

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	PondXpert MightyMite 2000	PondXpert EasyFilter 4500	25mm x 5m Hose 4x 25mm Clips
EasyPond 3000	PondXpert MightyMite 2500	PondXpert EasyFilter 4500	
EasyPond 4500	PondXpert MightyMite 3000	PondXpert EasyFilter 4500	
EasyPond 7000	PondXpert FlowMaster 3500	PondXpert EasyFilter 9000	
EasyPond 8000	PondXpert FlowMaster 4500	PondXpert EasyFilter 9000	
EasyPond 9000	PondXpert Ultraflow 6000	PondXpert EasyFilter 9000	
EasyPond 10000	PondXpert Ultraflow 6000	PondXpert EasyFilter 12000	
EasyPond 12000	PondXpert Ultraflow 8000	PondXpert EasyFilter 12000	32mm x 5m Hose 4x 32mm Clips
EasyPond 20000	PondXpert Ultraflow 12000	PondXpert EasyFilter 20000	
EasyPond 30000	PondXpert Ultraflow 16000	PondXpert EasyFilter 30000	

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



PondXpert UltraFlow

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 hoesetail 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 hoesetails 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

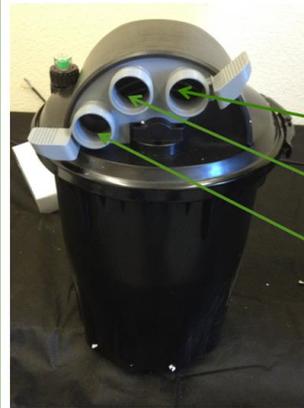
The hose-tails supplied need to be fitted securely to the screw fittings to the front of the filter unit.

(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](#).

	Spare	Product Code
PondXpert MightyMite Pumps	PondXpert MightyMite 2000 Impeller	SP-PXMM2000IMP
	PondXpert MightyMite 2500 Impeller	SP-PXMM2500IMP
	PondXpert MightyMite 3000 Impeller	SP-PXMM3000IMP
	PondXpert MightyMite Hosetail Set	SP-PXMM25HSTAIL
	Spare	Product Code
PondXpert FlowMaster Pumps	PondXpert FlowMaster 3500 Impeller	SP-PXFM03500-IMP
	PondXpert FlowMaster 4500 Impeller	SP-PXFM04500-IMP
	PondXpert FlowMaster Fountain Attachments	SP-PXFM-FOUNSET
	PondXpert FlowMaster Secondary Strainer Cage	SP-PXFM-SSTRAINER
	Spare	Product Code
PondXpert Ultraflow Pumps	PondXpert Ultraflow 6000 Impeller	SP-UF6000IMP
	PondXpert Ultraflow 8000 Impeller	SP-UF8000IMP
	PondXpert Ultraflow 12000 Impeller	SP-UF12000IMP
	PondXpert Ultraflow 16000 Impeller	SP-UF16000IMP
	PondXpert Ultraflow 3000-6000 Hosetail Set	SP-PXUFHSTAIL36
	PondXpert Ultraflow 8000-16000 Hosetail Set	SP-PXUFHSTAIL10-16
	PondXpert Ultraflow Inlet Guard	SP-PXULBLANKCAP
	PondXpert Ultraflow Cage 3000-8000	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	7w Single-Ended UVC Bulb	UVCBL007SB
	PondXpert EasyFilter 4500 Foams	SP-PXEF04500-FOAM
	PondXpert EasyFilter 4500 Ballast	SP-PXEF04500-BAL
	PondXpert EasyFilter 4500 Quartz Sleeve	SP-PXEF04500-QZ
	PondXpert EasyFilter 4500 Quartz Sleeve Cover	SP-PXEF45QUARTZCOVER
	PondXpert EasyFilter 4500 Lid Clips (x5)	SP-PXEF04500-CLAMP
	PondXpert EasyFilter 4500 Hosetails (Set of 3)	SP-PXEF04500-HZT
	PondXpert EasyFilter 4500 Lid & UVC	SP-PXEF04500-LID
	PondXpert EasyFilter 4500 Lid O-Ring	SP-PXEF04500-OR
	PondXpert EasyFilter 4500 Grey Rocker	SP-PXEF04500-ROCK
	PondXpert EasyFilter 4500 Tub	SP-PXEF04500-TUB
	PondXpert EasyFilter 4500 Dome Cover	SP-PXEF4500DOME
	PondXpert EasyFilter 4500 UVC O-Rings	SP-PXEF4500UVCORING
	PondXpert EasyFilter 9000	9w Single-Ended UVC Bulb
PondXpert EasyFilter 9000 Ballast		SP-PXEF09000-BAL
PondXpert EasyFilter 9000 Quartz Sleeve Cover		SP-PXEF9QUARTZCOVER
PondXpert EasyFilter 9000 Quartz Sleeve		SP-PXEF09000-QZ
PondXpert EasyFilter 9000 Tub		SP-PXEF09000-TUB
PondXpert EasyFilter 9000 O-Ring Set		SP-PXEF9000ORING
PondXpert EasyFilter 9000 Lid & UVC		SP-PXEF09000-LID
PondXpert EasyFilter 12000	11w Single-Ended UVC Bulb	UVCBL011SB
	PondXpert EasyFilter 12000 Ballast	SP-PXEF12000-BAL
	PondXpert EasyFilter 12000 Quartz Sleeve Cover	SP-PXEF12QUARTZCOVER
	PondXpert EasyFilter 12000 Quartz Sleeve	SP-PXEF12000-QZ
	PondXpert EasyFilter 12000 Tub	SP-PXEF12000-TUB
	PondXpert EasyFilter 12000 O-Ring Set	SP-PXEF12000ORING
	PondXpert EasyFilter 12000 Lid & UVC	SP-PXEF12000-LID
PondXpert EasyFilter 9/12000	PondXpert EasyFilter 9/12000 Foams (Set of 3)	SP-PXEFMEDIUM-FOAM
	PondXpert EasyFilter 9/12000 Lid Clamp	SP-PXEF09000-CLAMP
	PondXpert EasyFilter 9/12000 Hosetails (Set of 3)	SP-PXEF9-12000-HZT
	PondXpert EasyFilter 9/12000 Grey Rocker	SP-PXEF9/12-ROCK
	PondXpert EasyFilter 9/12000 Base Plate	SP-PXEF9/1200BASEPLATE
PondXpert EasyFilter 20000	18w Single-Ended UVC Bulb	UVCBL018SB
	24w Single-Ended UVC Bulb	UVCBL024SB
PondXpert EasyFilter 20/30000	PondXpert EasyFilter 20/30000 Quartz Sleeve	SP-PXPF30000-QZ
	PondXpert EasyFilter 20/30000 Quartz Sleeve Cover	SP-PXEF30QUARTZCOVER
	PondXpert EasyFilter 20/30000 Ballast	SP-PXEF30000-BAL
	PondXpert EasyFilter 20/30000 Foams (Set of 2)	SP-PXEFLARGE-FOAM
	PondXpert EasyFilter 20/30000 O-Ring Set	SP-PXEF30000ORING
	PondXpert EasyFilter 20/30000 Tub	SP-PXEFLARGE-TUB

PondXpert EasyFilter 20/30000	PondXpert EasyFilter 20/30000 Base Plate	SP-PXEF30000BASEPLATE
	PondXpert EasyFilter 20/30000 Hosetails (Set of 3)	SP-PXEFLARGE-HZT
	PondXpert EasyFilter 20/30000 Blank Cap	SP-PXEFLARGE-BLK
	PondXpert EasyFilter 20/30000 Lid Clamp	SP-PXEFLARGE-CLAMP
	PondXpert EasyFilter 20/30000 Lid & UVC	SP-PXEFLARGE-LID