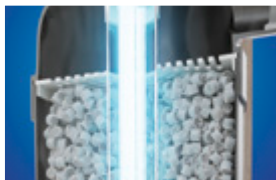# EVOLUTION AQUA

INNOVATION IN WATER

EVOLUTION AQUA
INNOVATION IN WATER

Try It Now

Scan QR Code To Start
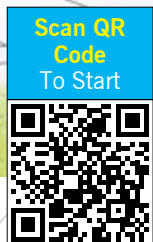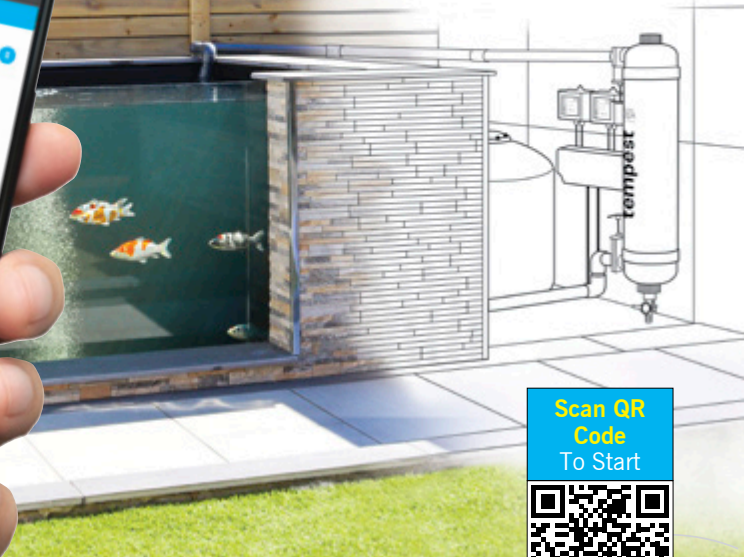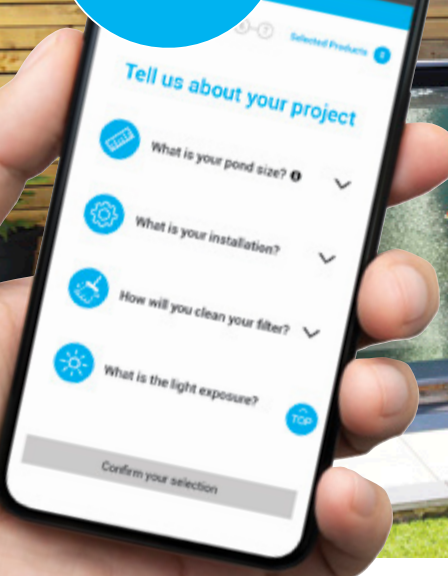
ProductSelector
Online pond filtration system builder

Simply tell us about your pond and our easy-to-use Pond Product Selector tool will select the most appropriate Evolution Aqua filtration products for your project.

Whether you're planning to build a new pond or are looking to upgrade an existing one, let Evolution Aqua help you every step of the way.

surge · **K+AdvancedFilter** · **nexus+** · **eazypod** · **tempest** · **cetussieve** · **evoUV** · **varipump** · **airpumps**

AirClean
TECHNOLOGY

What is Evolution Aqua Air Clean Technology?

Evolution Aqua filters with Air Clean Technology use open cell media and air to clean the filter providing a low-energy and cost effective solution.

Sponges, brushes and other similar filter media break down over time and are costly to replace. Our open cell media improves over time and never needs replacing offering a significant saving over the lifetime of the filter.

When it comes to maintenance, screens, sponges and brushes frequently clog up requiring messy and time-consuming cleaning.

With the Air Clean Technology cleaning your filter is quick, easy and creates no mess, so you get to keep your hands clean.

Our Evolution Aqua filters with Air Clean Technology don't have any moving parts so they are more reliable and virtually maintenance-free.

Save Money · **Save Energy** · **Save Time**

CONTENTS

surge

Innovative Pond Filter with UVC

- Ideal for Koi ponds **up to 5,000 Litres**, (1,100 Gallons, 1,320 US Gallons)
- Patented **Air Clean Technology** for **easy cleaning**
- **Simply** turn valves to clean - **no foams** or **sponges**
- Enhanced filtration with **K+Media** to trap fine particles
- Comes complete with integrated **18 Watt UVC**
- **Easy to install** with mounting brackets included
- **Simple to set-up** - ready for pump-fed systems
- **Ball valves**, **hosetails** and **clear drain hose** included

SAVE TIME & MONEY

KEEP HANDS DRY

WITH 18W UVC

AirClean TECHNOLOGY

SCAN QR CODE
To Learn More

Model	Optimum Flow Rate	Maximum Flow Rate	Volume Of Water In Filter	K+Media Supplied	Inlet Size	Outlet Size	Waste Hosetail Size
surge	2,500 lph 550 gph 660 US gph	3,500 lph 770 gph 925 US gph	19 litres 4.2 gallons 5 US gallons	4.5 litres	¾", 1", 1¼" (20mm, 25mm, 32mm)	¾", 1", 1¼" (20mm, 25mm, 32mm)	1" (25mm)
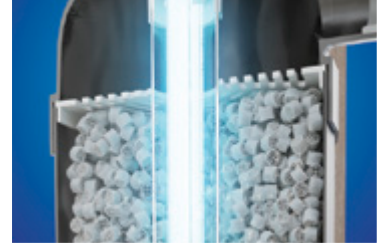
How it works?

As pond water is pumped up through the Surge Filter the K+Media becomes a mechanical barrier that traps debris as it flows through. Waste particles remain trapped within the K+Media until they are dislodged and flushed away during the patented Air Clean Technology cleaning process.

18 Watt UVC

The built-in UV Clarifier helps to get rid of green water. The ballast powering the 18 Watt PL-L bulb is simple to wire into the mains electrical power supply.

Simple To Set-Up

Ball valves and stepped hosetails are supplied for simple connection to flexible hose. Clear hose is provided to see the waste water drain away.

Easy To Install

Compact design is perfect for when space is limited. Mounting brackets are included for secure installation.

OUTLET

INLET

Installation

RETURN (e.g. via waterfall)

OUTLET

INLET

DRAIN
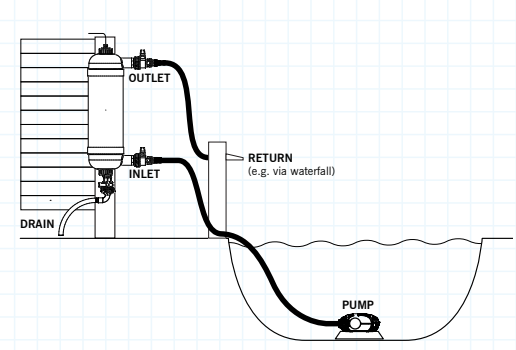
PUMP

How it cleans?

Air Clean Technology uses K+Media and air to clean the filter providing a low energy and cost-effective solution. With the pump off, ball valves closed, and waste valve open, air is drawn into the filter. As air and water mix inside the filter, the media starts to move chaotically, dislodging the trapped waste.

Save Money & Time

K+Media never needs replacing and it improves over time, saving you money. The Surge Filter doesn't need to be cleaned as often as sponge or foam filters, saving you time.

Turn To Clean

Simply turn the valves for quick and easy cleaning. With no filter sponges or foams, there's no mess, so you get to keep your hands clean and dry.

Reliable

The Surge Filter, with Air Clean Technology, doesn't have any moving parts, so it is reliable and virtually maintenance-free.

AIR

WASTE

Dimensions

925mm (36.42")

808mm (31.81")

558mm (21.97")

229mm (9.02")

335mm (13.19")

450mm (17.72")

114mm (4.49")

11.6mm (0.45")

218mm (8.58")

MANUFACTURED IN THE UK

www.evolutionaqua.com
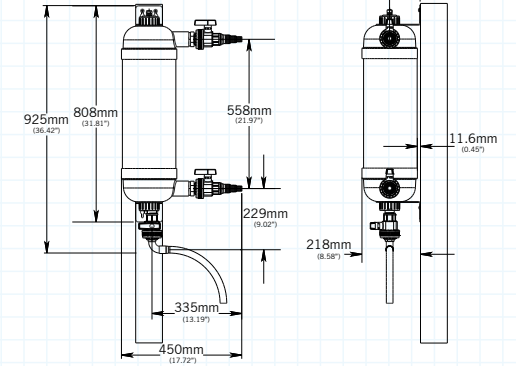
SELF-CLEANING FILTER

eazy**pod**™

|||||||| AUTOMATIC ||||||||

The Self-Cleaning Filter For Ponds

- **Mechanical**, **biological** and **UV** filtration
- **Automatic cleaning -** even when you're not there
- **Simple** to install, **easy** to maintain
- **Integrated air pump** built into control box
- Supplied with **18 litres of K1 Micro**
- 620mm (w) x 655mm (h) x 740mm (d)
- Available **with** or **without UV**
- Spec in **Granite Green** or **Grey** colour

AirClean
TECHNOLOGY

INLET
(Water enters from the pond and flows around the outer chamber)

WASTE
(Automated ball valve sends water to waste automatically)

OUTLET
(Water returns to the pond via centre return pipe)

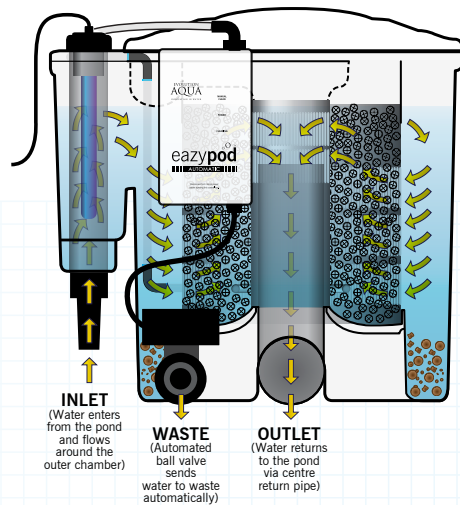| Model	Max. Pond Size	Max. Feed Rate	Volume Of Water In Filter	Recommended Flow Rate	Air Pump	UV-C Bulb
eazy**pod** AUTOMATIC	10,000 litres 2,200 gallons 2,640 US gallons	100 - 125g per day	80 litres 18 gallons 21 US gallons	5,000 lph 1,100 gph 1,320 US gph	Built-In Inside Control Box	x
eazy**pod**uv AUTOMATIC	10,000 litres 2,200 gallons 2,640 US gallons	100 - 125g per day	80 litres 18 gallons 21 US gallons	5,000 lph 1,100 gph 1,320 US gph	Built-In Inside Control Box	18 W PL-L

Cleans When You're Not There

Tired of cleaning your pond filter? Fed-up with washing filter brushes and squeezing filter sponges over and over again, in all weathers? The EazyPod Automatic is the **solution**.

The EazyPod Automatic, with Air Clean Technology, is a **self-cleaning**, **mechanical** and **biological** filter system for garden ponds up to 10,000 litres.

The integrated **control box** contains an adjustable timer which initiates a **cleaning cycle automatically** - meaning your filter will clean itself **even when you're not there**!

Inside the control box, the electronic connector blocks control the **automated waste valve**, along with your choice of circulating pump (not supplied). It even houses an **integral air pump** which kicks in automatically to clean the **18 litres of K1 Micro media**.

Crystal clear, healthy water is achieved by **K1 Micro** filter media, which also provides enhanced biological benefits by way of its protected surface area.

The Eazypod UV Automatic features an integrated **18 Watt UVC** built in to the inlet section of the filter, helping to clear green water.

INLET
hosetail

3" (90mm) or 4" (110mm) pipe

Return to pond

POND

1½" pipe

Pump Raised 12" off ground

Diagram shows an example of a pump fed installation

eazy**pod**™

|||||||| AUTOMATIC |||||||| **Dimensions** (mm)
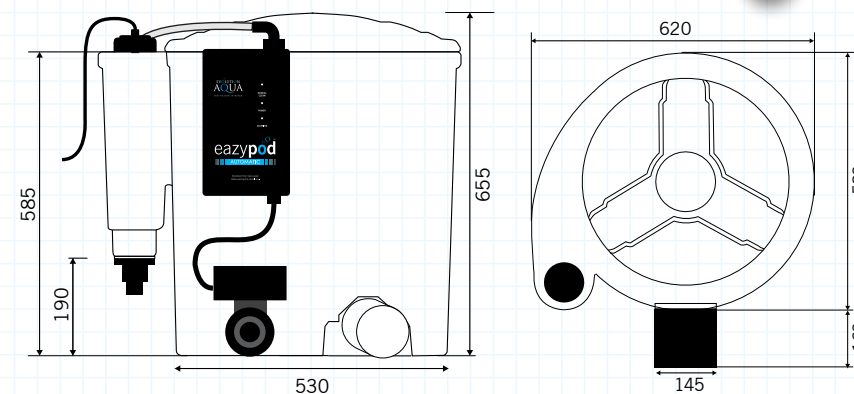
585

190

655

530

620

580

160

145

6

EA CODE: EAZYPODAUTOUV (Grey Colour)
BARCODE: 5060088872284

EA CODE: EAZYPODAUTO (Grey Colour)
BARCODE: 5060088872291

MANUFACTURED IN THE UK

EA CODE: EAZYPODAUTOUVG (Green Colour)
BARCODE: 5060088872307

EA CODE: EAZYPODAUTOG (Green Colour)
BARCODE: 5060088872314

7
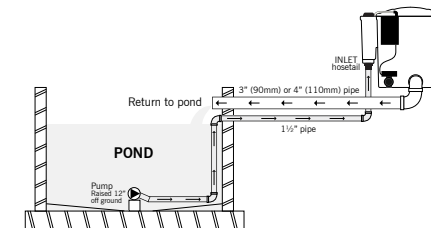
BUILT-IN 18W UV-C

eazypod™
complete
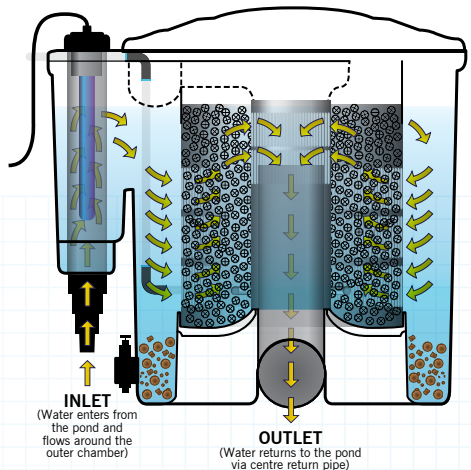
Complete Filtration With UV-C

- **Mechanical**, **biological** and **ultraviolet** filtration
- Supplied with **18 litres** of **K1 Micro** filter media
- **Simple** to install, **easy** to maintain
- Available in **Granite Green** or **Grey** colour
- 580mm (w) x 655mm (h) x 710mm (d)
- **EazyPod** and **EazyPodAir** models also available

AirClean TECHNOLOGY

INLET
(Water enters from the pond and flows around the outer chamber)

OUTLET
(Water returns to the pond via centre return pipe)

Model	Max. Pond Size	Max. Feed Rate	Volume Of Water In Filter	Recommended Flow Rate	Recommended Air Pump	UV-C Bulb
eazypod complete	10,000 litres 2,200 gallons 2,640 US gallons	100 - 125g per day	80 litres 18 gallons 21 US gallons	5,000 lph 1,100 gph 1,320 US gph	Air Pump 70 Kit (Supplied)	18 W PL-L
eazypodair	10,000 litres 2,200 gallons 2,640 US gallons	100 - 125g per day	80 litres 18 gallons 21 US gallons	5,000 lph 1,100 gph 1,320 US gph	Air Pump 70 Kit (Supplied)	x
eazypod	10,000 litres 2,200 gallons 2,640 US gallons	100 - 125g per day	80 litres 18 gallons 21 US gallons	5,000 lph 1,100 gph 1,320 US gph	Air Pump 70 Kit (Not Supplied)	x

How The EazyPod Complete Works

Water from the pond enters the EazyPod Complete via the **inlet**, cascading around the **18 Watt UV-C** bulb, where any algae will be exposed to the UV-C radiation.

The water then flows around the circumference of the **outer chamber** of the EazyPod Complete, passing through the **stainless steel grill** causing many of the larger solids to be filtered out and settle in the base of the outer chamber. This is the first stage of **mechanical filtration**.

As water enters the central chamber, through the stainless steel grill, the fine smaller solids become trapped in the mass of K1 Micro. **Bio-films build up** on the **protected surface area** within each piece of media, allowing **biological filtration** to take place.

After passing through the 18 litres of K1 Micro the clean water then rises and overflows into the **inner return pipe** and flows back to the pond via the **outlet**.

The EazyPod Complete is incredibly **simple to clean**, with **Air Clean Technology**. The connected air pump is used during the cleaning cycle to agitate the K1 Micro to free up any debris and waste that has built up within the filter.

POND — Return to pond — 3" (90mm) or 4" (110mm) pipe — 1½" pipe — Pump Raised 12" off ground

Diagram shows an example of a pump fed installation

POND — Return to pond — 1½" pipe — Water Pump — 3" (90mm) or 4" (110mm) pipe
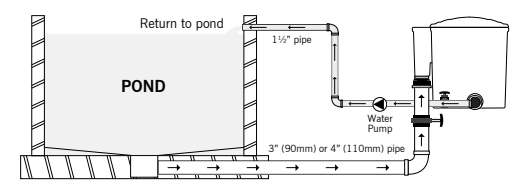
Diagram shows an example of a gravity fed installation for EazyPod and EazyPodAir models only

eazypodcomplete Dimensions (mm)
710 / 580 / 585 / 190 / 655 / 530

eazypod Dimensions (mm)
710 / 580 / 585 / 240 / 190 / 655 / 530

EA CODE: EAZYPOD
BARCODE: 5060088870259

EA CODE: EAZYPODAIR
BARCODE: 5060088870907

EA CODE: EAZYPODUV
BARCODE: 5060088874189

MANUFACTURED IN THE UK

EA CODE: EAZYPODGREEN
BARCODE: 5060088874660

EA CODE: EAZYPODAIRGREEN
BARCODE: 5060088874677

EA CODE: EAZYPODUVGREEN
BARCODE: 5060088874684

How The Nexus+ Filter Works

Water from the pond enters the **Nexus+** via the inlet into the **inner chamber** which works as a **vortex** allowing **larger solids to settle out**.

Water then passes through the grills in the stainless steel **"Eazy"** filter, where the **finer particles are removed** at the **mechanical stage** of filtration, thanks to the static bed of our **award winning K1 Micro®** filter media.

The **mechanically clean** water then passes to the outside chamber of the nexus where the **K+Media moving bed** is located for **biological treatment** prior to being returned to the pond.

At this stage, biological breakdown occurs through different strains of bacteria and filter feeders living on the **protected surface area** of each piece of the **K+Media**. These bacteria convert **Ammonia** and **Nitrite** into less harmful **Nitrate**.

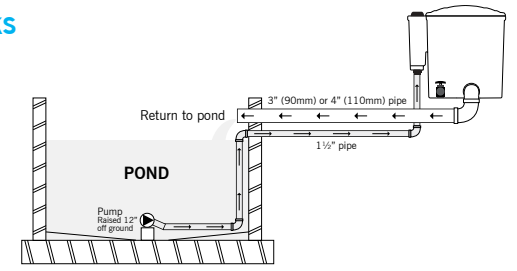Water then passes through the exit grill into the outlet, returning back to the pond.
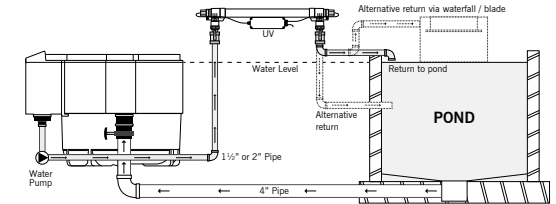
Diagram shows an example of a gravity fed installation

Diagram shows an example of a pump fed installation

nexus+ ™

AirClean TECHNOLOGY

UP TO 18,000 LITRES

UP TO 34,000 LITRES

Advanced Filtration System With K+ Media

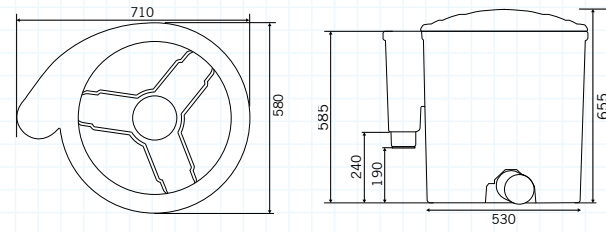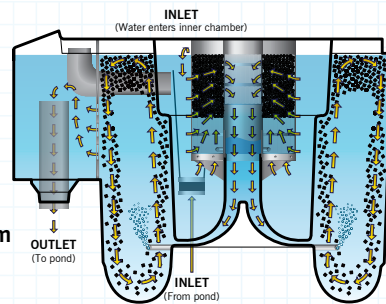- **K+**Media for better **biological** filtration
- Vastly **improves filtration** and delivers **faster maturation**
- **K1**Micro inside the **EAZY** for **mechanical** filtration
- **Easy** to install, with simple **Air Clean Technology**
- Install on a **pump-fed** or **gravity-fed** set-up
- Manufactured ready for **easy upgrade to Automatic System**
- **Nexus lids** are available to **cover the Nexus filter** and also **accomodate the Nexus Automatic System**

INLET (Water enters inner chamber)

OUTLET (To pond)

INLET (From pond)

nexus220+ Dimensions (mm)

nexus320+ Dimensions (mm)
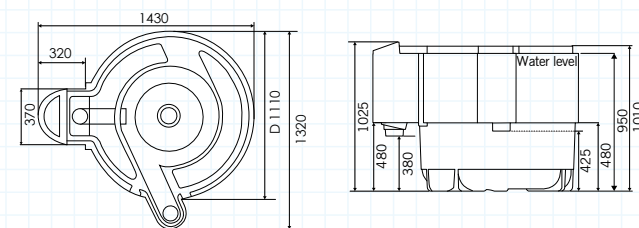
Air Pump Requirements

You can increase the biological capacity of your **Nexus+** by adding additional **K+Media** into the outer chamber up to the maximum capacity. You will however need to ensure that you have the correct size of air pump to enable the **K+Media** to move sufficiently (see table below for recommended size of air pump).

Model	Max. Pond Size	Max. Flow Rate	Volume Of Water In Nexus	Amount Of K1 Micro Supplied In Eazy Filter	Amount Of K+Media Supplied In Bio Chamber	Max. Capacity For K+Media
nexus220+	18,000 litres 4,000 gallons 4,800 US gallons	10,000 lph 2,200 gph 2,640 US gph	510 litres 112 gallons 135 US gallons	18 litres of K1 Micro inside the EAZY	50 litres of K+Media in bio chamber	150 litres of K+Media in bio chamber
nexus320+	34,000 litres 7,500 gallons 9,000 US gallons	13,000 lph 2,859 gph 3,431 US gph	840 litres 185 gallons 222 US gallons	20 litres of K1 Micro inside the EAZY	100 litres of K+Media in bio chamber	300 litres of K+Media in bio chamber

Total amount of K+Media in the outer chamber	Recommended Evolution Aqua Air Pump
50 - 75 litres	Air Pump 75
75 - 100 litres	Air Pump 95
100 - 150 litres	Air Pump 130
150 - 300 litres	Air Pump 150

www.evolutionaqua.com

nexus™
AUTOMATIC SYSTEM

AUTOMATE YOUR NEXUS

Make Nexus The Automatic Choice

- **Hassle free** way to clean Nexus filtration systems
- **Automates** the cleaning process of the Nexus
- **Easily fits** onto Nexus filters (post 2006 models)
- Control box **automatically operates** valves and pumps
- **Adjustable timer** controls the frequency of the cycle
- **Easy to set up** for multiple cleaning cycles
- **Manual cycle** can be carried out at touch of a button
- **Gravity-fed** and **pump-fed** versions available

Nexus Lids Available

Lids are available to cover Nexus filters and accomodate the Automatic System. They also include a securing mechanism to ensure the lid is fitted and secure at all times.
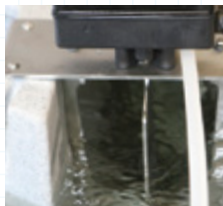
Automatic Cleaning Cycle

The **Nexus Automatic System** will control the cleaning cycle fully automatically. Cleaning is done on a **timer**, which is factory set to clean once every 3 days, however, this is **easily adjustable** to fit in with your pond requirements. The Nexus Automatic System will run a **cleaning cycle** which lasts approximately 10 minutes.

NORMAL FILTRATION MODE

ADJUSTABLE TIMER SETS CLEANING FREQUENCY

CLEANING PROCESS STARTS AUTOMATICALLY

CLEANING PROCESS FINISHES
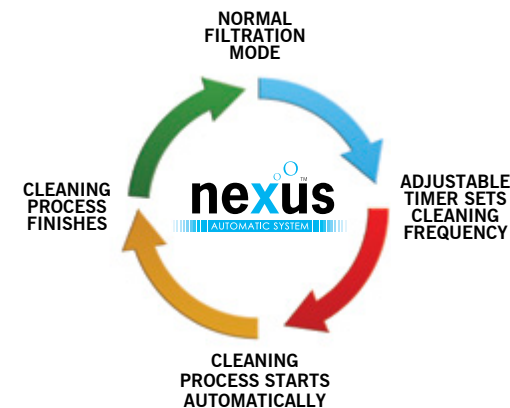
Overview of component parts

The **Nexus Automatic System** is supplied with the following parts for Gravity-fed installations.

Pump-fed versions do not have the automatic inlet plate.

AirClean TECHNOLOGY
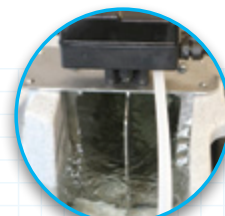
AUTOMATIC INLET PLATE

AIR CONTROL VALVE BOX

CONTROL BOX

AUTOMATIC WASTE VALVE
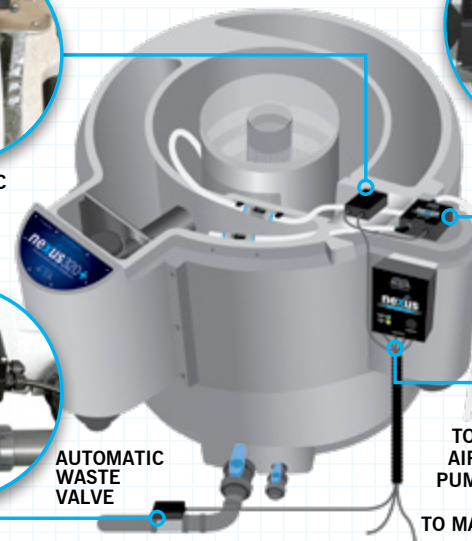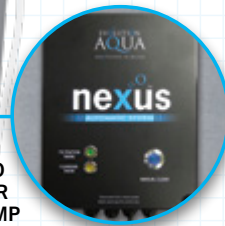
TO AIR PUMP

TO MAINS POWER & PUMP

www.evolutionaqua.com

FOUR FILTER SIZES

LOW RUNNING COSTS

EASY TO CLEAN

AirClean
TECHNOLOGY

K+AdvancedFilter

Advanced Pressure Filters With K+Media

- **Economical to run** thanks to its **unique design**
- The filter has been **engineered to maximise pump efficiency**
- **Pre-filled** with **advanced K+Media** for improved filtration
- **Easy to operate** and **clean** with **Air Clean Technology**
- **Air blower**, **pipework** and **multiport valve** supplied
- **One piece rotationally moulded** filter body
- **Built-in feet** (no skirt) for **additional durability**
- **Unique, engineered lateral design** to **optimise filtration**

Model	Maximum Pond Size	Optimum Flow Rate	Quantity Of K+Media Included	Diameter	Multiport Valve	Pipework Size
K+AdvancedFilter 20	18,000 litres 4,000 gallons 4,800 US gallons	6,000 lph 1,320 gph 1,800 US gph	50 litres 11 gallons 1.77 cu. ft.	20" (500mm)	1½"	1½"
K+AdvancedFilter 24	36,000 litres 8,000 gallons 9,600 US gallons	12,000 lph 2,640 gph 3,600 US gph	100 litres 22 gallons 3.53 cu. ft.	24" (620mm)	2"	2"
K+AdvancedFilter 30	54,500 litres 12,000 gallons 14,500 US gallons	18,000 lph 3,960 gph 5,400 US gph	150 litres 33 gallons 5.28 cu. ft.	30" (750mm)	2"	2"
K+AdvancedFilter 36	91,000 litres 20,000 gallons 24,000 US gallons	30,000 lph 6,600 gph 6,500 US gph	250 litres 55 gallons 8.83 cu. ft.	36" (900mm)	2"	2"

Manufactured to last

Manufactured in the UK by Evolution Aqua, the **K+Advanced Filter** is produced using rotational moulding process. The body is made of a single homogenous material meaning there is no joint line, the wall thickness is consistent throughout, there are no weak points, and the feet are built-in as part of the body. This means that the K+Advanced Filter is extremely durable and has the same attractive granite grey colour finish as the other EA filters.

Improved mechanical and biological filtration

The benefits of using **K+Media** have been well documented, including its ability to filter particles down to **one micron**.

The design and profile of the media helps to **improve flow**.

Its **vast protected surface area** of **1,025m² per m³**, or the total area of 5 x tennis courts, **maintains stable bio-films.**

Its unique manufacturing process where **minerals** and **enzymes** are added during the extrusion process, ensure **K+Media matures faster** than any other type of filter media. The filter media has also been **independently tested** to verify its performance by **IFTS** and **Cranfield University**.

Peace of mind

Evolution Aqua are in full control of the manufacturing. The filters undergo **rigorous testing** and **quality control checks** and are rated to a maximum **working pressure of 1.5 bar.**

Economical to run

To **optimise performance**, there are **unique double laterals** inside the filter that help **improve flow through the bed of K+Media**, that is supplied with every filter. This laminar flow, coupled with the use of **K+Media reduces back pressure** on the circulating pump, ultimately making them **economical to run**.

Easy as 1-2-3

They are **simple to install** and can be used as a **standalone filter** or as part of a larger filtration system with a **Nexus+** or on a skimmer line.

20"   24"   30"   36"
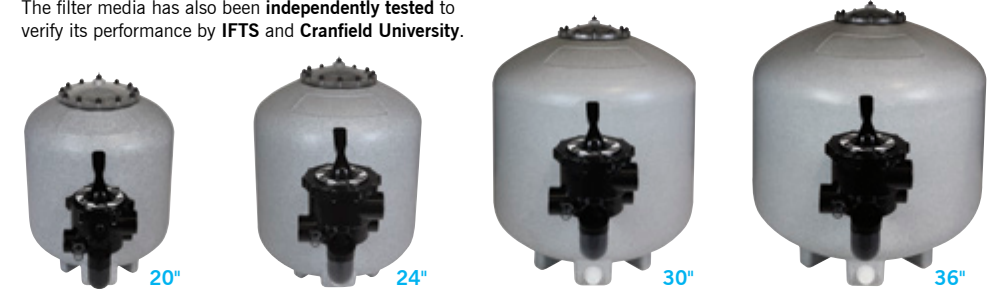
Install on pump-fed or gravity-fed systems

K+Advanced Filters are **versatile** and can be installed on **pump-fed** or **gravity-fed** setups. They can be used as a stand alone filter, in conjunction with a pre-filter, or it can be used on skimmer lines or as a polisher at the end of a system.

Scan the QR code to learn more on our website
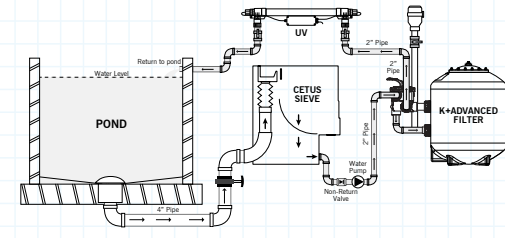
K+Advanced Filter installation with a Cetus Sieve

K+Advanced Filter installation on a skimmer line

MANUFACTURED IN THE UK

www.evolutionaqua.com

The Tempest is an **innovative polishing system** for ponds that will help to **deliver crystal clear water**. Designed to be used in conjunction with **any filtration system**, the Tempest offers additional **mechanical** and **biological** filtration.

The Tempest is **easy to install** and is **simple** and **quick to clean**, by way of **our patent pending** air syphon design. During the **Air Clean Technology** cleaning process, air is drawn into the filter as it empties which causes the **water to agitate**, effectively cleaning the **K+Media**.

Using **K+Media** as the filter media, particles down to **one micron** can be filtered. On a single pass, testing has proven our media capable of **removing all particles down to 25 micron** when used at the optimum flow rate. Not only that, **K+Media** is the result of extensive **research** and **development** and is **moulded with minerals** for **faster maturation times**.

tempest

AirClean TECHNOLOGY

Innovative Polisher For Ponds

- **Improves water quality** and **clarity**
- Includes **advanced K+Media**
- Traps particles down to **one micron**
- **Patent pending** air backwash system
- Use in conjunction with **any filtration system**
- Additional **mechanical** and **biological** filtration
- **Easy** to **install**, **simple** to **clean**
- Evolution Aqua filter media **independently tested**
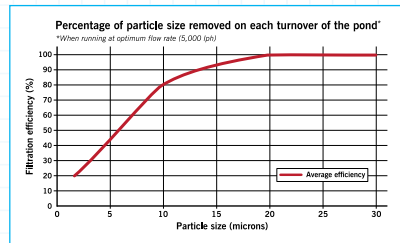
Percentage of particle size removed on each turnover of the pond*
*When running at optimum flow rate (5,000 lph)

(Graph: Filtration efficiency (%) vs Particle size (microns), Average efficiency)

ifts

Cranfield UNIVERSITY

tempest

Model	Optimum Flow Rate	Maximum Flow Rate	Volume Of Water In Filter	K+Media Supplied	Inlet Size	Outlet Size	Waste Hosetail Size
tempest	5,000 lph 1,100 gph 1,320 US gph	7,500 lph 1,650 gph 1,980 US gph	27 litres 5.9 gallons 7.1 US gallons	7 litres	1½" (UK / USA) / 50mm (EU)	1½" (UK / USA) / 50mm (EU)	1" (UK / USA) / 32mm (EU)

Typical Installation Examples

RETURN INTO NEXUS OR INTO POND
SLIDE VALVE
SLIDE VALVE
POND
BALL VALVE
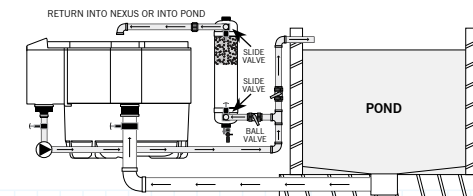
Diagram shows a Tempest installation with a gravity-fed filter

Return direct to pond or via a waterfall / blade

POND

POND
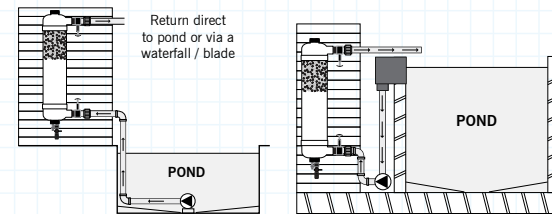
Pump-fed Tempest installation

Tempest installation on a skimmer line

BY-PASS RETURN LINE
RETURN LINE
SLIDE VALVE
BALL VALVE
SLIDE VALVE
POND
BALL VALVE
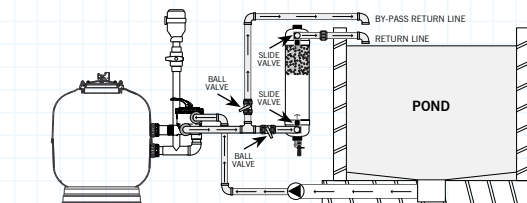
Diagram shows an example of a Tempest installation on a pressurised system

Dimensions

205mm
OUTLET TO POND
1130mm
790mm
Centre of pipe to centre of pipe
PUMP IN
160mm
AIR INLET
WASTE VALVE
45mm
250mm
105mm

MANUFACTURED IN THE UK

www.evolutionaqua.com
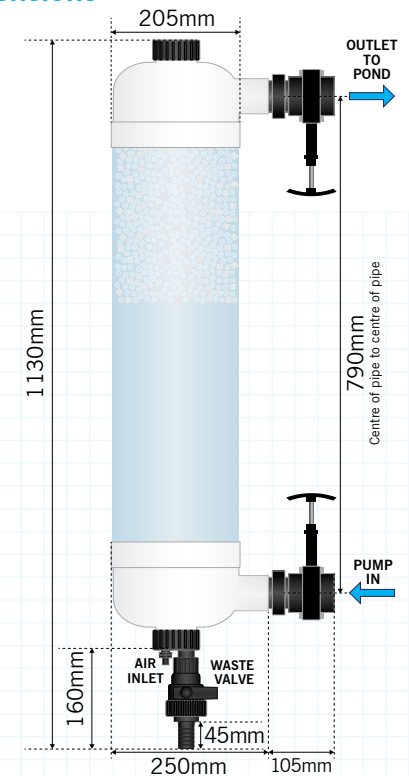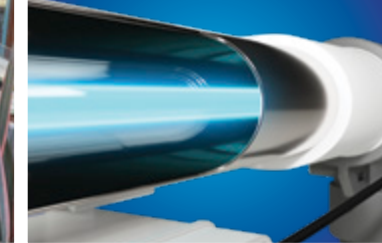
Evolution Aqua evoUV Ti, **Titanium Enhanced** UV Clarifiers are made using the **latest technology** and are lined with a thick and **polished titanium tube**, to clear green pond water fast.

When the UV light strikes the internal surface of the titanium chamber it produces an **instant photocatalytic reaction** and generates Hydroxyl Radicals, **a powerful oxidant**, that instantly destroys organic and inorganic matters, neutralising water-born algae, bacteria and viruses resulting in **clearer water** whilst being perfectly safe for all pond life.

The **evo55 Ti** Titanium Enhanced UV Clarifier is suitable for ponds up to **55,000 litres** (12,100 UK gallons / 14,500 US gallons), with an optimum flow rate of 15,000 litres per hour (3,300 gph / 4,000 US gph). The maximum flow rate is 20,000 lph (4,400 gph / 5,000 US gph).

The **evo110 Ti** Titanium Enhanced UV Clarifier is suitable for ponds up to **75,000 litres** (16,500 UK gallons / 19,500 US gallons), with an optimum flow rate of 20,000 litres per hour (4,400 gph / 5,000 US gph). The maximum flow rate is 25,000 lph (5,500 gph / 6,000 US gph).

evoUVTi

Titanium Enhanced UV Clarifiers

- **Titanium tube** lining helps to clear green water faster
- Up to **1.5 times more effective** than a standard UV
- **Photocatalytic technology** improves clarity by neutralising algae, bacteria and viruses
- **High output**, energy efficient ballast
- Easy and **cost effective** to maintain
- **Mounting brackets** included for secure installation
- Available in **55 Watt** and **110 Watt** models

CLEARS GREEN WATER FASTER • PHOTOCATALYTIC TECHNOLOGY •

Generates Hydroxyl Radicals

Clears Green Water Faster

1.5x Up To 1.5 Times More Effective

Model	Max. Pond Size	Optimum Flow Rate	Max. Flow Rate	Bulb Power	Inlet / Outlet
evo55 Ti	55,000 litres 12,100 gallons 14,500 US gallons	15,000 lph 3,300 gph 4,000 US gph	20,000 lph 4,400 gph 5,000 US gph	55W (1 X 55W T8)	1½" Comes with hosetails
evo110 Ti	75,000 litres 16,500 gallons 19,500 US gallons	20,000 lph 4,400 gph 5,000 US gph	25,000 lph 5,500 gph 6,000 US gph	110W (2 X 55W T8)	2" No fittings supplied

990mm

85mm

130mm

153mm

768.5mm (Inlet centre to outlet centre)

990mm

195mm

280mm

280mm

768.5mm (Inlet centre to outlet centre)

MANUFACTURED IN THE UK
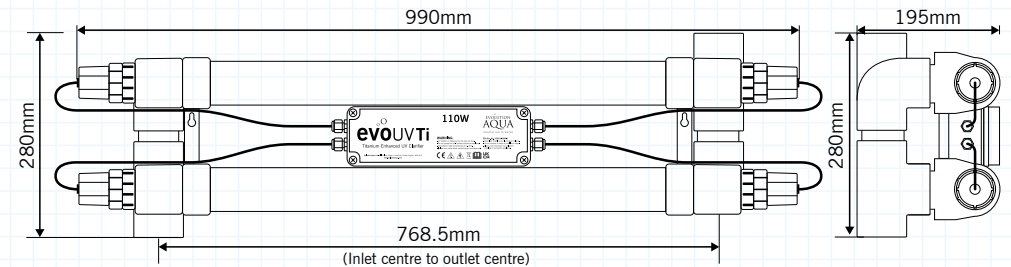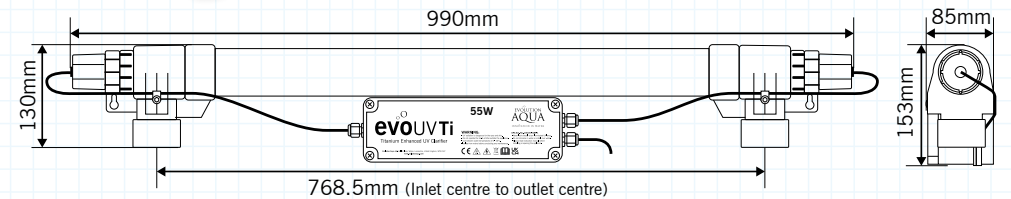
www.evolutionaqua.com

The Evolution Aqua evoUV deliver a **more efficient** and **more economical performance** than before.

The range includes 15W up to 110W models for all sizes of ponds

Our range of evoUV pond clarifiers have been manufactured to deliver **optimum performance** at all times. evoUVs have been designed to **clear green water,** which is caused by single celled green algae, and prevent it from returning.

evoUV

EVEN EASIER TO MAINTAIN

evoUV
COMMERCIAL UV STERILISER
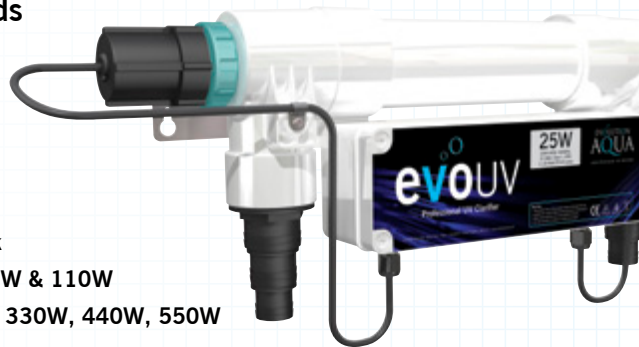
Ultraviolet Clarifiers For Ponds

- **Eradicates green water** in ponds
- Features **highly efficient** ballasts
- IP Rating of **IP65**
- **Easy** to **maintain**, **easy** to **install**
- **Removable**, **serviceable** ballast box
- Connects to **flexi-hose** or **rigid pipework**
- **6 models**; **15W, 25W, 30W, 55W, 75W & 110W**
- Commercial UVs also available; **220W, 330W, 440W, 550W**

ALSO AVAILABLE

Model	Max. Pond Size	Optimum Flow Rate	Max. Flow Rate	Bulb Power	Inlet / Outlet	Dimensions (Ex. Hosetails)	Dimensions (Inlet To Outlet)
evo15	15,000 litres 3,300 gallons 4,000 US gallons	5,000 lph 1,100 gph 1,320 US gph	7,500 lph 1,650 gph 1,800 US gph	15W (1 x 15W T8)	1½" Comes with hosetails	540mm (l) 116mm (w) 153mm (h)	319mm Centre of inlet to centre of outlet
evo25	20,000 litres 4,400 gallons 5,300 US gallons	7,500 lph 1,650 gph 1,800 US gph	10,000 lph 2,200 gph 2,500 US gph	25W (1 x 25W T8)	1½" Comes with hosetails	540mm (l) 116mm (w) 153mm (h)	319mm Centre of inlet to centre of outlet
evo30	30,000 litres 6,600 gallons 7,900 US gallons	12,500 lph 2,750 gph 3,300 US gph	15,000 lph 3,300 gph 3,500 US gph	30W (1 x 30W T8)	1½" Comes with hosetails	990mm (l) 85mm (w) 153mm (h)	768.5mm Centre of inlet to centre of outlet
evo55	55,000 litres 12,100 gallons 14,500 US gallons	15,000 lph 3,300 gph 3,500 US gph	20,000 lph 4,400 gph 5,000 US gph	55W (1 X 55W T8)	1½" Comes with hosetails	990mm (l) 85mm (w) 153mm (h)	768.5mm Centre of inlet to centre of outlet
evo75	75,000 litres 16,500 gallons 19,500 US gallons	17,500 lph 3,800 gph 4,600 US gph	25,000 lph 5,500 gph 6,000 US gph	75W (1 X 75W T8)	1½" Comes with hosetails	1293mm (l) 85mm (w) 153mm (h)	1071.5mm Centre of inlet to centre of outlet
evo110	75,000 litres 16,500 gallons 19,500 US gallons	20,000 lph 4,400 gph 5,000 US gph	25,000 lph 5,500 gph 6,000 US gph	110W (2 X 55W T8)	2" No fittings supplied	990mm (l) 195mm (w) 280mm (h)	768.5mm Centre of inlet to centre of outlet

300 MICRON SIEVE

cetus sieve ™

Pre-Filter To Remove Waste & Debris

- **Easy** maintenance
- **Reduced backwashing** of pressure filters
- **Simple installation** with flexible connectors
- Patented **pondflow** regulation system
- **Large waste collection** which is **easy to clean**
- Robust **one piece mould** with no welded joints
- Can be installed on **pump** or **gravity fed** set-ups
- 575mm (w) x 945mm (h) x 860mm (d)

WASTE

OUTLET
(To filter)
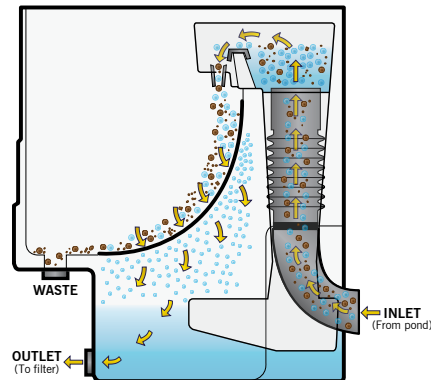
INLET
(From pond)

Model	Max. Flow Rate	Inlet - Gravity Fed	Inlet - Pump Fed	Outlet - Gravity Fed	Outlet - Pump Fed
cetus sieve	18,000 lph 4,000 gph 4,755 US gph	110mm / 4" eazy connector	4" on Cetus with additional 4" - 1½" eazy connector	3" (90mm) on Cetus with additional 4" - 1½" eazy connector	3" (90mm) on Cetus factory fitted with 4" eazy connector

varipump

High Performance Controllable Pumps

- **3 models**; 10,000, 20,000 and 30,000
- **Adjustable flow control** – via wired controller
- Designed for use on **large ponds**
- **Energy efficient** pump
- **Two year** warranty
- **10 metre cable length (control box to pump)**
- **2 metre cable length (mains to control box)**

H

W

L
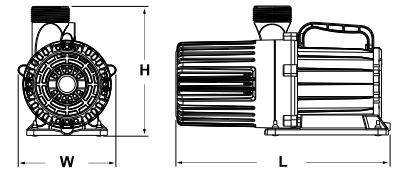
DIMENSIONS

Varipump 10,000:
267mm (L) x 122mm (W) x 162mm (H)

Varipump 20,000:
319mm (L) x 142mm (W) x 181mm (H)

Varipump 30,000:
370mm (L) x 155mm (W) x 205mm (H)

	Inlet / Outlet	Max. Flow (Litres Per Hour)	Max. Flow (Gallons Per Hour)	Max. Flow (Us Gallons Per Hour)	Max. Head	Max. Watts
Varipump 10000	1½"	10,000 lph	2,200 gph	2,640 US gph	5.5m	90W
Varipump 20000	2"	20,000 lph	4,400 gph	5,280 US gph	6.5m	190W
Varipump 30000	2"	30,000 lph	6,600 gph	7,925 US gph	6.5m	290W

EA CODE: **CETUS**
BARCODE: 5060088873571

MANUFACTURED IN THE UK

EA CODE: **VP10**
BARCODE: 5056231200486

EA CODE: **VP20**
BARCODE: 5056231200493

EA CODE: **VP30**
BARCODE: 5056231200509

MAINTAIN
OXYGEN
LEVELS

airpumps ™

Reliable And Economical Air Pumps

- Provides **consistent levels of oxygen** in ponds
- **High performance**, **reliable** pumps
- **Thermal protection** as standard
- **Airstones** and **silicone airline** also available
- **5 models available** (70, 75, 95, 130 and 150 lpm)

Model	Max. Output (Litres Per Minute)	Output At 1m Depth (Litres Per Minute)	Max. Operating Depth	Power Usage (Watts)	Noise Level (Dba)	Voltage (Vac)	Ea Code	Barcode
Airpump 70	70 lpm	52 lpm	3.2m	34W	<46	220V - 240V	AIRPUMP70	5060088870471
Airpump 75	75 lpm	59 lpm	3.9m	44W	<46	220V - 240V	AIRPUMP75	5060088870488
Airpump 95	95 lpm	78 lpm	4.35m	62W	<47	220V - 240V	AIRPUMP95	5060088870495
Airpump 130	130 lpm	110 lpm	4.7m	88W	<50	220V - 240V	AIRPUMP130	5060088870501
Airpump 150	150 lpm	130 lpm	5.5m	106W	<50	220V - 240V	AIRPUMP150	5060088870518
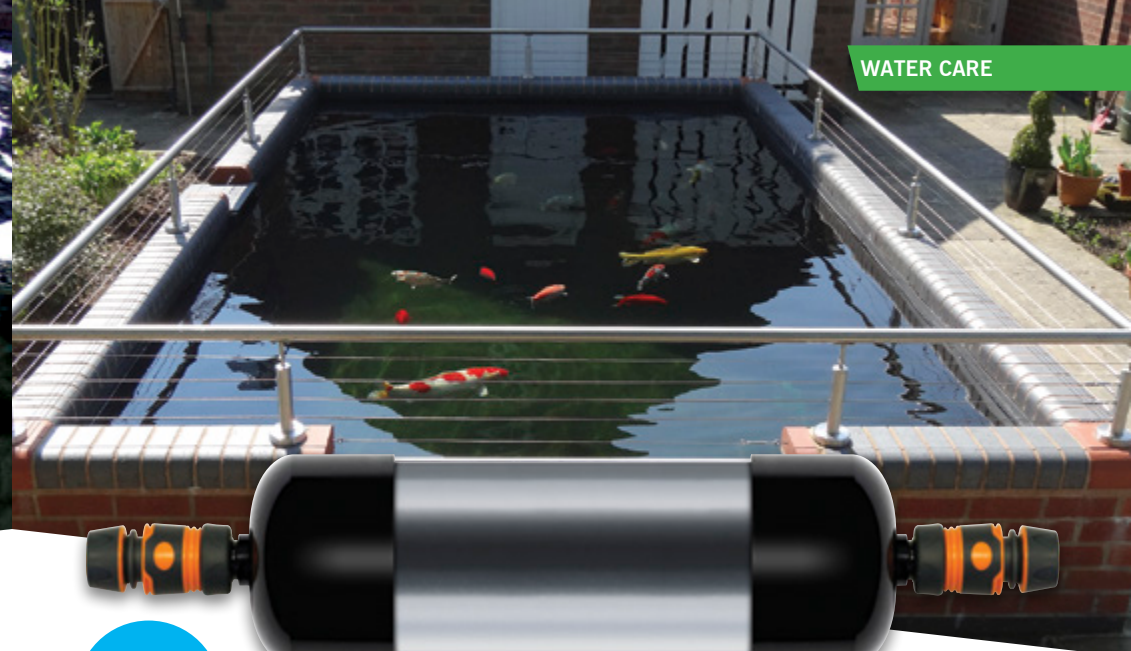
IMPROVED
OPTIMUM
RESULTS

de**to**x ™

Removes Harmful Chlorine From Water

- With **high capacity**, **pre-washed carbon**
- **Removes toxins** in tap water
- For use on **ponds** and **indoor aquariums**
- **No need** to wait for chlorine to "gas-off" or to use liquid treatments
- **Easily connects** to a hose pipe - fittings included
- Also can be fitted to **rigid pipe**
- Available in **12 inch** or **30 inch** sizes

Product	Treats Up To*	Max. Flow Rate
12 inch dechlorinator	225,000 litres 49,493 gallons 59,500 US gallons	4 litres / min
30 inch dechlorinator	550,000 litres 122,083 gallons 146,615 US gallons	4 litres / min

*Maximum treatable water is based on incoming 0.5ppm chlorine.

Need spare parts and accessories? Visit our online parts store

EA CODE: FC12
BARCODE: 5060088870266

EA CODE: FC30
BARCODE: 5060088870280

MANUFACTURED
IN THE UK

STARTS NEW POND FILTERS

FAST ACTING GEL FORMULA

PURE+
FILTER START Gel

Live Bacteria Gel To Start New Pond Filters

- **PURE+** Filter Start Gel is a **live**, **concentrated bacteria culture** for use in **new pond filters**

- The gel based solution will **stick to the filter media**, allowing the nitrifying bacteria it contains to **rapidly colonise your filter**

- Once the filter media has been coated with the **PURE+** Filter Start Gel, the beneficial bacteria within the gel will **speed up the maturation** of your filter media, while helping to **convert ammonia** and **nitrite**, resulting in **less stressed fish**

- **Available in 2 sizes:**
  1 litre treats ponds up to 10,000 litres
  2.5 litre treats ponds up to 25,000 litres

MAINTAINS CLEAR WATER

USED ON PONDS GLOBALLY

PURE
POND

Maintains Healthy Pond Water

- **Bacteria** and **enzymes** delivered in gel-like balls
- Maintains **crystal clear** and **healthy** water
- **Breaks down** ammonia and nitrite
- **Cleans up** organic waste
- **Reduces filter maintenance** and **cleaning**
- Suitable for use in **all types of ponds**
- **Add to filter** for best results

Available in three sizes:

500ml treats ponds up to 10,000 litres
1 litre treats ponds up to 20,000 litres
2 litre treats ponds up to 40,000 litres

What is PURE?

PURE is Evolution Aqua's **Award Winning** range of bacterial products for ponds, freshwater aquariums and marine aquariums. **PURE** products contain incredibly high concentrations of friendly bacteria and enzymes. These are contained within a unique delivery system that when added to your pond or aquarium will help to clean up organic waste and break down ammonia and nitrite. The result is **crystal clear** and **healthy** water that sparkles.

EA CODE: PUREPONDGEL1L
BARCODE: 5060088875926

EA CODE: PUREPONDGEL2.5L
BARCODE: 5060088875933

MANUFACTURED IN THE UK

EA CODE: PUREPOND500
BARCODE: 5060088872369

EA CODE: PUREPOND1000
BARCODE: 5060088872376

EA CODE: PUREPOND2000
BARCODE: 5060088872871

MANUFACTURED IN THE UK

DIGESTS SLUDGE & ORGANIC WASTE

REDUCES FILTER CLEANING

BOOSTS WATER QUALITY

FAST ACTING GEL BALL

PURE SLUDGE BOMB

Digests sludge and reduces pond maintenance

- Contains **millions of beneficial bacteria** and **natural enzymes**
- **Rapidly** breaks down and **digests sludge** and organic waste
- **Reduces** pond and filter maintenance
- Helps to convert **ammonia** and **nitrite**
- Creates a more **oxygen-rich** pond environment
- **Simply drop into pond** or into the filter
- Treats ponds up to 20,000 litres

ALSO AVAILABLE AS A DUO PACK

- Contains PURE Pond Bomb and PURE Sludge Bomb

PURE POND BOMB

Fast Acting Boost Of Clarity

- High concentration of **bacteria** and **enzymes** delivered in one gel-like ball
- **Activating gel** for **improved performance**
- Ideal for **emergency use** in ponds
- **Quickly restores** biological equilibrium
- **Boosts clarity** of water
- **Breaks down** ammonia and nitrite
- Treats ponds up to 20,000 litres

PURE POND

PURE+FILTERSTART Gel

PURE SLUDGE BOMB

PURE POND BOMB

START UP   BIOLOGICAL BOOST   MAINTENANCE

EA CODE: PURESLBOMB
BARCODE: 5056231203593

EA CODE: PUREPBSLDUO
BARCODE: 5056231203609

MANUFACTURED IN THE UK

EA CODE: PONDBOMB250
BARCODE: 5060088874103

EA CODE: PONDBOMB36
Trade display pack of 36 products

MANUFACTURED IN THE UK
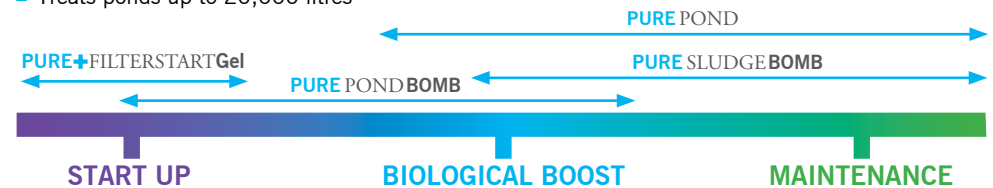
SIMPLE TO USE TREATMENT

100% SAFE FOR PONDS

Stop Blanketweed

Eradicates Blanketweed In Ponds

- **Rapidly breaks down** blanketweed
- **Prevents the re-growth** of blanketweed
- **Simple** and **safe to use** - mix the required dose with pond water and add to your pond
- Available in **400g, 1kg, 2.5kg** & **4kg**

Pond Size In Litres	Pond Size In Gallons	Dosage In Grams	3 - 4 Weekly Doses To Eradicate Blanketweed:
900	198	30g	One Scoop
1800	396	60g	Two Scoops
2700	594	90g	Three Scoops
3600	792	120g	Four Scoops
4500	990	150g	Five Scoops
9000	1980	300g	Ten Scoops

400G SIZE

RECOMMENDED DOSING ADVICE
We recommend that you treat your pond with the correct amount of **Stop Blanketweed** once a week for 3 to 4 weeks or until the blanket weed has died.

Continue with monthly doses to prevent the blanket weed from returning.

Blanketweed

The Natural Solution

- **100% natural** blanketweed solution
- **Fast acting** and **effective**
- **Fish, plant** and **wildlife safe**
- **Visible results** within days
- Available in **400g**, **800g**, **2kg** & **4kg**

RECOMMENDED DOSING ADVICE
Calculate your pond volume in litres:
(Length (m) x Width (m) x Depth (m) x 1000)

Add one scoop of Evolution Aqua Blanketweed powder per 400 litres of pond volume, to a watering can.

Fill the watering can with pond water and stir. Sprinkle the solution evenly over the pond surface. Dose Blanketweed as directed and repeat every 14 days as required.

EA CODE: BIOD1408 BARCODE: 5056231202992 400g	EA CODE: BIOD1410 BARCODE: 5060088870587 1kg	EA CODE: BIOD1425 BARCODE: 5060088873526 2.5kg	EA CODE: BIOD1440 BARCODE: 5060088873533 4kg	EA CODE: BIOD1445 BARCODE: 5060088872208 400g	EA CODE: BIOD1450 BARCODE: 5060088872192 800g	EA CODE: BIOD1455 BARCODE: 5060088872338 2kg	EA CODE: BIOD1460 BARCODE: 5060088872703 4kg

LATEST MEDIA

EVOLUTION AQUA FILTER MEDIA HAS BEEN INDEPENDENTLY TESTED

ifts Cranfield UNIVERSITY

NUMBER 1 FILTER MEDIA

Replaces conventional BEADS

K+Media

Advanced Filtration Media

- **1025m² per m³** Protected Surface Area
- Class leading total surface area **1350m² per m³**
- **Minerals**, **magnesium**, **calcium**, **salt** and **enzymes** incorporated into each piece during extrusion process
- **Filters mature faster** with **K+Media**
- Structure of **K+Media** allows a **stable bio-film to form**
- **Reduces back pressure** on pumps for **improved efficiency**
- **Floating version in white - Sinking version in black**
- Available in **25 litre** and **50 litre bags**

MANUFACTURED IN THE UK

	K+Media
DIAMETER	10.2mm
LENGTH	8mm
TOTAL SURFACE AREA	1350m²/m³
PROTECTED SURFACE AREA	1025m²/m³

K1Media | K1Micro

Tried And Tested Filter Media

- **500m² per m³** Protected Surface Area for K1 Media
- **950m² per m³** Protected Surface Area for K1 Micro
- Used with **nexus+** and eazypod filters
- Also use in **box**, **pressure** and **multi-bay** filters
- Suitable for **mechanical** and **biological** filtration
- Provides **large surface area** for bacteria to colonise
- K1 Media available in 1 litre, 3 litre, 25 & 50 litres
- K1 Micro available in 1 litre, 25 & 50 litres

MANUFACTURED IN THE UK

	K1Media	K1 Micro
DIAMETER	10.5mm	7mm
LENGTH	8mm	9mm
TOTAL SURFACE AREA	950m²/m³	1400m²/m³
PROTECTED SURFACE AREA	500m²/m³	950m²/m³

Filter feeders such as Vorticella and Rotifers within K1 Micro PSA

EA CODE: KPLUSMEDIA25L
BARCODE: 5056231201698

EA CODE: KPLUSMEDIA50L
BARCODE: 5056231201704

EA CODE: KPLUSMEDIA25LBLACK
BARCODE: 5056231201803

EA CODE: KPLUSMEDIA50LBLACK
BARCODE: 5056231201810

EA CODE: MEDIA1L
5060088874998

EA CODE: MEDIA3L
5060088870525

EA CODE: MEDIA25L
5060088870532

EA CODE: MEDIA50L
5060088875001

EA CODE: K1MICRO1L
5060088875292

EA CODE: K1MICRO25L
5060088875773

EA CODE: K1MICRO50L
5060088875315

GROWTH*Plus*

For Superior Growth & Enhanced Body Shape

- **Ideal for Koi** and other varieties of pond fish
- Promotes all aspects of **growth** and **health**
- Helps to **improve digestion** resulting in **lower waste**
- Enriched with **prebiotics**
- **Precise blend** of nutritional ingredients
- Contains **vitamins** and **minerals**
- Also contains **Omega 3** and **6**
- To be fed when pond temperature is above 18°C
- Available in **800g**, **2kg**, **6kg** and **15kg**
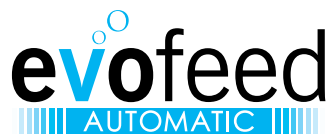
800g Medium Pellet	EA CODE: FO312	BARCODE: 5060088873601
2kg Medium Pellet	EA CODE: FO322	BARCODE: 5060088873625
6kg Medium Pellet	EA CODE: FO342	BARCODE: 5060088873649
15kg Medium Pellet	EA CODE: FO362	BARCODE: 5060088873663

Ideal for use with

evofeed
AUTOMATIC

PREMIER

Quality Food For Koi And Pond Fish

800g Small Pellet	EA CODE: FO210	BARCODE: 5060088873045
800g Medium Pellet	EA CODE: FO212	BARCODE: 5060088873052
2kg Small Pellet	EA CODE: FO220	BARCODE: 5060088873069
2kg Medium Pellet	EA CODE: FO222	BARCODE: 5060088873076
6kg Small Pellet	EA CODE: FO240	BARCODE: 5060088873083
6kg Medium Pellet	EA CODE: FO242	BARCODE: 5060088873106
15kg Small Pellet	EA CODE: FO260	BARCODE: 5060088872406
15kg Medium Pellet	EA CODE: FO262	BARCODE: 5060088872413

ALSO AVAILABLE:

Freshwater Shrimp
Silkworm Pupae
Pond Sticks
Pond Treats

Shrimp 120g	EA CODE: BION1085	BARCODE: 5060088873090
Silkworm 300g	EA CODE: BION1090	BARCODE: 5060088872635
Silkworm 1.6kg	EA CODE: BION1070	BARCODE: 5060088870365

WHEATGERM

All Year Round Fish Food

800g Small Pellet	EA CODE: FO110	BARCODE: 5060088873113
800g Medium Pellet	EA CODE: FO112	BARCODE: 5060088873120
2kg Small Pellet	EA CODE: FO120	BARCODE: 5060088873137
2kg Medium Pellet	EA CODE: FO122	BARCODE: 5060088873144
6kg Small Pellet	EA CODE: FO140	BARCODE: 5060088873151
6kg Medium Pellet	EA CODE: FO142	BARCODE: 5060088873168
15kg Small Pellet	EA CODE: FO160	BARCODE: 5060088872420
15kg Medium Pellet	EA CODE: FO162	BARCODE: 5060088872437

Pond Sticks 150g	EA CODE: EASTICK150	BARCODE: 5060088872116
Pond Sticks 750g	EA CODE: EASTICK750	BARCODE: 5060088872130
Pond Sticks 2.5kg	EA CODE: EASTICK2500	BARCODE: 5060088872123
Pond Treats 1kg	EA CODE: PONDTREAT1KG	BARCODE: 5060088874264

TAKAZUMI

Exclusive UK Distribution By Evolution Aqua

Takazumi Professional Koi Foods are a premier range of Koi foods, widely respected throughout Europe. The various foods contain high quality ingredients that are formulated specifically to develop specific attributes in your fish.

The range now includes KIEN PRO and SAKAN-NI PRO liquid food. Kien Pro is a supplementary food for Koi that helps to optimise and maintain a functioning digestive system. Sakan Ni Pro increases resilience and strengthens the immune system of your fish.

Gold Plus 1000g	EA CODE: FT110
Gold Plus 2500g	EA CODE: FT120
Gold Plus 4500g	EA CODE: FT130
Gold Plus 10kg	EA CODE: FT140
High Growth 1000g	EA CODE: FT150
High Growth 2500g	EA CODE: FT160
High Growth 4500g	EA CODE: FT170
High Growth 10kg	EA CODE: FT180
Mix 1000g	EA CODE: FT190
Mix 2500g	EA CODE: FT200
Mix 4500g	EA CODE: FT210
Mix 10kg	EA CODE: FT220
Vital 1000g	EA CODE: FT230

Vital 2500g	EA CODE: FT240
Vital 4500g	EA CODE: FT250
Vital 10kg	EA CODE: FT260
Easy 1000g	EA CODE: FT270
Easy 2500g	EA CODE: FT280
Easy 4500g	EA CODE: FT290
Easy 10kg	EA CODE: FT300
Junior Premium 1000g	EA CODE: FT310
Junior Premium 2500g	EA CODE: FT320
Sturgeon Feed 1500g	EA CODE: FT330
Sturgeon Feed 4000g	EA CODE: FT340
Sturgeon Feed 7500g	EA CODE: FT350
Sturgeon Feed 15kg	EA CODE: FT360

LIQUID FOOD RANGE NOW AVAILABLE

Yugen 750g	EA CODE: FT370
Yugen 2500g	EA CODE: FT380
Friend 10kg	EA CODE: FT390
Easy Mix 1kg	EA CODE: FT540
Easy Mix 2.5kg	EA CODE: FT550
Easy Mix 4.5kg	EA CODE: FT560
Easy Mix 10kg	EA CODE: FT570
Kien Pro 500ml	EA CODE: FT600
Kien Pro 1000ml	EA CODE: FT610
Kien Pro 2500ml	EA CODE: FT620
Sakan-ni Pro 500ml	EA CODE: FT630
Sakan-ni Pro 1000ml	EA CODE: FT640
Sakan-ni Pro 2500ml	EA CODE: FT650

evofeed AUTOMATIC

Automatic Fish Feeder For Ponds

- **Battery powered** - up to 3 months off one charge
- Suitable for **medium** and **large** ponds
- **Easily adjust distance** food is propelled
- **Versatile** to mount at the side of the pond
- Clear **digital display behind protective cover**
- Dispenses food at **timed interval**s throughout the day
- **Rechargeable** lithium battery - adapter included
- **Fixing pegs** and **feeding chute** included

Feeding Range	Food	Container Volume	Power	Dimensions	EA Code	Barcode
1 to 3 metres 120° angle	3 to 10mm pellets only (Not suitable for flake and stick)	6 litre capacity	Built-in rechargeable battery (Indoor charger cable included)	370mm 310mm 400mm (including tray)	APF001	5056231200585

Sinking Air Line

Innovative Air Line That Sinks To The Bottom Of The Pond

- Innovative **air delivery hose** for ponds
- **Simply drop air line** into the water
- **No additional weights** needed
- Extremely **robust construction**
- Air line has a **high resistance to UV light** and **resists kinking** and **cracking**
- Provides a **discreet**, **tidy installation**
- Available in **3 sizes**

Innovative air line that sinks to the bottom of the pond.

Ø4mm

Ø8mm

Ø10mm
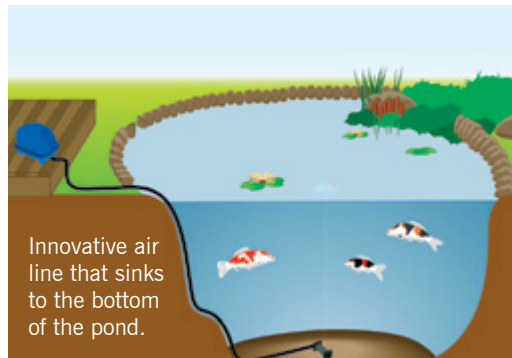
4mm (Inner diameter)
(Available in 100m rolls)

8mm (Inner diameter)
(Available in 50m rolls)

10mm (Inner diameter)
(Available in 30m rolls)

eazyconnectors™

Versatile Range Of Flexible, Reliable PVC Connectors For Pipe Installs

- **Simple** to **connect** and **tighten**
- **Reusable** time and time again
- Connects **metric** to **imperial**

EA Code	Eazy Connector - Straight Connectors
FE027-027	¾" (27mm to 22mm)
FE035-035	1" (34mm to 24mm)
FE049-049	1½" or 40mm waste* (49mm to 41mm)
FE062-062	2" (61mm to 46mm)
FE090-090	3" (92mm to 80mm)
FE112-112	4" (114mm to 97mm)
FE162-162	6" (170mm to 150mm)

EA Code	Eazy Connector - Stop End Cap
FE048C	1½" or 40mm stop end cap*
FE060C	2" (60 to 52mm) stop end cap
FE085C	3" (90 to 75mm) stop end cap
FE112C	4" (115 to 102mm) stop end cap

EA Code	Eazy Connector - Tees
FE048T	1½" or 40mm waste*
FE060T	2" (60 to 48mm) tee
FE085T	3" (89 to 75mm) tee
FE112T	4" (114 to 97mm) tee

EA Code	Eazy Connector - Elbows
FE048L	1½" or 40mm waste*
FE60L	2" (60 to 48mm) elbow
FE85L	3" (89 to 75mm) elbow
FE112L	4" (114 to 97mm) elbow

EA Code	Eazy Connector - Adaptors
DACE122-48	Nexus In/Out to 1½ (122-110 to 48-40mm)
NAC1004	Nexus In/Out to 2" (122-115 to 68-61mm)
NPC125	Nexus In/Out to 4" (125 to 100mm)

EA Code	Eazy Connector - Adaptors
DACE44-37	1½" to 1¼" (44-36mm to 37-29mm)
FE061-047	2" to 1½" (60-48mm to 48-40mm)
DACE89-48	3" to 1½" (89-75mm to 48-40mm)
NAC0752	3" to 2" (89-75mm to 60-48mm)
FE111-049	4" to 1½" (111-100mm to 48-40mm)
FE113-059	4" to 2" (112-100mm to 60-48mm)
FE111-085	4" to 3" (114-97mm to 89-75mm)
FE163-111	6" to 4" (162-147mm to 114-97mm)

EazyConnector tolerance range of +1 / -2mm

EA CODE: LIMPIT4
BARCODE: 5060088875896

EA CODE: LIMPIT8
BARCODE: 5060088879146

EA CODE: LIMPIT10
BARCODE: 5060088875902

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Pipework & Fittings - Product Codes

EA Code	Pipe Length 2 Metre
U15-025	¾" x 2m Class E Pipe
U15-032	1" x 2m Class E Pipe
U15-050	1½" x 2m Class D Pipe
U15-063	2" x 2m Class C Pipe
U15-090	3" x 2m Class C Pipe
U15-110	4" x 2m Class C Pipe

(6m Lengths Available From EA Stockists. Additional Delivery Costs Will Apply)

EA Code	Sight Glass Single Union Each End
U40-050	1½" Sight Glass
U40-063	2" Sight Glass

EA Code	Reducing Sleeves (Imperial to pressure)
M35-050	1½" Reducer – 40mm
M35-063	2" Reducer – 50mm
M35-090	3" Reducer – 83mm
M35-110	4" Reducer – 110mm

EA Code	Hosetail
HOSETAIL15	1½" Solvent Weld (Black)
HOSETAIL15TH	1½" Threaded (Black)
PVCPGF0320	PGF Hose Adaptor BSP Male Thread 1"

EA Code	Single Union Ball Valve
K25-00-50	1½"
T3030200	½" BSP PVC

EA Code	Double Union Ball Valve
K25-50-25NEW	¾"
K25-50-32	1"
K25-50-50NEW	1½"
K25-50-63	2"
K25-50-90	3"
K25-50-110	4"

EA Code	Valterra Slide Valves
VALTERRA1.5	1½"
VALTERRA1.5NEW	1½" Female / Male thread
VALTERRA2	2"
VALTERRA3	3"
VALTERRA4	4"
VALTERRA110	110mm

EA Code	T-Piece Plain Female
K82-31-22	¾"
K82-31-33	1"
K82-31-55	1½"
K82-31-66	2"
K82-31-99	3"
K82-31-110	4"

EA Code	90° Bend / Elbow - Plain Female
K82-42-22	¾"
K82-42-33	1"
K82-42-55	1½"
K82-42-66	2"
K82-42-99	3"
K82-42-110	4"

EA Code	90° Swept Bend Plain Female
U44-050	1½"
U44-063	2"
U44-090	3"
U44-110	4"

EA Code	Plain Reducing Bushes
R81-022	¾" to ½"
R81-032	1" to ¾"
R81-050	1½" to ¾"
R81-052	1½" to 1"
R81-063	2" to 1½"
R81-070	3" to 1½"
R81-075	3" to 2"
R81-110	4" to 2"
R81-120	4" to 3"

EA Code	45° Bend
K82-51-22	¾"
K82-51-33	1"
K82-51-55	1½"
K82-51-66	2"
K82-51-99	3"
K82-51-110	4"

EA Code	Straight Connector Plain Female
K82-05-22	¾"
K82-05-33	1"
K82-05-55	1½"
K82-05-66	2"
K82-05-99	3"
K82-05-110	4"

EA Code	Straight Connector Convertor Metric - Imperial
K81-25-22	25mm to ¾"
K81-25-33	32mm to 1"
K81-25-55	50mm to 1½"
K81-25-66	63mm to 2"
K81-25-88	90mm to 3"
K81-25-110	110mm to 4"

EA Code	Threaded Adapter
RMA2.0630	2" Female to female threaded socket
R12063F	2" Male Threaded - 1.5" Female threaded

Pipework & Fittings - Product Codes

EA Code	Straight Connector Threaded Male to Plain Female
K82-23-33	1" thread to 1" pipe
K82-23-55	1½" thread to 1½" pipe
K82-23-66	2" thread to 2" pipe

EA Code	Straight Connector Threaded Female to Plain Female
K82-20-22	¾" thread to ¾" pipe
K82-20-33	1" thread to 1" pipe
K82-20-55	1½" thread to 1½" pipe
K82-20-66	2" thread to 2" pipe

EA Code	Single Union Plain female to plain female
K82-74-22	¾"
K82-74-33	1"
K82-74-55	1½"
K82-74-66	2"
K82-74-77	3"
K82-74-99	4"

EA Code	Single Union Female Threaded - Plain Female
K82-76-22	¾" thread to ¾" pipe
K82-76-33	1" thread to 1" pipe
K82-76-55	1½" thread to 1½" pipe
K82-76-66	2" thread to 2" pipe

EA Code	Single Union Male Threaded - Plain Female
K82-78-55	Union 1½" x 1½" Male
K82-78-66	Union 2" x 2" Male

EA Code	Pipe Clip / Clamps
K82-11-22	¾"
K82-11-33	1"
K82-11-55	1½"
K82-11-66	2"
K82-11-99	3"
K82-11-110	4"

EA Code	End Caps
K82-67-22	¾"
K82-67-33	1"
K82-67-55	1½"
K82-67-66	2"
K82-67-99	3"
K82-67-110	4"

Product Code	Non-Return Valves (Double Union)
K25-50-00	1½" Non Return Valve
I31N.0630	2" Non Return Valve

| EA Code	Adhesive and Cleaner
S79-0-500	Solvent Weld Adhesive - 500ml
S99-0-500	Pipe Cleaner 500ml

Flexible PVC Pond Hose

- Long lasting durable hose
- Easy to connect to hosetails
- For all uses
- Range of sizes

EA Code	Flexible PVC Pond Hose
HOSE12	12mm – steel wound
HOSE20	20mm
HOSE25	25mm
HOSE32	32mm
HOSE38	38mm
HOSE40	40mm
HOSE50	50mm

Airline & Fittings

- Ideal for use with EA AirPumps
- Simple push-fit connections
- Quality components
- Range of fittings available
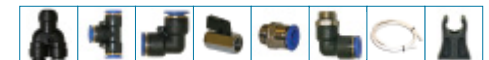
EA Code	Airline & Fittings
1000-042	12mm Equal Elbow
1000-023	12mm Equal Y
1000-030	12mm Equal Tee
1000-024	12mm Straight Connector
1000-085	3/8" Mini Ball Air Valve (F/F)
1000-080	3/8" BSP Male Stud End
1000-081	12mm x 3/8" Elbow BSP Male Thread
1000-135	12mm LPD Tube x 1m
1000-136	12mm LPD Tube x 30m
1000-138	15mm LPD Tube x 100m
K81-10-05	12mm Pipe Clips
AIRSTONE20CM	20cm Airstone Disc
SIL11-18-30500MM	Silicon Tubing 500mm

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Pond Volume Calculators

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INNOVATION IN WATER

Calculating pond volume of rectangular pond:

AVERAGE LENGTH	x	AVERAGE WIDTH	x	AVERAGE DEPTH	x	FACTOR	=	VOLUME
metres	x	metres	x	metres	x	1,000	=	litres
feet	x	feet	x	feet	x	6.25	=	gallons

Calculating pond volume of a circular pond (Pi x radius^2):

RADIUS	x	RADIUS	x	3.14	x	AVERAGE DEPTH	x	FACTOR	=	VOLUME
metres	x	metres	x	3.14	x	metres	x	1,000	=	litres
feet	x	feet	x	3.14	x	feet	x	6.25	=	gallons

Useful Conversions

CONVERTING LITRES TO GALLONS
(number of) litres x 0.219969
= (number of) UK gallons

CONVERTING GALLONS TO LITRES
(number of) UK gallons x 4.54609
= (number of) litres

CONVERTING US GALLONS TO LITRES
(number of) US gallons x 3.78541
= (number of) litres

CONVERTING CUBIC METRES TO LITRES
(number of) cubic metres x 1000
= (number of) litres

CONVERTING METRES TO FEET
(number of) metres x 3.28084
= (number of) feet

CONVERTING FEET TO METRES
(number of) feet x 0.3048
= (number of) metres

Pipe Dimensions

Evolution Aqua pressure pipe is available in 2 metre lengths (6 metre lengths are also available on request). Our grey PVC-U pipe complies to BS EN 1452 / BS3506. Please note, we only advise using pressure pipe on pond filtration installations. We never recommend using waste pipe.

SIZE	OUTER DIAMETER	THICKNESS	INNER DIAMETER
¾" CLASS E	26.7mm	2.2mm	22.3mm
1" CLASS E	33.6mm	2.4mm	28.8mm
1½" CLASS D	48.3mm	2.7mm	42.9mm
2" CLASS C	60.3mm	2.7mm	54.9mm
3" CLASS C	88.9mm	3.8mm	81.3mm
4" CLASS C	114.3mm	4.8mm	104.7mm

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