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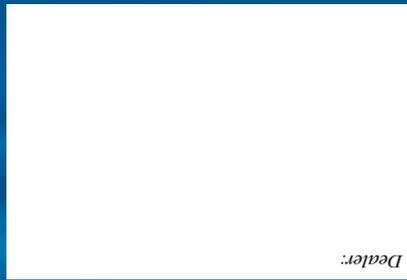
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for your nearest dealer.



Clearpond's Pondzyme+ Concentrate treats and controls algae and sludge in large domestic ponds, and on golf courses. Consisting of a natural enzyme formula, when used regularly Pondzyme+ Concentrate helps to maintain clear water and prevent further outbreaks of algae and sludge. It should be noted that the use of aeration equipment may be necessary for the product to work effectively. levels high enough for the product to work effectively. Depending on the condition of the lake, it can take several weeks for the water to clear, however once achieved clarity can be maintained by dosing a lake on a regular basis thereafter.

### Pondzyme+ Concentrate

### Clearpond Biosteps 10 Gravity Filter

The Clearpond BiOsteps 10 is a state-of-the-art high capacity mechanical and biological filter that we recommend for Koi ponds or heavily stocked fish ponds. Available with and without a built-in UV Clarifier, they are ideal for fish ponds up to 10,000L or Koi ponds up to 5,000L. The filter houses 8 separate panels of Clearpond Biomatt and foam filtration material foams of varying densities to create a massive 20m<sup>2</sup> of surface area designed to remove dirt and debris and encourage the growth of helpful bacteria.

Easy to install and maintain, the Clearpond BiOsteps 10 also features a built-in overflow for safety, a sloped bottom with sink and drain tap, and a modular design for easy expansion.

UVC Clarifier:	Optional 18 watt clarifier
Filter Dimensions:	580 x 730 x 500mm
Inlet hose tails supplied:	25, 32 & 38mm
Outlet:	55mm
Guarantee:	Filter - 2 years

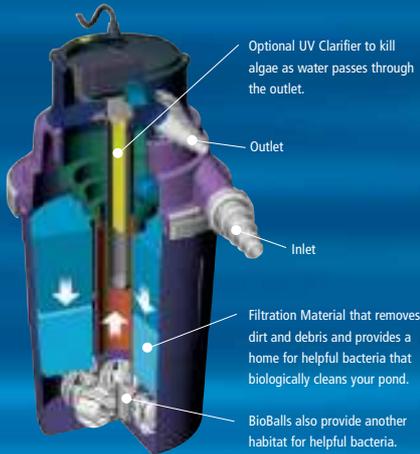


20m<sup>2</sup> of surface area collects dirt and debris and a home for millions of helpful bacteria. Also shown, the optional UV Clarifier.

## Water Cleaning

Your guide to a clean and healthy garden pond

### How a Filter Works



Most people think that a pond filter simply removes dirt from water. However clean looking water does not automatically mean healthy water. A good filter also provides a biological environment that deals with invisible toxins that can harm or even kill your fish.

#### Biological Filtration - a natural process:

While designs vary, the principle behind all biological filters is the same. They contain filter material through which the pond water is pumped 24 hours a day.

While this material removes debris and dirt from your pond (mechanical filtration), it can also develop a home for millions of helpful microscopic bacteria.

These bacteria break down harmful toxins like Ammonia (biological filtration) that are created when fish waste, excess food and decaying organic matter build up in the pond. The bacteria first convert these

toxins into Nitrite and then into relatively harmless Nitrate which is absorbed by plants.

Establishing these helpful bacterial in your new filter can take some time, however the process can be kick-started by adding either Clearpond's Powder Bacteria or Liquid Biosstarter.



#### BIOLOGICAL FILTER

There are two basic types of biological filter. Both must be matched to the right pump and your choice of filter system will ultimately dictate its position in your water garden.

#### Gravity Filters

Because these filters use gravity to return water to the pond, the filter outlet must be higher than the pond's water surface level. We recommend gravity filters for heavily stocked fish ponds and Koi ponds.

#### Pressurised Filters

Pressurised Filters are sealed and can therefore be located above or below the pond's water surface level. As a result, they are much easier to conceal and can even be hidden almost entirely by burying the unit partly underground.

## Clearpond Clarity Pressurised Filters



Because they can be positioned above or below the pond water level, Clearpond Clarity Pressurised Filters are ideal for ponds with waterfalls or streams.

Equipped with an optional UV Clarifier, Clarity filters are very efficient and require only minimal cleaning and maintenance.

All Clarity Pressurised filters come with a 1 year guarantee.



Model Number and Type	Filter Volume	U.V Wattage (if fitted)	Maximum recommended pressure to filter	Maximum recommended flowrate through filter	Maximum filtration capacity (Litres) Decorative Pond with no fish.	Maximum filtration capacity (Litres) Pond with fish. (IMPORTANT: See Note 2 below)
Clarity 2500 Clarity 2500 UVC	8 Litres 8 Litres	N/A 9	0.35 bar 0.35 bar	2000 Lph 2000 Lph	1250 L 2500 L	625 L 1250 L
Clarity 4000 Clarity 4000 UVC	11 Litres 11 Litres	N/A 9	0.35 bar 0.35 bar	2500 Lph 2500 Lph	2000 L 4000 L	1000 L 2000 L
Clarity 8000 Clarity 8000 UVC	25 Litres 25 Litres	N/A 9	0.35 bar 0.35 bar	3000 Lph 3000 Lph	4000 L 8000 L	2000 L 4000 L
Clarity 12000 Clarity 12000 UVC	40 Litres 40 Litres	N/A 24	0.35 bar 0.35 bar	4500 Lph 4500 Lph	6000 L 12000 L	3000 L 6000 L
Clarity 15000 Clarity 15000 UVC	50 Litres 50 Litres	N/A 24	0.35 bar 0.35 bar	8000 Lph 8000 Lph	7500 L 15000 L	3750 L 7500 L

- IMPORTANT NOTE:**
1. Clearpond Clarity Filters are not designed for use with high-pressure pumps such as pool or sump pumps.
  2. For Koi ponds, the maximum filtration capacity (Litres) is 50% of that shown above for a pond with fish.



### In-Pond BIOMatt Tray Filters:

A simple to maintain filter that's ideally suited to ponds up to 1000L with flow rates up to 4000Lph. A durable UV stabilized tray houses two grades of biomatt for efficient mechanical and biological filtration with Zeolite for the absorption of harmful ammonia.

Fittings: Barbed fitting for 25mm hose

Size: 350mm x 300mm x 160mm deep

## Clearpond Submersible Pump Pre-filters

Submersible pump pre-filters can help to prevent unnecessary damage to your pump and keep ponds sparkling clean.

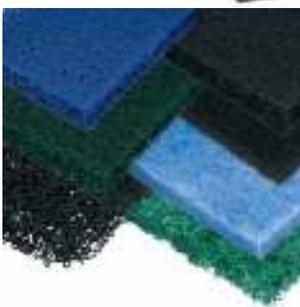


**BIOtube Pre-filters:** Superior and longer lasting than foam, the Clearpond range of BIOtube filters is available in varying diameters and sizes to fit all manner of makes of submersible pond pump.

**Foam Pre-Filters:** Clearpond's economical range of Foam Filters come in a wide range of sizes and are suited to all manner of pumps and applications.



**Bulk Filtration Media** Whether it's for a large domestic pond or a commercial filtration application, the wide range of Clearpond Bulk Filtration Media offers all you need and includes: BIOMatt, Filter polishing Mat and Aquatic Foam Sheets.



## Electrical Algae Control Units



Best used in conjunction with a biological filter, Electrical Algae Control units can help to treat and prevent algae outbreaks. There are two main types of Electronic Algae Control Unit.

**Clearpond Everclear UV Clarifier** Harmless to both fish and plants, UV Clarifiers use ultra violet light to kill and prevent the formation of algae in pond water and feature an automatic UV-C Lamp cut-out switch for extra safety.



**Clearpond AlgaeGuard String Algae Controllers** Electronic String Algae Controllers destroy string algae and slime using a process of mineralisation.

Ideal for use with water features to prevent slime and algae building up on the surface of feature.

## Clearpond Water Treatments

The Clearpond range of water treatments is designed to help you get the best out of your pond or water feature.



**Pondstart:** Quickly removes chlorine and chloramines from tap water and ideal for the establishment of new ponds and when water changes are required.

**Crystal Lagoon:** Clears cloudy water for a crystal clear pond. Best used in conjunction with a biological filter.

**Biostarter:** Delivers millions of beneficial bacteria for the fast start-up of a new biological filter or to give a boost to an existing filtration system.

**Ph Down:** A 'fish-friendly' Ph reducer for all garden ponds & aquariums.

**Feature Clean:** No more slime on fountains! This specially formulated treatment is essential for the control of algae & string algae on water features (Must not be used in ponds with fish or aquatic plants).

**Pond Tabs:** Algae containment blocks for use in small ornamental ponds and water features.

**Pondzyme:** A special enzyme based formula that removes harmful sludge from the bottom of ponds. Also consumes dead algae after treating ponds with algae control products.

**Pond Clean (not shown):** Treats and prevents algae from reappearing. When used as directed, Pond Clean will not affect pond plants or fish.

