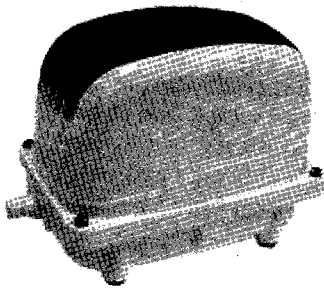


## ElectroAir



### Electronic weatherproof pond air pump

Model	Vol-Frequency	Watts	Qmax L/min	Pressure Mpa	Noise dB
2100	220-240V 50Hz	20	35	0.028	33
2700	220-240V 50Hz	25	45	0.030	35
3600	220-240V 50Hz	38	60	0.035	35
4800	220-240V 50Hz	55	80	0.036	36
6000	220-240V 50Hz	65	100	0.038	36

#### OWNER'S MANUAL

PondXpert ElectroAir Air pumps are carefully inspected and tested to ensure both safety and operating performance. However, failure to follow the instructions and warnings in this manual may result in pump's damage and/or serious injury. Be sure to read and save this manual for future reference.

#### Features

- Adopts high-grade aluminum alloy casing, double damping system and noise absorbing function, high performance and low in noise,
- Double air chambers to produce large quantity of air and strong air pressure,
- Mon-oil lubricated design to provide pure compressed air.
- Unique structure, quick in heat dissipation.
- Complete waterproof structure.

#### Pump – Electrical Safety


Each pump is supplied with a 2 metre length of 3 core electrical cable which is permanently connected to the pump.



The wires in the mains electrical lead are coloured in accordance with the following code:

BLUE – Neutral (marked with an “N” in most terminal connections)

BROWN – LIVE (marked with an “L” in most terminal connections)

GREEN/YELLOW – EARTH (marked “E” or  in most terminal connections)

1<sup>st</sup> January 2005 revised Building Regulations for England and Wales  
Installing this product in the garden is classified as 'notifiable'. The  
Regulations now require you to tell your local authority building control  
department that you intend to install this product before installation. Your  
local authority will let you know how you can get your installation approved

The termination to the mains supply should be permanent, inside a dry weatherproof enclosure, through a double pole switched fused spur with a minimum contact gap of 3mm – (disconnected) to BS 3676 – and fitted with a 3 or 5 amp fuse.

Exposed cable runs should be sensibly positioned, and protected if necessary by armoured conduit.

A 10mA or 30mA Residual Current Circuit Breaker (RCD) MUST be fitted to the mains supply.

Permanent installations to the mains supply (hard wiring) must comply with the regulations of the local electricity authority which may stipulate the use of metal or plastic conduit to protect the cable.

If in any doubt about wiring to the mains supply contact a qualified electrician or your local electricity authority.

Protect from frost. In cold winter weather (when fish are inactive and algae growth ceases) the unit may be switched off. It should then be drained of water, removed (if possible) from its installation and stored in a dry, frost-protected area.

#### SAFETY INSTRUCTION

1. This pump should be grounded while in use to protect the operator from electric shock.
2. If pump falls into the water disconnect power before retrieving and send back to manufacturer for test.
3. Carefully examine the appliance after installation, if the supply cord is damaged it must be replaced by the manufacturer or its service agent or similarly qualified person in order to avoid a hazard.
4. Don't carry air pump by the power supply cord. disconnect the plug of the pump when not in use before putting on or taking off parts or before cleaning
5. Periodic maintenance (description seen in this manual) of the appliance is necessary

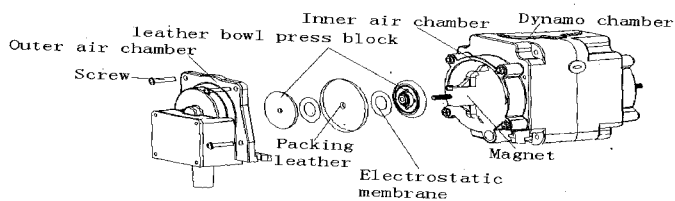
## INSTALLATION

### 1. PIPE DIVIDER & AIR STONES CONNECTION

One or more air stones can be connected to the pump outlet with air pipe and manifold. Choose an air pipe that suits your installation equipment, ensure all pipes are secured with clips when installing the air pump. Using larger bore pipe and avoiding sharp bends will improve performance of this air pump when installing. Use new and sufficiently large air stones with enough discharge capacity. Place them no deeper than 3 m in the pond. Bends in the air pipe, air stones placed too deep, air stones are too small, old or dirty air stones, etc. will reduce its capacity thus while operating, never fully close off pump outlet. Ensure that the pump can discharge sufficient air all the time, otherwise the pump will heat up leading to damage. To prevent any water flowing back into the pump when powered off, it is advisable to install the pump above water level, if a non-return valve is used on the outlet pipe, the pump may go beneath the waterline. Please note that never place air pump in water. To guarantee a long service life, it is necessary to install the pump under dry conditions, no moisture or dust. Dirt and moisture can seriously shorten the service life of this pump. Please note that an ambient temperature above 40°C can cause the diaphragm to crack.

### 2. DISASSEMBLY & REASSEMBLY THE DIAPHRAGM

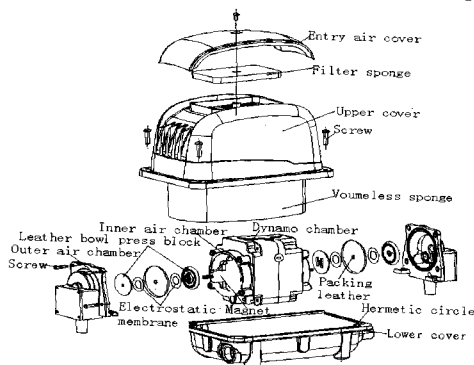
Loosen off the screws, take off the air chamber cover, loosen off the nut, take off separately the diaphragm depressor, electrostatic membrane & diaphragm, replace with a new diaphragm, please note that when fishing, make sure the diaphragm's make sure the diaphragm's jut fits exactly to the slot of the air chamber install all the parts back by counter steps.



### 3. FILTER SPONGE CLEANING & REPLACEMENT

Any dust or foreign matter attached on the pump air inlet may cause abnormal noises or result in a failure of the pump. The following are filter sponge cleaning & replace main instructions.

1. Make sure to unplug the pump first before cleaning & replacement work.
2. Remove the filter sponge from the air inlet. At this time, remove any dust or foreign matter from the air inlet, the filter cover and the filter sponge mounting surface. If the sponge is heavily soiled, a piece of new sponge is needed or you can use a neutral detergent to wash the old sponge to wash the sponge down, remember to rinse it well with water completely and dry it in the sun before reinstalling, detergent is bad for your fish.



**NOTE:** Ensure that the electrical cord loops below the electrical outlet to form a "Drip Loop". This will prevent water from running down the cord into the electrical outlet.

#### Limited Warranty

This product is guaranteed for a period of 12 months from the date of purchase for material or manufacturing defects. The guarantee covers the substitution of defective parts. However, the guarantee is considered null and void in the case of improper use, improper handling or negligence on the part of the buyer. If your PondXpert air pump fails please take it back to the retail outlet from where it was purchased. You will be required to take your receipt/proof of purchase with you. This does not affect your statutory rights.

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Billingham  
TS23 4BU  
UK  
01642 370898  
[www.pondxpert.co.uk](http://www.pondxpert.co.uk)



Your appliance contains valuable materials which can be recovered or recycled. Leave it at a local civic waste collection point.