 21"	06222	015905062220	12	0.72w	8L /min
Blue 7"	06223	015905062237	4	0.24w	2L /min
Blue 14"	06224	015905062244	8	0.48w	4L /min
Blue 21"	06225	015905062251	12	0.72w	8L /min
Multi-Color 14"	06237	015905062374	8	0.48w	4L /min
Multi-Color 21"	06238	015905062381	12	0.72w	8L /min

IMPORTANT SAFETY INSTRUCTIONS

WARNING – To guard against injury, basic safety precautions should be observed including the following:

1. READ AND FOLLOW ALL SAFETY INSTRUCTIONS

- 2. DANGER** – To avoid possible electric shock, special care should be taken since water is employed in the use of aquarium equipment. For each of the following situations, do not attempt to repair yourself; return the appliance to an authorized service facility for service or discard the appliance.
- A.** If the appliance shows any sign of abnormal water leakage, immediately unplug it from the power source.
 - B.** Carefully examine the appliance after installation. It should not be plugged in if there is water on the parts not intended to be wet.
 - C.** Do not operate any appliance if it has a damaged cord or plug, or if it is malfunctioning or if it is dropped or damaged in any manner.
 - D.** To avoid the possibility of the appliance plug or receptacle getting wet, position aquarium stand and tank to one side of the wall mounted receptacle to prevent water from dripping onto the receptacle or plug. As shown in the figure at right, a “drip loop” should be arranged by the user for each cord connecting an aquarium appliance to the receptacle. The “drip loop” is the part of the cord below the level of the receptacle, or the connector if an extension cord is used, to prevent water travel along the cord and coming in contact with the receptacle. If the plug or the receptacles do get wet, **DON'T** unplug the cord. Disconnect the fuse to the circuit breaker that supplies power to the appliance. Then unplug and examine for the presence of water in the receptacle.
- 3.** Close supervision is necessary when any appliance is used by or near children.
 - 4.** To avoid injury, do not contact moving parts or hot parts such as heaters, reflectors, lamp bulbs, etc.
 - 5.** Always unplug an appliance from the outlet when not in use, before putting on or taking off parts, and before cleaning. Never yank the cord to pull plug from the outlet. Grasp the plug and pull to disconnect.
 - 6.** Do not use an appliance for other than intended use. The use of attachments not recommended or sold by the appliance manufacturer may cause an unsafe condition.
 - 7.** Do not install or store the appliance where it will be exposed to the weather or to temperatures below freezing.
 - 8.** Make sure an appliance mounted on a tank is securely installed before operating it.
 - 9.** Read and observe all the important notices on the appliance.
 - 10.** If an extension cord is necessary, a cord with a proper rating should be used. A cord rated for less amperes or watts than the appliance rating may overheat. Care should be taken to arrange the cord so that it will not be tripped over or pulled.



ONLY FOR POLARIZED ATTACHMENT PLUG APPLIANCES

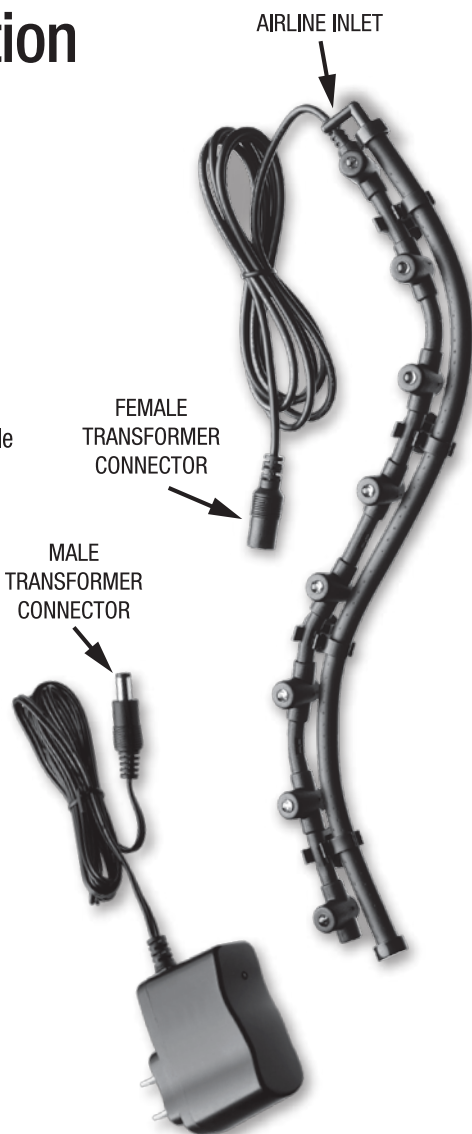
- 11.** If this appliance has a polarized plug (one blade is wider than the other) as a safety feature, this plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Never use with an extension cord unless plug can be fully inserted. Do not attempt to defeat this safety feature.

12. SAVE THESE INSTRUCTIONS

Installation/Operation

NOTE: Airline tubing, air pump, control valve and inline check valve are not included.

1. Consult your local retailer to determine the proper size air pump for your aquarium.
2. Follow all warnings and safeguards.
3. Choose a location in your aquarium for the Aqueon LED Bubble Wand. If placing on the aquarium bottom, remove all gravel and debris from chosen location. Attach LED Bubble Wand to bottom of aquarium with suction cups. Female transformer connector should remain dry. **DO NOT submerge female transformer connector in aquarium water.**
4. Connect airline tubing to airline inlet on LED Bubble Wand.
5. Connect opposite end of airline tubing to check valve. Connect an additional piece of airline tubing from opposite end of check valve to the air pump output. Follow manufacturer's instructions, warnings and safeguards when installing air pump.
6. Connect female transformer connector on LED Bubble Wand to male transformer connector on transformer.
7. Plug in air pump power cord and LED Bubble Wand transformer into a GFCI outlet utilizing a drip loop (see Safety Instructions on previous page).



Helpful Hints

NOTE: Airline tubing, air pump, control valve and inline check valve are not included.

1. To achieve the desired amount of air bubbles, either insert a control valve in the airline tubing, or purchase an air pump with adjustable airflow.
2. Always use an inline check valve.
3. For suction cups to adhere properly, the surface must be completely clean.
4. When cutting airline tubing, add an extra few inches to the length to allow for slack in the line. This will help the LED Bubble Wand stay in position and also provide room for future adjustments in its placement.
5. Connect opposite end of airline tubing to check valve. Connect an additional piece of airline tubing from opposite end of check valve to the air pump output. Follow manufacturer's instructions, warnings and safeguards when installing air pump.

Maintenance

1. Every week, remove gravel or debris that may have covered the airstone to ensure best possible performance.
2. Every week, use a soft, non-abrasive cloth to remove any algae buildup on LED lights and airstone.
2. Follow manufacturer's instructions to periodically clean and maintain air pump.
2. Periodically check airline tubing to make sure no water, debris or condensation has settled in.
If there are any obstructions, remove airline tubing, soak in a 50-50 vinegar-water solution for 10 minutes. Rinse thoroughly with room-temperature water and allow to air dry completely. Re-attach airline tubing.

Limited 90 Day Warranty

WHAT THE WARRANTY COVERS:

Central Aquatics (Company) warrants this product (see Exclusions below) to the original purchaser against defective material and workmanship that occurs during normal in-home use for a period up to and including 90 days following the purchase of the product. Company will, at Company's option, either repair or replace same without charge (but no cash refunds will be made). This warranty is limited to replacement or repair of product only and does not cover loss of aquarium life, personal injury, property loss, or damage arising from the use of the product. You must retain original proof of purchase to validate this warranty.

EXCLUSIONS:

1. Damage resulting from accident, misuse, abuse, lack of reasonable care, subjecting the product to any but the specified electrical service, other than the normal and ordinary use of the product, subjecting the product to abnormal working conditions or any other failure not resulting from defects in materials or workmanship.
2. Damage resulting from modification, tampering with or attempted repair by anyone other than the Company.
3. Transfer of product to someone other than the original consumer or purchaser.

WHAT YOU MUST DO TO ENFORCE WARRANTY:

Contact the Company by telephone: **888-255-4527**

Or contact the Company by writing:

Central Aquatics
5401 West Oakwood Park Drive
Franklin, WI 53132
Attn.: Warranty

You must pay any postage, shipping charges, insurance costs and other expenses to return the product along with the original cash register receipt to Central Aquatics. However, if the necessary repairs are covered by the warranty, Company will pay the return shipping charges to any destination within the United States or Canada.

LIMITATION OF IMPLIED WARRANTIES AND EXCLUSION OF CERTAIN DAMAGES: THE COMPANY DISCLAIMS LIABILITY FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, WITH RESPECT TO THIS PRODUCT. THIS WRITING CONSTITUTES THE ENTIRE AGREEMENT OF THE PARTIES WITH RESPECT TO THE SUBJECT MATTER HEREOF; NO WAIVER OR AMENDMENT SHALL BE VALID UNLESS IN WRITING SIGNED BY THE COMPANY.

Some states do not allow the exclusion or limitation of consequential damages, so the above limitation or exclusion may not apply to you.