



CABINET AQUARIUM INSTRUCTION MANUAL

LZ TANK RANGE



To ensure safe enjoyment and understanding of your aquarium please read and follow all the safety instructions and important notices below before using setting up your aquarium. Failure to do so may result in injury or damage to the unit.

SAFETY

Important! Disconnect the mains electricity supply before carrying out any installation or maintenance of any kind. Do not attempt to modify this unit in any way and only use the recommended parts for replacement.

- Prior to set up, carefully inspect the tank to ensure it is not fractured or cracked.
- If the lighting unit falls into the water, **DO NOT** touch it! First unplug it and then retrieve it. If the electrical components of the appliance get wet, unplug the appliance **immediately**.
- Inspect the unit carefully after installation. This should not be plugged in if there is water on parts that are not intended to get wet.
- Do not operate the unit if the plug or cord is damaged; if it is malfunctioning; or if it has been dropped or damaged in some way.
- Do not yank cord to pull plug from outlet. Grasp the plug and pull to disconnect. Always unplug from an outlet when not in use.
- The power cord of this appliance cannot be replaced; if the cord is damaged, the appliance should be discarded. Never cut the cord.
- All connections must be earthed. Do not connect to any voltage other than that stated.
- If the plug or socket does get wet, **DO NOT** unplug the cord. Disconnect the fuse or circuit breaker that supplies power to the appliance. Next, unplug and inspect for any presence of water in the power socket.
- To avoid the risk of the unit plug, switch or wall socket getting wet, position the unit to one side of a mounted wall socket to prevent water from dripping into the socket or plug.

- A "drip loop" should be arranged to the socket. The "drip loop" is that part of the cord below the level of the socket (or the connector if an extension cord is used), to avoid water travelling along the cord and coming into contact with the wall socket.
- Do not attempt to modify this unit in any way and only use the recommended parts for replacement.
- ALWAYS disconnect from the power supply before removing the hood.
- If an extension cord is required, a cord with a suitable rating should be used. A cord rated for less amperes or watts than the appliance rating may cause the unit to overheat. Care should be taken to position the cord so that it will not be pulled or cause a trip hazard.
- If the unit shows any signs of water leakage, disconnect the power supply cord from the wall socket and consult All Pond Solutions or the retailer you purchased this unit from for further advice.

CAUTION

- NEVER place any object(s) on the LED strip light. Make sure there is adequate air space around the light. The safety and correct functioning of your aquarium is **only** guaranteed if the lighting and all other equipment has been correctly installed.
- Ensure supplied powerhead is fully submerged at all times to avoid overheating damage.
- To prevent injury, do not touch moving parts or hot parts such as heaters or LED devices.
- Always unplug or disconnect equipment from the electricity supply before placing hands into your aquarium water and before installing or removing parts. Always unplug equipment from the mains when not in use.
- Do not use any equipment other than for its intended purpose (i.e. for outdoor pools, ponds, household use, etc.). **Do not** use attachments or spare parts other than those recommended or sold by the unit manufacturer.

- Do not attempt to repair any product component yourself: if any damage has occurred, replace the damaged component with original spare parts, or contact the manufacturer for further advice.
- This equipment can be used by children aged from 8 years and above, persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge, if they are provided with any necessary assistance, supervision or instruction concerning use of the equipment in a safe way and understand the hazards involved.
- Children should not play with the equipment. Cleaning and user maintenance should not be carried out by children without supervision.
- Read and observe all the important notices on the aquarium.

IMPORTANT! For aquariums with an in-built strip lighting, please note that these are suitable for **INDOOR USE ONLY**. For fresh and saltwater aquariums with a maximum water temperature of 35 °C, do not set up or store the tank in any location where temperatures may drop below freezing.

ELECTRIC

This aquarium comes complete with a generous supply of 3 core cable, however should any additional cable be required, the use of an approved waterproof cable connector with a proper rating is essential. A cord rated for less amperes or watts than the appliance rating may overheat.

Please Ensure:

- The power supply must be earthed and fused at 3amps.
- You regularly inspect the cable for damage and deterioration.
- Do not connect to any voltage other than that stated.
- You consult a qualified electrician if in doubt about any aspects of wiring.

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ADDING WATER TO YOUR TANK

Fill your aquarium with water up to the level indicated on the label located on the inside of the aquarium's top frame.

IMPORTANT! DO NOT OVER FILL YOUR AQUARIUM. Overfilling the tank can cause water to pass under the top frame which then runs down the inside of the aquarium.

AQUARIUM GLASS TANK INSTRUCTIONS

Read thoroughly prior to installation:

- Whilst the aquarium tank has been manufactured with the upmost care and attention, we would still advise inspecting the tank prior to setting up your unit to ensure that it has not received any damage during transit.
 1. Inspect the glass tank for any damage or cracks.
 2. Following your visual inspection, if it does not show any damage, fill your tank with 5cm (2") of water, wait 10 minutes and test for leaks.
 3. Add another 5cm (2") and repeat this process until you are sure there is no sign of any leak.
 4. If no leak is identified, continue with the normal aquarium set up.
- Always handle your tank with the utmost care. Make sure to carry securely and always lift it by the base, never by the top frame.
- Make sure to ONLY move or transport the tank if it is COMPLETELY empty of water or any other material.
- To avoid injury, potential damage and ensure a safe transit, make sure you have assistance to help you lift the unit before you attempt to move your aquarium.
- Caution – take care not to damage the seals at the edges of the tank panels when maintaining or cleaning your aquarium, for example with planters or algae scrapers. Make sure any equipment or products used are not abrasive and will not scratch the tank.

- Never use toxic or inappropriate substances to clean your aquarium, such as household or garden detergents.

POSITIONING YOUR AQUARIUM

NOTE – Selecting a suitable location for your aquarium is very important.

- This aquarium is suitable for indoor use only.
- Position your aquarium away from direct sunlight to reduce excess algae build-up and prevent your aquarium from overheating. Locate your aquarium away from other draft and heat sources (air ducts, radiators, etc.) to help regulate and maintain a suitable temperature. Do not position your aquarium in a location or on a surface where water spills will cause damage.
- Position your aquarium close to an electrical outlet.
- Make sure that your chosen location for your aquarium has an even and level surface which will be able to support the total weight of the aquarium and cabinet when filled with water. Once the tank is positioned, ensure that it is completely level by using an adequate spirit level.
- NEVER insert any lining (e.g. polystyrene) between the cabinet and aquarium tank. Position the aquarium directly onto the cabinet without any additional support or cushioning in between.

IMPORTANT! It is **ESSENTIAL** to place the aquarium on the corresponding cabinet which was designed with the correct dimensions and structure to bear the weight of the aquarium full of water. **Placing your tank on a different cabinet, piece of furniture, stand, etc. WILL invalidate your warranty.**

It is important to manoeuvre your cabinet into position correctly; cabinets must be lifted instead of pushing or sliding across a floor or surface.

HOOD FILTER ASSEMBLY INSTRUCTIONS

1



POWERHEAD ASSEMBLY

Attach pump to mounting bracket as shown, ensuring that the curved and straight edges are aligned.

2



Connect inlet and outlet pipework as shown.

Insert the powerhead through the hood filtration bay into the aquarium, ensuring the inlet is fully submerged.

3



Position the outlet spray-bar above the filtration bays ensuring the holes are facing downwards towards the filter trays.

Connect the powerhead to a power supply and allow a few minutes for the unit to prime trapped air.

Check the positioning of the spray bar before closing the filtration bay lid.

4

The pump will pull water from the bottom of the tank and into the top spray bar. This will disperse water over the filter foams first, then sink down into the biological media below.

When the water has worked through the media into the bottom tray, the water will then trickle through the bottom of the filter tray and back into the tank.

5



HOOD FILTRATION & MEDIA SET UP

Place the black filter grates into the bottom of the tray. There should be a gap between the grates and the bottom of the tray to allow water to pass through.

6



Place bio balls and ceramic rings (not included) into the media basket sections. Ensure that the bio balls are added loose and the ceramic rings are kept inside a mesh bag.

7



Connect the black flexible pipe to the spray bar and place the spray bar into the grooves along the top of the filter trays.

The clear pipe is the outlet and sits inside the small hole between the hood and the tank to disperse the water.

8



If using the venturi pipe, this can be connected to your pump and then the air hose can be placed through the pre-cut groove at the rear of the tank.

SET UP ADVICE

CAUTION: Disconnect the mains electricity supply before placing your hands in your aquarium water or carrying out any installation or maintenance of any kind.

- Once you have installed any outlet/inlet pipework, do not move the tank and/or cabinet as this can cause damage to the pipework and the glass tank.
- Do not loosen or use any undue force on any pre-installed fittings on tank openings.
- Position any water jets so they do not cause water to overflow from the tank. Avoid directing the water jets against any LED strip-lights.
- The height of the intake strainer is high enough to suit the most standard aquarium decorations.
- When adding decorations to your aquarium, make sure that your intake strainer remains at least 5cm from the gravel bottom to avoid gravel or sand from being siphoned up and that no decorations obstruct the water flow.

IMPORTANT! All Pond Solutions always advises fish keepers to cycle aquarium water for at least 2-4 weeks before adding any type of fish to a new setup. This allows adequate time for your filter system to mature properly and water readings to stabilise – if fish are added prior to this it is highly likely they will suffer. This is called 'cycling' your fish tank.

MAINTENANCE ADVICE

To ensure optimal performance and that your aquarium functions correctly, regular maintenance is essential. Failure to do so may result in damage to your unit and may invalidate your warranty.

IMPORTANT! Unplug all appliances in the aquarium before carrying out maintenance.

We recommend that a regular cleaning and maintenance schedule is followed to ensure water quality and nitrate levels are kept stable in the established aquarium. Depending on water volume and stocking levels, regular cleaning of the filter media, foams, impeller, inlet/outlet pipework during a 10-25% water change will help ensure that the product works efficiently and the aquarium remains healthy.

- When topping up tank water it is essential to add the appropriate amount of dechlorinator or water conditioner; not just adding water from a tap.
- Do not leave lights on for more than 6-8 hours as over-usage may result in hard to tackle algae issues.
- Regularly use a soft algae pad to clean interior of the tank. Magnet cleaners should not be used as if sand or substrate becomes caught under the pad this can scratch the glass

In general, it is recommended to disconnect your unit and clean the pipework, impellers and filter media monthly. Pipework will become blocked with waste and protein slime over time, so regular cleaning is important for optimal performance.

To clean the outside of the tank, you can periodically wipe with a damp cloth (use a cloth dampened with water from your aquarium, never use any chemical products or detergents). Lemon juice can also be used to removing any limescale build-up. Rinse thoroughly afterwards to remove any acidic residue.

Impellers and Shafts

A clogged impeller is often the primary cause of many operational faults in the powerhead, so it is extremely important to clean and inspect your impellers every month to ensure they are functioning correctly and remove any debris. Keeping the impellers clean will improve the performance of your equipment. The impeller itself is a perishable part and will be subject to wear and tear overtime. As a result, it is also very important to replace your impeller and ceramic shaft annually.

To clean, simply wash with your aquarium water (from a water change) - whilst doing this you will be able to check that the impeller and shaft are both in good condition. When returning this to the motor head ensure this is seated correctly with the two rubbers on either end of the shaft (sometimes the

rubbers stay in the holes that they fit into and will not be obviously evident when first removing the impeller and shaft).

Note: Handle the ceramic shaft with care as this can break very easily during the cleaning process.

Adding Filter Media (not included)

Filter media is designed for use in filter bays and will help clean circulating water and maintain essential bacteria.

Always rinse all media thoroughly prior to use until water runs clear to avoid tank clouding.

We recommend to add media to your filter bays in the following order to give complete and optimum filtration for your tank. Depending on the amount of fish you are going to house in your tank, you may need to add additional media to ensure your tank is filtered sufficiently.

Filter Floss Foam Bio Balls	Mechanic Filtration	Removes small waste particles from the water.
Filter Floss Foam	Biological Filtration	Creates environment for nitro-bacteria to cultivate and help oxygenate the water.

IMPORTANT! Always use water from your fish tank to clean your filter media. Do not use mains water or any cleaning products to clean your media.

If using activated carbon, please remember to change it at least every 2-3 months as after this time it is possible that the carbon can have a negative effect on your aquarium as the very waste it removes can be released from the carbon back into the aquarium.

When cleaning mechanical or biological media, NEVER rinse with tap water or use any soap or detergent, only your aquarium water. The best time to rinse your filter foams, bio balls and ceramic rings through is when doing a 10 / 20% water change as you can use this water to wash the media through.

For further maintenance guidance, please see the table and additional information below:

	1 MONTH	3 MONTHS	6 MONTHS	ANNUALLY
Impeller	Clean & Inspect			Replace
Ceramic Shaft	Clean & Inspect			Replace
All Pipework	Clean & Inspect			
Hosing				Clean & Inspect
Heater		Clean & Inspect		
O-Rings	Clean & Inspect	Lubricate & Clean		Replace
Filter Foams* & Other Media	Clean & Inspect		Replace	

* It is important to regularly clean and replace the filter foam to avoid water blockages and ensure sufficient water flow through the filter.

When replacing filter media, do not replace more than 50% of your media at once. This is to ensure that the nitrifying bacteria present in the old media are able to repopulate in the newly added filter media.

REPLACEMENT PARTS

Only use spare parts provided by the manufacturer of your aquarium to ensure continual performance and safety.

IMPORTANT! Perishable parts including impellers, shafts, magnets and rubbers are not covered by your warranty and a charge may be required for replacements of these.

For a full listing of replacement parts please visit www.allpondsolutions.co.uk/spare-parts

WARRANTY

Your aquarium is guaranteed against defects in material or workmanship under normal aquarium usage and comes with 12 months warranty for all electrical parts and 6 months warranty for the glass / acrylic tank. The warranty period commences from the date of purchase. This guarantee is valid with proof of purchase only.

If you require support on how to use your aquarium, replacement parts or if your tank develops a fault during the warranty period, please contact the supplier of your aquarium.

Non-replaceable, non-perishable and non-serviceable parts will be repaired or replaced free of charge, once the unit is returned with all components along with a valid proof of purchase and postage paid. We reserve the right to replace or repair the unit at our discretion.

The guarantee is limited to repair or replacement only and does not cover consequential loss or damage to animate or inanimate objects. No liability is assumed with respect to loss or damage to livestock or personal property irrespective of the cause thereof.

Please be aware that perishable parts that are subject to normal wear and tear, such as impellers, impeller covers, motor seals, o-rings and bulbs, are not covered by your warranty and a charge may be required for replacements of these. The warranty also does not cover wear and tear or any parts which have not been adequately or correctly maintained.

This guarantee is valid providing the aquarium has been situated in a suitable location. This location must be flat and level, and has been installed in consistence with the installation instructions and this document. Where applicable, it is essential that the aquarium is only placed on a corresponding cabinet which was designed with the correct dimensions and structure to bear the weight of the aquarium full of water. **Placing your tank on a different cabinet, piece of furniture, stand, etc. WILL invalidate your warranty.**

This warranty does not apply to any unit that has been subjected to unreasonable use, accidental damage, negligence, tampering, commercial use, improper installation or customisation, chips, stress cracks resulting from improper support or any other breakage. It does not apply to units which have been assembled incorrectly, improperly maintained, or where the instructions and safety information in this manual has not been followed correctly. It also does not apply to cabinets that have not been manoeuvred correctly; cabinets must be lifted instead of pushing or sliding across a floor or surface.

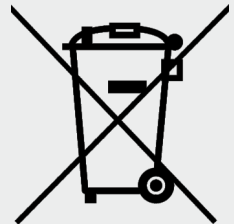
This guarantee is only valid under standard operating conditions for which the unit is intended.

Before returning your unit under warranty terms, check that all setup and maintenance instructions have been correctly followed. If you are in doubt, please contact your local aquatic retailer for further advice before returning the product.

This does not affect your statutory rights.

RECYCLING

This symbol bears the selective sorting symbol for waste electrical and electronic equipment (WEEE). This means that this product must be handled in accordance with European Directive 2012/19/EU where it must be recycled or dismantled to minimise its impact on the environment. For further information, please contact your local or regional Authorities.



Electronic products not included in the selective sorting process are potentially dangerous for the environment and human health due to the presence of hazardous substances.





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