



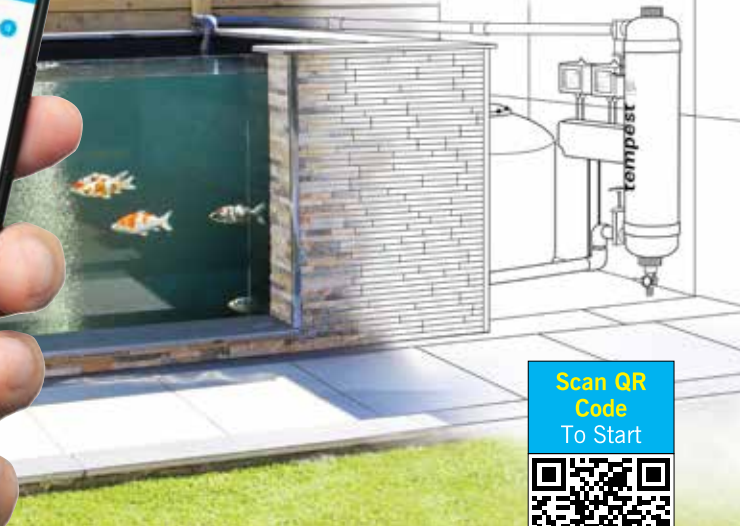
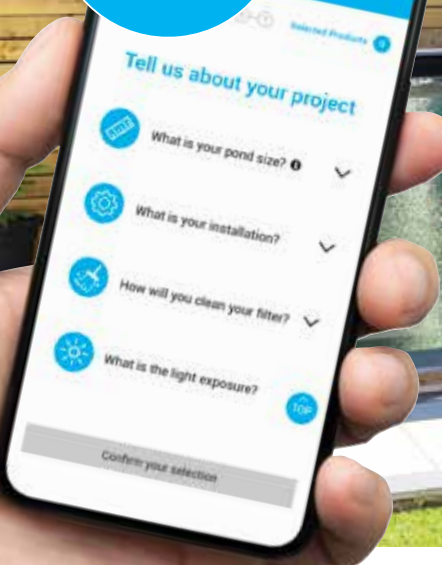
EVOLUTION AQUA

INNOVATION IN WATER



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It Now

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AQUA
INNOVATION IN WATER



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.



www.evolutionaqua.com/productselector



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**



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SAVE
TIME &
MONEY

KEEP
HANDS
DRY

WITH
18W
UVC

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, hosedetails and clear drain hose** included



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.

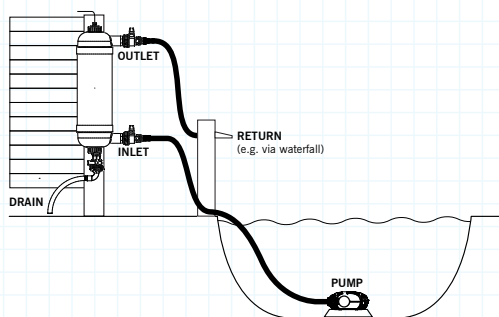
Simple To Set-Up

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.

Installation



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

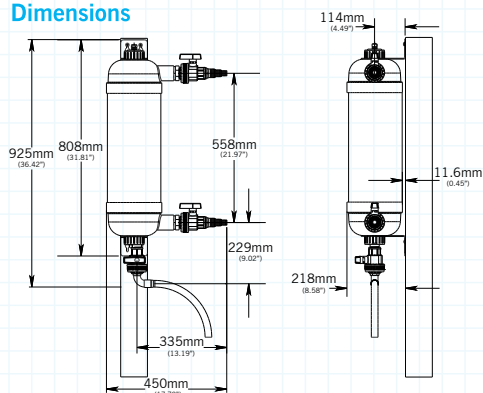
Simply turn the valves for quick and easy cleaning. With no filter sponges or foams, there's no mess, so you get to keep your hands clean and dry.

Reliable

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



Dimensions





**SELF-
CLEANING
FILTER**

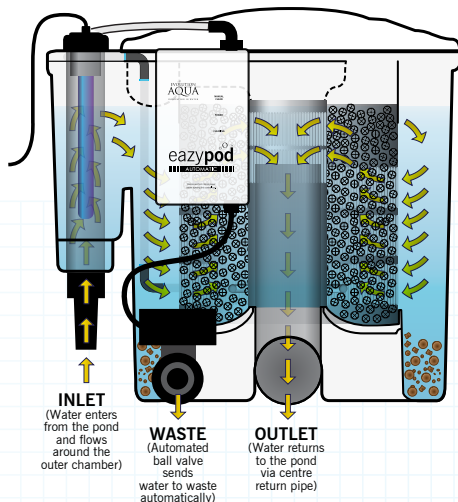


eazypod™

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



a	Max. Pond Size	Max. Feed Rate	Volume Of Water In Filter	Recommended Flow Rate	Air Pump	UV-C Bulb
eazypod 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
eazypoduv 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



FILTRATION

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.

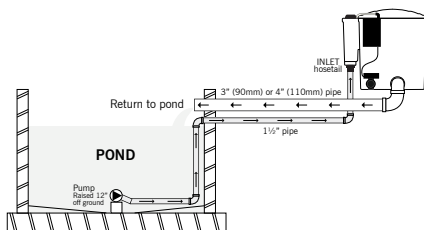
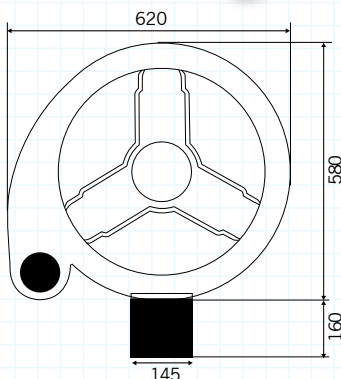
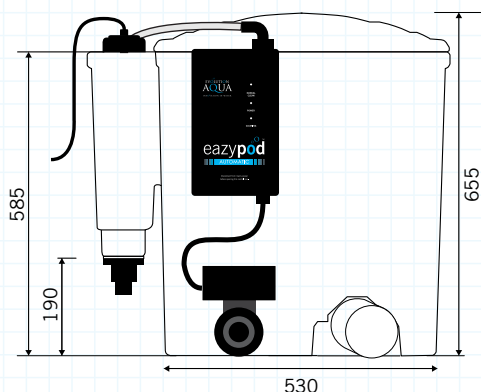


Diagram shows an example of a pump fed installation



eazypod™

■■■■■ AUTOMATIC ■■■■■ Dimensions (mm)





BUILT-IN
18W
UV-C

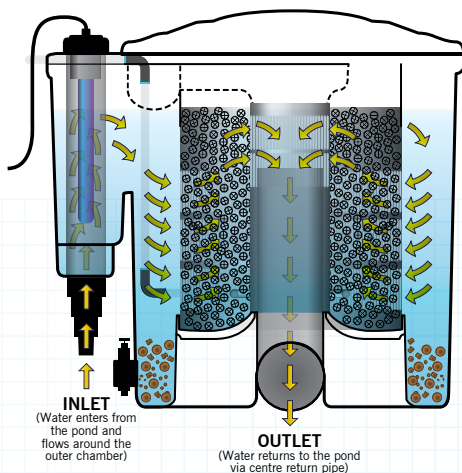


eazypodTM

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



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
eazypod ^{air}	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 ^{uv}	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



FILTRATION

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.

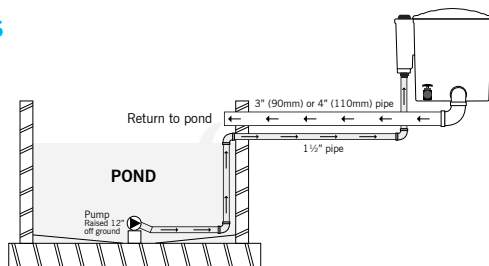


Diagram shows an example of a pump fed installation

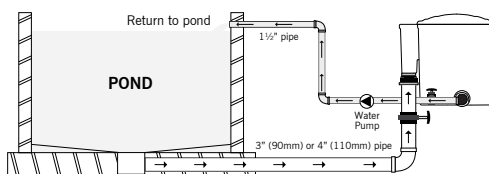
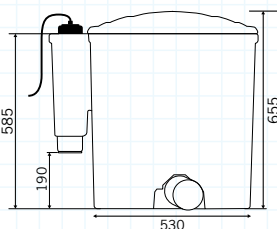
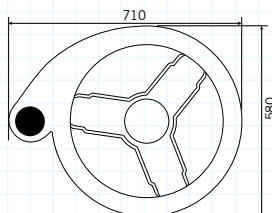
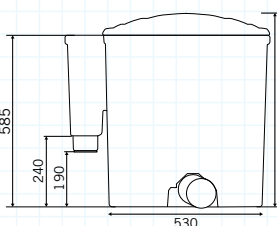
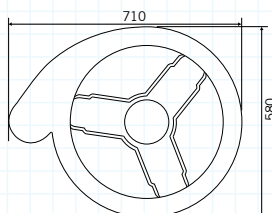


Diagram shows an example of a gravity fed installation for EazyPod and EazyPodAir models only

eazypodcomplete Dimensions (mm)



eazypod Dimensions (mm)





nexusTM

Award Winning Pond Filtration

Specifically designed for koi enthusiasts and pond keepers, the Nexus filter system is your best choice for maintaining a clean and healthy koi pond. Engineered for optimal performance, this advanced Koi pond filter provides unparalleled water clarity and quality.

The Nexus Koi Pond Filter effortlessly removes debris and maintains perfect water balance, ensuring a pristine environment for your prized Koi. It is also incredibly easy to clean thanks to our Air Clean Technology.



SCAN QR CODE
To Learn More



The Cost-Effective Choice

50%
£ LESS £

Value For Money

Nexus 320+ are around half the price of one of the leading drum filter competitors, based on a pond size of 34,000 litres.

SAVE
£ ⚡ £

Cheap To Run

Nexus are simple and effective to operate, with only one circulation pump and air pump needed to run the system.



Best For Filtration

Nexus have been delivering award winning filtration for over 20 years and are installed on ponds in over 30 countries.



FILTRATION

How A Nexus Filter Works

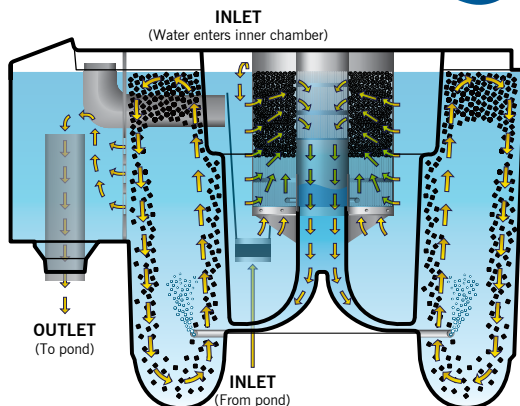
Water from the pond enters the **Nexus** via the inlet into the **inner chamber** which works as a **vortex** allowing **larger solids to settle out**.

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.

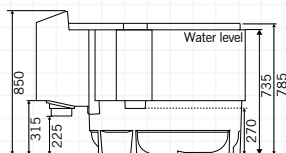
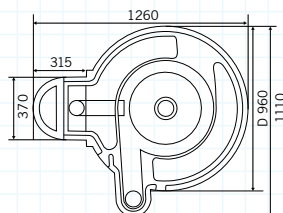
The **mechanically clean** water then passes to the outside chamber of the nexus where the **K+Media moving bed** is located for **biological treatment** prior to being returned to the pond.

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**.

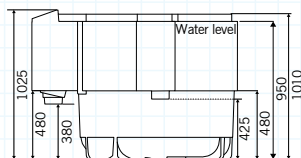
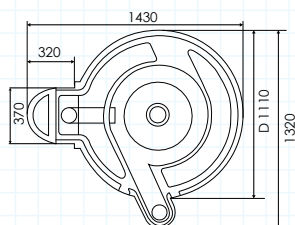
Water then passes through the exit grill into the outlet, returning back to the pond.



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).

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



nexusTi



Advanced Filtration With Titanium-Enhanced UV Technology

The new NexusTi combines Evolution Aqua's trusted Nexus filter with built-in Titanium-Enhanced UV Clarifiers — delivering crystal-clear, healthy water with maximum efficiency and minimal setup. The UV units are built directly into the clean water outlet of the Nexus filter, enabling optimal UV penetration and enhanced photocatalytic performance.

- **All-in-one Mechanical & Biological Filtration**
Nexus filtration technology with **K1Micro** and **K+Media**
- **Smart Design – Maximum Performance**
Optimum UV penetration, contact time and photocatalytic reaction
- **Faster Green Water Removal**
Up to 1.5× more effective than standard UV systems
- **Significant Savings on Pipework & Fittings**
No need for separate UV units, complex plumbing, fittings and clutter
- **Easy to maintain**, replace bulb, quartz sleeve with UV light indicator
- **Nexus220Ti** equipped with **2 x 36W Titanium Enhanced UVs**
- **Nexus320Ti** equipped with **2 x 55W Titanium Enhanced UVs**
- **Supports full automation** via **Nexus Automatic Systems**





UP TO
18,000
LITRES

UP TO
34,000
LITRES

nexus+

AirClean
TECHNOLOGY

Advanced Filtration System With K+Media

- **K+Media** for better **biological** filtration
- Vastly **improves filtration** and delivers **faster maturation**
- **K1Micro** inside the **EAZY** for **mechanical** filtration
- **Easy** to clean, with simple **Air Clean Technology**
- Install on a **pump-fed** or **gravity-fed** set-up
- Manufactured ready for **easy upgrade to Automatic**
- **Nexus lids** are available to **cover the Nexus filter** and also **accommodate the Nexus Automatic System**

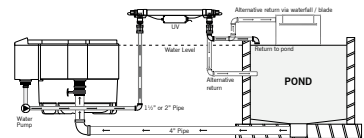


Diagram shows an example of a gravity fed installation

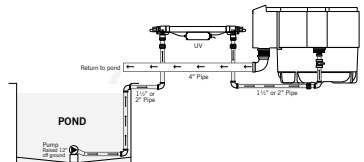


Diagram shows an example of a pump fed installation

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+ nexus220 fl	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+ nexus320 fl	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



AUTOMATE
YOUR
NEXUS

nexus™

AUTOMATIC SYSTEM

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

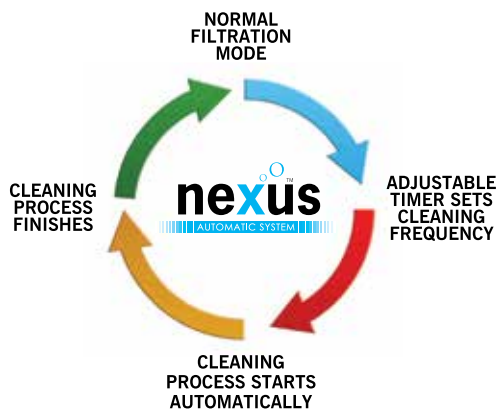
Lids are available to cover Nexus filters and accommodate the Automatic System. They also include a securing mechanism to ensure the lid is fitted and secure at all times.





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.



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.



AUTOMATIC INLET PLATE



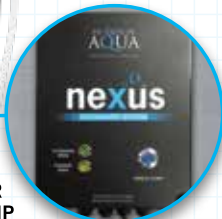
AIR CONTROL VALVE BOX



AUTOMATIC WASTE VALVE



CONTROL BOX



TO AIR PUMP

TO MAINS POWER & PUMP

FOUR
FILTER
SIZES

LOW
RUNNING
COSTS

EASY
TO
CLEAN

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+AdvancedFilter20	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+AdvancedFilter24	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+AdvancedFilter30	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+AdvancedFilter36	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"



FILTRATION

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 an attractive grey colour finish.

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"



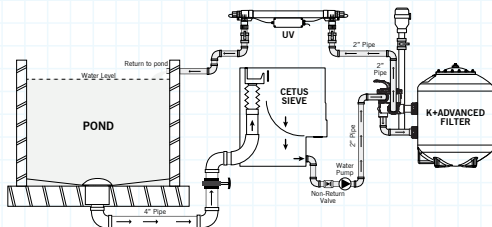
36"

Install on pump-fed or gravity-fed systems

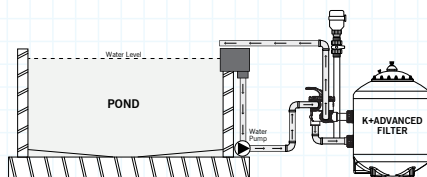
K+Advanced Filters are **versatile** and can be installed on **pump-fed** or **gravity-fed** setups. They can be used as a stand alone filter, in conjunction with a pre-filter, or it can be used on skimmer lines or as a polisher at the end of a system.



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

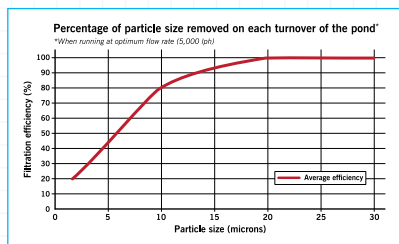


tempest



Innovative Polisher For Ponds

- Improves water quality and clarity
- Includes advanced K+Media
- Traps particles down to **one micron**
- Patented 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**



Model	Optimum Flow Rate	Maximum Flow Rate	Volume Of Water In Filter	K+Media Supplied	Inlet Size	Outlet Size	Waste Hosedail 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) / 25mm (EU)



FILTRATION

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 can also be used on quarantine systems up to 5,000 Litres / 1,100 Gallons / 1,320 US Gallons.

The Tempest polisher is **simple to install** and is **quick** and **easy to clean**, by way of **Air Clean Technology** - the **unique, patented air syphon design (UK Patent No. GB2550495B)**.

During the cleaning process, **air is drawn** into the filter as it empties which causes the **water to agitate**, effectively cleaning the **K+Media**.

Using Evolution Aqua's **K+Media** as the filter media, **particles down to one micron** can be filtered. Not only that, **K+Media** is the result of extensive **research** and **development**, **moulded with minerals** for **faster maturation times**.

Evolution Aqua filter media has been independently tested by **IFTS (Institut de la Filtration et des Techniques Séparatives)**.

Typical Installation Examples

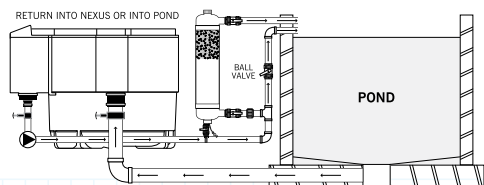
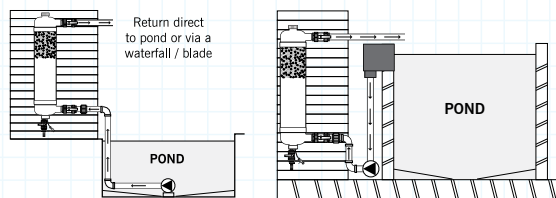


Diagram shows a Tempest installation with a gravity-fed filter



Pump-fed Tempest installation

Tempest installation on a skimmer line

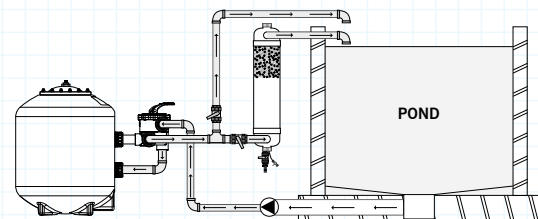
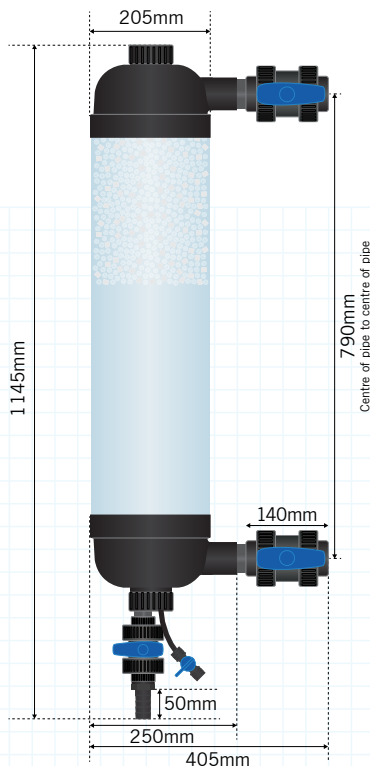


Diagram shows an example of a Tempest installation on a pressurised system

Dimensions





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



Generates
Hydroxyl
Radicals

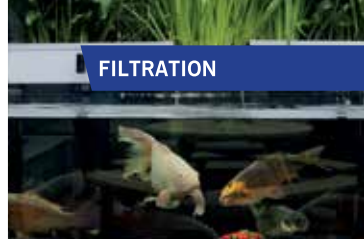
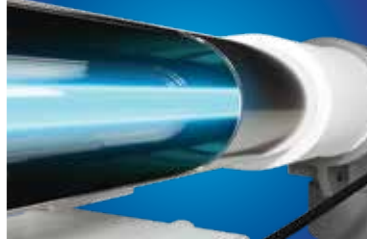


Clears
Green Water
Faster



Up To 1.5
Times More
Effective

Model	Max. Pond Size	Optimum Flow Rate	Max. Flow Rate	Bulb Power	Inlet / Outlet
evo55Ti <small>Titanium Enhanced UV Clarifier</small>	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 hose tails
evo110Ti <small>Titanium Enhanced UV Clarifier</small>	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



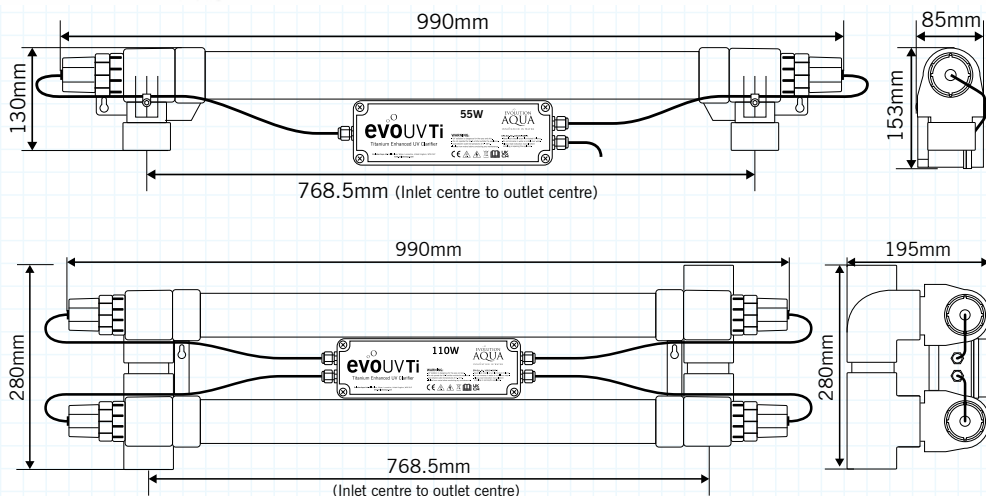
FILTRATION

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).





evouV

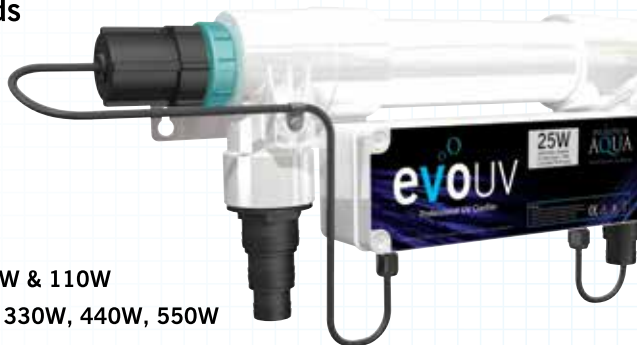
EVEN
EASIER TO
MAINTAIN

ALSO AVAILABLE

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





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.



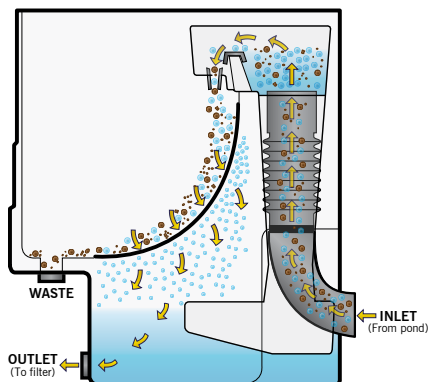
Model	Max. Pond Size	Optimum Flow Rate	Max. Flow Rate	Bulb Power	Inlet / Outlet	Dimensions (Ex. Hosesails)	Dimensions (Inlet To Outlet)
ev015	15,000 litres 3,300 gallons 4,000 US gallons	5,000 lph 1,100 gph 1,320 US gph	7,500 lph 1,650 gph 1,800 US gph	15W (1 x 15W T8)	1½" Comes with hosesails	540mm (l) 116mm (w) 153mm (h)	319mm Centre of inlet to centre of outlet
ev025	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 hosesails	540mm (l) 116mm (w) 153mm (h)	319mm Centre of inlet to centre of outlet
ev030	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 hosesails	990mm (l) 85mm (w) 153mm (h)	768.5mm Centre of inlet to centre of outlet
ev055	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 hosesails	990mm (l) 85mm (w) 153mm (h)	768.5mm Centre of inlet to centre of outlet
ev075	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 hosesails	1293mm (l) 85mm (w) 153mm (h)	1071.5mm Centre of inlet to centre of outlet
ev0110	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



cetussieve™

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)



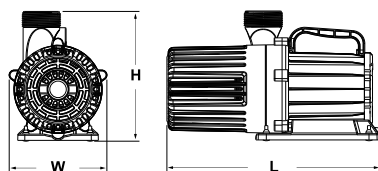
Model	Max. Flow Rate	Inlet - Gravity Fed	Inlet - Pump Fed	Outlet - Gravity Fed	Outlet - Pump Fed
cetussieve	18,000 lph 4,000 gph 4,755 US gph	110mm / 4" easy connector	4" on Cetus with additional 4" - 1½" easy connector	3" (90mm) on Cetus with additional 4" - 1½" easy connector	3" (90mm) on Cetus factory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



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



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

detoxTM



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.

EA CODE: FC12
BARCODE: 5060088870266

EA CODE: FC30
BARCODE: 5060088870280

 MANUFACTURED
IN THE UK



PURE

The Original And The Best

Our award winning PURE products were developed over 15 years ago. Our stable formulation gives market leading shelf life and bacterial counts. All of our PURE products are verified by third party testing facilities.

Easy To Dose

Innovative biodegradable gel ball delivery method. Simply drop into your pond or aquarium.

Innovative Biological Solutions

PURE products are manufactured in our own UK based facility, including research and development, which ensures quality control and traceability throughout the entire manufacturing process.

Crystal Clear & Healthy Water

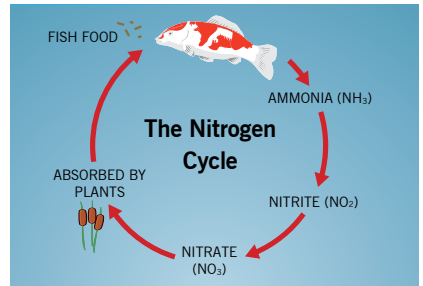




Why Use PURE POND?

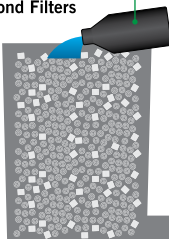
PURE helps to speed up and maintain a stable nitrogen cycle in ponds. The beneficial bacteria and enzymes in PURE break down compounds like ammonia and nitrite, reducing them to less harmful compounds like nitrate. This results in crystal clear, healthy water and less stressed fish.

Where To Use PURE POND?



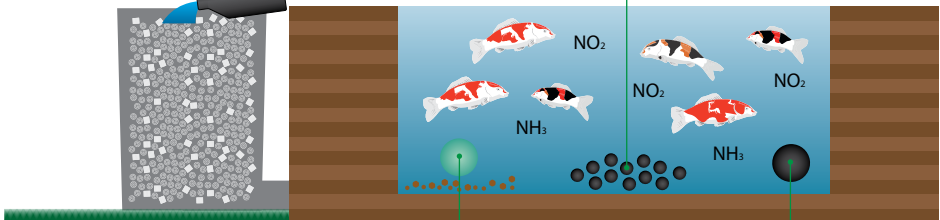
PURE+ FILTER START Gel

Live Bacteria Gel To Start Pond Filters



PURE POND

Maintains Crystal Clear And Healthy Water



PURE SLUDGE BOMB

Digests Sludge And Reduces Pond Maintenance



PURE POND BOMB

Fast Acting Live Bacteria For Emergency Use



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



MANUFACTURED
IN THE UK

PURE WILDLIFE

Live Beneficial Bacteria

- Ideal for **natural wildlife ponds**
- All natural product - **no chemicals**
- **Easy weekly dosing**
- **Maintains healthy water**
- Converts **ammonia** and **nitrite**
- **Reduces maintenance**

DUO
+CARE+



EA CODE: PUREPOND500
BARCODE: 5060088872369

EA CODE: PUREPOND1000
BARCODE: 5060088872376

EA CODE: PUREPOND2000
BARCODE: 5060088872871

EA CODE: PUREWLDUO
BARCODE: 5056231204170



DIGESTS
SLUDGE &
ORGANIC
WASTE

REDUCES
FILTER
CLEANING



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



BOOSTS
WATER
QUALITY

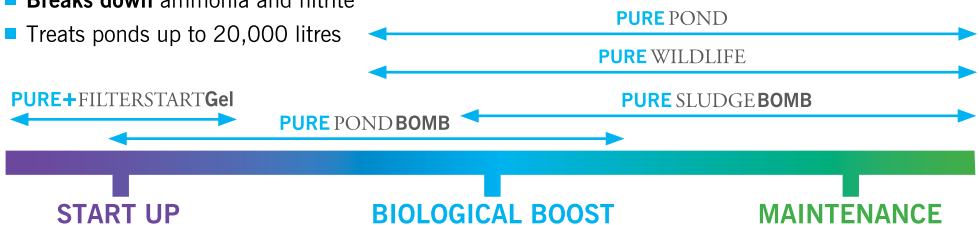
FAST
ACTING
GEL BALL



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



EA CODE: PONDBOMB250
BARCODE: 506008874103

EA CODE: PONDBOMB36
Trade display pack of 36 products

MANUFACTURED
IN THE UK



**SIMPLE
TO USE
TREATMENT**



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.





Improves
FILTER
Maturation



Ideal For
DIY
Projects

K+Media | K3+Media

Advanced Filtration Media

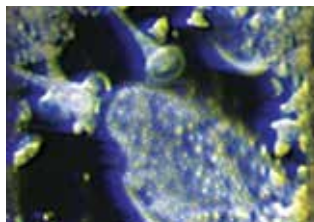
- 1025m² per m³ Protected Surface Area - **K+Media**
- 500m² per m³ Protected Surface Area - **K+Media**
- Minerals, magnesium, calcium, salt and enzymes incorporated into each piece during extrusion
- Filters mature faster with **K+Media** and **K3+Media**
- Reduces back pressure on pumps = **better efficiency**
- **K+Media** available in 25 litre & 50 litre bags
- **K+Media** available as floating or sinking
- **K3+Media** available in 50 litre bags



MANUFACTURED
IN THE UK



	K+Media	K3+Media
DIAMETER	10.2mm	25mm
LENGTH	8mm	10mm
TOTAL SURFACE AREA	1350m ² /m ³	800m ² /m ³
PROTECTED SURFACE AREA	1025m ² /m ³	500m ² /m ³





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	950m ² /m ³	1400m ² /m ³
PROTECTED SURFACE AREA	500m ² /m ³	950m ² /m ³



Filter feeders such as Vorticella and Rotifers within K1 Micro PSA



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**



Ideal for use with

evofeed
AUTOMATIC

800g Medium Pellet	EA CODE: F0312	BARCODE: 5060088873601
2kg Medium Pellet	EA CODE: F0322	BARCODE: 5060088873625
6kg Medium Pellet	EA CODE: F0342	BARCODE: 5060088873649
15kg Medium Pellet	EA CODE: F0362	BARCODE: 5060088873663



PREMIER

Quality Food For Koi And Pond Fish

800g Small Pellet	EA CODE: F0210	BARCODE: 5060088873045
800g Medium Pellet	EA CODE: F0212	BARCODE: 5060088873052
2kg Small Pellet	EA CODE: F0220	BARCODE: 5060088873069
2kg Medium Pellet	EA CODE: F0222	BARCODE: 5060088873076
6kg Small Pellet	EA CODE: F0240	BARCODE: 5060088873083
6kg Medium Pellet	EA CODE: F0242	BARCODE: 5060088873106
15kg Small Pellet	EA CODE: F0260	BARCODE: 5060088872406
15kg Medium Pellet	EA CODE: F0262	BARCODE: 5060088872413

WHEATGERM

All Year Round Fish Food

800g Small Pellet	EA CODE: F0110	BARCODE: 5060088873113
800g Medium Pellet	EA CODE: F0112	BARCODE: 5060088873120
2kg Small Pellet	EA CODE: F0120	BARCODE: 5060088873137
2kg Medium Pellet	EA CODE: F0122	BARCODE: 5060088873144
6kg Small Pellet	EA CODE: F0140	BARCODE: 5060088873151
6kg Medium Pellet	EA CODE: F0142	BARCODE: 5060088873168
15kg Small Pellet	EA CODE: F0160	BARCODE: 5060088872420
15kg Medium Pellet	EA CODE: F0162	BARCODE: 5060088872437

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

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: POND TREAT1KG	BARCODE: 5060088872426



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 Koi Care. 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.



KOI CARE RANGE NOW AVAILABLE

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

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 intervals** throughout the day
- **Rechargeable** lithium battery - adapter included
- **Fixing pegs** and **feeding chute** included



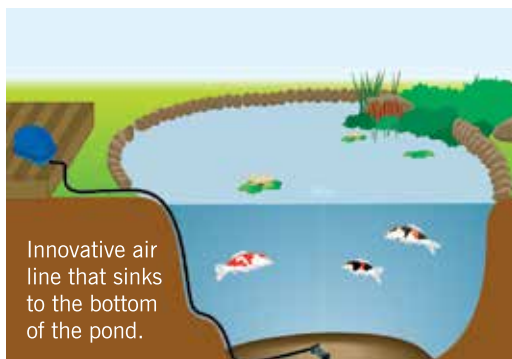
Feeding Range	Food	Container Volume	Power	Dimensions	EA Code	Barcode
1 to 3 metres 120° angle	3 to 10mm pellets only (Not suitable for flake and stick)	6 litre capacity	Built-in rechargeable battery (Indoor charger cable included)	370mm 310mm 400mm (including tray)	APF001	5056231200585



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**



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



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



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



eazycconnectors™

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


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 Converter 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	1½" thread to 1½" plain	
K82-78-66	2" thread to 2" plain	

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	

Flexible PVC Pond Hose

- Long lasting durable hose
- Easy to connect to hosedails
- 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

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 ($\text{Pi} \times \text{radius}^2$):

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
3/4" CLASS E	26.7mm	2.2mm	22.3mm
1" CLASS E	33.6mm	2.4mm	28.8mm
1 1/2" 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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