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- 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

Compatible with:

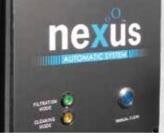
Models manufactured after 2006.

Gravity-Fed and Pump-Fed.











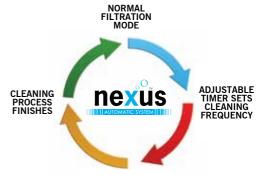
Automatic Cleaning Cycle

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.

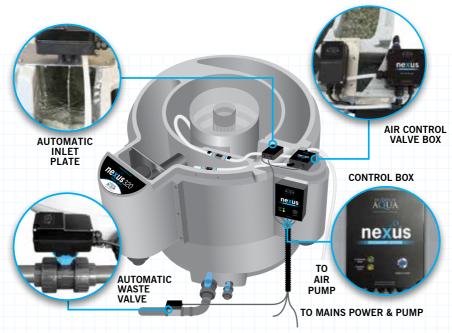
Overview of component parts

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

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

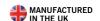


CLEANING PROCESS STARTS **AUTOMATICALLY**





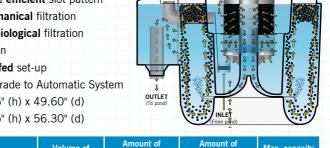
nexus



INLET

Multi-award winning filter systems

- Improved **EAZY** filter with a more efficient slot pattern
- NEW K1Micro in FA7Y for mechanical filtration
- K1Media in outer chamber for biological filtration
- Easy to install, simple to maintain
- Install on a pump-fed or gravity-fed set-up
- Manufactured ready for easy upgrade to Automatic System
- **nexus**220 43.70" (w) x 33.46" (h) x 49.60" (d)
- **nexus**320 51.96" (w) x 40.35" (h) x 56.30" (d)



Model	Max. pond size	Max. flow rate	Volume of water in nexus	Amount of K1 Micro supplied in EAZY filter	Amount of K1 Media supplied in Bio Chamber	Max. capacity for K1 Media
nexus220	4,800 US Gallons	2,640 US Gallons/hr	135 US Gallons	18 Litres 0.635 cu. ft. of K1 Micro	50 Litres 1.765 cu. ft. of K1 Media	150 Litres 5.297 cu. ft. of K1 Media
nexus320	9,000 US Gallons	3,431 US Gallons/hr	222 US Gallons	20 Litres 0.706 cu. ft. of K1 Micro	20 Litres 3.53 cu. ft. of K1 Media	300 Litres 10.594 cu. ft. of K1 Media







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 K1 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 K1 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.

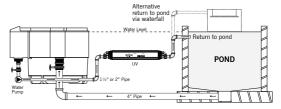


Diagram shows an example of a gravity fed installation

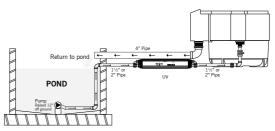
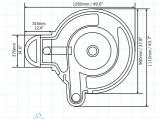
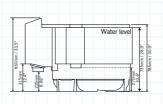


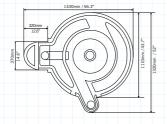
Diagram shows an example of a pump fed installation

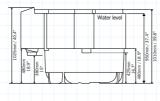
nexus 220 Dimensions (mm / inches)





nexus320 Dimensions (mm / inches)





Air Pump Requirements

You can increase the biological capacity of your Nexus by adding additional K1 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 K1 Media to move sufficiently (see table below for recommended size of air pump).

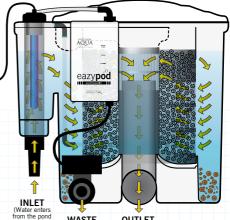
Total amount of K1 Media in the outer chamber	Recommended Evolution Aqua Air Pump
50 - 75 litres / 1.77 cu. ft 2.65 cu. ft.	Air Pump 75
75 - 100 litres / 2.65 cu. ft 3.53 cu. ft.	Air Pump 95
100 - 150 litres / 3.53 cu. ft 5.30 cu. ft.	Air Pump 130
150 - 300 litres / 5.30 cu. ft 10.6 cu. ft.	Air Pump 150



eazypod

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
- 24.4" (w) x 25.8" (h) x 29.1"mm (d)
- Available with or without UV
- Spec in Granite Green or Grey colour



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

WASTE (Automated ball valve sends water to waste automatically)

E OUTLET

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

Model	Max. pond size ornamental fish	Max. pond size with Koi	Max. feed rate	Volume of water in filter	Max. flow rate	Air pump	UV-C bulb
eazy pod	2,640 US Gallons	2,640 US Gallons	100 - 125g Per Day	21 US Gallons	2,640 US Gph	Built-In Inside Control Box	18 W PL-L
eazy pod uv	2,640 US Gallons	2,640 US Gallons	100 - 125g Per Day	21 US Gallons	2,640 US Gph	Built-In Inside Control Box	Х







Automatic cleaning

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 is a self-cleaning, mechanical and biological filter system for garden ponds up to 2,640 US Gallons.

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 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.

ATIC Dimensions (mm / inches)

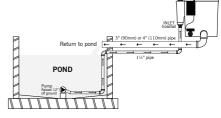
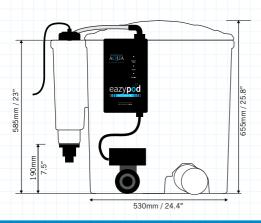
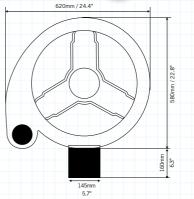


Diagram shows an example of a pump fed installation







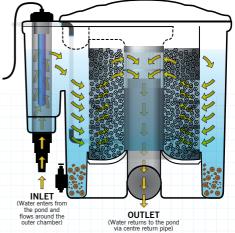
eazypod



eazypod complete

Complete filtration with UV-C

- Mechanical, biological and ultraviolet filtration
- For the ultimate in clarity and ease of use
- Simple to install, easy to maintain
- Available in Granite Green or Grey colour
- 24.4" (w) x 25.8" (h) x 29.1"mm (d)
- EazyPod and EazyPodAir models also available



Model	Max. pond size ornamental fish	Max. pond size with Koi	Max. feed rate	Volume of water in filter	Max. flow rate	Recommended air pump	UV-C bulb
eazy poď	2,640 US Gallons	2,640 US Gallons	100 - 125g Per Day	21 US Gallons	2,640 US Gph	Air Pump 70 Kit (Supplied)	18 W PL-L
eazy pod air	2,640 US Gallons	2,640 US Gallons	100 - 125g Per Day	21 US Gallons	2,640 US Gph	Air Pump 70 Kit (Supplied)	x
eazy pod	2,640 US Gallons	2,640 US Gallons	100 - 125g Per Day	21 US Gallons	2,640 US Gph	Air Pump 70 Kit (Not Supplied)	х







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 Media. Bio-films build up on the protected surface area within each piece of media, allowing biological filtration to take place.

After passing through the K1 Media, 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. The connected air pump is used during the cleaning cycle to agitate the K1 Media to free up any debris and waste that has built up within the filter.

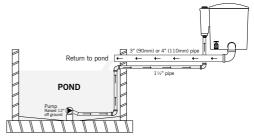


Diagram shows an example of a pump fed installation

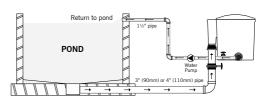
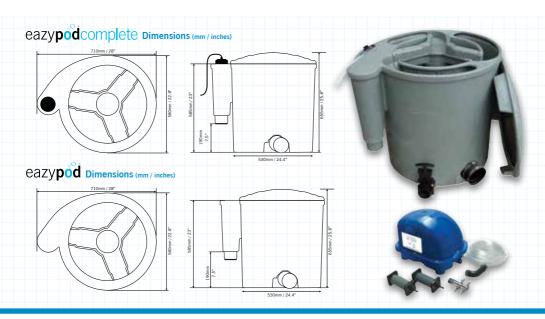


Diagram shows an example of a gravity fed installation for EazyPod and EazyPodAir models only



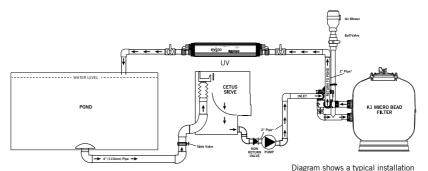


	Max. pond size	Diameter	Volume of K1 Micro Media	Multi-port Valve size	Air Blower size
K1MicroBead15	2,400 US Gallons	15"	25 litres / 0.88 cu. ft.	1½"	200W
K1MicroBead18	3,600 US Gallons	18"	30 litres / 1.06 cu. ft.	1½"	200W
K1MicroBead20	4,800 US Gallons	20"	50 litres / 1.77 cu. ft.	1½"	200W
K1MicroBead24	9,600 US Gallons	24"	100 litres / 3.53 cu. ft.	2"	200W
K1MicroBead30	14,500 US Gallons	30"	150 litres / 5.28 cu. ft.	2"	300W
K1MicroBead36	24,000 US Gallons	36"	250 litres / 8.83 cu. ft.	2"	300W









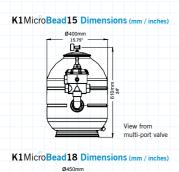
How the K1 Micro Bead filter works

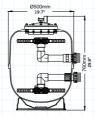
Water is pumped into the filter from the pond through the multi-port valve where the internal pipework directs the water to the bottom of the unit.

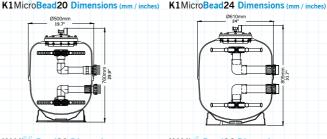
As the water flows upwards inside the K1 Micro Bead, dirt, debris and waste are trapped within the mass of K1 Micro filter media. The vast protected surface area provided by K1 Micro also provides a home for the beneficial bacteria, along with filter feeders such as Vorticella and Rotifiers delivering mechanical and biological filtration.

The filtered water flows back into the pipework at the top of the unit, through the multi-port valve and back down the return line into the pond.

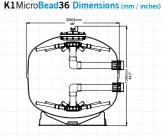
The K1 Micro Bead filter is incredibly easy to clean, by simply moving the handle on the multi-port valve into the corresponding positions to perform a backwash and a rinse of the K1 Micro media.



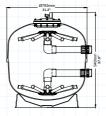




K1MicroBead30 Dimensions (mm / inches)















The Evolution Aqua evoUV deliver a more efficient and more economical performance than before thanks to their new design.

The new range includes completely redesigned 30 Watt and 55 Watt models and a 110 UV, a 15 Watt and 25 Watt model perfect for use on the smaller garden pond.

Our new 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	Max. flow rate	Bulb power	Inlet / Outlet	Fittings supplied	Dimensions
evo 15	4,000 US Gallons	2,000 US Gallons/hr	15W (1 x 15W T8)	1½"	2 x 1½" Threaded Hosetails	20.9" length x 6.6" high x 3.5" deep
evo 25	5,300 US Gallons	2,600 US Gallons/hr	25W (1 x 25W T8)	1½"	2 x 1½" Threaded Hosetails	22.8" length x 6.6" high x 3.5" deep
evo 30	7,900 US Gallons	4,000 US Gallons/hr	30W (1 x 30W T8)	1½"	2 x 1½" Threaded Hosetails	38.6" length x 6.6" high x 3.5" deep
evo 55	14,000 US Gallons	5,000 US Gallons/hr	55W (1 X 55W T8)	1½"	2 x 1½" Threaded Hosetails	38.6" length x 6.6" high x 3.5" deep
evo 110	19,500 US Gallons	6,000 US Gallons/hr	110W (2 X 55W T8)	2"	No Fittings Supplied	41.5" length x 9" high x 6.3" deep

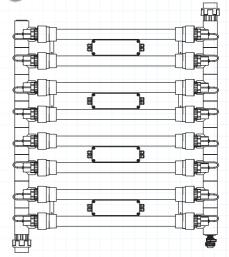


COMMERCIAL UV STERILISER

High quality UV sterilisers

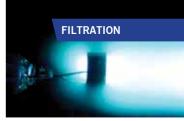
- Floor standing or wall mounted options
- Unique narrow design
- Electronic ballast
- PVC pipework
- Easy to shut-off and remove
- Genuine quartz sleeves
- 12 models available











Manufactured in-house in the UK, and fully serviceable, evoUV Commercial Sterilisers are reliable and economical. and available in a number of models and designs to suit your specifications.

Commercial evoUV Sterilisers use high quality, energy efficient ballasts coupled with the best Osram UV bulbs and quartz sleeves.

Slimline, safe, easy to fit, and easy to change the tubes and sleeves, evoUV Commercial **UV System** offer a complete sterilisation solution for a whole range of applications.



Model	Max. system volume	Standard flow rate*	Number of 55 Watt lamps	Total UVC Radiation emitted [†]	Fixing
evoUV COMMERCIAL 55 Watt	132 US Gals	500 US Gals	1	18	Wall Mountable
evoUV COMMERCIAL 110 Watt	264 US Gals	1000 US Gals	2	36	Wall Mountable
evoUV COMMERCIAL 220 Watt	528 US Gals	2,100 US Gals	4	72	Wall Mountable / Floor Standing
evoUV COMMERCIAL 330 Watt	793 US Gals	3,200 US Gals	6	108	Wall Mountable / Floor Standing
evoUV COMMERCIAL 440 Watt	1057 US Gals	4,200 US Gals	8	144	Wall Mountable / Floor Standing
evoUV COMMERCIAL 550 Watt	1320 US Gals	5,300 US Gals	10	180	Wall Mountable / Floor Standing
evoUV COMMERCIAL 660 Watt	1585 US Gals	6,600 US Gals	12	220	Wall Mountable / Floor Standing

^{*} at system volume per hour (litres per hour) † @253.7Nm (18w per lamp when new)(w)

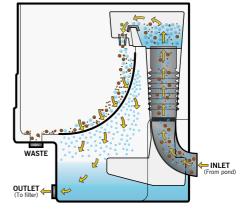




cetussieve

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
- 22.6" (w) x 37.2" (h) x 33.9" (d)



Model	Max. flow rate	Inlet - Gravity Fed	Inlet - Pump Fed	Outlet - Gravity Fed	Outlet - Pump Fed
cetussieve	4,755 US Gallons/hr	110mm / 4"	50mm / 1½" *See below	1½" *See below	4"

^{*}Use a 4" to 2" eazy connector (FE113-059), available separately, if 2" pipe is required for the installation.



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 pack sizes
- 500ml treats ponds up to 2,600 US Gals
- 1 Litre treats ponds up to 5,280 US Gals
- 2 Litre treats ponds up to 10,550 US Gals











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 2,640 US Gals
 2.5 Litre treats ponds up to 4,600 US Gals







Fast acting boost of clarity

- High concentration of bacteria and enzymes delivered in one gel-like ball
- Ideal for emergency use in ponds
- Quickly restores biological equilibrium
- Boosts clarity of water
- Breaks down ammonia and nitrite
- Cleans up organic waste
- Works with or without conventional filters
- 1 ball can be used on ponds up to 5,200 US Gals



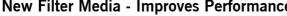












- 33,549 ft² per ft³ Protected Surface Area
- Used in nexus and K1MicroBead filters
- Creates an effective environment for the nitrification process to take place
- Increased protection for the bio-film
- Reduces back pressure on pumps
- Improved solids handling performance and flow rate
- Available in 1 litre, 5 litre, 25 litre and 50 litre bags

Product	Cubic feet
1 Litre	0.04 cu. ft.
5 Litre	0.18 cu. ft.
25 Litre	0.88 cu. ft.
50 Litre	1.77 cu. ft.









- Large Protected Surface Area
- Used with nexus and eazypod filters
- Ideal for use in moving bed filter systems
- Can also be used in box, pressure and multi-bay filters
- Increases the efficiency of a filter
- Suitable for mechanical and biological filtration
- Provides large surface area for bacteria to colonise
- Available in 1 litre, 3 litre, 25 litre and 50 litre bags

Product	Cubic feet
1 Litre	0.04 cu. ft.
3 Litre	0.11 cu. ft.
25 Litre	0.88 cu. ft.
50 Litre	1.77 cu. ft.





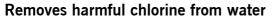








detox



- 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



detox Dechlorinato



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



airpumps

Reliable and economical air pumps

- For use when aerating ponds
- Provides consistent levels of oxygen in ponds
- High performance, reliable pumps
- Thermal protection as standard
- 5 models available

Model	Max. output (Litres per minute)	Output at 1m depth (Litres per minute)	Max. operating depth	Power usage (Watts)	Noise level (dBA)	Voltage (VAC)
Airpump 70 (Kit)	70 Lpm	52	10.5ft	34	<46	120V
Airpump 75 (Pump only)	75 Lpm	59	12.8ft	44	<46	120V
Airpump 95 (Pump only)	95 Lpm	78	14.3ft	62	<47	120V
Airpump 130 (Pump only)	130 Lpm	110	15.4ft	88	<50	120V
Airpump 150 (Pump only)	150 Lpm	130	18ft	106	<50	120V





eazy com	iec [0] 3	PIPEWORK & FITTING
EA Code	Eazy Connector - Straight Connectors	
FE027-027	3/4" (27mm to 22mm)	
FE035-035	1" (34mm to 24mm)	Al Territor
FE049-049	1½" or 40mm waste* (49mm to 41mm)	THE RESIDENCE OF
FE062-062	2" (61mm to 46mm)	U U
FE090-090	3" (92mm to 80mm)	
FE112-112	4" (114mm to 97mm)	
FE162-162	6" (170mm to 150mm)	
EA Code	Eazy Connector - Adaptors	
FE049-049	1½" to 40mm (49mm to 41mm)	
FE061-047	2" to 11/2" (60-48mm to 48-40mm)	A
NAC0752	3" to 2" (90-75mm to 64-50mm)	
FE111-049	4" to 11/2" (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)	

EA Code	Eazy Connector - Adaptors	
NAC1004	Nexus In/Out to 2" (122-115 to 68-61mm)	100
NPC125	Nexus In/Out to 4" (115 to 100mm)	(market

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

EA Code	Eazy Connector - Stop End Cap	
FE048C	1½" or 40mm waste*	
FE060C	2" (60 to 52mm) tee	
FE085C	3" (90 to 75mm) tee	1
FE112C	4" (115 to 102mm) tee	

EA Code	Sight Glass Single Union Each End	
U40-050	11/2" Sight Glass	
11/0 0/2	2" Sight Class	400 100

U40-050	1½" Signt Glass	and the same of th
U40-063	2" Sight Glass	4
EA Code	Double Union Ball Valve	
K25-50-50NEW	1½"	(Change)

K25-50-110	4"	
EA Code	Non Return Valve (Check valve)	
K25-50-00	1 1/2" Double Union Non Return Valve	-

EazyConnector tolerance range of +1 / -2mm



2"

3"

2" Double Union Non Return Valve

K25-50-63

K25-50-90

I31N.0630



AQUA USA

Evolution Aqua USA

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w: www.evolutionaquausa.com