

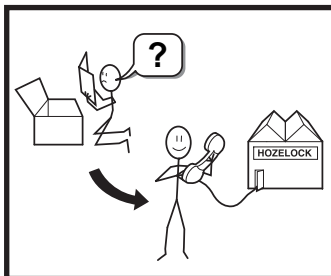


1800
1805

AIR PUMP 320/640



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INSTALLATION AND OPERATING INSTRUCTIONS. READ INSTRUCTIONS CAREFULLY BEFORE ATTEMPTING INSTALLATION. KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE.

The Hozelock Cyprio air pump is designed for use outdoors. It must not be submersed in the pond. All electrical components are safely housed inside the product.

Important

The 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 instruction 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.

- WARNING:** ALWAYS UNPLUG OR DISCONNECT ALL APPLIANCES IN THE POND FROM THE ELECTRICITY SUPPLY BEFORE PUTTING YOUR HANDS IN THE WATER WHILST EQUIPMENT IS BEING INSTALLED, REPAIRED, MAINTAINED OR HANDLED.
- Do not use the supply cable to lift the pump as this may cause damage.
- If the supply cable is damaged, do not operate the pump.
- Do not operate or leave the pump in freezing conditions.
- Check that the voltage marked on the pump corresponds to the mains supply.
- A 30mA maximum Residual Current Device (RCD) MUST be fitted to the mains supply.
- Do not operate this pump without the inlet filter and cover attached. Using the pump without AN INLET FILTER may invalidate your warranty.

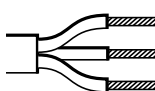
Installing this product in the garden is classed as 'notifiable' in the Regulations for England and Wales. The Regulations require you to tell your local authority building control department that you intend to install this product before installation. Your local authority will let you know how you can get your installation approved.

Warning: Safety and Electrical Connections

- The pump is supplied with 3m of 3-core electric cable, which is permanently connected and sealed

to the motor. The supply cable cannot be replaced. If the cable is damaged, the pump should be discarded. This product is designed to be permanently wired to the mains supply in a dry weatherproof enclosure through a Double-Pole Switched Fused Spur - (Disconnecter) - Fitted with a 3 or 5 Amp fuse. The installation must conform to the national and local wiring regulations.

- A 30MA MAXIMUM RESIDUAL CURRENT DEVICE (RCD) MUST BE FITTED TO THE MAINS SUPPLY.**
- WARNING: THIS APPLIANCE MUST BE EARTHED AND IT IS ESSENTIAL THAT THE CONNECTIONS ARE MADE USING THE FOLLOWING CODE;**



Brown - Live

Blue - Neutral

Green/Yellow - Earth

The BROWN lead should be connected to the LIVE terminal which may be marked with an 'L' or coloured brown or red.

The BLUE lead should be connected to the NEUTRAL terminal which may be marked with an 'N' or coloured blue or black.

The GREEN/YELLOW lead should be connected to the EARTH terminal which may be marked with an 'E' or coloured green or green/yellow.

- If an extension cable is required, this should be connected to the end of the pump cable using a weatherproof cable connector. The joint must be positioned in a suitable weatherproof housing. The extension cable should be of 3 core 0.75mm² Polychloroprene rubber insulated cable (ref: HO5 RN-F) and permanently wired to the mains supply with a 3 or 5 Amp fuse.
- The pump cable (and extension cable) should be adequately protected against damage especially where contact with gardening equipment (lawn mowers, forks etc..) children and domestic animals may occur.
- Always disconnect the mains power supply whilst the equipment is being installed, repaired, maintained or handled. Consult a qualified electrician or local authority if in any doubt about wiring to the mains supply.

Pump Installation

IMPORTANT:

MAXIMUM DEPTH OF AIR STONE IN POND 1.2M. BY PLACING THE AIR STONE DEEPER THAN 1.2M YOU WILL FOREGO THE PRODUCT WARRANTY.

- Place the unit near the pond, on a solid level

surface. Route the cable back to the mains supply. Ensure that you allow for enough cable for positioning the product in the desired location near the pond.

2. Push the 4mm air tube onto the end of each one of the outlets and ensure it is securely in place (See Fig 1).
3. To fit the non-return valve to the air pipe, cut the pipe and push the ends onto the inlet/outlet of the valve. This valve only works in one direction, which is indicated by the mark 'OUT' (See Fig 2). This valve ensures that water is not sucked back into the pump if the pump is installed below the pond's water level when the power supply is turned off.
4. Cut the air tube to the desired length. This will be determined by:
 - a) The location of your pump around the pond
 - b) The depth at which you want to position your air stone in the pond (MAXIMUM DEPTH = 1.2m).
5. Attach the other end of the air tube to the 30mm air stone (See Fig 3).
6. Place the air stone in the pond or filter. Locate the air stone(s) in a position to maximise pond aeration. If using multiple air stones ideally position these in different parts of the pond. The hose and airstones can be weighted down to hold them below the water surface: care should be taken to prevent restriction of the airflow.
7. The air output can be varied using the control on top of the pump (See Fig 4).
8. If the pump is to be used during the winter it is advisable to raise the air stone(s) up off the bottom of the pond to help avoid circulating cold water.

Pump Location

The pump should be positioned on a solid flat, horizontal surface when in use.

If you do not wish to operate the air pump for 12 months of the year, store the air pump safely in a dry environment and where temperatures will be above freezing.

Maintenance

The Hozelock Cyprio Air Pump has been designed to allow quick and easy maintenance. The air pump contains rubber parts, which can wear over time. The product has been specifically designed to make the replacement of these parts as convenient as possible.

THE MAINTENANCE OF THIS PRODUCT MUST BE COMPLETED BY A TECHNICALLY COMPETENT PERSON. IF IN ANY DOUBT PLEASE CONSULT THE

RETAILER WHERE THE PRODUCT WAS PURCHASED.

ALWAYS UNPLUG OR DISCONNECT THE PUMP FROM THE ELECTRICITY SUPPLY BEFORE STARTING MAINTENANCE.

1. The diffusion of air from air stones will deteriorate over time. In order to maximise the efficiency of air output, air stones should be replaced every year.
2. The diaphragms can deteriorate and to ease replacement a 'pump module' containing the diaphragms is available as a spares kit from Hozelock Cyprio.

Tools Needed

- Medium sized Phillips screwdriver.
- Medium sized flat screwdriver.

Replacing the pump module

1. Remove the four rubber covers (See Fig 5).
2. Remove the four fixing screws (See Fig 6).
3. Lift up the top housing (See Fig 7 & 8).
4. The pump module can be seen connected to the two air outlet pipes and is retained by three screws. Loosen and remove all three screws (See Fig 9 & 10).
5. Remove the clamp (See Fig 11).
6. Lift the pump module and pull it away from the air outlet pipes (See Fig 12 & 13).
7. Remove the pump module and replace with the new one (See Fig 14), the reassembly is the reverse of steps 1 to 6.

***Note that Model 1805 needs two pump modules and the replacement sequence is the same as steps 1 - 7, above.**

Replacing the Air Inlet Filter

1. Use a medium sized flat screwdriver or similar to lift the filter housing (See Fig 15).
2. Remove the filter housing and push out the filter (See Fig 16 & 17).
3. Remove the filter (See Fig 18) and replace with the new one, the reassembly is the reverse of steps 1 & 2.

Fault Finding

ALWAYS UNPLUG OR DISCONNECT THE PUMP FROM THE ELECTRICITY SUPPLY BEFORE STARTING MAINTENANCE.

Increased noise / Low air output

1. Check for restrictions to the airflow:
 - Check the air tube isn't kinked or trapped.
 - Check there isn't an obstacle on top of the air tube.
 - Check there isn't a piece of dirt obstructing the air tube.

- Check the one-way valve in the air tube is operating effectively.
 - Check that the air stone is in good condition and whether it needs replacing.
 - Check to see whether the inlet/outlet foams, rubber seals, flapper valves or diaphragm need replacing.
2. The air stone should not be placed at a depth more than 1.2m.

No air output

1. Check power is on and the electrical installation is correct.

If you need further advice either return the faulty product to the point of purchase or contact Hozelock Cyprio Consumer Services on 0121 313 1122

unserviceable within 2 years of the date of purchase it will be repaired or replaced at our option free of charge, unless in our opinion it has been damaged or misused.

Liability is not accepted for damage due to accident, improper installation or use. Liability is limited to replacement of a faulty pump. This guarantee is not transferable. It does not affect your statutory rights. To obtain the benefits of the guarantee, firstly contact Hozelock Cyprio Consumer Services who may request that the pump is sent along with proof of purchase directly to the address below.

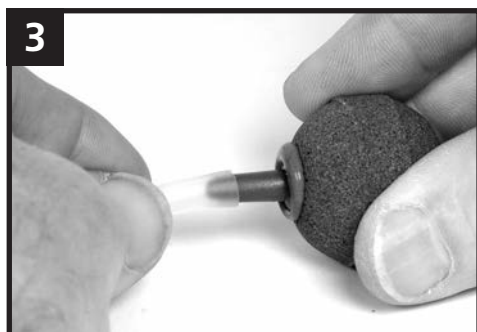
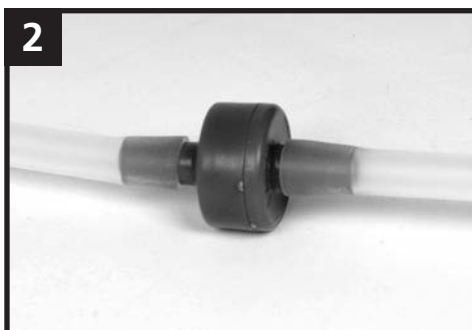
Damage caused by running the air stone at a depth greater than 1.2m invalidates the Guarantee.

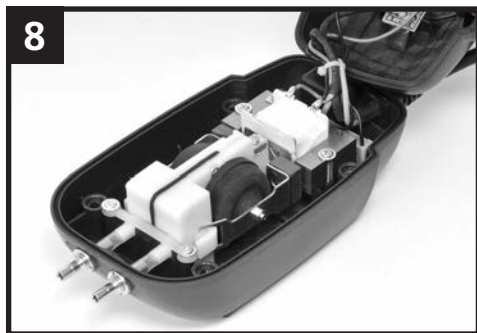
2 Year Product Guarantee

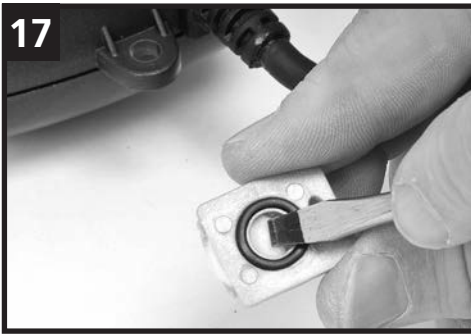
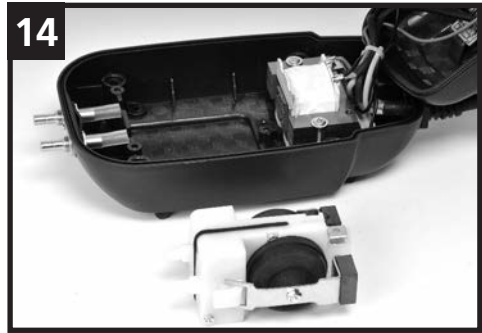
If this pump, excluding the Diaphragm, Flapper Valves, Inlet and Outlet foams and o-rings, becomes

Contact Details

Contact Hozelock Cyprio Consumer Services on 0121 313 1122 or visit www.hozelock.com







Product Performance


	320	640
Volts (V)	230V/50Hz	230V/50Hz
Power (W)	4W	8W
Max Head (MPa)	0.014	0.014
Recommended airstone depth (m)	1.2m	1.2m







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This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.