

pondXpert *Fountasia*



Fountain Pond Pump

Model	Power Rating	Max Flow	Max. Head	Fountain Heads	Outlet Size
PXFNT1000	14W	1000 LPH	1.8m	2 - tiered, bell	20-25mm
PXFNT1500	25W	1500 LPH	2.5m	2 - tiered, bell	20-25mm
PXFNT2000	35W	2000 LPH	2.5m	2 - tiered, bell	20-25mm
PXFNT3000	60W	3000 LPH	2.8m	3 - tiered, bell, bubbler	20-32mm
PXFNT4000	75W	4000 LPH	2.9m	3 - tiered, bell, bubbler	20-32mm

All pumps come complete with 10m power cable.

All pumps have a rated voltage of 220-240V, 50Hz

All pumps come complete with diverter valve to divert flow between fountain and waterfall if required.

All pumps complete with telescopic extension pieces and fountainheads (listed above).

Introduction

Congratulations on the purchase of your pondXpert pond pump. Used correctly your pond pump will provide years of reliable service. This pump is designed be used with the fountain heads supplied and/or to provide waterflow to filters, waterfalls or water features. Your pump must always be immersed in fresh water before it is switched on.

General safety Instructions

Read and observe all of the instructions clearly before installing, connecting and operating the pump.

Make sure the pump is securely and correctly installed before switching on.

Always disconnect the pump when not in use and when carrying out maintenance.

Always disconnect all equipment in the pond before starting to handle, maintain, repair or install any pond equipment.

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.

For safety reasons, servicing or repair of this item should only be carried out by pondXpert.

Never hang or carry the pump by the power cord.

Do not operate the pump with a damaged cord or plug. The supply cord of the appliance cannot be replaced.

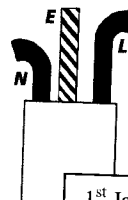
If the electrical cord is damaged the product should be scrapped.

Safety and Electrical Connections

This unit is designed for outdoor use only. It is waterproof and should be situated safely and securely on a level surface under the pond water. Take care to ensure that you can easily lift your pump out of the water for routine maintenance. If this is necessary do not pick your pump up by the electrical cable but by the main body/ cage of the pump.

The pump is electrically operated so great care must be taken during installation and operation. The following electrical and safety guidelines must be carefully followed.

Each pump is supplied with a 10 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 \oplus in most terminal connections)

1st 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 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.

Directions for use

Installation

Once installed the pond water will flow through the pump as the pump's impellor draws in water. Select a suitable location in the pond which provides a solid and level place to place the pump, standing on a block when necessary to avoid sediment / mud. Ensure pump body is located a minimum of 15cm below water level to avoid air getting into the motor. The final depth will usually be determined by the height required for the fountainhead which usually sits slightly proud of the water surface.

Your pump is supplied with a "standard" outlet for connection to pond hose. To change this fitting simply unscrew the adaptor anti-clockwise and replace it with the required fitting as supplied.

The pump is supplied with a selection of fountainheads and a "T-piece" with adjustable valves. The rotating valves are used to adjust the outlet flow to vary the height of the fountain and are also used to divert water through the T Piece to allow diversion of flow to a waterfall, filter or feature.

Maintenance

Keeping your pump clean will improve its function and prolong its life.

Occasionally the pump outer cage will get blocked with debris - where this occurs the cage should be thoroughly cleaned ensure outer cage 'slots' are clear.

A clogged or dirty intake will put a strain on the motor and greatly reduce its performance. If the area where the pump is stood is very dirty raising its position slightly will assist flow.

Troubleshooting

The main moving part of the pump is the impellor. If your pump stops working or becomes erratic then the impellor may have got jammed by debris. To check - switch electric off, lift pump out of water and see if the impellor turns freely. Sometimes a turn may be enough to remove grit that has got stuck. Switch back on and try again.

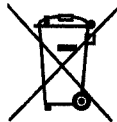
To access the impellor simply open the outer cage of the product to get access to the pump itself. To achieve this simply pop open the clip on the front of the cage.

At the front of the pump (opposite to where cable goes) there is a round dial (this is the impellor cover) simply twist anti-clockwise until cover is free of its mooring and then pull out to access the impellor.

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