



O2PLUS AIR MACHINE 4000/8000/12000

IMPORTANT SAFEGUARDS

Read and follow all safety instructions and important notices in these instructions as well as on the product itself.

Regular maintenance of this product and components are required in order to keep equipment within guarantee and to maintain pond health.

Before you work on your pond, wash your hands and arms. It is very important to remove dirt, moisturiser and other impurities.

All species of fish have specific requirements for their care.

Please seek advice from your Pond One retailer for correct care requirements and species compatibility.

The external flexible cables of this unit cannot be replaced; if the cable is damaged, the pump should be replaced. If there is water in or on the Pump, turn off the power source. Do NOT touch the pump if it is wet.



Download the Aqua One App.



Instructions Version: 01/10/2020



Water and electricity can be dangerous. Do not attempt repairs yourself. Return the appliance to an authorised service facility for repair.



Do not operate the appliance if it has a damaged cord or plug, or if it is malfunctioning, or damaged in any manner.



If the appliance shows any sign of water leakage, unplug it from the power source. Check after installation. Do NOT plug it in if it is wet.



Ensure your hands are dry when turning the power switch on or off and when inserting or removing the power cable from the socket.



Pump must be placed above water level.



Children should be supervised when using this item.



Unplug the appliance from the electrical outlet when not in use or before any type of maintenance or cleaning.



Never yank the cable to pull it from the socket. Pull the plug carefully to disconnect.



Do not use the appliance for reasons other than the intended use.



Do not install or store the appliance where it will be exposed to weather or temperatures below freezing.



Ensure input voltage is the same voltage as your local power supply.



A G.F.C.I (Ground fault circuit interrupter) & surge protector is recommended for all electrical appliances.



All products are supplied with fitted plugs. This plug should not be tampered with in any way. Removal or tampering with the plug invalidates our guarantee offered with this product.



This product is intended for indoor use or in an outdoor weatherproof location.



If you are in any doubt about installation, the electrical installation or safety of this product you must consult a qualified electrician.

CONNECTING YOUR APPLIANCE TO THE MAINS ELECTRICITY SUPPLY

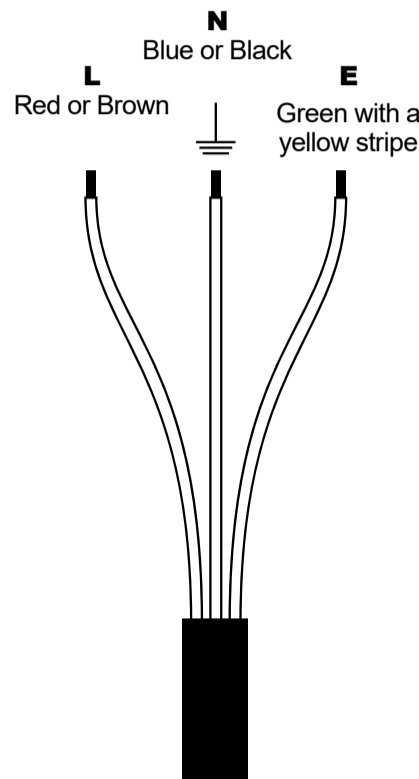
The appliance should be connected to the mains supply using the following colour coding. Refer to Diagram 1 below

- Red or brown wire - to the live connection 'L'
- Blue or black wire - to the Neutral connection 'N'
- Green with Yellow stripe wire - to the Earth connection 'E'

Australia, New Zealand and Hong Kong

In Australia, New Zealand and Hong Kong all products are supplied with fitted plugs. This plug should NOT be tampered with in any way or removed. Removal or tampering with the plug invalidates our guarantee offered with this product.

Diagram 1

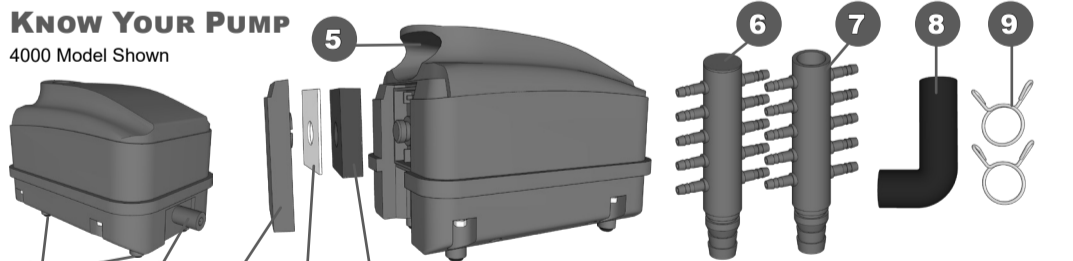


SPECIFICATIONS

MODEL	AIR VOLUME	AIR PRESSURE	OUTLET No.	POWER CONSUMPTION
4000	1600L/HR	22kPA	10	16W
8000	4200L/HR	32kPA	10 x2	47W
12000	6000L/HR	36kPA	10 x3	60W

KNOW YOUR PUMP

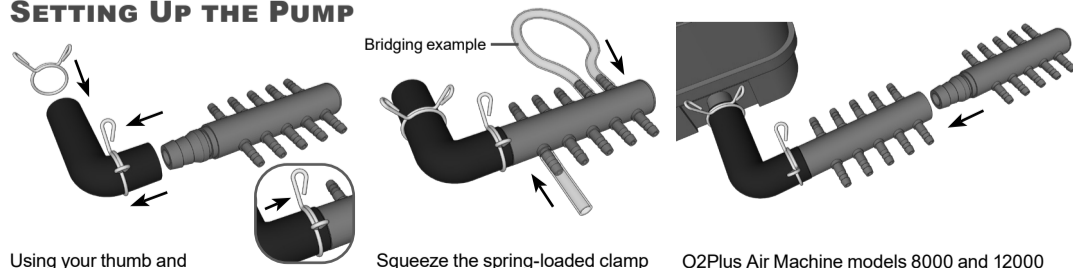
4000 Model Shown



1	Air Outlet	6	Multiple Outlet Adaptor
2	Air Filter Cover	7	Outlet Extension**
3	Wool Intake Filter	8	Rubber Elbow
4	Sponge Intake Filter	9	Spring Loaded Clamps x2
5	Handle	10	x4 Rubber Feet

To maximise the life of your pump, replace airstones* every 6-12 months. Avoid positioning the pump in a dusty or damp spot. *Sold Separately

SETTING UP THE PUMP



Using your thumb and forefinger, squeeze the spring-loaded clamps together and place one over each end of the rubber elbow, as far as they will go.

Squeeze the spring-loaded clamp again, move it so it is clamping the rubber elbow on to the air outlet and the multiple outlet adaptor. Attach airline to the multiple outlet adaptor. Bridge any outlets that are not in use.

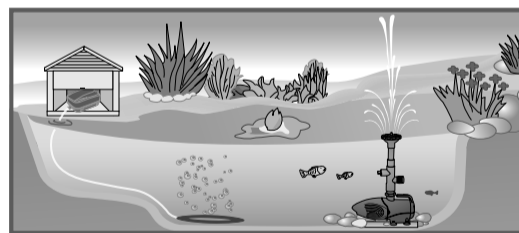
O2Plus Air Machine models 8000 and 12000 include one or two outlet extensions**. Attach outlet extension to rubber elbow, then attach multiple outlet adaptor to the extension.

** 8000 x 1 | 12000 x 2



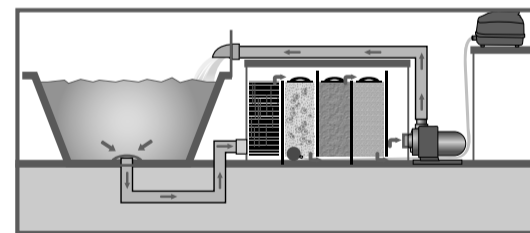
It is important to position the pump above the water level at all times, this is to prevent water siphoning back through the airlines and into the pump in an event of power failure. The O2 Plus Air Machine should be protected from the weather and away from the edge of the pond. A weather proof location above the water level is the ideal location.

POSITIONING THE PUMP



The O2Plus Air Machine allows airstones* to be placed into the pond to increase circulation in areas where the circulation is low. Low oxygen areas can be harmful to aquatic life. Use weighted or secured airstones* so that they will sit on the bottom of the pond.

This will help with keeping your pond clear by keeping solid waste suspended to be collected by filtration. Placing airstones* directly into the pond this way will also act as a backup circulation system to help maintain oxygen levels in the event of filter pump failure.



Airstones* used with the O2Plus Air Machine may also be placed into some filter systems to increase the oxygen levels within the filter, which can increase the efficiency of biological filters and help support filter bacteria in case of pump failure.

Position the airstones* so that air is injected before the biological media. Avoid injecting air directly into biological media or where the air may be drawn into the pump.

MAINTENANCE

It is essential to check that the pump is operating normally every 2-3 months. More so if the pump is in a dusty environment.

If the pump becomes noisy or air flow is reduced follow the troubleshooting steps.

TROUBLESHOOTING

CLEANING THE AIR FILTER

1. Remove the air filter cover and take out the wool air filter and sponge.
2. Gently tap the air filters against a solid surface to dislodge trapped dirt. If the sponge is extremely dirty, wash under running water. Ensure the filters are completely dry before replacing into position.
3. Before reconnecting the air outlet and returning the pump to its operating position, plug in the pump and test that it is operating normally.



Testing the airline: Disconnect the airline from the pump and blow air through it.

Testing the pump:

Block the air output and listen for any changes in the sound of the pump. The sound of the pump should change as it pushes against the back pressure. If there is no change, there may be a broken component. See your Pond One retailer to service these parts.



Unplug the pump before any maintenance or troubleshooting.

Disconnect the air outlet and make sure to keep the outlet above water level by hanging it up. DO NOT LEAVE IT LAYING ON THE GROUND.

PUMP DOES NOT WORK AT ALL

1. Ensure that the power plug is inserted correctly and the switch is in the on position.
2. Ensure that the pump is not wet.

THE PUMP HAS BECOME VERY NOISY

1. Check that the pump is not sitting against a surface and vibrating against it.
2. Perform the same tests as described in *The Pump is working but no air is coming out* section

THE PUMP IS WORKING BUT NO AIR IS COMING OUT

1. Check that the airline is not kinked.
2. Check that the air filter is not blocked, covered or dirty.
3. Replace airstones*.
4. If the pump has just been installed, raise the airstones* so that they are closer to the water surface. If they begin producing air, the pump may not be strong enough for this depth.
5. Perform pressure test (see tips panel to the left).

*Sold Separately