



POND & AQUARIUM WATER PUMP

8000PP / 10000PP / 15000PP / 18000PP



OUTLET FITS 25, 32 & 38MM HOSE

MULTI DIRECTIONAL OUTLET

SUBMERSIBLE USE ONLY - SUITABLE
FOR FRESH AND SALT WATER

PUMP FULLY ENCASED TO PROTECT
FROM LARGER PARTICLES

To ensure your new pond pump is set up and running correctly, and to prevent any accidental damage or injury, please read and follow the below instructions carefully before using your product.

SAFETY

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

- The PP pond & aquarium pump should never be run dry as this will cause the unit to overheat and cause permanent damage.
- All connections must be earthed.
- The power cord of this appliance cannot be replaced; if the cord is damaged, the appliance should be discarded. Never cut the cord.
- Do not connect to any voltage other than that stated.
- Do not place in liquids other than water.
- Do not use with water above 90°F or 30°C.
- Do not carry or pull the unit by its electrical cable.
- Do not use this unit if it has a damaged cord, if it is malfunctioning or it is dropped or damaged in any manner
- Do not attempt to modify this unit in any way and only use attachments and the recommended parts for replacement recommended by the manufacturer.
- Before installing, maintaining or handling your equipment, or before placing your hands in your pond, ensure that the unit is disconnected from the electricity supply.
- Always disconnect any electrical devices when not in use.
- To avoid injury, do not touch hot or moving parts such as, but not limited to UV bulbs or impellers.
- During maintenance ensure all O-rings are present and intact.

- If the appliance shows any signs of water leakage or the RCD unit switches off, disconnect the unit from the power supply and consult the retailer where you purchased the unit.
- Do not install or store this unit where it will be exposed to temperatures near to 0°C / 32°F. In freezing conditions, remove and store the unit in a sheltered area ensuring all water has been drained from it.
- Do not bury the cord for this unit. Ensure it does not cause a trip hazard or it at risk from damage from lawn mowers, strimmers or other garden equipment.
- This is a submersible product - do not operate the product if not fully submerged.

Please note – this appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge, provided they are given supervision and instruction concerning use of the appliance and understand the hazards involved. Children must not play with the appliance. Any maintenance must not be made by children without supervision.

ELECTRIC

This unit 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.
- A residential current device (RCD) is used for additional safety
- You have complied with Local Electricity Authority regulations if permanently installing to the mains supply.

Please Ensure: The power supply must be earthed and fused at 3amps. Regularly inspect the cable for damage and deterioration. Consult a qualified electrician if in doubt about any aspects of wiring.

INSTALLATION & USE

The All Pond Solutions PP pump range can be used to circulate water, pump to and from a separate filtration system or water features using suitable flexible hose (flexible hosing sold separately).

Please read the below instructions carefully before beginning to set up your pump. **DO NOT CONNECT THE UNIT TO THE MAINS UNTIL SET UP IS COMPLETE AND UNIT IS FILLED WITH WATER.**

1. Connect the required attachments - make sure the O-rings are placed smooth side up to the hosetail (see image on the right for reference). This will prevent leakage.



2. Connect your outlet pipe to either your filter, water feature or alternative location. Secure the outlet pipe using a clamp / bracket and ensure this is tight and secure.

3. Adjust the flow rate - using the flow rate adjuster (15000PP & 18000PP models only).



4. Position the unit - fully submerge your PP unit. Place it on a level and sturdy surface at the bottom of your pond, this is to avoid silt entering the pump causing excessive wear and increasing pump cage cleaning.

5. Connect your PP pump to the mains - Connect the unit to the mains using a residual current device (RCD) for additional safety.

6. Switch on your unit at the mains - turn on the operation by switching on the unit at the mains.

MAINTENANCE

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

We recommend that a regular cleaning and maintenance schedule is followed to ensure responsible fishkeeping. Depending on water volume and stocking levels, regular cleaning of the impeller and inlet/outlet pipework will help ensure that the product works efficiently and your pond remains healthy.

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

	1 MONTH	3 MONTHS	6 MONTHS	ANNUALLY
All Pipework	Clean & Inspect			
Hosing				Clean & Inspect
O-Rings	Clean & Inspect	Lubricate & Clean		Replace

O-rings

It is vital that O-rings are regularly inspected and replaced as the rubber watertight seal will perish over time, which may cause your unit to leak. Before replacing your o-rings, ensure they are well lubricated to ensure the seal is kept water tight.

Pump Maintenance

IMPORTANT! Failure to carry out routine maintenance and/or leaving the pump with reduced/no flow rate for long periods will result in a shorter pump life and will invalidate the warranty.

It is recommended to disconnect your pump and clean the impeller and pipework monthly. Pipework will become blocked with waste and protein slime over time, so regular cleaning is important for optimal performance.

The frequency of how often you will need to clean and inspect your unit of course will depend on a lot of factors like how dirty the water is when you first start using your pump, your pond volume and also how many fish you have. How often you feed your fish and seasonal light levels will also affect how quickly your pond water gets dirty and will need to be taken into consideration when planning how often to clean your PP unit.

Cage housing - can be removed by unscrewing single screw fixing located on the back of the unit and gently depressing the push clips located on either side. Wash through the cage housing to remove any debris.



Hosetail - detach the hosetail/s from your unit by rotating them anti-clockwise. Clean them with fresh water and make sure they are free of limescale.



8000PP / 10000PP

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Impeller - unscrew three (four depending on the model) screw fixings located on top of the impeller cover. Turn it anti-clockwise and pull away from the body.

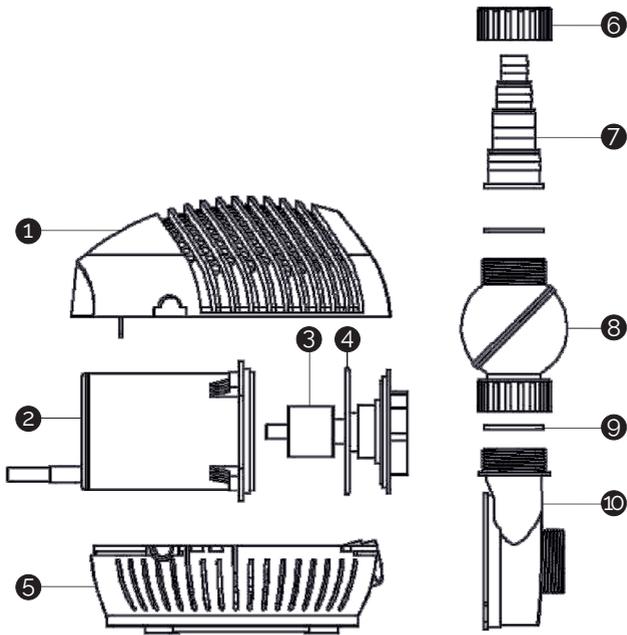
The impeller can then be gently pulled away from the housing and inspected for damage. Clear the fittings and parts of any waste build-up.



Reassemble the unit. Ensure the O-rings are in place to avoid leakage.

PARTS DIAGRAM

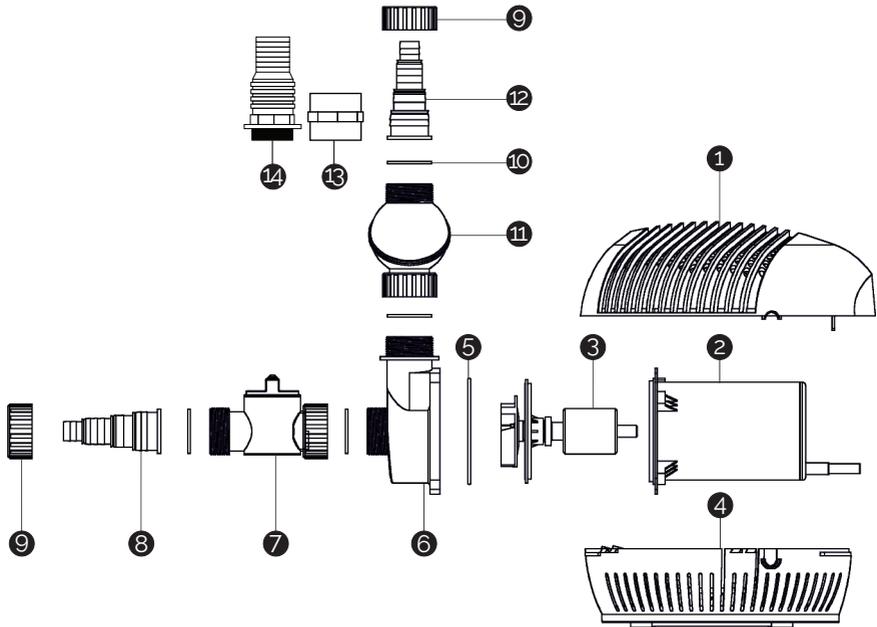
8000PP / 10000PP



1	UPPER FILTER CASE	4	O-RING	7	HOSETAIL
2	MOTOR	5	LOWER FILTER CASE	8	PHASED HOSE NOZZLE
3	IMPELLER	6	NUT	9	RUBBER RING
				10	IMPELLER COVER

PARTS DIAGRAM

15000PP / 18000PP



1	UPPER FILTER CASE	6	IMPELLER COVER	11	PHASED HOSE NOZZLE
2	MOTOR	7	FLOW RATE ADJUSTER	12	OUTLET HOSETAIL
3	IMPELLER	8	INLET HOSETAIL	13	NUT
4	LOWER FILTER CASE	9	NUT	14	ADDITIONAL HOSETAIL
5	O-RING	10	RUBBER RING		

TROUBLESHOOTING

Slow Flow Rate

- 1.** For optimum function of the unit, we highly recommend the pump is positioned on a brick, so it is not resting directly on the bottom on the pond. This is to prevent large clumps of debris blocking the inlets and restricting the flow.
- 2.** Follow the maintenance section. Ensure pipe work is not blocked, leaking or is laid so that it gets crushed or kinked.
- 3.** Locate the impeller and shaft in the pump and inspect for damage and clear the fittings and parts of any waste build-up.

No Flow From Pump

- 1.** Check power supply is on.
- 2.** Check fuse and cable for any damage.
- 3.** Follow the slow flow rate guide (see above) and keep any hose fittings to a minimum. This helps to remove frictional loss of flow and so increases pump flow rates.

My Unit is Cutting Out

- 1.** For optimum function of the unit, we highly recommend the pump is positioned on a brick, so it is not resting directly on the bottom on the pond. This is to prevent large clumps of debris blocking the inlets and restricting the flow.
- 2.** Ensure that all O-rings are in place and well lubricated.
- 3.** Locate the impeller and shaft in the pump and inspect for damage and clear the fittings and parts of any waste build-up.

If none of the above resolves your issue, or you require spare parts for your pump, please contact the supplier of your unit.

SPECIFICATIONS

MODEL:	8000PP	10000PP
MAX HEIGHT (cm)	320	500
MAX FLOW RATE:	8000 L/H	10000 L/H
DIMENSIONS (mm):	310 x 300 x 165	310 x 310 x 165
OUTLET FITS:	20, 25, 32 & 38mm Hose	20, 25, 32 & 38mm Hose
WATTAGE:	70w	155w
CABLE LENGTH:	10m (Plug not included)	10m (Plug not included)
VOLTAGE:	240V	240V

SPECIFICATIONS

MODEL:	15000PP	18000PP
MAX HEIGHT (cm)	550	580
MAX FLOW RATE:	15000 L/H	18000 L/H
DIMENSIONS (mm):	340 x 340 x 180	340 x 340 x 180
OUTLET FITS:	20, 25, 32 & 38mm Hose	20, 25, 32 & 38mm Hose 50mm Hose (part 14)
WATTAGE:	215w	315w
CABLE LENGTH:	10m (Plug not included)	10m (Plug not included)
VOLTAGE:	240V	240V

MAX HEIGHT FLOW RATES

MODEL:	8000PP	10000PP	15000PP	18000PP
H (m)	LITRES PER HOUR			
0	8000	10000	15000	18000
0.5	6800	8500	12000	14000
1	5800	7600	9200	11000
1.5	5000	6800	7150	8600
2.0	3800	5400	5600	6700
2.5	2000	4600	4300	5200
3	0	4000	3400	4050
3.5		3400	2600	3200
4		2800	2100	2500
4.5		1800	1600	1950
5		3400	1250	1500
5.5		2800	900	1200
6		1800		850

WARRANTY

The All Pond Solutions PP pump range is guaranteed against defects in material or workmanship under normal pond usage and comes with 12 months warranty for all electrical parts. The warranty period commences from the date of purchase.

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

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.

Please be aware that perishable parts that are subject to normal wear and tear, such as impellers, impeller covers and motor seals are not covered by your warranty and a charge may be required for replacements of these.

This warranty does not apply to any unit that has been subjected to misuse, accidental damage, negligence, tampering or customisation. 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.

No liability is assumed with respect to loss or damage to livestock or personal property irrespective of the cause thereof.

Please ensure that only genuine All Pond Solutions components are used when completing a replacement or repair. Spare parts are available at our official website or from your local supplier.

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.



www.allpondsolutions.co.uk

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