

**Thank you for purchasing a PondXpert EasyPond System, all you need to create a filtration system for your pond.**

### **Pond Filtration System – Set Up Guide**

- 1) The pump is submerged under the water.
- 2) The pump pushes water via a hose to the filter inlet.
- 3) The filter then cleans the water.
- 4) The clean water then exits the filter outlet.
- 5) Water returns to the pond under pressure.

This filtration cycle continuously keeps the pond water clean, oxygenated, and healthy.

### **Current EasyPond Sets**

Pump and Filter Set	Pump	Filter	Hose and Clips
EasyPond 2000	<a href="#">PondXpert MightyMite 2000</a>	<a href="#">PondXpert EasyFilter 4500</a>	25mm x 5m Hose 4x 25mm Clips
EasyPond 3000	<a href="#">PondXpert MightyMite 2500</a>	<a href="#">PondXpert EasyFilter 4500</a>	
EasyPond 4500	<a href="#">PondXpert MightyMite 3000</a>	<a href="#">PondXpert EasyFilter 4500</a>	
EasyPond 7000	<a href="#">PondXpert FlowMaster 3500</a>	<a href="#">PondXpert EasyFilter 9000</a>	
EasyPond 8000	<a href="#">PondXpert FlowMaster 4500</a>	<a href="#">PondXpert EasyFilter 9000</a>	
EasyPond 9000	<a href="#">PondXpert Ultraflow 6000</a>	<a href="#">PondXpert EasyFilter 9000</a>	
EasyPond 10000	<a href="#">PondXpert Ultraflow 6000</a>	<a href="#">PondXpert EasyFilter 12000</a>	
EasyPond 12000	<a href="#">PondXpert Ultraflow 8000</a>	<a href="#">PondXpert EasyFilter 12000</a>	32mm x 5m Hose 4x 32mm Clips
EasyPond 20000	<a href="#">PondXpert Ultraflow 12000</a>	<a href="#">PondXpert EasyFilter 20000</a>	
EasyPond 30000	<a href="#">PondXpert Ultraflow 16000</a>	<a href="#">PondXpert EasyFilter 30000</a>	

## Pump Set Up

Both pumps provided are extremely easy to set up, as they are already complete when you receive the units. The only jobs you will need to complete are to connect the filter to your electricity supply and connect the hosetails.

**Please note:** None of our pumps or filters are supplied with plugs. This is due to the UK building regulations. Please see our [blog post](#) for more information. **Special care must be taken during electrical installation, and we always recommend that our customers consult a qualified electrician for assistance.**

### PondXpert MightyMite / / FlowMaster / Ultraflow Pump Notes

These pumps are filter pumps designed to push dirty water to a filter. The MightyMite and Ultraflow pumps cannot run a fountain, whereas the FlowMaster pumps can.

#### ***PondXpert MightyMite Pumps***

The MightyMite pump will be supplied with several different sized hosetails. Simply identify the correct hosetail for the hose you are using and attach the hosetail onto the Pump's casing. You can then connect the hose onto the hosetail and fasten it with a hose clip. This can then be connected to the filter at the other end of the hose.



PondXpert MightyMite

#### ***PondXpert FlowMaster Pumps***

The FlowMaster 3500 and 4500 is provided with a secondary strainer cage attached. This provides a filter/guard to prevent debris from entering the pump unit; this sits in front of your pump's impellor.

It is important that this secondary cage should be affixed whilst using the fountain attachment as this will prevent small particles from entering the pump and clogging up the fountainhead.

The fountain attachment is not an essential fitment unless you intend to have a fountain running and most of our customers use this pump for filtering only. In this case you should follow the instructions below:

- Unscrew the screw to the lower rear of the pump; this holds the single cage fitment.
- Depress the four retaining clips to the outer of the pump and this will allow you to separate the outer pump housing and allow access to the pump.
- Simply twist and pull the mesh cage off the front of the pump (and store for safekeeping).
- Once you have removed the pump housing clip the cage lid back into position and secure with the housing screw.
- To continue with the setup of the pump please fit the supplied multi-stage hosetail (ensuring rubber washer is pushed into the thread).
- This can then be cut down to fit the relevant hose size, i.e., 25x32 or 40mm.



PondXpert FlowMaster

Shown below are the un-caged pump and the strainer piece to be removed.



Fig 1. FlowMaster uncaged pump showing secondary filter cage in position



Fig 2. Strainer unclipped.

### Using the FlowMaster to power a fountain AND filter

If you wish to use both functions of the FlowMaster pump simultaneously you will need to set up in preparation for both.

The fountain kit is supplied in this box and can be set up first as per the instructions. Once assembled the fountain can be threaded to the outlet marked to the pump cage. A selection of fountain heads are provided to create a range of effects and can be changed at will.

To enable the pump to flow to a filter there also needs to be a flexible hose attached to the 25mm outlet positioned on the side of the T' piece. The flow regulator to the side of this T' piece allows you to adjust the flow to the fountain piece and/or the main pump unit to allow filtration.

### ***PondXpert Ultraflow Pumps***

Simply screw the supplied stepped hosetail onto the outlet as seen on the image to the right. You can then connect the pond hose over the hosetail and fasten it down with a hose clip. This can then be connected to the filter at the other end of the hose.



**Please Note:** The Ultraflow pumps are supplied with an 'alternative inlet'. This is only to be used if you are drawing water from a skimmer. In all other situations, use the inlet guard to block off part of the strainer cage. Only use the hosetail that has the large blue nut holding it onto the cage. **The normal outlet and alternative inlet cannot be used at the same time.**

### **Hose clips prevent leaks**

It is seen as an essential within the pond world that hose clips are used. This is to prevent any leakages caused by the pressure of the water flow in the hose when the pump is switched on and provide a watertight seal. The hose clips are supplied with the EasyPond Plus kits.

### **Performance Tips:**

It is considered good practice to raise the pump between 1-2" from the bottom of the pond. This will help improve the efficiency of the pump by preventing blockages and maximising water flow.

For maximum flow performance (reduced friction loss) it is recommended that the lowest unused section of all pump and filter hositails be removed if possible.

## PondXpert EasyFilter Set Up

The pressurised filters provided are extremely easy to set up, as they are already complete when you receive the units. The only jobs you will need to complete are to connect the filter to your electricity supply and connect the hoses.

The filter supplied is a pressurised box unit which can be placed away from the pond and the outlet can be directed to a feature, waterfall or straight back into the pond. The EasyFilter's provide UV, media and biological filtration which allow the water drawn in from the pump to be separated from any debris; therefore, providing cleaner water back into the pond.

**Please note:** None of our pumps or filters are supplied with plugs. This is due to the UK building regulations. Please see our [blog post](#) for more information. **Special care must be taken during electrical installation, and we always recommend that our customers consult a qualified electrician for assistance.**

### EasyFilter Set Up

- 1) The hose attached to the pump outlet needs to be connected to the filter inlet hose tail.
- 2) The waste filter outlet should be attached to a hose which is positioned to a flower bed or drain as this will drain away dirty water during a back flush (quick interval cleaning).
- 3) The last hose tail; the outlet allows the cleaned water to re-enter the pond. This can either be straight to the main pond via a hose or a waterfall.

### Performance Tips:

**Please Note:** It is often best to use the same size outlet as the inlet. For example, if the inlet pipe is 25mm, it is best to use 25mm on the outlet as well.

For maximum flow performance (reduced friction loss) it is recommended that the lowest unused section of all pump and filter hose tails be removed if possible. It is also good practice to tip box filters forward slightly, by raising the inlet side. This can improve filtration.



PondXpert EasyFilter 4500  
- 12000

### Setting Up

The hose tails supplied need to be fitted securely to the screw fittings to the front of the filter unit.

(1) The outlet valve allows the returning clean water to enter the pond from the filter.

(2) The inlet valve requires the hose to be connected from the pond pump.

(3) The dirty water valve allows the water that is accumulated during the cleaning process to be directed away from the filter.

Please note that it is important to follow the instructions as to which pipe to fit to each hose tail as they enable the filter to perform different jobs.



PondXpert EasyFilter 4500 – 12000 Hose Tail Configuration



PondXpert EasyFilter  
20000 - 30000

## Pump Spare Parts

Please see below for a full list of spare parts for each Pump provided across the EasyPond range. A comprehensive list of our spares can be viewed through our [Spares Page](#).

PondXpert MightyMite Pumps	Spare	Product Code
	<a href="#">PondXpert MightyMite 2000 Impeller</a>	SP-PXMM2000IMP
	<a href="#">PondXpert MightyMite 2500 Impeller</a>	SP-PXMM2500IMP
	<a href="#">PondXpert MightyMite 3000 Impeller</a>	SP-PXMM3000IMP
	<a href="#">PondXpert MightyMite Hosetail Set</a>	SP-PXMM25HSTAIL
PondXpert FlowMaster Pumps	Spare	Product Code
	<a href="#">PondXpert FlowMaster 3500 Impeller</a>	SP-PXFM03500-IMP
	<a href="#">PondXpert FlowMaster 4500 Impeller</a>	SP-PXFM04500-IMP
	<a href="#">PondXpert FlowMaster Fountain Attachments</a>	SP-PXFM-FOUNSET
	<a href="#">PondXpert FlowMaster Secondary Strainer Cage</a>	SP-PXFM-SSTRAINER
PondXpert Ultraflow Pumps	Spare	Product Code
	<a href="#">PondXpert Ultraflow 6000 Impeller</a>	SP-UF6000IMP
	<a href="#">PondXpert Ultraflow 8000 Impeller</a>	SP-UF8000IMP
	<a href="#">PondXpert Ultraflow 12000 Impeller</a>	SP-UF12000IMP
	<a href="#">PondXpert Ultraflow 16000 Impeller</a>	SP-UF16000IMP
	<a href="#">PondXpert Ultraflow 3000-6000 Hosetail Set</a>	SP-PXUFHSTAIL36
	<a href="#">PondXpert Ultraflow 8000-16000 Hosetail Set</a>	SP-PXUFHSTAIL10-16
	<a href="#">PondXpert Ultraflow Inlet Guard</a>	SP-PXULBLANKCAP
	<a href="#">PondXpert Ultraflow Cage 3000-8000</a>	SP-PXULCAGE

## Filter Spare Parts

Please see below for a full list of spare parts for each Filter provided across the EasyPond range. A comprehensive list of our spares can be viewed through our [Spares Page](#).

	Spare	Product Code
PondXpert EasyFilter 4500	<a href="#">7w Single-Ended UVC Bulb</a>	UVCBL007SB
	<a href="#">PondXpert EasyFilter 4500 Foams</a>	SP-PXEF04500-FOAM
	<a href="#">PondXpert EasyFilter 4500 Ballast</a>	SP-PXEF04500-BAL
	<a href="#">PondXpert EasyFilter 4500 Quartz Sleeve</a>	SP-PXEF04500-QZ
	<a href="#">PondXpert EasyFilter 4500 Quartz Sleeve Cover</a>	SP-PXEF45QUARTZCOVER
	<a href="#">PondXpert EasyFilter 4500 Lid Clips (x5)</a>	SP-PXEF04500-CLAMP
	<a href="#">PondXpert EasyFilter 4500 Hosetails (Set of 3)</a>	SP-PXEF04500-HZT
	<a href="#">PondXpert EasyFilter 4500 Lid &amp; UVC</a>	SP-PXEF04500-LID
	<a href="#">PondXpert EasyFilter 4500 Lid O-Ring</a>	SP-PXEF04500-OR
	<a href="#">PondXpert EasyFilter 4500 Grey Rocker</a>	SP-PXEF04500-ROCK
	<a href="#">PondXpert EasyFilter 4500 Tub</a>	SP-PXEF04500-TUB
	<a href="#">PondXpert EasyFilter 4500 Dome Cover</a>	SP-PXEF4500DOME
	<a href="#">PondXpert EasyFilter 4500 UVC O-Rings</a>	SP-PXEF4500UVCORING
	PondXpert EasyFilter 9000	<a href="#">9w Single-Ended UVC Bulb</a>
<a href="#">PondXpert EasyFilter 9000 Ballast</a>		SP-PXEF09000-BAL
<a href="#">PondXpert EasyFilter 9000 Quartz Sleeve Cover</a>		SP-PXEF9QUARTZCOVER
<a href="#">PondXpert EasyFilter 9000 Quartz Sleeve</a>		SP-PXEF09000-QZ
<a href="#">PondXpert EasyFilter 9000 Tub</a>		SP-PXEF09000-TUB
<a href="#">PondXpert EasyFilter 9000 O-Ring Set</a>		SP-PXEF9000ORING
<a href="#">PondXpert EasyFilter 9000 Lid &amp; UVC</a>		SP-PXEF09000-LID
PondXpert EasyFilter 12000	<a href="#">11w Single-Ended UVC Bulb</a>	UVCBL011SB
	<a href="#">PondXpert EasyFilter 12000 Ballast</a>	SP-PXEF12000-BAL
	<a href="#">PondXpert EasyFilter 12000 Quartz Sleeve Cover</a>	SP-PXEF12QUARTZCOVER
	<a href="#">PondXpert EasyFilter 12000 Quartz Sleeve</a>	SP-PXEF12000-QZ
	<a href="#">PondXpert EasyFilter 12000 Tub</a>	SP-PXEF12000-TUB
	<a href="#">PondXpert EasyFilter 12000 O-Ring Set</a>	SP-PXEF12000ORING
	<a href="#">PondXpert EasyFilter 12000 Lid &amp; UVC</a>	SP-PXEF12000-LID
PondXpert EasyFilter 9/12000	<a href="#">PondXpert EasyFilter 9/12000 Foams (Set of 3)</a>	SP-PXEFMEDIUM-FOAM
	<a href="#">PondXpert EasyFilter 9/12000 Lid Clamp</a>	SP-PXEF09000-CLAMP
	<a href="#">PondXpert EasyFilter 9/12000 Hosetails (Set of 3)</a>	SP-PXEF9-12000-HZT
	<a href="#">PondXpert EasyFilter 9/12000 Grey Rocker</a>	SP-PXEF9/12-ROCK
	<a href="#">PondXpert EasyFilter 9/12000 Base Plate</a>	SP-PXEF9/1200BASEPLATE
PondXpert EasyFilter 20000	<a href="#">18w Single-Ended UVC Bulb</a>	UVCBL018SB
	<a href="#">24w Single-Ended UVC Bulb</a>	UVCBL024SB
PondXpert EasyFilter 20/30000	<a href="#">PondXpert EasyFilter 20/30000 Quartz Sleeve</a>	SP-PXPF30000-QZ
	<a href="#">PondXpert EasyFilter 20/30000 Quartz Sleeve Cover</a>	SP-PXEF30QUARTZCOVER
	<a href="#">PondXpert EasyFilter 20/30000 Ballast</a>	SP-PXEF30000-BAL
	<a href="#">PondXpert EasyFilter 20/30000 Foams (Set of 2)</a>	SP-PXEFLARGE-FOAM
	<a href="#">PondXpert EasyFilter 20/30000 O-Ring Set</a>	SP-PXEF30000ORING
	<a href="#">PondXpert EasyFilter 20/30000 Tub</a>	SP-PXEFLARGE-TUB

PondXpert EasyFilter 20/30000	<a href="#">PondXpert EasyFilter 20/30000 Base Plate</a>	SP-PXEF30000BASEPLATE
	<a href="#">PondXpert EasyFilter 20/30000 Hosetails (Set of 3)</a>	SP-PXEFLARGE-HZT
	<a href="#">PondXpert EasyFilter 20/30000 Blank Cap</a>	SP-PXEFLARGE-BLK
	<a href="#">PondXpert EasyFilter 20/30000 Lid Clamp</a>	SP-PXEFLARGE-CLAMP
	<a href="#">PondXpert EasyFilter 20/30000 Lid &amp; UVC</a>	SP-PXEFLARGE-LID