

POND PUMPS

“Choosing a garden pond pump to suit your needs can be risky. However, with many years experience and a huge range to choose from you can rest assured that our team can find the right pump first time - All you have to do is ask...”

HOW TO USE OUR PUMP PERFORMANCE CHART

Our performance charts are designed to present to you the performance characteristics to help you choose the correct pump for your requirements.

Most importantly the figures given in the each table must be looked upon as a guide only. Local conditions e.g. voltage, fittings used, length & size of hose, dirty filters etc. can effect pump output dramatically. For this reason let us help advise you on the pump to best suit your requirements.

There are many considerations when purchasing a pond pump and you must first start by gathering together all the information you need.

SPECIFYING YOUR PUMP REQUIREMENT

First of all we must establish exactly what you require your pond pump to do. Look at where the pump will be sited and then ask:

- how high the pump must pump the water
- If a fountain is required—what dimensions are the fountain spray (height & spread).
- If a waterfall—what is the vertical height of the waterfall and what is the width of water required.
- where will the output hose run and what diameter hose can you accommodate.
- For filtration—what is the volume of water in your pond, how much sun does it receive and how many fish do you have.

The more information the better to

establish the correct pump you require.

WATERFALLS

The wider the waterfall the more flow of water is generally required. As a rule of thumb to give a continuous sheet of water 6” wide will require 300gph (or 1350lph) at the discharge point (i.e. 50gph (225lph) per 1” sheet of water)

FOUNTAINS

Differing fountain jets/patterns require more or less water to produce the desired effect. Choose the fountain and we will guide you to which pump is required. When a fountain and waterfall are operating simultaneously performance figures vary accordingly. For example a 3’ (approx 1m) head of fountain spray could reduce the overall output by 30%.

FILTRATION

A pump alone will not filter your pond. Filtration covers mechanical and biological methods to maintain the quality and clarity of the water in your pond. We have a wide range of mechanical and biological filters to do these tasks - please ask for details.

PUMP GUARANTEES

Pumps are guaranteed from date of purchase— a pump guarantee record will be completed at time of purchase. A pump purchase record and valid till

receipt are required for any claims under guarantee. Oase pumps listed with a guarantee of 3/5 years carry a 3 year guarantee extendable to 5 years by registering your purchase with the manufacturer.

MAINTENANCE

All pond pumps require regular maintenance to maintain performance and prolong life. Common pump enemies are limescale from hard water and blanketweed. Please ask and we will be happy to show you how to perform this routine operation.

GLOSSARY OF ABBREVIATIONS USED

GPH stands for *gallons per hour*.

LPH stands for *litres per hour*.

MAXIMUM OUTPUT this is measured at 0.0m head with no restrictions (i.e. utilising maximum diameter hose with no bends).

HEAD This is the vertical distance between the

water surface and to where the water is to be discharged. The higher the head the lower the output. The smaller the diameter the hose, the more bends, fittings and length of the hose—all cause restrictions on the pump output.

Pumps marked (#) are solid handling pumps with no foam pre-filter suitable for pond filtration and/or watercourses.

Please note that, whilst correct at time of printing, prices and specifications may be subject to change without notice.

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