

BASIC AQUARIUMS

AA's BASIC line of desktop aquarium now upgraded with LED light & easy change to replace filter cartridges. LED uses less power, long lifetime and does not contain mercury. The redesigned filter cartridges include sponge & activated carbon.

“ADDS LIFE TO YOUR ENVIRONMENT”

We thank you for supporting AA with your purchase. Before operating this aquarium, please read the following safety precautions and operation instructions carefully.

IMPORTANT SAFETY PRECAUTIONS:

- Indoor use only.
- Keep the aquarium away from main socket outlet and all electrical appliances. Keep the enough distance that under the abnormal situation, e.g. aquarium break, water can't affect the main power supply and other electrical appliances.
- Max. water temperature: 35 °C.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instructions concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.
- Do not remove the whole upper apartment, simply open the cover for maintenance, replacement of LED and gain access to the tank
- Only use this aquarium and its components for its intended use as described in this manual.
- Always unplug when not in use.
- Do not plug or unplug any power supply when hands are wet.
- Do not use or repair by yourself if the LED is defective. Please return the LED to your retailer for repair.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
- Warning: If there should be condensed water inside the LED light, please pull the power plug! Please remove the LED light set and replace a new one.
- Warning: Unplug or switch off all appliances in the aquarium before carrying out maintenance.
- Weight of aquarium when filled with water is

AA10L-LGK – 11.5kg

AA310LGK – 19kg

AA340RGK – 25kg

AA550RGK – 62.5kg

AA510LGK – 54kg

AA600PGK – 73kg

AA270LGK – 10.5kg

AA370LGK – 25kg

AA440PGK – 25.4kg

AA550HGKH– 32.8kg

AA600LGK – 78.4kg

AA777HGK – 80kg

AA330PGK – 16kg

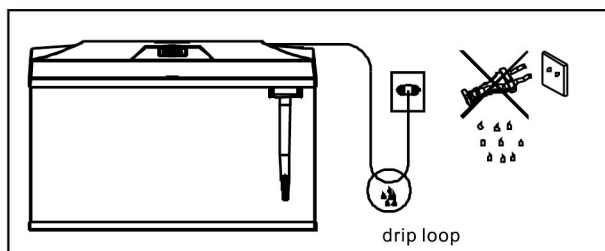
AA370LGKH – 33.9kg

AA450RGK – 41kg

AA550HGKH– 32.8kg

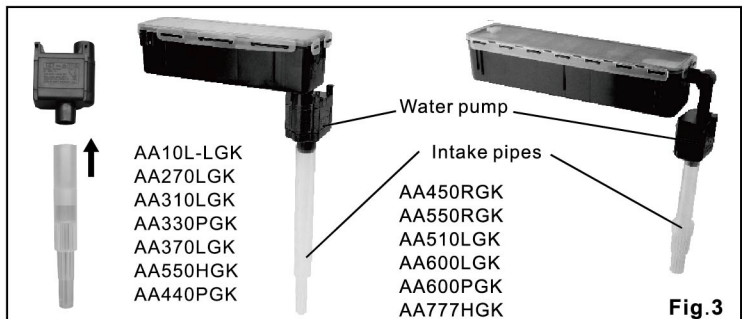
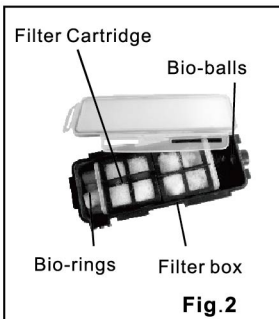
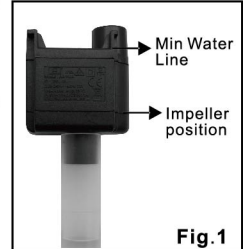
AA600LGKH – 85kg

- Before use, fill up the tank with water to check if there's leakage.
- Do not transport, or move the aquarium when it's filled up with water.
- Do not use toxic substances to clean the aquarium.
- All cables leading out of the aquarium and the main cables should have a drip loop, so that water which may possibly run down cannot get into the adapter or the main socket. (Ref. “Drip Loop”)



INSTRUCTIONS:

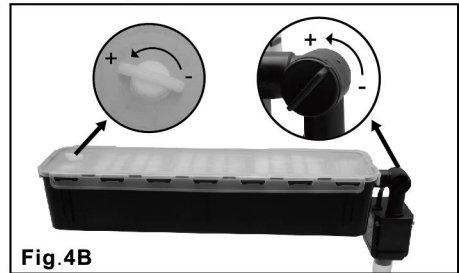
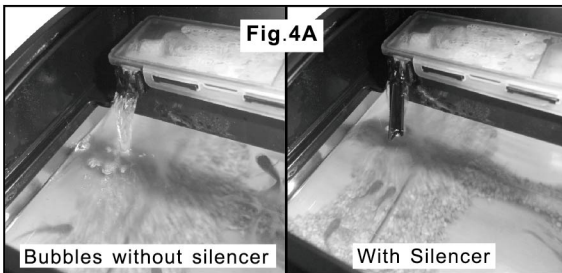
1. Carefully remove the aquarium and its components from the box and packing materials. Please check for damages, should there be damages, please kindly return to your retailer immediately.
2. Check for components inside package:
a) Aquarium tank with cover; b) LED light in cover; c) Filter box, water pump & connection pipes. d) USB adaptor
3. POSITIONING your tank, please use the following guidelines when positioning your tank:
 - Choose a strong support surface for the tank; remember, when the tank is full of water, it can be heavy!
 - The tank should be put on a flat surface without inclination.
 - Try to avoid a location with direct sunlight as this can encourage algae growth & cause "green water" problems.
4. Open the top panel. Decorate your tank with plants, gravels and other decorative items (Not Included)
(Remember: rinse all decorative items before putting them in the tank).
5. Fill the tank with water slowly. Fill up water to top frame position.
 - For initial start, make sure water level covers the water pump impeller position. (Refer to Fig. 1)
6. Open the filter box. Rinse filter cartridges, bio balls & bio rings under running water and place them back into the filter box. (Ref. Fig. 2)
7. Construct intake pipes to pump as indicated on Fig. 3



8. Plug into the socket. The pump will start pumping water into the filter box.

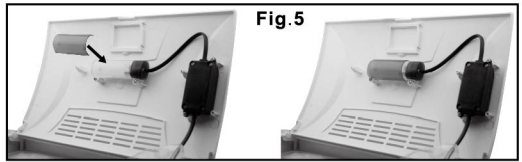
9. Self Aeration:

- Aquariums (for less than 35L – model #AA10L-LGK / AA270LGK / AA330PGK / AA310LGK / AA550HGK / AA370LGK / AA340RGK / AA440PGK) are designed to have self aeration. Air bubbles will generate when water goes back into the aquarium (when Silencer is removed) (Refer to Fig. 4A)
- Aquariums (for 35L or more – model #AA450RKG / AA550RGK / AA510LGK / AA600LGK / AA777HGK) are self-aeration with control knob built-in on top of filter box. (Refer to Fig. 4B)



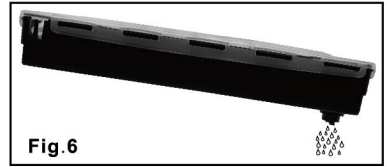
10. Connect USB. To light up your aquarium, press the switch located on top (Fish also requires sufficient rest; we suggest the bulb to be left on only for maximum of 14 to 18 hours per day).
11. Before adding your fish, please add "Chlorine Neutral" (Not Included) into aquarium (check dosage on packaging). Let the filtration run for about 2 hours before adding fish. If you do not have Chlorine Neutral, we recommend running the filtration for 12 hours before adding fish.

12. There're colour rings included. Simply clip onto the LED light to bring out the colours of your fish. (Ref. Fig. 5) Pink for gold fish & blue to look like saltwater setup.

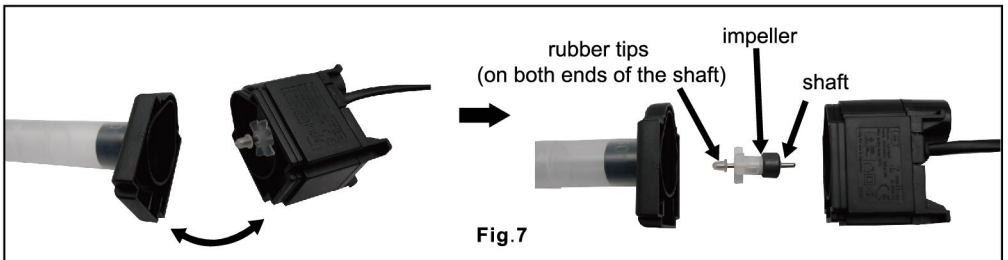


MAINTENANCE:

1. For best performance, maintenance should be carried out every 3-5 weeks, depending on water condition. (Do not use detergents)
2. To achieve maximum efficiency, the filter cartridge should be replaced every month.
3. Always unplug before carrying out maintenance.
4. Open the cover, remove the filter box (drain water inside by tilting it) from the pipe. (Refer to Fig.6)



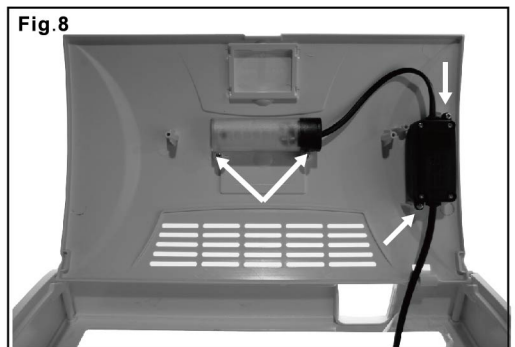
- Take the filter box to a sink, open the lid and replace with new filter cartridge (refer to "Replacement parts & accessories"), rinse the bio-balls & bio rings with water taken from the aquarium (do NOT use a brush to clean the bio-balls & bio rings as the bacteria on the surface of them are essential to biological filtration). Disconnect the connection pipes and rinse them under running water.
5. To avoid damages/ scratches to the tank, only use SOFT WOOL / CLOTH material for cleaning.
 6. In the event of changing water, only change 25% of the water and fill with tap water.



7. AA recommends cleaning the impeller of the pump once every 6 months to ensure smooth and reliable performance.
 - i) Remove the filter pump from top panel. Connect one of the pipes to pump.
 - ii) Slightly bend the pipe; the impeller housing will be disassembled from the pump. (Ref. To Fig. 7)
 - iii) Remove the impeller assembly to clean / brush under running water.
 - iv) Re-assemble the filter pump into top panel; connect with pipes according to instructions.

CLEANING OF LUMINAIRE:

- Always switch off and unplug before cleaning, or replace the LED light.
- CAUTION: The LED light set may be hot. Please wait until it cools down. After working for a certain period, there may be algae & dirt adhered on the LED light transparent cover.
- Open top cover. Remove the screws on LED light. (Refer to Fig. 8)
- Clean the LED light transparent cover with a dry cloth.
- Install the LED light after cleaning. Do not plug in until the LED light & switch box are assembled properly.



LED REPLACEMENT

To replace new LED light, refer to spare part table to find the matching model number.

TROUBLE SHOOTING & TIPS:

<p>Filter pump doesn't work, it doesn't pump water into filter box</p>	<p>a) For initial start, make sure water level covers the water pump impeller position. (Fig. 1) This is a submersible water pump which will work properly even under water b) If water level covers the water pump impeller position and filter pump still doesn't work, please refer to "MAINTENANCE" point 7, cleaning of the impeller. (There could be foreign objects in the impeller). c) If the impeller shaft has worn thin or is damaged, please replace with new impeller.</p>
<p>If the LED doesn't light up</p>	<p>a) Make sure the USB adaptor is plugged into the main supply and is securely connected. Push the switch to "ON" position. b) If the LED doesn't light up, replace the LED light.</p>
<p>Not enough air</p>	<p>a) Please do not put extra sponge into the filter box as this will reduce the flow and reduce bubbles b) The bubbles by self-aeration are enough for normal fish keeping. Add a separate air pump if needed.</p>
<p>Water droplets sound during aeration</p>	<p>For model #AA10L-LGK / AA270LGK / AA330PGK / AA310LGK / AA550HGK / AA370LGK / AA340RGK / AA440PGK The self aeration will incur some water droplets sound. To change to silent mode, connect the silencer to the water outlet will remove the droplets sound. (Fig. 4A)</p>

REPLACEMENT PARTS & ACCESSORIES:

Below are replacement parts available at the retailer where you have purchased this aquarium.

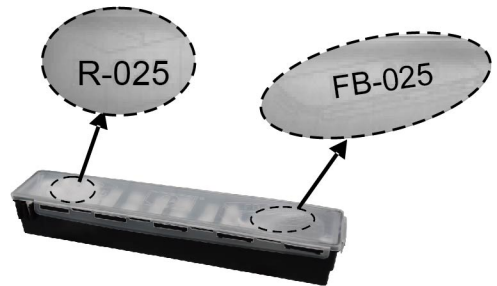
Filter Cartridge: Includes sponge & activated carbon. Replace approx. every 4 weeks, depending on water conditions. (Wash the bio balls & bio-rings from water taken from aquarium)

The model no. of filter cartridge and filter box are engraved on the cover of filter box.

Example:

R-025 is the filter cartridge

FB-025 is the filter box



Filter Cartridge

2 sizes.

S – R-025-6 (box of 6pcs)

M – R-035-3 (box of 3pcs)

Filter Pump is available as a spare part.



R-025-6



R-035-3



AA190A



AA290A

LED light is available as a spare part.

R-SMT1W-LED

R-SMT3W-LED

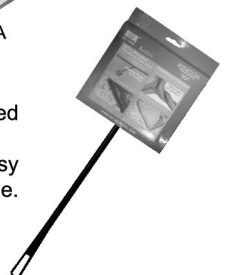


Other accessories:

Floating Fish Net: AA's patented design floating fish net.

Flow on water - design for easy use. Plastic made handle – durable.

Various sizes available



Spare Part Table:

Name	Model	Shape	Capacity	Filter Cartridge	Replacement LED	Filter Pump
BASIC 10 Box	AA10L-LGK	Rectangular	10L	R-025-6	R-SMT1W-LED	AA190A
Basic 8 Slim	AA270LGK	Rectangular	8L	R-025-6	R-SMT1W-LED	AA190A
Basic 15	AA310LGK	Rectangular	15L	R-025-6	R-SMT1W-LED	AA190A
Basic 20	AA370LGK	Rectangular	20L	R-025-6	R-SMT1W-LED	AA190A
Basic 40	AA510LGK	Rectangular	40L	R-035-3	R-SMT3W-LED	AA290A
Basic 54	AA600LGK	Rectangular	54L	R-035-3	R-SMT3W-LED	AA290A
Basic 70	AA600LGKH	Rectangular	70L	R-035-3	R-SMT3W-LED	AA290A
Basic 14P	AA330PGK	Panoramic	14L	R-025-6	R-SMT1W-LED	AA190A
Basic 20P	AA440PGK	Panoramic	20L	R-025-6	R-SMT1W-LED	AA190A
Basic 60P	AA600PGK	Panoramic	60L	R-035-3	R-SMT3W-LED	AA290A
Basic 20R	AA340RGK	Round Corner	20L	R-025-6	R-SMT1W-LED	AA190A
Basic 35R	AA450RGK	Round Corner	35L	R-035-3	R-SMT3W-LED	AA290A
Basic 50R	AA550RGK	Round Corner	50L	R-035-3	R-SMT3W-LED	AA290A
Basic 22 Hex	AA550HGK	Hexagon	22L	R-025-6	R-SMT1W-LED	AA190A
Basic 70 Hex	AA777HGK	Hexagon	70L	R-035-3	R-SMT3W-LED	AA290A

*1 year limited warranty for the aquarium. Do not include tear and wear parts like LED light & filter media.

For UK & Ireland:

Model	Shape	Capacity	Filter Cartridge	Replacement LED	Filter Pump
FRF-270	Rectangular	8L	FRF-025CT	R-SMT1W-LED	AA190A
FRF-370	Rectangular	20L	FRF-025CT	R-SMT1W-LED	AA190A
FRF-370HT	Rectangular	28L	FRF-025CT	R-SMT1W-LED	AA190A
FRF-585	Rectangular	54L	FRF-035CT	R-SMT3W-LED	AA290A
FRF-330	Panoramic	14L	FRF-025CT	R-SMT1W-LED	AA190A
FRF-440	Panoramic	20L	FRF-025CT	R-SMT1W-LED	AA190A
FRF-590	Panoramic	60L	FRF-035CT	R-SMT3W-LED	AA290A
FRF-380	Arched	20L	FRF-025CT	R-SMT1W-LED	AA190A
FRF-555	Hexagon	22L	FRF-025CT	R-SMT1W-LED	AA190A
FRF-555HT	Hexagon	28L	FRF-025CT	R-SMT1W-LED	AA190A
FRF-777	Hexagon	70L	FRF-035CT	R-SMT3W-LED	AA290A

For Australia & New Zealand:

Model	Shape	Capacity	Filter Cartridge	Replacement LED	Filter Pump
VS022 / EG761	Rectangular	8L	EG744	EG762	EG508
EG540	Rectangular	20L	EG744	EG762	EG508
EG742	Rectangular	28L	EG744	EG762	EG508
EG538	Rectangular	54L	EG745	EG673	EG536
EG545	Rectangular	70L	EG745	EG673	EG536

Designed & Manufactured by AA Aquarium:

www.aa-aquarium.com

info@aa-aquarium.com

UK & Ireland Distributor:

Den Marketing Ltd.

www.denonline.co.uk

Australia and New Zealand Distributor:

Masterpet

www.masterpet.com



Discarding electrical and electronic equipment at the end of life. In everybody's interest and to participate actively in protecting the environment:

- Do not discard these items with your household waste
- Use the available trade-in and collection systems
- Some materials are in this way recycled or recovered

	AA	UK & Ireland	Australia & New Zealand
BASIC 8 Slim	AA270LGK	FRF-270	EG761 / VS022
BASIC 15	AA310LGK	N/A	N/A
BASIC 14P	AA330PGK	FRF-330	N/A

