

PUMP - Pre-filters

Male threaded stainless steel strainers

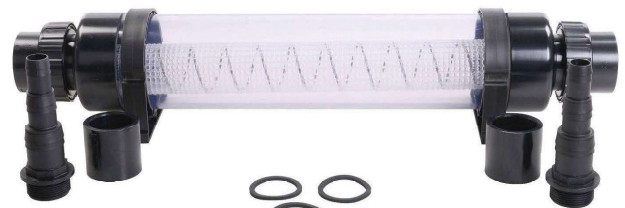
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1.5" male threaded stainless steel strainer	PW200	5.96
2" male threaded stainless steel strainer	PW201	7.52



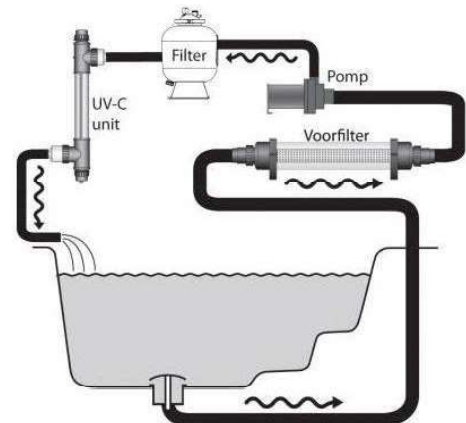
Aquaforte Pre-filter with unions

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The pre-filter ensures that larger waste solids in the pond water, such as leaves, small branches and larger algae particles are collected before they are caught up in the pump or in the filter. By pre-filtering the water, you prevent larger particles from clogging up or overloading the filter.

The service life of the pond pump is protected because large particles will not damage the impeller of the pump. The housing of the pre-filter is transparent, so it is easy to see when it needs cleaning. Max. pressure: 2 bar. Comes with unions for 63 & 50mm solvent pipe, 1½" female threading and hose tails 25/32/40mm. Benefits: - Extra pump protection. - Transparent. - Easy to install.



Aquaforte In-line Pre-filter (Dirty Harry)	PP3741	137.30
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Pre-Pump 250 & 500

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The 250mm and 500mm long Super tough (110mm diameter) plastic grid is an ideal solution for pump pickups required for pre-filtering larger flow rates. The Pre-pump strainer has a 2" flexible socket on the pump connection side.

Pre-Pump 250 (strainer grid)	PP3742	21.43
Pre-Pump 500 (strainer grid)	PP3743	26.79
1mtr x 110mm length of Grid Tube	PP3744	38.38



Pump Pre-filter Basket

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Universal pre-filter for i.e. pool pumps.
Fitted with easy to use lid. Connections: 2¾" fem. thr. (suction) and 2¼" male threading x 1½" fem. thr. (inlet).

Pre-filter Strainer Basket (Astral)	PF902	138.00
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PUMPS

SPECK PUMPEN

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Badutop 25 1.5HP 6300GPH	PP282	817.28
Badutop 20 1HP 5400GPH	PP283	739.96
Badutop 14 3/4HP 3900GPH	PP284	543.32
Badutop 12 1/2HP 3300GPH	PP285	455.00
Badutop 8 1/3HP 2850GPH	PP286	432.74
Badutop 6 1/4HP 2200GPH	PP287	408.60
Magic 6 1/3HP 1980GPH	PP289	365.71
Magic 4 1/4HP 1550GPH	PP290	349.44
Badu-top 42-5 2200GPH	PP291	309.66
Badu-top 42-8 3300GPH	PP292	318.75
Strainer pots for 42-5 and 42-8	PP293	97.74
Inlet / Outlet fittings for Magic Pumps	PP2901	12.93

In/Out	Watts
2"-1.5"	1400
2"-1.5"	1100
2"-1.5"	750
2"-1.5"	550
2"-1.5"	330
2"-1.5"	280
1.5" - 1.5"	250
1.5" - 1.5"	180
1.5" - 1.5"	300
1.5" - 1.5"	400
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The Speck Badu range of pumps are designed with high pressure performance in mind. These pumps are ideal for applications which require a large pumping head or where there may be some resistance eg. large pressure filters/ sand filters and long runs of pipe. The Badutop and Badu-Magic models have built in strainer baskets to protect the impeller which make them an ideal choice for use as a vacuum pump. **1 year warranty**

ECO TOUCH

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BADU ECO-Touch Pro Variable flow rate pump	PP2821	1280.67
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BADU[®]Eco Touch-pro, BADU[®]Eco Flow

Circulation pumps with programmable performance ranges

The innovative and patented motor technology of the two BADU[®]Green line pumps is revolutionising the previous pump standards from the point of view of energy consumption, operating costs and water quality. Every pump has three motor speed fields that can be set individually. This guarantees the most effective use and maximum energy saving in all performance ranges. Operation is intuitive. The BADU[®]Eco Touch-pro is designed for average swimming pools and the BADU[®]Eco Flow for large swimming pools.

• **Different motor speeds for optimum output**

The choice between three motor speed fields ensures the most effective output for all operating models e.g.: night mode (low motor speed), filter operation (medium motor speed), backwashes or solar absorber operation (high motor speed).

• **Individual adjustment for maximum savings**

The three variable motor speeds can be programmed individually and can be adjusted from 1000 to 2830 rpm in steps of 50. The empirical values 2000, 2400 and 2830 rpm are then pre-programmed.

• **Practical programming and information**

A display assists in setting conveniently and shows the motor speeds that have been programmed. The Eco mode deactivates the display illumination, minimising its energy consumption in this way.

• **The most comfortable handling**

The BADU[®]Eco Touch-pro and the BADU[®]Eco Flow can be controlled in a potential-free manner and so can also be networked with the filter control.



PUMPS

Aqua Vario Plus

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ENERGY AND COST-SAVING

A controlled motor reduces energy consumption and therefore considerably reduces the energy costs. Instead of letting the pool pump run permanently at maximum speed, you can adjust the conditions as you wish. At night, for example, a low speed will suffice and a medium speed to filter.

During backwashing you need full power again. Thus you can programme up to three speeds (2000/2400/2800) via the user interface, it's simple!

MATERIALS

The Aqua Vario Plus has a powder-coated motor and is corrosion resistant against swimming pool water and chemical additives. All housing parts are made from reinforced plastic, resistant to chlorine, and promise a long service life. Installed in the open, the pump should have simple protection against the effects of the weather.

NEW

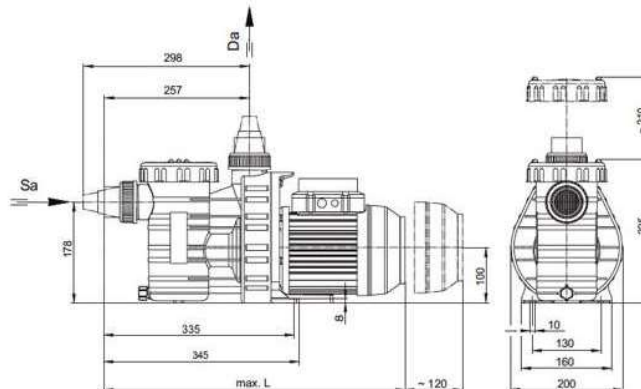
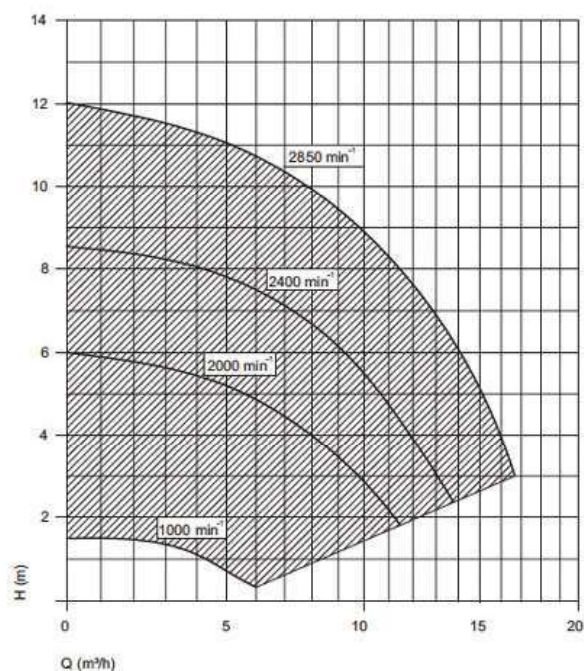


Design	Pool size (in m ³)	Flow rate... (in m ³ /h)	...at a dynamic head ¹ of (in m)	Power output P ₂ (in kW)	Sound level (in dB)
Vario Plus	max. 70 m ³	max. 14 m ³ /h	max. 12 m	max. 0.45 kW / 230 V	51 - 72 dB

BADU Aqua Vario Plus

PP2822

968,92



PUMPS

Aquamite

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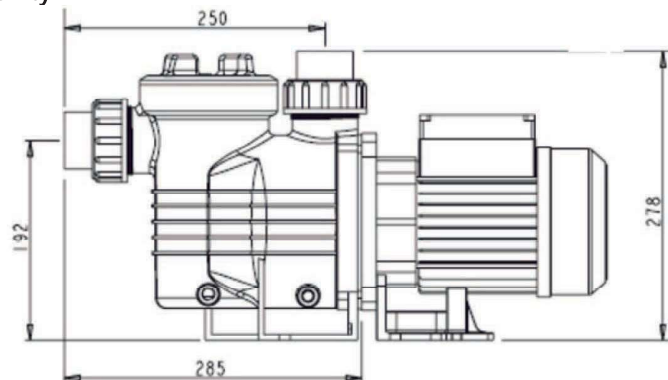
Aquamite 033 Pump	PP2801	441.92
Aquamite 050 Pump	PP2802	463.66
Aquamite 075 Pump	PP2803	479.62
Aquamite 1.00 Pump	PP2804	516.52

The Aquamite Pump has been designed for simplistic operation and easy maintenance. All Aquamite Pumps incorporates the latest in design testing and construction to produce a super-quiet, reliable pump. Aquamite Pumps are made from a one-piece moulded body which is strong, durable and non-corrosive. This simplistic form of construction makes for not only quiet operation, but also affords ease of maintenance and servicing.

The Aquamite Pump range has five models from 0.33 HP through to 1.25 HP all of which are supplied with a 2 year Manufacturer's Warranty.

Aquamite Pump Product Features:

- One piece moulded body.
- Simplistic operation.
- Super quiet.
- Strong, durable & non-corrosive.
- Transparent lid.
- 2 year Manufacturer's Warranty
- Efficient Impeller and Diffuser Design.



Efficient Impeller and Diffuser Design.

The Aquamite Pumps impeller and diffuser design maximizes the hydraulic output of the pump while minimizing turbulence. The Aquamite Pumps efficient hydraulic performance shortens run times and reduces energy consumption leading to lower operating costs.

Engineered Durability.

The Aquamite Pumps body is manufactured utilising state of the art engineering plastic moulding with a single piece strainer pot and volute for extra strength.



PUMPS

Flow friend / Flow friend Junior

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FLOW FRIEND	PP3071	2640,57
FLOW FRIEND PRO	PP3072	2861,07
FLOW FRIEND HP	PP3073	2657,10
FLOWFRIEND JUNIOR	PP3074	2259,81



FLOWFRIEND



FLOWFRIEND PRO
Higher flow rates with lower wattage



FLOWFRIEND HP
Higher flow rates with higher wattage

- extremely energy efficient
- standard RPM controls
- high flows at low energy consumption
- extremely quiet
- a highly efficient, new generation of permanent magnet motor
- optimised hydraulics, cast entirely from 316 stainless steel
- optimal coordination between pond and season
- a premium efficiency IE4 motor
- motor developed and manufactured in Germany
- can be deployed anywhere in the world: voltages ranging from 100-240V/50-60 Hz

Ability to adjust the FlowFriend's RPMs (600-2550 RPMs) is a standard feature. The pump includes a display for this purpose that also displays power consumption and hours of operation. The major benefit of permanent magnet motors compared to frequency controlled asynchronous motors is the remarkably high efficiency at low RPM. However, even at higher RPMs, these pumps are significantly more efficient.



The New flowfriend junior with external controls

The FlowFriend range has now been further extended with the FlowFriend Junior. The Junior has much in common with the current FlowFriend models, but it also has a number of significant differences.

Features-

- motor with IP67 protection class
- extremely energy-efficient
- external controller - short-circuit resistance and IP66
- 0-10V/0-20mA/4-24mA external control
- adjustable 2-40 m³/hour/20-370 Watt/500-3000 rpm
- without fan - extremely quiet
- IE6: latest generation permanent magnet motor (EC/BLDC)
- 7-metre pump head



PUMPS

Performance pumps

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Performance pro cascade pump 13000	PP370	585.00
Performance pro cascade pump 15000	PP371	616.45
Performance pro cascade pump 18000	PP373	637.42

Performance Pro Cascade pumps are a high efficiency, industrial grade pump. Ideal for your pond, water feature, or general transfer and recirculation needs. Performance Pro Cascade Pumps produce excellent flow rates at sufficient pressure (head) to really get the job done. The industrial

grade polypropylene housings are built for long term use. A strainer pot may be attached to facilitate priming in a suction lift application and to strain debris from the inflow. Performance Pro Cascade pumps are more energy efficient and have a higher flow rate and head pressure than Sequence pumps.

- Money saving high efficiency.
- 1.5 inch Female Threaded inlet and outlet - 50/60 hz
- Long life, corrosion resistant, 316 Stainless Steel shaft seals.
- Impeller interchangeability allows you to easily change your pumps' performance.
- Top-of-the-line U.S. motors. All 1725 rpm units are totally enclosed for excellent protection and long term reliability.
- Both pump ends and motors are designed for quiet operation.
- Safety first - out of pond pumps help protect both you and your fish from potentially dangerous oil or electrical leaks.
- 3 year limited warranty
- Strainer basket can be ordered separately



Performance Pro Model	Watt	Max lph	Max Head	@ 1 m	@ 1.5 m	@ 2.4 m
Performance 13000	90-135	13000	3.3 m	11 m3/h	9 m3/h	6.8 m3/h
Performance 15000	119-207	15000	4.5 m	14.8 m3/h	14 m3/h	12 m3/h
Performance 16000	116-179	16000	4.8 m	14 m3/h	12.5 m3/h	10.2 m3/h
Performance 18000	180-260	18000	5 m	16.1 m3/h	15 m3/h	12.9 m3/h

Performance pro Artesian Pro pump 1/4 - 66	PP3902	836.61
Performance pro Artesian Pro pump 1/3 - 73	PP3903	893.23
Performance pro Artesian Pro pump 1/2 - 92	PP3904	956.13
Performance pro Artesian Pro pump 3/4 - 105	PP3905	1025.32

PerformancePro ArtesianPro is the pump you need for your higher flow applications. PerformancePro ArtesianPro not only delivers great flow rates at useable heads, but it does so efficiently! You get the safety and convenience of self-priming along

with great energy savings. For ease of use, PerformancePro Artesian Pro provides a large strainer basket, and an easy open Lexan lid. The specially designed lid and clamp ring insure a positive seal with very little o-ring wear.

- *Money saving high efficiency pump and motor units.
- *Quick disconnect unions are included.
- *2" or 3" fittings are available for easy attachment. (Note: 3" also fits 2 1/2" pipe.)
- *Long life corrosion resistant Stainless Steel shaft seals.
- *Impeller interchangeability allows you to easily change your pump's performance.
- *Top-of-the-line motors. All 1725 rpm units are totally enclosed.
- *Fan cooled for extended service life.
- *Units offer quiet operation. *3 year limited warranty.



Artesian Pro Model	HP	RPM	Max Head	Mid Point Flow	Max Flow	Max True Watts
AP 1/4 - 66	1/4	1725	21 ft	3300 gph @ 16 ft	6600 gph @ 2 ft	370
AP 1/3 - 73	1/3	1725	23 ft	3660 gph @ 17 ft	7320 gph @ 3 ft	460
AP 1/2 - 92	1/2	1725	24 ft	4620 gph @ 18 ft	9240 gph @ 4 ft	620
AP 3/4 - 105	3/4	1725	23 ft	5400 gph @ 18 ft	10500gph @ 4 ft	830

PUMPS

OASE ProMax Mud Drain

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Regardless of whether contaminated water must be pumped out of shafts or pools – the OASE ProMax MudDrain pumps work reliably and are designed specifically for these challenging tasks. The powerful and robust OASE ProMax MudDrain pumps with delivery rates between 6000 and more than 30000 litres per hour, reliably pump polluted water with contamination particles to a diameter of 40 mm.



Adjustable handle: Easy and reliable positioning of the float in different positions | Convenient mounting on the connection of the pressure port positioned on top, through flipping it up | Can be unscrewed for permanent installation | Groove for rope fixation

For coarse debris: All models pump water with debris up to 30 mm in diameter

“A cool head”: Optimal heat dissipation of the motor thanks to water cooling, in conjunction with the stainless steel housing



OASE ProMax MudDrain 7000	PP3917	204.18
OASE ProMax MudDrain 11000	PP3918	290.58
OASE ProMax MudDrain 14000	PP3919	353.28
OASE ProMax MudDrain 20000	PP3920	510.52

-Optimal particle throughput: Rear 1½” pressure port for ideal flow-through and minimal resistance

-Robust and reliable: Automatic pump switch-on and switch-off through the float switch

-Well-protected: Ceramic-coated stainless steel shaft

-Secure stance: Minimal start-up pulses thanks to pressure port positioned along the central axis

-Powerful: Generously-dimensioned motors

-Versatile: Adjustable handle

-Solid: High-quality and robust stainless steel housing

-Easy to connect: Incl. 90° elbow and stepped adapter



PUMPS

OASE Promax Rain

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“A cool head”: Optimal thermal dissipation even at low water level thanks to the design that ensures water flows around the motor housing

Easy operation: Provided connection pieces and a kink protection element for a 1/2” hose enable fast and easy installation

No debris particles in the hose system:
Low-wear filter grille with incorporated fine stainless steel mesh protects the hose, garden shower, and similar attachments from clogging. Thanks to the bayonet closure, simply back-flush



OASE ProMax Rain 4000	PP3916	108.37
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- Effective particle entrapment: A fine filter screen prevents intake of debris, particles and clogging of lines and watering devices
- Water cooling: The pump design ensures that water flows around the motor, even at low water levels
- Powerful pressure: The special channel-type impeller enables high water pressure, ideal for watering
- Robust and reliable: Automatic pump switch-on and switch-off through the float switch



Pontec PondoMax

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OASE Pontec PondoMax Eco 1500	PP3312	99.83
OASE Pontec PondoMax Eco 2500	PP3313	129.92
OASE Pontec PondoMax Eco 3500	PP3314	177.79
OASE Pontec PondoMax Eco 5000	PP329	205.14
OASE Pontec PondoMax Eco 8000	PP330	232.50
OASE Pontec PondoMax Eco 11000	PP331	259.85
OASE Pontec PondoMax Eco 14000	PP3311	273.53
OASE Pontec PondoMax Eco 17000	PP332	314.56

pontec
Enriching WaterCare



The Pontec PondoMax pumps are an energy efficient pump for running filters and watercourses and is capable of handling solid particles of up to 8 mm. They are supplied with a stepped hose tail which can accommodate flexible hose of 1”, 1¼” & 1½” diameter. The cage is specially designed to prevent clogging by providing the maximum surface area. The Pontec PondoMax pumps can also be used dry mounted inline just like the Aquamax range, and have the same 1.5 inch threaded inlet and outlet.

To protect against overheating (due to dry running) these pumps also feature a thermal overload cut-out.

PUMPS

Aquaforce - O series

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AQUAFORTE O-4600 (46W)	PP386	108.05
AQUAFORTE O-6500 (65W)	PP375	112.55
AQUAFORTE O-8500 (95W)	PP376	117.06
AQUAFORTE O-10000 (120W)	PP377	135.06
AQUAFORTE O-13000 (130W)	PP378	162.08
AQUAFORTE O-16000 (180W)	PP379	175.58
AQUAFORTE O-18000 (220W)	PP380	193.59

The Aquaforce O Series Pond Pumps are designed to pump water containing solid material to a pond filter or a waterfall. The Aquaforce O Series pump cage is specially designed to prevent it clogging by providing the maximum surface area.

Aquaforce O Series Pond Pumps can also be used dry mounted



inline just like the Aquamax range, They also have the same 1.5 inch threaded inlet and outlet. When using a pond pump to power a filter system reliability is essential.

Key Features:

- Pumps large quantities of pond water with low electricity consumption
- Vortex impeller blade can handle solids up to 6 mm
- Pump outlet has a screw thread hosetail 25-38mm (1"- 1.5")
- 2 Year Manufacturer Backed Guarantee
- Aquaforce O Series Pond Pumps are also suited for dry application (inlet must be under water level).

Aquaforce - O PLUS series

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The Aquaforce O-Plus Series pond filter pumps are very energy efficient and innovative electronics! Aqua Forte pond pumps are Virtually silent. No copper parts and equipped with a wear-resistant ceramic shaft. The pump switches off automatically when there is no water in the rotor. By blockage of the impeller, the pump will turn into a "lock" position allowing no power and wait until the blockage is cleared, this prevents the motor from burning out.

AQUAFORTEO-3500 PLUS	PP3801	135.06
AQUAFORTE O-5000 PLUS	PP3802	139.57
AQUAFORTE O-6500 PLUS	PP3803	144.07
AQUAFORTE O-8000 PLUS	PP3804	148.57
AQUAFORTE O-10000 PLUS	PP3805	157.57
AQUAFORTE O-13000 PLUS	PP3806	184.59
AQUAFORTE O-15000 PLUS	PP3807	202.60
AQUAFORTE O-20000 PLUS	PP3810	225.11

Lph	Watts
3500	25
5000	40
6500	50
8000	70
10000	85
13000	110
15000	135
18000	170
20000	200



Aquaforce - DM series

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AQUAFORTE DM-3500 (25W)	PP3843	126.23
AQUAFORTE DM-5000 (40W)	PP3844	130.91
AQUAFORTE DM-6500 (50W)	PP3845	135.58
AQUAFORTE DM-8000 (70W)	PP3846	140.26
AQUAFORTE DM-10000 (85W)	PP3847	144.93
AQUAFORTE DM-13000 (110W)	PP3848	177.66



Very energy efficient pumps with innovative Electronics! Low noise operating level. Suited for salt and fresh water, no copper parts. Fitted with durable ceramic shaft. When the impeller is blocked it will go into a "lock" position in which the pump does not use power and waits until the blockage is gone. This will prevent a motor burn out. Competitive priced dirty-water pumps for water gardens, waterfalls, fountains, filters, etc. Can pump solids up to 6mm. 2 year warranty. Suited for dry application (inlet must be under water level).

PUMPS

Aquaforte - P series

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AQUAFORTE P-15000 (290W) High Pressure	PP381	242.21
AQUAFORTE P-20000 (420W) High Pressure	PP382	251.22
AQUAFORTE P-25000 (520W) High Pressure	PP383	269.23
AQUAFORTE P-35000 High Pressure	PP384	431.30
AQUAFORTE P-40000 High Pressure	PP3841	561.64



The **Aquaforte P Series** Pond Pumps are designed to pump water containing solid material to a pond filter or a waterfall.

The **Aquaforte P Series** Pond Pumps cage is specially designed to prevent it clogging by providing the maximum surface area.

Aquaforte P Series Pond Pumps can also be used dry mounted inline. They also have the same threaded inlet and outlet. When using a pond pump to power a filter system reliability is essential. That is why the Aquaforte P Series Pond Pumps key features provide total reassurance.

Features-

- Pumps large quantities of pond water with low electricity consumption
- Vortex impellar blade can handle solids up to 6 mm
- Pump inlet are all 2 inch
- Pump outlet 1.5 inch up to P25000
- Pump outlet 2 inch from P30000 uo to P40000
- Pump outlet has a screw thread hosetail 25-38mm (1"- 1.5")
- 2 Year Manufacturer Backed Guarantee
- Ecomax P Series Pond Pumps are also suited for dry application (inlet must be under water level).
- Ecomax P Series High Pressure pond Pumps are suitable for both horizontal and vertical use.
- Ecomax P series High Pressure Pumps have a strong head pressure.

Superfish Pond ECO

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SUPERFISH POND ECO 2900-14 W UK	PP343	85.49
SUPERFISH POND ECO 4900-29 W UK	PP344	94.99
SUPERFISH POND ECO 8500-41W UK	PP345	123.49
SUPERFISH POND ECO 12500-85W UK	PP346	142.49
SUPERFISH POND ECO 15500-130W UK	PP347	151.99



The Superfish PondEco pumps are designed to pump water containing solid material to a pond filter or a waterfall.

The PondEco pumps cage is specially designed to prevent it clogging by providing the maximum surface area. PondEco pumps can also be used dry mounted inline just like the Aquamax range, They also have the same 1.5 inch threaded inlet and outlet. When using a pond pump to power a filter system reliability is essential. That is why the PondEco pumps key features provide total reassurance.

Thermal Resettable Fuse

PondEco pumps have a TRF (Thermal Resettable Fuse) this device automatically switches off the pump if it overheats to prevent motor damage. Once cooled, about 15 to 20 minutes the pump will switch itself back on.

PUMPS

Aquaforte - DM Vario-S

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AQUA FORTE

Click to view



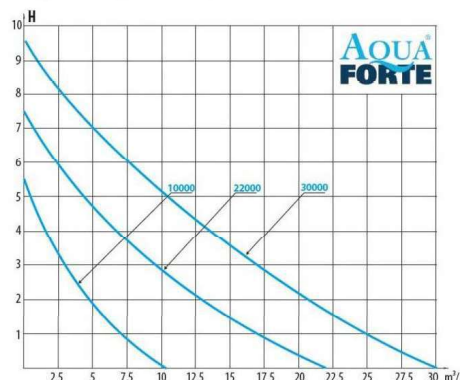
User Manual

AQUAFORTE DM-Vario S 10000	PP3685s	303.57
AQUAFORTE DM-Vario S 22000	PP3686s	393.85
AQUAFORTE DM-Vario S 30000	PP3687s	563.13
DM-Vario S 10000 (Spare Controller)	PP3685SC	135.52
DM-Vario S 22000 (Spare Controller)	PP3686SC	175.82
DM-Vario S 30000 (Spare Controller)	PP3687SC	251.40

WATT	FLOW	MAX. HEAD	IN-/OUTLET
15-85	4-9m³/h	5 mtr	2"
34-187	9-20m³/h	7 mtr	2"
52-300	12-24m³/h	8 mtr	2"

New series variable pumps for a very competitive price!

The DM-Vario pumps are suited for outdoor use and are suited for wet & dry applications. With the external controller you can adjust the flow (and thus the energy consumption) from 30% to 100%. The controller can also start/stop the pump (pause button). Provided with synchronous motor and wearproof ceramic shaft for long time use. Automatic power-off protection when running dry. When the impeller is blocked it will go into a "lock" position in which the pump does not use power and waits until the blockage is gone. This will prevent a motor burn out.



Aquaforte - DM Vario-S WIFI



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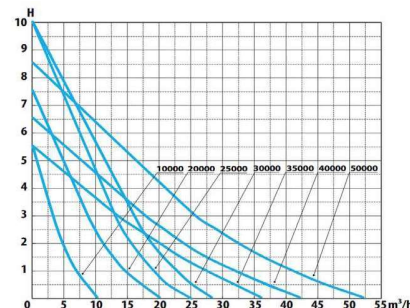
AQUAFORTE DM-VARIO S SERIES WITH WIFI

Europe's most popular pump range is now available with Wi-Fi! Using the free iOS or Android APP, these pumps are fully controllable in flow, on/off status and time zones. For example, you can make the pump run slower at night or give a waterfall full flow at certain times of the day.



These pumps have their own Wi-Fi signal so they can work without a router system!

In/outlet: 2" male thread.



AQUAFORTE DM-Vario S WIFI 10000 NEW	PP510	336.24
AQUAFORTE DM-Vario S WIFI 20000 NEW	PP511	423.29
AQUAFORTE DM-Vario S WIFI 25000 NEW	PP512	597.40
AQUAFORTE DM-Vario S WIFI 30000 NEW	PP513	651.79
AQUAFORTE DM-Vario S WIFI 35000 NEW	PP514	675.93

WATT	MAX FLOW M³/H	MAX. HEAD
85	10	5,5m
130	18,5	7,5m
360	25	10m
450	29	10m
360	36	5,5m

AQUA FORTE

PUMPS

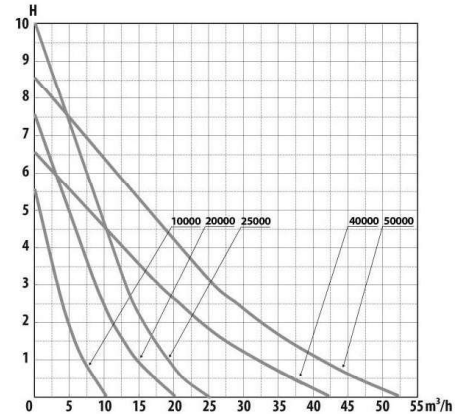
Aquaforte - PRIME Vario WIFI



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AQUAFORTE PRIME VARIO POND PUMP WITH WIFI

Now available with Wi-Fi! Using the free iOS or Android APP, these pumps are fully controllable in flow, on/off status and time zones. For example, you can make the pump run slower at night or give a waterfall full flow at certain times of the day. These pumps have their own Wi-Fi signal so they can work without a router system! The housing of these new DM Vario pumps is made of a fiberglass reinforced plastic so it is more resistant to external influences. Suited for dry applications. Pump head can be rotated for more flexible installations. The Prime models have a deluxe LCD color display for more information.



Model	Code	Price
AQUAFORTE PRIME Vario WIFI 10000 NEW	PP505	347.76
AQUAFORTE PRIME Vario WIFI 20000 NEW	PP506	429.82
AQUAFORTE PRIME Vario WIFI 25000 NEW	PP507	614.48
AQUAFORTE PRIME Vario S WIFI 40000 NEW	PP508	717.07
AQUAFORTE PRIME Vario S WIFI 50000 NEW	PP509	819.65

WATT	MAX FLOW M ³ /H	MAX. HEAD
85	10	5,5 m
200	20	7,5 m
360	25	10,0 m
450	42	6,5 m
600	52	8,5 m

Inlet/outlet:

Model
10000/2000/25000: 2" male thread,
Model 40000/50000: 3" male thread.

Aquaforte - DM-E

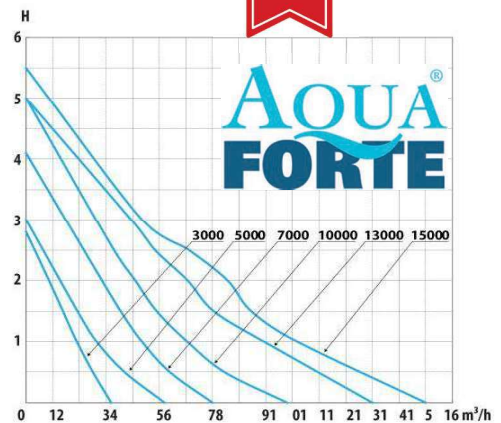


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Aquaforte DM-E series. A new generation of pumps equipped with the latest technology in the field of brushless, permanent magnet, motors. This technique ensures high performance and low power consumption. Suitable for wet and dry installation (under water level). Suitable for fountains, waterfalls, streams, etc. Adjustable flow is possible with the optional FC300-E Flow Controller or the smart SFC300E Flow Controller with Wi-Fi.



SFC300E & FC300E controllers available for use with these pumps



AQUAFORTE DM-E 3000 NEW	PP515	120.69
AQUAFORTE DM-E 5000 NEW	PP516	127.93
AQUAFORTE DM-E 7000 NEW	PP517	130.34
AQUAFORTE DM-E 10000 NEW	PP518	140.00
AQUAFORTE DM-E 13000 NEW	PP519	171.52
AQUAFORTE DM-E 15000 NEW	PP520	181.03
AQUAFORTE SFC-301E Flow Controller for DM-E Pumps (with Wifi)	PP522	65.34
AQUAFORTE FC-301E Flow Controller for DM-E Pumps	PP523	41.03

PUMPS

EA Varipump

M

EA Varipump 10000	PP3691	214.15
EA Varipump 20000	PP3692	280.46
EA Varipump 30000	PP3693	433.46
EA Varipump 10000 (Spare controller)	PP3691C	111.53
EA Varipump 20000 (Spare controller)	PP3692C	146.08
EA Varipump 30000 (Spare controller)	PP3693C	225.75



Varipump Specifications

	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"	1½"	10,000	2,200	2,642	3.1m	75W
Varipump 20000	2"	2"	20,000	4,400	5,283	5.5m	190W
Varipump 30000	2"	2"	30,000	6,600	7,925	5.5m	450W



Varipump 10000

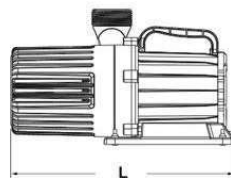
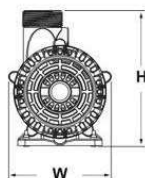


Varipump 20000



Varipump 30000

Varipump Dimensions



	DIMENSIONS	CABLE LENGTHS
Varipump 10000	267mm (L) x 122mm (W) x 162mm (H)	2 metre cable from plug to control box 10 metre cable from pump to control box
Varipump 20000	319mm (L) x 142mm (W) x 181mm (H)	
Varipump 30000	370mm (L) x 155mm (W) x 205mm (H)	

PUMPS

Blagdon Amphibious IQ

G

Blagdon Amphibious IQ 2250-4500	PP3694	217.63
Blagdon Amphibious IQ 3000-6000	PP3695	231.27
Blagdon Amphibious IQ 4500-9000	PP3696	280.03
Blagdon Amphibious IQ 6000-12000	PP3697	310.41

Choosing a pump - Lift chart (Blagdon pump flow rate in litres per hour)
 RFR Realistic flow rate when installed & running through pipe work, filter & a waterfall.

4.5m				800 lph
4.0m			600 lph	2,200 lph
3.5m		900 lph	1,300 lph	2,900 lph
3.0m		1,300 lph	2,000 lph	3,600 lph
2.5m	1,000 lph	2,000 lph	2,900 lph	4,400 lph
2.0m	1,400 lph	2,600 lph	3,500 lph	5,800 lph
1.5m	2,100 lph	3,500 lph	5,100 lph	6,200 lph
1.0m	2,800 lph	4,500 lph	6,200 lph	7,900 lph
0.5m	3,900 lph	5,100 lph	6,900 lph	9,500 lph
0.0m	4,900 lph	5,900 lph	8,700 lph	11,200 lph
MODEL	2250-4500	3000-6000	4500-9000	6000-12000



IQ Amphibious Digital Motor Technology:-

Digital motors convert less electrical energy to heat than conventional pond pump motors, saving on energy. Microprocessors control and monitoring allows for a host of convenient and energy saving features for your pond or water feature.

Motor Protection System

If the amphibious IQ detects that the motor is clogged or jammed it will pause and display the scrolled text 'motor jammed, clean impeller, clean rotor'. When the clogging has been removed the pump can safely restart.

Flexible Power Usage Control & Display

Stop, start, increase or decrease power and flow at the push of a button for optimum performance and maximum energy saving.

Run Dry Protection System

If the Blagdon Amphibious IQ detects that it has run out of water it will pause and display the scrolled text 'water low, add water'. Once water has been added the pump will safely restart.

Soft Start

When the Amphibious IQ is turned on, the flow of water will slowly increase to its pre set position. This reduces pump wear and reduces stresses on pipework and pond filters fitted to the system, decreasing the risk of leaks and damage.

The Amphibious IQ can be placed anyway up whilst in the pond, its casing has equally distributed holes all the way around which ensures an even flow of water to the pump so should debris create a partial blockage the pump will continue to work. The impeller also has clear housing making it easy to check for possible blockages or damage without having to undo it. With a three year guarantee the Amphibious IQ pack contains a pump, controller, hose tails and a complete set of fittings.

PUMPS

Superfish ECO-Plus E

SUPERFISH POND ECO PLUS E 3500 - 14W *UK*	PP3511	132.99
SUPERFISH POND ECO PLUS E 5000 - 22W *UK*	PP3512	142.49
SUPERFISH POND ECO PLUS E 8000 - 41W *UK*	PP3513	156.74
SUPERFISH POND ECO PLUS E 10.000 - 68W *UK*	PP3514	170.99
SUPERFISH POND ECO PLUS E 12.000 - 85W *UK*	PP3515	180.49
SUPERFISH POND ECO PLUS E 15.000 - 130W *UK*	PP350	189.99
SUPERFISH POND ECO PLUS E 20.000 - 150 WATT *UK*	PP351	218.49



Electronic Filter pump for Koi and fish ponds. The new engine offers very good performance and high head at a very low power consumption (approx. 5 Watt per 1.000 L/h). A pond pump that truly deserves a “green label”! Electronic filter pump for Koi and Fish ponds with low energy consumption, optimal dirt transport and long service life. The Superfish PondECO Plus E pumps are extremely reliable in operation.

Run Dry and overload protection-

The pump is equipped with Run Dry Protection, 10 seconds after being taken away from water, the water pump will stop to protect it from running dry, it will try to re start after 10 seconds, if without water, it will stop again, this cycle will repeat 5 times, then the pump will stop. To re-start the pump take plug from main and plug back in and ensure pump is working well.

The pump has a thermal overload safety device. In the event of any overheating of the motor, this device automatically switches off the pump. The cooling time is roughly 15 to 20 minutes, then the pump automatically comes on again. If the overload cutout is tripped, it is essential to identify and deal with the cause of the overheating.



Technical specifications

Model	Max Pump cap.	H.max	Outlet	Power
PondECO Plus E 3500	3,500 L/h	2.0 m	25/32/40 mm	14 Watt
PondECO Plus E 5000	5,000 L/h	3.0 m	25/32/40 mm	22 Watt
PondECO Plus E 8000	7,800 L/h	4.2 m	25/32/40 mm	41 Watt
PondECO Plus E 10000	9,200 L/h	5.8 m	25/32/40 mm	68 Watt
PondECO Plus E 12000	11,200 L/h	6.0 m	25/32/40 mm	85 Watt
PondECO Plus E 15000	15,000 L/h	6.5 m	40/50 mm	130 Watt
PondECO Plus E 20000	19,500 L/h	6.0 m	40/50 mm	150 Watt

Superfish ECO-Plus RC

SUPERFISH POND ECO PLUS RC 5000 *UK*	PP3471	189.99
SUPERFISH POND ECO PLUS RC 10.000 *UK*	PP3472	199.49
SUPERFISH POND ECO PLUS RC 15.000 *UK*	PP3473	227.99
SUPERFISH POND ECO PLUS RC 20.000 *UK*	PP3474	246.99

The Superfish Pond ECO Plus RC 15000 Pump is now available with remote control that enables you to easily adjust your pond pump flow capacity. The remote control enables you to switch your pump on/off and set the water flow rate of your Superfish Pond Pump to the required level of flow rate. This is one of the most economical pond pumps to run as the slower the flow rate, the less wattage your pump uses. These great economic to run, energy efficient pon pumps are sutiable for dry-mounting and submerged use.



PUMPS

OASE Aquamax ECO Classic

S

OASE AquaMax Eco Classic 2500 E	PP325	200.14
OASE AquaMax Eco Classic 3500 E	PP326	253.51
OASE AquaMax Eco Classic 5500	PP327	326.90
OASE AquaMax Eco Classic 8500	PP328	386.95
OASE AquaMax Eco Classic 11500	PP3281	426.98
OASE AquaMax Eco Classic 14500	PP3282	493.70
OASE AquaMax Eco Classic 17500	PP3283	553.74

The Oase Aquamax Eco Classic Pump has a high performance motor and are capable of pumping coarse debris up to 8 mm in size.

Completely redesigned: The classic—the entry level class of filter- and watercourse pumps from OASE.

A totally new form: Thanks to organic design, it can be integrated in ponds and watercourses, almost invisibly



Uncomprisingly reliable: With high cleaning force, it pumps pond water and coarse debris particles, up to 8 mm in size into a filter

Wider range available: Now with two additional, even more powerful pumps in the product line: The new 11500 and 14500

Included in the scope of delivery: Special hose adapter with threaded collar for different hose sizes

Extremely economical: Thanks to the energy-efficient EC motor, the AquaMax Eco Classic saves power and money in operation.

Environmental Function Control« (EFC by OASE)* protects against dry run and blocking)

All Aquamax Eco Classic pumps have a 1 1/2" connection thread on the outlet side and 1 1/2" connection thread on the inlet side with hose connecting pieces for hoses ranging from 1" to 1 1/2" inches and a cable length of 10 m. The full guarantee of 3 years can be extended by 2 additional years to 5 years. In addition the pumps are suitable for use in swimponds and bathing ponds.

Including special hose adapter with threaded collar for connecting hose sizes 3/4", 1", 1 1/4" and 1 1/2". 3 + 2 year guarantee. The main difference between the Aquamax and the other pumps is its particularly specially designed impeller. Due to the two large blades of the impeller, even highly polluted water can be transported efficiently (this means the fish and other waste).

Aquamax Eco Classic Model	2500	3500	5500	8500	11500	14500
Dimensions	280 x 230 x 130					
Power consumption	40 Watt	45 Watt	60 Watt	80 Watt	100 Watt	135 Watt
Turnover rate max (l/min)	40 l/min	60 l/min	88 l/min	138 l/min	183 l/min	227 l/min
Turnover rate max (l/h)	2400	3600	5300	8300	11000	13600
Outlet size	1"	1.5"	1.5"	1.5"	1.5"	1.5"
Suction Size	25mm	1.5"	1.5"	1.5"	1.5"	1.5"
Max Head height (m)	2	2.2	2.8	3.2	3.3	3.4
Weight with 10m cable	2	3.2	3.2	4.4	5	5
Voltage	220-240v/50Hz					

PUMPS

OASE Aquamax ECO Classic C

NEW!!

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Smart control system

The new AquaMax Eco Classic C series, with integrated controller, can also be operated via smartphone or tablet using a separate app.



Coarse debris displacement

The large-surface wrap-around strainer allows coarse debris particles such as fish waste or dead plants up to 8 mm in size to pass through.



Energy efficient motor

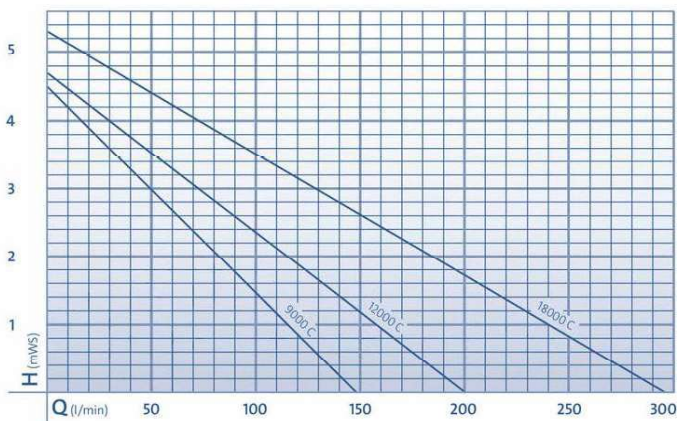
The efficient OASE motor is particularly economical and effectively reduces running costs.

Top product characteristics

- The top entry-level model — now also available in three controllable sizes with integrated controller
- Energy-efficient motor to help conserve energy — first-class price-performance ratio
- Can cope with coarse debris particles up to 8 mm in size

- *The contemporary classic featuring state-of-the-art technology — the controllable entry-level series of filter and watercourse pumps from OASE
- *Three energy-efficient sizes with integrated controller for convenient external control
- *Smart controllable with the new OASE app
- *Easy installation and maintenance thanks to a secure plug connection to the controller
- *Uncompromisingly reliable, with a great cleaning power; it pumps pond water and coarse debris particles, up to 8mm in size, into the filter
- *Extremely economical: Thanks to its energy-efficient motor, the AquaMax Eco Classic constantly saves electricity and therefore money—while in operation
- *Suitable for use on swim ponds and bathing ponds (used in an exterior pump chamber)
- *Included in the scope of delivery: Special hose adapter with threaded collar for different hose sizes (25/32/38 mm)
- *Environmental Function Control (EFC by OASE) protects against dry running and blocking

AquaMax Eco Classic 9000 C – 18000 C



OASE AquaMax Eco Classic 9000 C	PP400	435,55
OASE AquaMax Eco Classic 12000 C	PP401	523,92
OASE AquaMax Eco Classic 18000 C	PP402	631,24

PUMPS

OASE Aquamax Dry

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OASE AquaMax Dry 6000	PP334	495.33
OASE Aquamax 8000 Dry	PP335	0.00
OASE AquaMax Dry 14000	PP336	729.24

The Oase Aquamax Pumps (Pride of the Oase Range) have been developed with the intention to transport a maximum of polluted water into a filter system by using as little pressure as possible.

The main difference between the Oase Aquamax Pumps and the other pumps is its particularly specially designed impeller. With the Oase Aquamax Pump due to the two large blades of the impeller, even highly polluted water can be transported efficiently.

Oase have now come up with a new range of pumps to extend the Oase Aquamax Pump range. Introducing the Oase Aquamax Dry Pro

Unlike the previous models, The new Oase Aquamax Dry 14000 have been specially introduced for dry mount applications aimed at gravity fed filter installations that would normally be fitted with a dry mounted pump.



OASE Aquamax ECO-Premium

P

OASE AquaMax Eco Premium 4000	PP387	425.16
OASE AquaMax Eco Premium 6000	PP388	489.09
OASE AquaMax Eco Premium 8000	PP389	696.16
OASE AquaMax Eco Premium 10000	PP3891	761.94
OASE AquaMax Eco Premium 12000	PP390	860.60
OASE AquaMax Eco Premium 16000	PP391	960.58
OASE AquaMax Eco Premium 20000	PP3911	1174.39

The new Original, like always, just better. The Oase AquaMax Eco Premium, all-new design, more energy-saving and new engine technology!

The Aquamax Eco Premium once again has reduced energy consumption, the range starts with the 4000 at 40 watts going up to the 16000 model at a mere 145 watts. Running these premium filter pumps won't break the bank, combine that with a five year guarantee and you really can't fail with the Aquamax Eco Premium range. This is the new original, still made in Germany.

Regulator + 2nd inlet-

Second inlet allows for connection of a satellite filter or surface skimmer. The sliding function allows adjustment of skimmer or satellite filter capacity in 4 steps from 0 to 100%.



PUMPS

OASE Titanium ECO & ECO Control

Q

OASE AquaMax Eco Titanium 31000	PP403	1,393.19
OASE AquaMax Eco Titanium 51000	PP404	2,583.21

OASE Eco Control	PP403C	301.47
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Power consumption	W	70 - 320
Max. flow rate	l/h	48000
Max. head height	m	4
Coarse debris displacement max.	mm	6

The OASE AquaMax ECO Titanium 50000 pump incorporates ultra energy efficient ECO Motor Technology to provide the lowest possible running costs. The Oase Aquamax ECO Titanium pumps are incredibly robust with stainless steel castings and are designed to supply water to larger pond filters or can be used to create impressive waterfalls and streams. The pump is ideally suited to pull water through larger koi pond filters in a gravity fed, dry mounted scenario.



OASE Aquarius Universal

P

OASE Aquarius Universal Classic 1000	PP314	93.20
OASE Aquarius Universal Classic 1500	PP315	108.80
OASE Aquarius Universal Classic 2000	PP316	111.86
OASE Aquarius Universal Premium Eco 3000	PP317	293.83
OASE Aquarius Universal Premium Eco 4000	PP318	332.14
OASE Aquarius Universal Premium 6000	PP319	551.55
OASE Aquarius Universal Premium 9000	PP320	588.32
OASE Aquarius Universal Premium 12000	PP321	689.84

The Oase Aquarius Universal (Neptun) feature pumps are ideal partners for statuary, features and decorative features, they offer impressive performance from pumps with compact dimensions. The Oase Aquarius Universal (Neptun) feature pumps have been designed specifically with features and water features in mind. They have a very low water intake point allowing operation in much shallower water than other pumps. The hose

connections are on the very top of the pump, not on an extension pipe, meaning they can fit in to small chambers. A removable base (Aquarius Universal (Neptun) 3000 upwards) further helps the pumps fit in to tight chambers. The design of the range makes them very quiet, so they do not distract from the relaxing sound of your water feature. Each of the Oase Aquarius Universal (Neptun) feature pumps has a built in flow control.



- Supplied with 10m of power cable and a 3 year warranty, which can be upgraded to 5 years by sending the guarantee card off to Oase.
- The Aquarius Universal is mainly designed as a water feature pumps, however it can also be used as a high performance fountain pump if used with option Oase fountain fittings.



Oase
LIVING WATER

PUMPS

OASE Aquarius ECO Expert

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OASE Aquarius Eco Expert 22000	PP3912	1902.72
OASE Aquarius Eco Expert 28000	PP3913	2044.36
OASE Aquarius Eco Expert 36000	PP3914	2789.19
OASE Aquarius Eco Expert 44000	PP3915	3178.14
OASE Eco Control	PP403C	301.47



***Suitable for networks and powerhouse with low energy consumption**

***Patented frost protection to -20°C Switchable dynamic program for impressive fountains**



- New, network-capable, energy-efficient pump generation for extremely powerful and economic delivery capacity
- Requires up to 50 % less energy than the predecessor model
- Alternating fountain heights can be individually switched with power consumption in-line with demand
- Robust and durable stainless steel housing for stability
- Ergonomic handle for easy transport and installation
- Unique, patented frost protection: the pump will not be damaged at temperatures down to as -20° C
- Can be set up underwater & dry
- With adapter set for connection of 1" and 1½" nozzles
- Protection against dry run and blocking through Environmental Function Control (EFC by OASE)
- MADE IN GERMANY: precise and reliable German engineering at a high level of quality

OASE Aquamax ECO Gravity

P

OASE AquaMax Gravity Eco 10000	PP322	730.60
OASE AquaMax Gravity Eco 15000	PP323	949.38
OASE AquaMax Gravity Eco 20000	PP324	1168.15

These powerful gravitation filter pumps are excellently suited for feeding larger filter systems. Ideal in combination with the OASE module filters ProfiClear Classic and ProfiClear Premium.

-Stainless steel pump guard

Thanks to this high quality, stainless steel filter basket coarse pollutant particles up to 6 mm in size are displaced with no problems.

-Removable base

The removable base enables pump installation in confined spaces.

-Adapter Set

The included adapter set enables connection of hoses (2"/?DA 63) and pipes (DN 75/?DN 110).

10,000 (65W) / 15,000 (85W) / 20,000 (120W)



PUMPS

OASE Aquamax ECO Expert

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OASE AquaMax Eco Expert 21000	PP340	1647.68
OASE AquaMax Eco Expert 26000	PP341	1825.58
OASE AquaMax Eco Expert 36000	PP342	2722.89
OASE AquaMax Eco Expert 44000	PP3421	3132.91
OASE AquaMax Eco Expert 20000 12V EGC	PP3422	2339.08
OASE Eco Control	PP403C	301.47



Robust stainless steel intake screen

Displaces coarse debris particles up to 0.44 inch in size

Patented Seasonal Flow Control (SFC)

For intelligent and environmentally-conscious regulation of flow rate and pumping height based on water temperature

Patented frost protection

Down to -4°F / -20°C

Submersed or inline installation

Integrated mounting holes in the base enable fixed installation to the floor
Resistance to chlorine and seawater (pool and salt water capable)



*High-performance powerhouse with low energy consumption offers significant energy savings

*Patented frost protection to -20°C

*Switchable SFC function, enabling an additional 30% savings in energy costs, depending on the water temperature

Connection for DMX-RDM control devices- Innovative, convenient and handy, the AquaMax Eco Expert pumps can be easily regulated and controlled by devices, such as the AquaMax Eco Control via a DMX-RDM connection



The energy-efficient and high-performance AquaMax Eco Expert is outstandingly suited for feeding large filter systems, as well as demanding watercourses and waterfalls. Innovative controller and FM-Master WLAN with DMX-RDM interface for individual capacity regulation and query, as accessories.

Compact base

Integrated fixing holes in the base facilitate fixed installation on the pond floor, as needed.



Convenient operation

The ergonomic handle, aligned with the pump's centre of gravity facilitates transport and installation. The switch for SFC function is practically positioned directly on the handle.

PUMPS (12v)

OASE ECO-Premium 12V

P

OASE AquaMax Eco Premium 6000 / 12 V	PP3401	992.04
OASE AquaMax Eco Premium 12000 / 12 V	PP3402	1241.10

*Outstanding energy efficiency and displacement capacity

*Perfect in swim ponds and bathing ponds thanks to safe 12-volt technology

*Simultaneous supply of debris through connection of filter accessories on the patented, second inlet



AQUAFORTE-O 12v

L

The First affordable low voltage pumps! Ideal for swimming ponds or other applications where low voltages is desired.

- *Very energy efficient pumps with innovative electronics!
- *Low noise operation.
- *Suited for fresh and salt water!
- *No copper parts.
- *Durable ceramic shaft.
- *Pump stops automatically when no water is detected inside the rotor.
- *When the impeller is blocked it will go into a "lock" position in which the pump does not use power and waits until the blockage is gone. This will prevent a motor burn out.
- *Competitive priced dirty-water pumps for water gardens, waterfalls, fountains, filters, etc.
- *Can pump solids up to 6mm. 2 year warranty. Suited for dry application (inlet must be under water level).



Aquaforte O-6500LV (12V for swimming ponds etc.)	PP3811	187.01
Aquaforte O-1000LV (12V for swimming ponds etc.)	PP3812	257.14

AIR PUMPS

Thomas Yasunaga air pumps



F

Model	Pressure	Vacuum	without housing	with housing	Flow at rated pressure	
					0	400(L/min)
AP-40	•	•	•	•	45 l/min @ 120 mbar	
AP-60N	•	•	•	•	47 l/min @ 200 mbar	
AP-60/80	•	•	•	•	60 l/min @ 200 mbar	
AP-80H	•	•	•	•	82 l/min @ 200 mbar	
AP-100	•	•	•	•	108 l/min @ 200 mbar	
AP-120	•	•	•	•	125 l/min @ 200 mbar	

Thomas/Yasunaga AP40 Air Pump	AP800	224.61
Thomas/Yasunaga AP-60N Air Pump	AP801	283.33
Thomas/Yasunaga AP-60/80 Air Pump	AP802	289.62
Thomas/Yasunaga AP-80H Air Pump	AP803	293.82
Thomas/Yasunaga AP-100 Air Pump	AP804	401.21
Thomas/Yasunaga AP-120 Air Pump	AP805	405.20
Thomas/Yasunaga LP-150HN Air Pump	AP806	795.84



THOMAS



- Features:
- Oil-less
 - Long life
 - Extremely high efficiency
 - Worldwide service network
 - Low noise/vibration
 - Protection class IP54
 - CE Approved (230V models with housing and cord with plug)
 - Integrated intake filter

SKS Wholesale Ltd are a Thomas air pump distributor. Thomas is part of Gardner Denver, a globally-operating American company with offices in over 30 countries. Thomas air pumps are of high industrial quality and are distinguished by their high efficiency and silent operation.

Yamitsu Hi-Flow

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Yamitsu Hi-flow 50	AP398	148.45
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The Yamitsu Air Pump is capable of providing sufficient pressure at an output of 50 litres per minute at a depth of 4 feet. This makes it suitable for ponds and large aquariums. The Yamitsu 50 litres Air Pump is supplied complete with two spare diaphragms, two inlet valve assemblies and a high quality chrome manifold with ten individual taps.



Koi PRO

J

SUPERFISH AIR BLOW 50 *UK*	AP390	159.64
SUPERFISH AIR BLOW 100 *UK*	AP391	193.51
Diaphragm Set for Air BLow 50	AP392	15.15
Diaphragm Set for Air BLow 100	AP3921	17.86



The Koi-Pro is a professional high quality air pump, specially developed for a high air output, even at depth. It is also well suited for connection to breeding systems, sales systems and quarantine systems with many outflow points. ***Comes complete with 3/8th Airline adaptor, rubber and 10-way plastic manifold.**

AirTech (EA)

K

AirTech 70 (Complete Airpump Kit)	AP4195	213.21
AirTech 75ltr	AP4196	260.54
AirTech 95ltr	AP4197	336.58
AirTech 130ltr	AP4198	434.29
AirTech 150ltr	AP4199	542.90
Diaphragms for Airtec 70	AP4844	57.28
Diaphragms for Airtec 75	AP4845	57.28
Diaphragms for Airtec 95	AP4846	70.85
Diaphragms for Airtec 130	AP4847	98.99
Diaphragms for Airtec 150	AP4848	98.99



The **EA Airpump range** provides high performance diaphragm air pumps for all fishkeepers. The range was purposely developed for fishkeepers to deliver that essential element into their ponds - specifically air. EA Airpumps have been tested and proven to provide the highest output at any given depth, to be economical to run and to be totally reliable. Well engineered, robust and durable, every unit has thermal protection fitted as standard.

AIR PUMPS

Medo Air pumps

H

Medo LA28B	AP373	116.07
Medo LA45C	AP374	147.32
Medo LA60B	AP375	198.66
Medo LA80B	AP376	225.45
Medo LA100A	AP377	395.09
Medo LA120A	AP378	417.41
Medo LAM-200	AP379	607.14
Medo LA45 Foam Filter	AP380	3.46
Medo LA80 Foam Filter	AP381	5.14
Medo LA28 Service Kit	AP382	46.43
Medo LA45 Service Kit	AP385	46.43



Medo Air pumps linear-motor-driven Free Piston System has an internal piston inside the cylinder which is driven by an electro-magnet and spring system controlled by the alternating input current cycle. The Medo Air pumps piston forms a single combined structure of two usually different devices; motor and pump.

Medo Air pumps are quiet and vibration free, and offers the advantages of easy maintenance and a long operating life.

Medo Air pumps Fewer Components-

The Medo Air Pumps unique and simple structure has no complicated transmission mechanism such as a crankshaft, connecting rods, ball bearings, etc., which are widely used in between the motor and compressor in conventional pumps.

Nitto Air Pumps Linear Pump Operating Principle-

Within the Medo Air pump the activated electro-magnet attracts the piston against the return spring, while air is taken into the cylinder through the opened inlet valve. When the electro-magnet is deactivated, the return spring pushes the piston back, and the compressed air is brought out of the cylinder through the now open outlet valve. Medo Air pumps can function as either an air compressor or as a vacuum pump.

Hi-Blow Airpumps

F

Hi-Blow XP40 (lower wattage)	AP490	210.00
Hi-Blow XP60 (lower wattage)	AP491	284.20
Hi-Blow XP80 (lower wattage)	AP492	296.80
Diaphragm Block for Hi-Blow XP40 2pcs	AP399XP	89.60
Diaphragm Block for Hi-Blow XP80 2pcs	AP400XP	97.09
Hi-Blow HP40	AP394	206.50
Hi-Blow HP80	AP395	291.85
Hi-Blow HP100	AP396	406.12
Hi-Blow HP200	AP397	463.94
Diaphragm Block for Hi-Blow 40 2pcs	AP399	71.28
Diaphragm Block for Hi-Blow 80 2pcs	AP400	74.32



The Hi Blow air Pumps offers a full range of linear diaphragm pumps, providing solutions to meet a broad range of requirements in Medical, Industrial, Environmental and Consumer applications.

Whenever your requirements call for a pump providing clean oil-less air, extremely quiet operation, long life, low power consumption, low vibration, and low starting current, the Hi Blow Air Pumps are the solution.

AIR PUMPS

Superfish

I

SF POND AERATION KIT NUMBER 1 *UK* (1 x Outlet)	AP401	17.09
SF POND AERATION KIT NUMBER 2 *UK* (2 x outlet)	AP402	25.64
SF AIR-BOX NR.2 *UK*	AP403	28.49
SF AIR-BOX NR.4 *UK*	AP404	50.34
SF KOI FLOW 20 PROFAERATION SET *UK*	AP405	85.48
SF KOI FLOW 30 PROFAERATION SET *UK*	AP406	104.49
SF KOI FLOW 60 PROFAERATION SET *UK*	AP407	147.24



The Superfish Koi Flow range of air pumps are supplied complete with plastic 6-way manifold, six airstones, 50 metres of airline and a replacement diaphragm kit. Everything you need to get you started and supply that much needed oxygen to your pond.

Aquaforte V-Flow

E

Air pump Flow V-10	AP480	46.06
Air pump Flow V-20	AP481	69.10
Air pump Flow V-30	AP482	78.31
Air pump Flow V-60	AP483	138.19
Membrane Flow V-10	AP4835	3.36
Membrane Flow V-20	AP4836	3.50
Membrane Flow V-30	AP4837	3.59
Membrane Flow V-60	AP4838	3.84
Air chamber Flow V-10	AP4839	3.70
Air chamber Flow V-20	AP4840	3.84
Air chamber Flow V-30	AP4841	4.76
Air chamber Flow V-60 (untill 10-2010)	AP4842	7.18
Air chamber Flow V-60(after 10-2010) L+R	AP4843	14.36
Air pump Flow V-10 SET (with line / stones)	AP4831	66.17
Air pump Flow V-20 SET (with line / stones)	AP4832	90.60
Air pump Flow V-30 SET (with line / stones)	AP4833	106.89
Air pump Flow V-60 SET (with line / stones)	AP4834	172.04

The V-series competitively priced airpumps which are both powerful and quiet. The casing is made from high quality alluminium alloy. These pumps have a good pressure and a high output due to the double air chamber.

Europe's most popular air pumps are now available as complete sets with manifold, air hose (4 x 6mm) and Ø5cm air stones.



Air Accessories

4mm airline fittings

L

Air Taps (stainless Steel)	AP413	1.45
Non-Return Valve (Small airline 4mm)	AP429	1.74
Plastic Tee 4mm	AP430	0.42
Plastic Tee 4mm (box of 100)	AP430B	39.00
Plastic 90 bend 4mm	AP432	0.42
Plastic 90 bend 4mm (Box of 100)	AP432B	39.00
Plastic Straight Con 4mm	AP434	0.24
Plastic Straight Con 4mm (Box of 100)	AP434B	23.00
20mm - 8mm airline adapter (Singles)	AP4200	2.40
12mm - 8mm airline adapter (Pack of 2)	AP4201	2.48
8mm - 4mm airline adapter (pack of 2)	AP4202	3.26



9mm & 12mm airline fittings

L

9mm (3/8") 90 Elbow	AP414	2.25
9mm (3/8") Straight connector	AP415	1.58
9mm (3/8") Tee Piece	AP416	2.04
9mm (3/8") Y Piece	AP417	3.19
12mm Black Straight (Union)	AP610	4.45
12mm Black Elbow (Union)	AP611	4.45
12mm Black Tee (Union)	AP612	5.81
12mm Black Straight (Union) 1/4" Male thread	AP613	5.58
12mm Black Elbow (Union) 1/4" Male thread	AP614	6.69



9mm Non-return Valve

L

8MM PLASTIC Non return valve	AP428P	8.37
Non-Return Valve (Brass 3/8" Air Line)	AP428	11.54
Hose Tail 8mm to fit 3/8" Valves	AP437	3.46
Hose Tail 10mm to fit 3/8" Valves	AP438	3.46



9mm valve and rubber connector

H

DY 113-E 3/8" Air Tap and Connection	AP441	12.72
Rubber connecting piece for use with manifolds	AP485	7.32



Venturis

L

AquaJet Clear Venturi with split unions	AP486	26.95
Economy Venturis	AP436	8.17



Air accessories

Air taps / Manifolds (18mm)

H

SKS 6 Way Manifold (G.Q)	AP418	13.86
SKS 10 Way Manifold (G.Q)	AP419	24.35
4 Way 3/8" Hosetail Medo LA45/80 (inc tails)	AP421	37.37
2 Way 3/8" Hosetail (Blank) LA45+Hi-Blow 40 (inc tails)	AP422	16.95
2 Way 3/8" Hosetail (Cross) LA45+Hi-blow 40 (inc tails)	AP423	18.80
SKS 6 Way Manifold (G.Q)	AP418	13.86
SKS 10 Way Manifold (G.Q)	AP419	24.35
1/4" Mini Ball Valve (Female thread - Female thread)	AP615	7.38



Air taps / Manifolds -Plastic (18mm)

H

Plastic Manifolds 3 x 9mm valves	AP620	32.72
Plastic Manifolds 5 x 9mm valves	AP621	45.54
Plastic Manifolds 7 x 9mm valves	AP622	65.95
Plastic Manifolds 9 x 9mm valves	AP623	77.14
Plastic Manifolds 11 x 9mm valves	AP624	92.64

New, very affordable, professional manifolds, entirely of plastic.
Tube is made of PP, valves are made of ABS/HDPE.



Air taps / Manifolds (26mm)

H

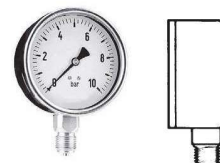
SKS 10 Way Manifold Large (G.Q)	AP4191	27.36
4 Way 3/8" Hosetail Medo 100+120 (inc tails)	AP420	40.02



1/4" Pressure gauge (0 - 6 Bar)

F

1/4" Pressure gauge (Plastic Case) 0 - 6 bar	AP6201	23.74
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AIR PUMPS

4mm airline

P

Silicone Airline (per meter)	AP408	0.58
Silicone Airline (100m roll)	AP409	51.25
Silicone Airline 30mtrs	AP410	21.52
4mm Clear Plastic Airline (25m roll)	AP411	5.83
4mm Black Plastic airline (30m roll)	AP484	5.83
EA 4mm Sinking Airline (100mtr roll)	AP488	421.97
EA 4mm Sinking Airline (per meter)	AP489	4.53
EA 8mm Sinking Airline (50mtr roll)	AP500	389.50
EA 8mm Sinking Airline (per meter)	AP501	8.40
EA 10mm Sinking Airline (30mtr roll)	AP502	298.64
EA 10mm Sinking Airline (per meter)	AP503	10.76



4mm, 8mm and 10mm **SINKING** Airline

Braided airline

M

3/8" Black Braided Airline (30m roll)	AP412	22.00
10mm Clear Braided airline	AP487	33.74



Super-Aerator

NEW

G

Super-Aerator 340mm Diffuser (For Bottom Drain)	AP101	235.34
Super-Aerator 340mm Diffuser (Free-standing)	AP100	224.14

The new **"Super-Aerator"** from Air-aqua is a high quality in pond diffuser made from the highest quality materials. Both models use a 340mm diameter premium grade diffuser membrane fitted onto a sturdy 200mm diameter 316 stainless base with rubber feet. This innovative design allows you to convert your existing standard bottom drain into an areator drain with minimum fuss.



For use in existing 4"/110mm bottom drain



KEY FEATURES-

- *High Build quality
- *Large 340mm diffuser
- *Innovative design
- *Easy to install
- *316 stainless steel
- *Rubber feet



Free-standing model

Air accessories

Aerated bottom drains

G

110mm Bottom drain (Sump type) with aerator ring	AP627	63.81
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This design of Bottom drain features an aerated ring; the dome has a ring of perforated hose that sits neatly on top. Not only does the aeration benefit your pond and your fish but it also helps with pulling debris into your sump making it more effective.

The aerator on this dome is run the diameter of the Bottom Drain dome and is over a meter in length, 1140mm to be exact. The aerator is fitted with an air input tee that will accept flexible airline with an internal diameter (ID) of 4mm. This kit comes supplied with 10 meters of flexible clear PVC airline (4mmID-6mmOD)



110mm Bottom drain (Sump type) with Membrain air Dome	AP628	123.18
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This design of Bottom drain features an aerated dome; the aerated dome has a perforated rubber membrane. Not only does the aeration benefit your pond and your fish but it also helps with pulling debris into your sump making it more effective. The aerator on this dome is a carefully perforated rubber membrane; This rubber membrane is inconspicuous when situated on the bottom of ponds. The aerator is fitted with an air input tee that will accept flexible airline with an internal diameter (ID) of 9.5mm. This kit comes supplied with 10 meters of flexible clear PVC airline (9.5mmID-13mmOD)



Moulded Domed Aerator for bottom drain (Fits 110mm drain)	AP629	107.53
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This product allows you to transform your standard 9" x 4" Bottom Drain to an aerator. This is ideal if you have or are thinking about buying a standard 9" x 4" Bottom Drain, you can simply change it into an aerator at a later date.



50mm Bottom drain (Sump type) with aerator ring	AP630	34.13
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The 4"x 2" Bottom Drain and Dome are designed to give a high efficiency low maintenance system when constructing a pond, as it draws debris and solids from the pond floor. The 56mm outlet on the 4" x 2" Bottom Drain gives a high flow of water which gives a good "draw" removing debris from across the bottom of the pond



Free Standing Air Diffuser Rubber Membrane	AP625	74.19
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The free standing Aerated Rubber Dome is a large Aerator that sits at the bottom of your pond, producing large amounts of Aeration. The Rubber Membrane has been on the market for a number of years and is still leading the way in pond/tank Aeration.



Weighted Suction Drain retro (with Aerator)	AP626	112.43
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The Weighted Suction Dome Range was developed for customers who have a new or existing pond but want the same great benefits that a bottom drain gives you, without having to rebuild your pond. Weighted Suction Domes are a great device and once connected will greatly improve the water circulation around any pond. This improved water circulation helps remove suspended particles and debris from the bottom of your pond, resulting in reduced maintenance.



Air accessories - Spindrifter

Spindrifter bottom drains

E

Spindrifter 4" Pressure Bottom Drain for Concrete (1" Duct)	D	AP4451	199.22
Spindrifter 4" Pressure Bottom Drain - Concrete (1" Duct) TWIN INLETS - NEW		AP4451TW	235.79
Liner flange kit for 4" Spindrifter		AP4451b	22.54
Spindrifter 3" Bottom Drain Liner		AP448	209.52
Spindrifter 2" Bottom Drain Liner		AP450	159.15
Direct air feed set (1" pressure converters)		AP4511	22.38
Liner Flange for Spindrifter 2"		AP450F	16.67
Liner Flange for Spindrifter 3"		AP448F	21.49
Spindrifter Drain Lid and stem		AP4851	117.98
4inch Socket to 110mm plain male converter (for drains)		PW621	9.12



**NEW - Twin Outlet
Now available**



By using the converter set you can seal the ends of the ducting pipe (either 1" or 40mm) and use it to pump the air through thus avoiding a column of stagnant water.



The **Spindrifter bottom drain** is known worldwide for its quality and design. This unit completely replaces the "Standard Bottom Drain." The most noticeable feature is the extra connection in the sump of the drain. This allows the air supply hose to enter the sump independently of the water outlet pipe, thus eliminating the possibility of restriction to the water flow and somewhere else for blanket weed to attach. The membrane and backing plate fit into a recess in the specially manufactured dome (provided). The recess in the dome prevents the membrane from becoming detached. The complete assembly is secured to the bottom drain by means of stem, which also provides the air inlet. Most water pipe sizes can be accommodated, the customer to specify. The air inlet is via a nickel plated connector.

Spindrifter drain lid

E

Spindrifter Drain Lid and stem	AP4851	117.98
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An ideal solution if you already have a traditional bottom drain installed. The Spindrifter Aerated Drain lid replaces the standard dome on your 4" bottom drain. The unit has a wide diameter rubber insert with thousands of tiny holes to allow the air flow to come out. The air line supply can either be inserted inside the length of the bottom drain pipe – coming out at a convenient place near to where your Air pump will be situated, or it can, be simply run across the base of the pond to your Air pump.



Spindrifter Free-standing Aerator

C

Spindrifter Freestanding Air Domes (Stainless steel)	AP442	136.92
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Spindrifter Pond Air Dome (Free Standing) is for those of you that don't have this type of bottom drain, or don't have a bottom drain at all, then we can supply you with a special stainless steel free standing unit that simply stands on the bottom of the pond with the air line running directly to your air pump.



The Spindrifter bottom drain is known worldwide for its quality & design.

Air accessories

Ceramic flat air discs

P

DY 102-A Air Disc 200ml Dia	AP454	40.83
DY 102-A Air Disc 200ml Dia (Budget)	AP4541	32.10
DY 104-A Air Disc 120ml Dia	AP455	13.33



These high quality long life air stones are made from a refined ceramic compound. They produce very fine aeration and can be used in conjunction with any good air pump. All of the ceramic air products listed have plastic end housings which protect the air stone against abrasive contact from any surrounding surfaces.

Rubber air diffusers

H

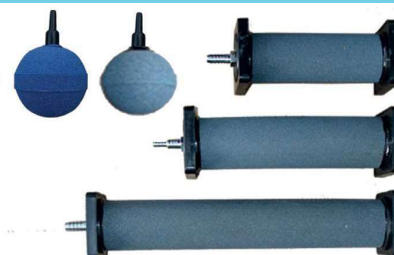
DY 1002-10 250mm Rubber Air Diffuser	AP471	19.47
DY 1002-20 510mm Rubber Air Diffuser	AP472	28.13
DY 1002-30 760mm Rubber Air Diffuser	AP473	36.16
DY 1002-40 1mtr Rubber Air Diffuser	AP474	45.54



Airstones

V

Economy 2" Round Air Stones	AP477	1.70
DY 102-B 50x300ml	AP456	36.67
DY 102-D 50x200ml	AP459	30.67
DY 103-A 30x130ml	AP466	8.33
DY 105-A 50ml Dia Round Ceramic	AP469	5.33



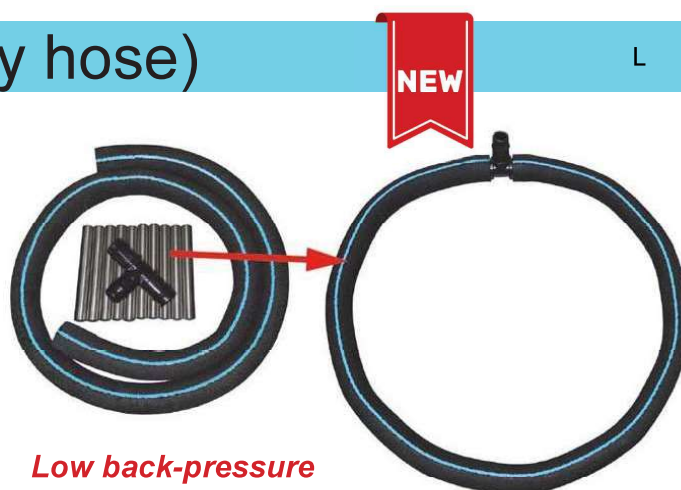
These high quality long life air stones are made from a refined ceramic compound. They produce very fine aeration and can be used in conjunction with any good air pump. All of the ceramic air products listed have plastic end housings which protect the air stone against abrasive contact from any surrounding surfaces.

Air diffusser tube (leaky hose)

NEW

L

Air Diffusser tube (Ring Kit) 300mm	AP510	65.94
Air Diffusser tube (Ring Kit) 500mm	AP511	99.71
Air Diffusser tube (Ring Kit) 750mm	AP512	133.74
Air Diffusser tube (Bar / Rod Kit) 500mm	AP513	40.72
Air Diffusser tube (Bar / Rod Kit) 1000mm	AP514	65.94



Low back-pressure

Professional quality rubber aeration hose (also used a lot in fish farms) available as ring or bar. The supplied stainless steel rods are placed inside the rubber hose to weigh it down to the bottom. This has no negative effect on the air distribution! Big advantage of this system is that it can be shipped as a small parcel. If desired, the diameter/length can be shortened to adjust the size!

Hose size: 18 x 28 mm, hose tail : 19mm. The air rod has a T-piece 19mm in the middle for a better air distribution compared to a connection on only one side.



UVC

ELECRO - H.R UV-C

E

The super reflective properties of the Elecro H.R.UV-C optimises the UV-C radiation and dramatically increases the performance.

With the H.R.UV-C, up to 95% reflectivity is achieved (if you compare this to stainless steel reactors only 20 to 28% reflection is typically achieved). The H.R.UV-C is 100% sea and saltwater compatible, Unlike stainless steel units that suffer corrosion issues.

The super reflective properties of the Elecro H.R.UV-C optimises the UV-C radiation and dramatically increases the performance. The inside surface casing is extremely repellent and therefore self-cleaning. Intelligent electronics indicate when the lamps are not producing sufficient UV-C and need to be changed. Ensuring your unit is always performing optimally.



- *Highest UV reflective index on the market equating to supreme efficiency***
- *E-PTFE reach chamber is extremely repellent, maintaining UV reflectivity***
- *Up to 95% reflection amplifying the exposure of microorganisms to UV***
- *No harmful gases or by-products produced***
- *Neutralises bacteria, viruses, algae and fungi that traditional chemicals cannot***
- *Powerful sterilisation and eliminates the smell of chlorine***
- *Average lamp life expectancy: 2 years***
- *Sea and salt chlorinated water compatible***
- *Available in three sizes: Mini (30m³), Single (55m³) and Double (110m³)***

Elecro Mini (30w) HR - High reflective UVC	UV810	386.73
Elecro Single (55w) HR - High reflective UVC	UV811	433.89
Elecro Double (110w) HR - High reflective UVC	UV812	667.02



UVC

EVO-UV

J

Evolution Aqua's innovative Evo UV range comprises of three sizes of UV Clarifier for use in garden ponds, and since the moment of their release they have quickly become firm favourites with pond keepers all over Europe and beyond. You can choose from either the Evo15, Evo25, Evo30, Evo55, covering a wide range of pond sizes from your little wildlife pond strait to your large Koi ponds.

Larger intensities of UV light cause free floating algae blooms to fuse together into larger particles and die, allowing them to be captured by the media in your pond filter and be broken down, leaving you with cleaner water. They have unique design that gives less head loss than other manufacturers models, saving energy costs by negating the need for a more expensive pump

There are quite a few on the market now, however the EVO range has developed a reputation for reliability, efficiency and an ability to get great results - near perfect water clarity.

Evo15:

Max Pond Size, 15,000ltr
 Max Flow Rate, 7500ltr
 Bulb Size: 15w (15w bulb)
 Inlet / Outlet Size: 25mm, 32mm or 40mm
 Dimensions: L58cm x W16.7cm x D8.8cm

Evo25:

Max Pond Size, 20,000ltr
 Max Flow Rate, 10,000ltr
 Bulb Size: 25w (25w bulb)
 Inlet / Outlet Size: 25mm, 32mm or 40mm
 Dimensions: L58cm x W16.7cm x D8.8cm

Evo30:

Max Pond Size, 30,000ltr
 Max Flow Rate, 15,000ltr
 Bulb Size: 30w (30w bulb)
 Inlet / Outlet Size: 25mm, 32mm or 40mm
 Dimensions: L98cm x W16.7cm x D8.8cm

Evo55:

Max Pond Size, 55,000ltr
 Max Flow Rate, 20,000ltr
 Bulb Size: 55w (55w bulb)
 Inlet / Outlet Size: 25mm, 32mm or 40mm (Anti Kink Pipe)
 Dimensions: L98cm x W16.7cm x D8.8cm

Evo75:

Max Pond Size, 75,000ltr
 Max Flow Rate, 25,000ltr
 Bulb Size: 75w
 Inlet / Outlet Size: 1.5" (Anti Kink Pipe)
 Dimensions: 128cm Length x 16.7cm high x 8.8cm deep

Evo110:

Max Pond Size, 110,000ltr
 Max Flow Rate, 25,000ltr
 Bulb Size: 2 x 55w
 Inlet / Outlet Size: 2"
 Dimensions: 105cm Length x 23cm high x 16cm deep



EVO 15w UVC	UV5667	130.34
EVO 25w UVC	UV5668	135.56
EVO 30w UVC	UV5669	192.95
EVO 55w UVC	UV5670	229.45
EVO 75w UVC	UV5674	260.74
EVO 110W UVC	UV607	310.11
Replacement Lamp for EA 75w UVC	UV6071	38.91
EVO 15w / 25w replacement quartz	UV6072	11.80
EVO 30w / 55w replacement quartz	UV6073	17.76
EVO 75w replacement quartz	UV6074	23.64

OASE Bitron

P



OASE Bitron C 24	UV5684	500,96
OASE Bitron C 36	UV5685	586,39
OASE Bitron C 55	UV5686	662,39
OASE Bitron 72 C	UV5687	697,84
OASE Bitron 110 C	UV5688	727,36
OASE Bitron Eco 120	UV5689	1043,70
OASE Bitron Eco 180	UV5690	1165,78

-Clever bypass system combines high flow rates with duration of radiation

-Self cleaning thanks to patented cleaning rotor

-Highly effective against suspended algae, bacteria and germs

Bitron C 24



Bitron C 36 / 55 / 72 / 110



UVC power	W	24	36	55	72	110
Max. flow rate	l/h	15000	30000	30000	40000	40000
Suitable for ponds up to max.	m3	25	40	60	75	110
Suitable for ponds with fish stock	m3	12,5	20	30	37,5	55
Suitable for ponds with koi	m3	6,5	10	15	19	27,5

Bitron ECO 120 / 180



The new Bitron Eco is a highly efficient UVC clarifier for high intensity treatment of suspended algae, substances that cause turbidity and harmful bacteria. It is available in a 120 W, 180 W or 240 W version and is suitable for ponds up to 240 m². The innovative UVC lamp technology enables high flow through rates at optimum energy efficiency with high energy-saving potential.

Bitron Gravity 55W



The Oase Bitron Gravity 55 Watt UVC has a stainless steel housing unit for good reflection rates and stability. Comes with stainless steel connection elements for easy installation. Energy efficient and is highly effective elimination of algae and bacteria. It has a visual function check and even comes with a adapter set for that it can be set up to be used with pump fed operation too.

UVC power	W	120	180	240	gravity 55
Max. flow rate	l/h	50000	50000	50000	12500
Suitable for ponds up to max.	m3	120	180	240	70
Suitable for ponds with fish stock	m3	60	90	120	40
Suitable for ponds with koi	m3	30	45	60	25

OASE Bitron premium

P

- *100% protection against eye damage
 - *Energy efficient thanks to electronic ballast
 - *Exceptionally effective sterilisation thanks to the long retention time of the water in the Bitron
 - *Flow-optimised reactor design ensures direct and virtually loss-free UV radiation
 - *High-quality V4A stainless steel housing for stability and good reflection rates
 - *Extremely easy installation with stainless steel connection elements
 - *Flexible connection upstream or downstream of the ProfiClear filter system — as well as for other gravity-fed applications
 - *In the event of pond enlargements or an increase in fish stock, extension with additional Bitron Premium UVC devices is possible at any time
 - *Visual function check
 - *Horizontal or vertical setup possible
 - *Clear water guarantee when used in conjunction with OASE ProfiClear filters
 - *Depending on requirements, the Bitron Premium 120 W and 180 W lamps can be switched on individually
- Suitable for ponds up to 280.0 m³



***Comfortable & controllable**
Switch the individual UVC heads separately for efficient energy management.



***Easy installation**
Thanks to sturdy stainless steel fasteners.



***Array**



***Flexible installation**
Before or after the filter system. Also ideal for other gravity-fed applications.



High quality V4A stainless steel housing- Provides stability and good reflection rates. Can be used even with increased salt content (dry setup).



OASE Bitron Premium 60 W	UV800	911.70
OASE Bitron Premium 120 W	UV801	1,608.84
OASE Bitron Premium 180 W	UV802	2,139.51

UVC

TMC - Pro Clear & Pro Pond

G

TMC Pro Pond Advantage UV110	UV5675	287.33
TMC Pro Clear UV55 Ultima	UV5676	181.98
TMC Pro Clear UV30 Ultima	UV5677	172.39
Quartz Sleeve for TMC 55w/30w	UV5680	16.68
Quartz Sleeve for TMC 25w/15w	UV5681	13.45
Ballast for TMC 55W	UV5682	69.80
Ballast for TMC 30W	UV5683	52.30
110w Complete Ballast (White tube)	UV5162	107.07
TMC Lead Set (1 x long 1 x short)	UV5163	12.93

TMC pioneered the development of the UV Cleansing system and has manufactured them since the late 1970's. The Tmc Pond Clear Advantage works by halting the reproduction of algae. The ultraviolet radiation at a wavelength of 254 nanometers is extremely effective in doing so. At the heart of this the Tmc Pond Clear is an ultraviolet lamp sealed inside a quartz sleeve.



UV30

UV55



Pro Clear Ultima
UV30 for ponds up to 27,000 Litres
UV55 for ponds up to 45,000 Litres

UV110

Pro Pond UV110 Advantage
for ponds up to
72,000 Litres



DESIGNED FOR
LARGE PONDS

TMC - Pro Pond Titan

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NEW

TMC PRO Pond Titan 110 W	UV5704	373.56
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Pro Pond titanuv

How does it work



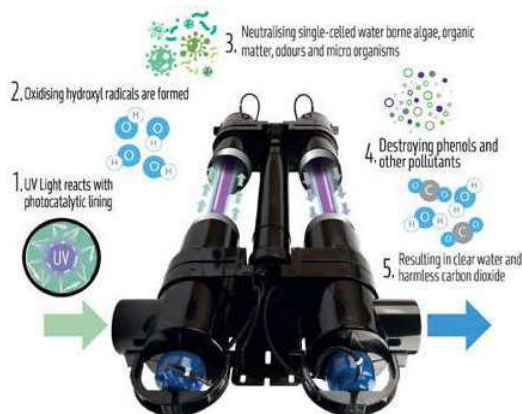
Photocatalytically enhanced – up to a third more effective at sterilisation than a standard UV system. Also improves water clarity through the production of hydroxyl radicals which work to oxidise organic and in-organic matter in the water, without any negative effect on inhabitants. Using the same modular design as our Commercial UV Sterilisers, these multi-lamp units offer easy maintenance combined with unbeatable performance. Constructed from an

Pro Pond titanuv

Let's take a closer look



exclusively formulated high UV stabilised compound, designed for its ultra-low toxicity, this range is also further shielded from the UV internally, prolonging the body life even further.



Technical Specification

Suitable for pond up to	108,000 litres / 24,000 UK gallons / 29,000 US gallons
Maximum flow rate	36,000 litres / 8,000 UK gallons / 9,400 US gallons
Inlet/outlet size	2" and 63mm (dual port size)
Maximum pressure rating	3bar / 43.5psi
Unit Weight	6.6Kg
Unit Dimensions	964 x 367 x 109mm
Class1 / IP64	

Lamp	2 x 55W G55T8 UV
Total Power Consumption	112W Max.
Power	100-277V, 50/60Hz



UVC

Bio-UV

C

Bio-UV 20 Steriliser 6250galls	UV479	1457.84
Bio-UV 30 Steriliser 10000galls	UV480	2042.67
Bio-UV 40 Steriliser 14000galls	UV481	2427.75
Bio-UV 10 Replacement Bulb	UV482	121.62
Bio-UV 20 Replacement Bulb	UV483	135.35
Bio-UV 30 Replacement Bulb	UV484	159.87
Bio-UV 40 Replacement Bulb	UV485	175.57
Bio-UV 10 Ballast	UV584	155.95
Bio-UV 20 Ballast	UV585	218.72
Bio-UV 30 Ballast	UV586	218.72
Bio-UV 40 Ballast	UV587	218.72

These UVC units are made of a high quality stainless steel (316L) and have an unequalled performance at high flow rates. The 150 mm diameter of the housing assures a minimum exposure of 2 seconds to UV radiation at the recommended flow rates. Due to the use of special "High Intensity" UV lamps with an output of 30.000 micro Watt (25.000 after 13000 hours) and the minimum exposure of 2 sec, they kill microscopic algae as well as 99.9% of harmful bacteria and viruses, including Aeromonas, Pseudomonas and Legionella!

The type of BIO-UV lamp should be based on an effective flow rate per hour, provided by the pump, rather than on the volume of the pond. BIO-UV lamps are used instead of chlorine for disinfection of swimming pools. Maximum continuous pressure: 3 bar, maximum water temperature 40°C. 13000 Hours of effective use (performance is measured after 13000 hours of use).



Stainless Steel 316

Bio-UV Neo

C

The Bio UV Neo Series unit is a Ultraviolet Sanitizer and Clarifier designed specifically for the koi industry and are made of PVC plastic with four mounting feet and PVC electrical enclosure bonnet.

The Bio UV Neo Series have earned an outstanding reputation for quality, functionality, performance and reliability. Three different models serve systems with water max flow rates from 12000 lph to 25000 lph

The Bio UV Neo Series models feature a electronic ballasts.

Pond water containing unwanted contaminates enters the Bio UV Neo unit's wet chamber and is exposed to the light rays generated by the UV bulb. The Bio UV Neo unit has been designed to allow for some turbidity in the water, as turbidity will reduce the UV light wave transmission capability. Therefore, all Bio UV Neo Series are sized for a minimum two second exposure time to allow for possible turbidity in the water and the reduction in the killing power of the UV bulb when it nears the end of its useful life. When the incoming water is exposed for this duration, the water exiting the unit is near drinking water biological quality.

BIO-UV NEO-12 UVC	UV825	1118.00
BIO-UV NEO-18 UVC	UV826	1245.83
BIO-UV NEO-25 UVC	UV827	1330.33

BIO UV
Ultraviolet Solutions



UVC

Yamitsu Algae Master

H

Yamitsu 110W	UV517	377.21
Yamitsu 55W	UV518	174.59
Yamitsu 30W	UV519	158.99
Yamitsu 25W	UV520	128.84
Yamitsu 15W	UV521	107.11
Yamitsu 11W	UV522	88.96
Replacement Electrics (Yamitsu 55W)	UV546	91.93
Replacement Electrics (Yamitsu 30W)	UV547	77.88
Replacement Electrics (Yamitsu 25W)	UV603	74.96
Replacement Electrics (Yamitsu 15W)	UV548	66.46
Yamitsu "End Caps"	UV549	2.58



Quartz Sleeve (55/30W Yamitsu)	UV530	32.22
Quartz Sleeve (15/25W Yamitsu)	UV531	18.11
Quartz Sleeve (8W Yamitsu)	UV532	12.77
Quartz Sleeve (6/11W Yamitsu)	UV533	12.77

Yamitsu **algae master** uv's are made from UV stabilised materials to ensure a longer life and incorporate turbulators to enhance the unit's performance. Large inlet and exhaust ports make the algae master uv suitable for a wide range of pond uv applications. It is recommended that the algae master uv should be installed using solid solvent weld pipe.

All algae master uv's come complete with (glue in) hosetails enabling them to be connected to 1/2", 3/4", 1", 1 1/4" and 1 1/2" flexible pipe. Algae master uv's will also fit most popular 1 1/2" household solvent weld waste and pressure pipes.

Algae Master Pond UV Installation-

If you have a severe algae problem you should effect a partial water change before starting the installation. Yamitsu Algae Master Pond UV can be added to any existing filtration system. For best results algae master units should be fitted in line, after the pump, with water being forced through them. Use the largest size of pipe possible. If hosetails are to be used, it is very important that they are trimmed to the largest possible size that will fit inside the flexible pipe (before glueing in place). This will ensure that the maximum flow rate can be obtained for the size of pipe.

**REPLACEMENT QUARTZ SLEEVES
ALWAYS IN STOCK**



Smart Start UVCs

I

Key features of the Eco Smartstart Uv 24 Watt Clarifier include a unique starter ballast unit built into the Smartstart lamp, which unlike conventional ballasts offers consistent light performance throughout the year when the replacement of the Smartstart lamp is equal to installing a new ballast.

24W Smart Start (Plastic body) UVC (Energy efficient!)	UV557	127.51
36W Smart Start (Plastic body) UVC (Energy efficient!)	UV558	153.02
48W Smart Start (Plastic body) UVC (Energy efficient!)	UV559	218.47
72W Smart-Start (Plastic body) UVC (Energy efficient!)	UV560	251.34
144W Smart Start (Plastic Body) UVC (Energy efficient!)	UV561	537.43
24W Smart Start (Stainless-steel body) UVC (Energy efficient!)	UV562	243.79
36W Smart Start (Stainless-steel body) UVC (Energy efficient!)	UV563	249.32
48W Smart Start (Stainless steel body) UVC (Energy efficient!)	UV564	330.69
72W Smart-Start (Stainless-steel body) UVC (Energy efficient!)	UV565	371.95
144W Smart Start (Stainless steel body) UVC (Energy efficient!)	UV566	809.31
Smart Start 24W Lamp	UV570	37.70
Smart Start 36W Lamp	UV571	42.47

The unique Smartstart germicidal lamp is rated for 9,000 hours of use (better than many competitors 5,000 hours), and with Cloverleaf's spiral flow chamber optimum performance is achieved – with an improved efficiency of 35% above conventional plastic bodied UV's.



AquaForte UVC

G



AQUAFORTE PRIME BUSTER UV-C WHY AQUAFORTE BUSTER UV-C?

- Professional UV-C units for large ponds.
- Optimum water flow due to smart design.
- Easy to install.
- Transparent lamp head for easy visual inspection.
- Stainless steel 316L housing.
- Available with 1 x 80 watt, 1x 140 watt or 3x 140 watt amalgam lamp.
- Base has adjusting screws for levelling.
- The adjusting screws can also be mounted in the 'back' of the base and cover for horizontal use.

AQUA FORTE

PRIME



TECHNICAL SPECIFICATIONS:

- Redesigned electronic ballast has a signal lamp that indicates the status of the UV-C lamp: Green: everything okay, Flashing green: lamp(s) almost at end of life. Red: lamp(s) at end of life. After lamp replacement the timer can be reset so the countdown starts again.
- The 80 and 140 watt version are supplied with a flow switch in a Ø63 mm socket; the 420 watt version has a built-in flow switch.
- Connections: Buster 80W: 2 x 2" male threaded, Buster 140W: 2 x 2½" male threaded and Buster 420W: 2 x 3" male threaded.
- Max. pressure: 2.5 bar

AquaForte Prime Buster UV-C 80 watt	UV5511	1308.40
AquaForte Prime Buster UV-C 140 watt	UV5512	1554.83
AquaForte Prime Buster UV-C 420 watt	UV5513	3223.82



AQUAFORTE PRIME POWER SIGNAL UV-C DUPLEX

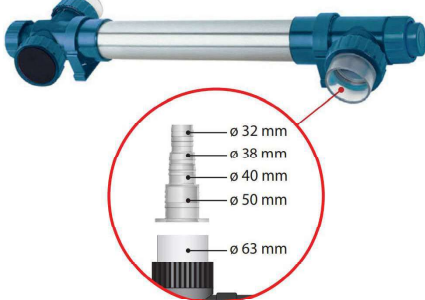
Professional version of the very popular AquaForte Power UV-C. The AquaForte Prime Power Signal UV-C is equipped with a LED timer that continuously displays the lamp status clearly in colour. LED status: green: everything okay; flashing green: almost end of lamp life; red: end of lamp life. After lamp replacement, the timer can be reset so that the countdown starts again.

PRIME



The unit is made of duplex (salt water resistant!) and has 3 connections (2 x 63 mm and 1 x blind cover), plus 2 special hose connectors (32/38/40/50mm) for even more installation options. The unit is equipped with a T5 lamp and electronic ballast for optimum operation (9000 hours). Average lifespan of the ballast is ± 5 years. The T5 lamp provides a radiation value of 25,000 microwatts. Working pressure maximum 2 bar. Keeps bacteria and algae under control.

AquaForte Signal Power UVC 75W	UV5693	379.04
Replacement T5 75W lamp (Blue End)	UV5494	78.83



AQUAFORTE MIDI POWER UV-C

Shorter version of the highly popular Power UV-C. The MIDI has a shorter stainless steel housing and a shorter T5 40/75 watt UV-C lamp. Has electronic ballast, Ø63mm PVC connections and 32/38/40/50mm hose tails

			PACKING SIZE L X W X H (CM)	MAX. POND	MAX FLOW M ³ /H
AquaForte MIDI Power UVC 40watt T5	UV5500	216.68	76 X 20 X 13	30m ³	15
AquaForte MIDI Power UVC 75watt T5	UV5510	226.83	76 X 20 X 13	60m ³	20
Lamp for MIDI 40watt T5 (Short one)	UV5514	19.76			
Lamp for MIDI 75watt T5 (Short one)	UV5515	25.94			

The 75 watt T5 lamp has a 25.000 microwatt output. Max. pressure 2 bar. Keeps bacteria and algae under control.

UVC

T5 Submersible UV

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T5 Submersible 40W UVC	UV5875	249.91
T5 Submersible 75W UVC	UV5876	273.31
Replacement lamp for T5 Submersible 40W UVC	UV5877	50.89
Replacement lamp for T5 Submersible 75W UVC (Red End)	UV5878	76.35
Replacement Quartz for T5 Submersible 40/75W	UV5879	46.66
Ballast for T5 Submersible 40W	UV5875B	169.89
Ballast for T5 Submersible 75W	UV5876B	178.51

Submersible UV-C lamps have a big advantage compared to conventional UV-C units: **no pressure loss!** These lamps can be used in filter tanks so the water can pass without any resistance/pressure loss.

NOTE: the UV-C radiation range is limited (dependant on i.e. the water clarity) so only a part of the water flowing by is treated. The user himself is responsible for the dangers of exposure to UV-C radiation to the eyes! Use the supplied safety glasses and/or a safety switch that automatically switches the lamp off when you have access to the lamp.

Warning: Please be sure the lamp is always completely under water!



Amalgam UVC

G

Amalgam 40W Submersible UVC (3 piece)	UV589	333.63
Amalgam 80W Submersible UVC (3 piece)	UV590	355.79
Replacement lamp for Amalgam 40W Submersible	UV591	144.04
Replacement lamp for Amalgam 80W Submersible	UV592	162.51
Replacement Quartz for Amalgam 40W Submersible	UV5921	50.54
Replacement Quartz for Amalgam 80W Submersible	UV5922	46.66
32mm Connector for submersible UVC Mounting	UV5923	16.31

Submersible UV-C lamps have a big advantage compared to conventional UV-C units: **No pressure loss!**

These lamps can be used in filter tanks so the water can pass without any resistance/pressure loss

NOTE: the UV-C radiation range is limited (dependant on i.e. the water clarity) so only a part of the flowing water is treated. The user is responsible for the dangers of exposure to UV-C radiation to the eyes!

Use the supplied safety glasses and/or a safety switch that automatically switches the lamp off when you have access to the lamp.

Warning: Please make sure the lamp is always completely under water!

The plastic end of the lamp has a 32mm diameter so you can use 32mm pipe clips to mount the lamp in a tank. The T5 lamp has a 9000 hours lifespan and a 25.000 microwatt output. A special tank connector is now available for direct installation in i.e. filters (see picture). For mounting it needs a hole of $\pm \text{Ø}48\text{mm}$ (1½" male threading).



UVC

Amalgam - Super UV

M



Available in 40w / 55w / 75w / 105w (The same ballast is used for each size)

The Amalgam Submersible UVC is the most effective form of uvc to date !

The Air Aqua Super UV Amalgam Submersible UV provides radiation with a wavelength of 253.7nm which is generated by the special light source UV lamp, Ensuring a lethal effect on bacteria. The Super UV Amalgam radiation neutralises bacteria, viruses and other primitive organisms, stopping them from multiplying. The unit has a built in high frequency electronic ballast which absorbs current fluctuations and protects the lamp inside the unit. The Air Aqua UV-C Amalgam Submersible UV 40 watt has an integrated control panel which allows you to see when the lamp needs to be replaced.

Benefits of the Amalgam compared to standard T5 or TL lamps:

- extremely high efficiency
- lamp's service life is 13.000 hours
- clearer water
- UV radiation capacity during service life declines at a reduced rate
- better able to withstand switching the lamp on and off

Super UV 40W Amalgam (inc Ballast) complete	UV5694	319.20
Super UV 55W Amalgam (inc Ballast) complete	UV5695	333.20
Super UV 75W Amalgam (inc Ballast) complete	UV5696	347.20
Super UV 105W Amalgam (inc Ballast) complete	UV5697	372.40
Electrics for Super UV (Ballast)	UV5698	162.34
Super UV 40W Replacement lamp/quartz	UV5699	159.59
Super UV 55W Replacement lamp/quartz	UV5700	171.87
Super UV 75W Replacement lamp/quartz	UV5701	186.39
Super UV 105W Replacement lamp/quartz	UV5702	212.07

Filtreau Amalgam UV

G



ADVANTAGES

- Made in The Netherlands.
- LED indication when the lamp needs replacing.
- Amalgam UV-C lamp incl. long-life technology (12.000Hours).
- Perfectly matched electronic ballast and UV-C lamp.
- Energy efficient and environmentally friendly.
- 2 year warranty on manufacturing defects.
- Completely automatic control.
- Very low maintenance.
- Very small pumps required, no pressure pumps needed anymore.
- Extra safety switch, when the water-level is too low it switches to 'Safety-mode'

Filtreau 40w amalgam Submersible (inc tank con)	UV700	215.69
Filtreau 40w amalgam Replacement Lamp	UV701	42.80
Filtreau 80w amalgam Submersible (inc tank con)	UV702	244.01
Filtreau 80w amalgam Replacement Lamp	UV703	55.67
Ballast for Filtreau 40W Amalgam excl. Timer	UV705	100.88
Ballast for Filtreau 80W Amalgam excl. Timer	UV706	114.65

UVC - Quantum

Electro - Quantum

E



Are you ready to Quantum leap...?



QUANTUM

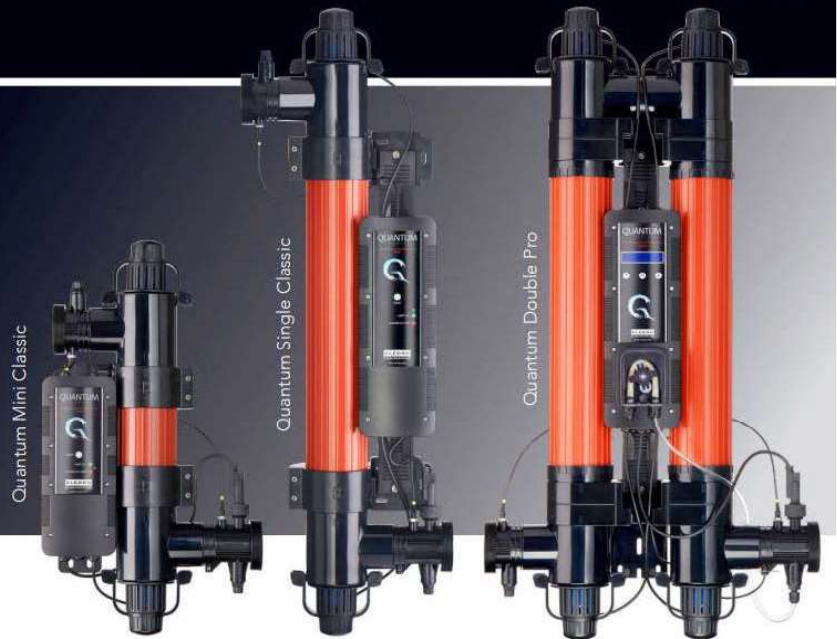
Quantum uses new ceramic Nano Crystal technology, a prime focus of the science world today; possessing the power to sterilise sewage into drinking water without the use of chemicals.



Residential Pools



Aquatics

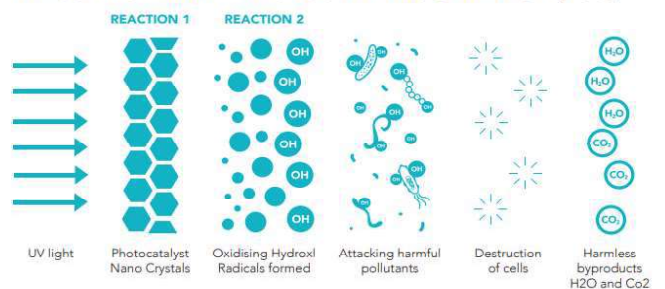


Quantum uses new ceramic Nano Crystal technology, a prime focus of the science world today; possessing the power to sterilise sewage into drinking water without the use of chemicals.

OXIDATION STRENGTH (EV)



THE SCIENCE BEHIND PHOTOCATALYTIC OXIDATION (PCO)



FEATURES

- *Photocatalytic TiO₂/Mo oxidiser and clarifier
- *Combined photocatalytic, hydroxyl radical and UV technology
- *Eliminates contaminants, leaving water looking fresh and clean
- *Reduces the need for chemicals in the pool
- *Keeps your family safe from dangerous microorganisms such as cryptosporidium, adenoviruses and naegleria fowleri
- *Powerful sterilisation and eliminates the smell of chlorine
- *Average lamp life expectancy: 2 years
- *Equipped with intelligent lamp life indicator
- *Sea and salt chlorinated water compatible
- *Available in three sizes: Mini (35m³), Single (65m³) and Double (130m³)

100-240V 1 Phase	Lamp Output [W]	Max. Pool Vol [m ³]	Features:
Mini Classic	30	35	Flow switch, analogue lamp life indicator & reset switch
Single Classic	55	65	Flow switch, analogue lamp life indicator & reset switch
Double Classic	110	130	Flow switch, analogue lamp life indicator & reset switch

Electro 30watt QUANTUM "Advanced Oxidation" UVC	UV813	891.33
Electro 55watt QUANTUM "Advanced Oxidation" UVC	UV814	1038.43
Electro 110watt QUANTUM "Advanced Oxidation" UVC	UV815	1375.40

[Click to view](#)



User Manual (Mini)

[Click to view](#)



User Manual (Single & Double)

UVC

OASE Bitron Lamps

T

- *Genuine Oase Replacement 55w UV Lamp
- *High quality UV bulb
- *Suitable for a range of Oase filters and UVC models
- *Replace annually ideally in the spring



OASE OASE Spare lamp UVC 11 W	UV552	33.75
OASE OASE Spare lamp UVC 18 W	UV553	66.22
OASE OASE Spare lamp UVC 24 W	UV554	70.52
OASE OASE Spare lamp UVC 36 W	UV555	79.43
OASE OASE Spare lamp UVC 55 W	UV556	83.04



***High quality UVC bulbs for clear water**

Phillips & Osram Lamps

L

55W Phillips Lamps	UV534	27.73
55W Phillips Lamps Box of 6	UV534B	26.66
30W Phillips Lamps	UV536	19.16
30W Phillips Lamps Box of 25	UV536B	19.16
25W Phillips Lamps	UV538	16.68
16W Phillips Lamps	UV539	12.38
15W Phillips Lamps	UV540	15.98
11W PLS Phillips Lamps (single ended)	UV541	12.28
11W Phillips Lamps	UV542	11.05
9W PLS Phillips Lamps (single ended)	UV543	10.48
8W Phillips Lamps	UV544	11.38
6W Phillips Lamps	UV545	9.75
55W Osram Lamps	UV601	14.63
55W Osram Lamps (Box of 25)	UV601B	365.63
30W Osram Lamps	UV602	13.13
30W Osram Lamps (Box of 10)	UV602B	131.25
25W Osram Lamps	UV5445	12.22
15W Osram Lamps	UV5446	8.97



***High quality UVC bulbs for clear water**

AquaforTE UV Lamps

H

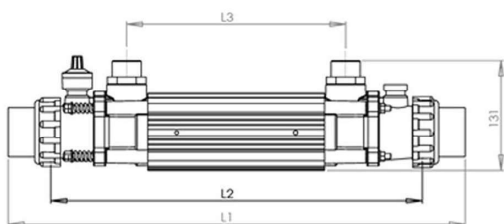
55W TL AquaforTE lamp	UV534A	27.73	Check pricing
55W AquaforTE Economy PLL (4 pin) Lamps (Fits OASE)	uv6010	10.88	
36W AquaforTE Economy PLL (4 pin) Lamps (Fits OASE)	UV6011	9.84	
24W AquaforTE Economy PLL (4 pin) Lamps (Fits OASE)	UV6012	9.10	
18W AquaforTE Economy PLL Lamps	UV6013	7.24	
11W AquaforTE Economy PLS Lamps	UV6014	6.49	
9W AquaforTE Economy PLS Lamps	UV6015	5.56	



Heating

Elecro Heat Exchangers

D



Elecro G2 Multi Tubular Heat Exchanger 30-kW (102K BTU)	HE8032	380.13
Elecro G2 Multi Tubular Heat Exchanger 49-kW (167K BTU)	HE8033	469.28
Elecro G2 Multi Tubular Heat Exchanger 85-kW (290K BTU)	HE8034	575.17
Elecro G2 Multi Tubular Heat Exchanger 122-kW (416K BTU)	HE8035	803.70
Elecro Poolsmart PLUS Toughscreen Heating controller	HE8036	409.60

PRODUCT CODES	STANDARD POWER OUTPUT	DIMENSION 'L1'	DIMENSION 'L2'	DIMENSION 'L3'
		mm	mm	mm
HE8032	30-kW (102K BTU)	540	426	247
HE8033	49-kW (167K BTU)	710	596	417
HE8034	85-kW (290K BTU)	840	726	547
HE8035	122-kW (416K BTU)	1000	886	707

G2 MULTI TUBULAR HEAT EXCHANGER

The unique design and robust construction of the G2 Heat Exchanger offers an unrivalled heat transfer surface area, making it one of the most efficient products on the market.



[Click to view](#)



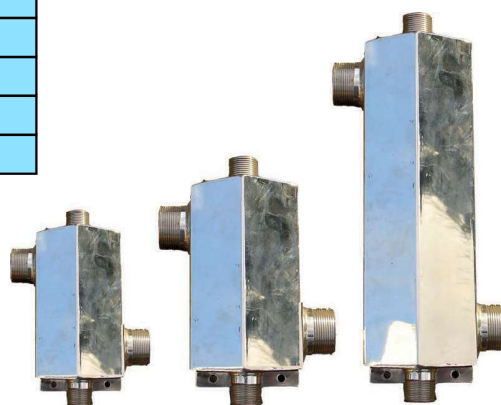
User Manual

Stainless steel Heat Exchangers

L

60,000 BTU Heat Exchanger	HE794	344.59
100,000 BTU Heat Exchanger	HE795	370.75
130,000 BTU Heat Exchanger	HE796	402.38
170,000 BTU Heat Exchanger	HE797	426.03
230,000 BTU Heat Exchanger	HE798	483.85

Heater exchangers are designed to transfer heat from the (boiler water) into the pond water using a internal network of small veins. The pond water is pumped through a jacket around the outside of the boiler water.



Submersible heat exchangers

H

Small Stainless Steel Submersible Heat Exchanger 15kW	HE793	126.22
Large Stainless Steel Submersible Heat Exchanger 30kW	HE853	166.61

As used for many years in Japan at some fish farmers indoor facilities. These 316 stainless steel heat exchangers are designed to be fully submersed in the pond or pool. Hot water (from boiler) is pumped through the stainless steel core and the heat slowly transfers into the pond/pool water.



Pro-Line Digital Thermostat

L

PRO-line Digi-Stat (With 3mtr Probe)	HE791	161.54
3m Probe for Digi-stat	HE792	12.98
6m Probe for Digi-stat	HE7921	20.05
10m Probe for Digi-stat	HE7922	32.31

The Proline Digi-Stat is designed to give automatic temperature control for Koi ponds. Operating in the range of 0° to 30°C this highly accurate



thermostat will hold the water temperature within $\pm 0.1^{\circ}\text{C}$. The unit is programmed with an automatic temperature gradient control which eliminates temperature shock for the fish when changing settings.

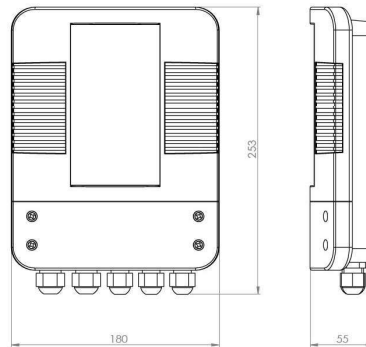
Poolsmart Plus heating controller

D



POOLSMART PLUS

Touchscreen Heating Controller for swimming pools, comes with flow switch and temperature sensor for accurate monitoring and maintaining water temperature.



Features & Benefits

- Smart touchscreen display
- BMS (Building Management System) Integration Ready
- Multi-lingual interface
- Programmable 24-hour time clock (4 time zones)
- Flow and temperature sensor ports
- Accurate control to 0.5°C
- Diagnostic display



POWER SUPPLY	Single phase 100-240V
AVAILABLE MODELS	Heating only
CONTROL THERMOSTAT	Digital: 0 > 45°C (0.5°C differential)
TEMPERATURE SENSOR	3 metre long (thermistors 103AT-2, R25=10K B=3435K)
FLOW SWITCH	3 metre long with gold tipped reed switch with titanium fulcrum pin
INTERNATIONAL PROTECTION MARKING	IP44
FREQUENCY	50/60Hz
MOUNTING	Wall mounting

Elecro Poolsmart PLUS Touchscreen Heating controller

HE8036

409.60

Heating

Elecro Heaters

F



**Now with Titanium Element
and Titanium Flow Tube**

Supplied with low watts density coiled titanium heating elements. Cygnet heaters are titanium construction and an ideal solution for ponds and tropical marine applications.

Features & Benefits-

- *Six power options ranging from 1-kW to 8.4-kW
- *Easy installation, fully equipped and pre-wired
- *Robust, durable construction
- *Ultra-reliable flow switch allows safe operation
- *Supplied with temperature thermostat & overheating sensor
- *Compact, durable design
- *Analogue control with 1.2°C differential or digital control with 0.5°C differential and selectable multi-lingual display
- *Titanium flow tube and titanium heating element(s)
- *Can be floor or vertically wall mounted
- *Vortex, long life, stay clean heating element technology
- *100% efficiency throughout the product life
- *Silent operation



Elecro Cygnet EVO2 1kW Analog Heater (All Titanium)	HE8020	599.78
Elecro Cygnet EVO2 2kW Analog Heater (All Titanium)	HE8021	608.34
Elecro Cygnet EVO2 3kW Analog Heater (All Titanium)	HE8022	642.61
Elecro Cygnet EVO2 4kW Analog Heater (All Titanium)	HE8023	685.45
Elecro Cygnet EVO2 6kW Analog Heater (All Titanium)	HE8024	742.17
Elecro Cygnet EVO2 8kW Analog Heater (All Titanium)	HE8025	791.64
Elecro Cygnet EVO2 1kW Digital Heater (All Titanium)	HE8026	742.17
Elecro Cygnet EVO2 2kW Digital Heater (All Titanium)	HE8027	766.91
Elecro Cygnet EVO2 3kW Digital Heater (All Titanium)	HE8028	816.38
Elecro Cygnet EVO2 4kW Digital Heater (All Titanium)	HE8029	865.87
Elecro Cygnet EVO2 6kW Digital Heater (All Titanium)	HE8030	907.49
Elecro Cygnet EVO2 8kW Digital Heater (All Titanium)	HE8031	964.21

Heating

Elecro Nano Cygnet Heaters

F



NANO - CYGNET

The Cygnet Aquatic heater is user-friendly and offers “plug & play” installation.



Elecro NANO Cygnet 1kW Analogue Heater (All Titanium)	HE8011	405.47
Elecro NANO Cygnet 2kW Analogue Heater (All Titanium)	HE8012	439.27
Elecro NANO Cygnet 3kW Analogue Heater (All Titanium)	HE8013	473.05
Elecro NANO Cygnet 4kW Analogue Heater (All Titanium)	HE8014	447.11

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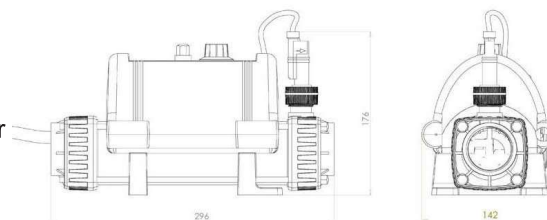


User Manual
(Cygnet Nano)

Specifically designed to ensure maximum safety, reliability and efficiency, the Cygnet Aquatic heater is user-friendly and offers “plug & play” installation for the 1-kW to 4-kW models. The thermostat dial gives you control over the desired pond temperature, while the thermal cut-out protects against over-heating.

Features & Benefits-

- Various power options ranging from 1-kW to 4-kW
- Easy installation, fully equipped and pre-wired
- Robust, durable construction
- Ultra-reliable flow switch allows safe operation
- Supplied with temperature thermostat and overheating sensor
- Compact, durable design
- Analogue control with 1.2°C differential
- Titanium flow tube and titanium heating element
- Can be floor or vertically wall mounted
- Vortex, long life, stay clean heating element technology
- 100% efficiency throughout the product life
- Silent operation



220-240V	1-Phase	Load	Net Weight	Gross Weight	Volume
Power Output		[Amp]	[kg]	[kg]	[m ³]
1-kW		5	3.0	3.4	0.018
2-kW		9	3.0	3.4	0.018
3-kW		13	3.0	3.4	0.018
4-kW		18	3.0	3.4	0.018

Heating

Cloverleaf Heaters

G

Cloverleaf 1kW Pond Heater	HE850	227.49
Cloverleaf 2kW Pond Heater	HE851	249.89

The New Cloverleaf Pond Heaters are fully EU, TUV & UL approved they are available in two size 1kw & 2 kw.

The Cloverleaf Heaters are very easy to install into new or existing pond setups and come complete with both rigid or flexible pipe connections. Choose from connection via 19mm, 25mm, 32mm or 38mm flexible pond hose using the 2 hositails supplied or alternatively the units will accept 40mm rigid solvent weld or 1.5" rigid pressure pipe. These simple easy to use pond heaters have a minimum flow rate of 4000lph and have a safety low flow shut off switch for peace of mind.

For maximum efficiency and to maintain an ambient temperature the pond should be covered and insulated to help achieve and maintain the pond temperature in cases of insufficient insulation more KW per gal/litre may be required depending on the level of desired water temperature.

Two models are available 1Kw - for up to 1000gallons ponds (4500lts) and 2Kw - for up to 2000gallons (9000lts).

Specification;

- 1kw and 2kw power consumption
- 4000lph minimum flow rate with pressure switch
- Thermostatically controlled
- IP55 rated
- 1.5m cut end cable fitted
- Flexi hositails plus Solvent weld inlet and outlets
- length 230cm, width 18.5cm, height 18.5cm



Aquaforte ProfiHeater

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Aquaforte ProfiHeater 1Kw With Stat (Stainless)	HE818	243.49
Aquaforte ProfiHeater 2Kw With Stat (Stainless)	HE819	255.83
Aquaforte ProfiHeater 3Kw With Stat (Stainless)	HE820	269.30



The Xclear Profi-Heater is a professional stainless steel pond heater.

To raise the temperature of 1 m³ water in 1 hour by 1°C needs about 1.000 kcal. This formula is only an indication, as the temperature also depends on surface area and any insulation that may be present. All models have been fitted with an adjustable thermostat that can be regulated up to 40°C. The heating element with the temperature

probe, as well as the inside of the casing are made of high-quality stainless steel. Profi-Heaters can be connected using pond tubing or PVC tubing. Comes with fittings.



Heating

Hot Wave Turbo - Heatpump

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- Outputs up to 3kw/5kw of heat from only 0.6kw/0.91kw of electricity used
- Dimensions – 40 x 28 x 38.5cm (l x w x h)
- Suitable for small ponds and quarantines. We Recommend the 3Kw for ponds up to 1500 gallons & 5Kw 3000 gallons
- Desired water temperature can be set to be between 8c and 40c
- Simple "plug and play" heat pump
- Comes complete with 5-meter power cable, with a 3 pin UK Plug
- 1.25"/1.5" (32/38mm) water connections for hose or 1" BSP Thread for Solid Pipework
- Operates to lower air temperatures with air temperatures of as low as 0c and above
- Requires a flow rate of 2.8m3/hr or more from your pump/filter
- Eco Friendly R32 refrigerant gas
- No bypass required
- Easy to operate
- Digital control panel – simply set the pool temperature required and the Mini Heat Pump will turn on and off as required to maintain the desired pond temperature.
- High quality polymer – corrosion and UV resistant case
- Gives much lower running costs than an electric pond heater



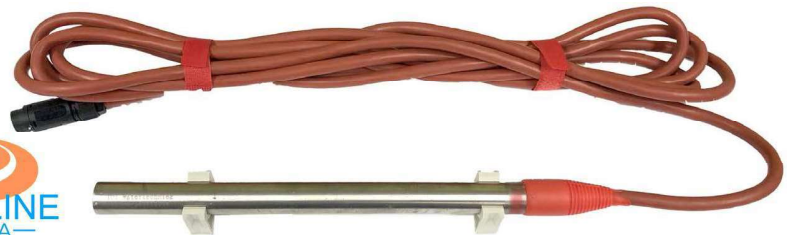
These Heat Pumps are NOT for winter Heating in the UK. Below 5deg Efficiency is lost and output will not be sufficient to heat your pond.

Turbo Heat Pump 50 (5kW)	HE910	712.90
Turbo Heat Pump 30 (3kW)	HE911	566.13

PRO-Line Heating

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New Titanium Model with thermal cutout and reset switch



These all-new Titanium Pro-line heaters offer ultimate flexibility in that the element is submersed in the pond water (no added flow restriction) and thermostats can be used independently. Should either unit fail, they can therefore be replaced individually and systems can be upgraded from 1kw to 2kw or 3kw using the same thermostat.

PRO-Line PLUG & GO Digital Thermostat (NEW Model)	HE800	291.38
1kw Pro-Line Titanium Element and Plug & Go Thermostat	HE841B	470.17
2kw Pro-Line Titanium Element and Plug & Go Thermostat	HE842B	488.79
1kW Pro-line Heating element only (Titanium) NEW Model	HE847	173.79
2kW Pro-line Heating element only (Titanium) NEW Model	HE845	193.10

The PRO-Line element must be fully submersed at all times



Thermometers

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Small Floating Thermometer	HE824	6.47
Big Blue Wheel Type	HE825	27.74
Small Black ETI Digital thermometer with 1mtr probe	HE900	10.26

The ETI aquarium thermometer features a large LCD display, max/min memory function to record the highest and lowest temperatures and an audible alarm. Temperature is measured over the range of -49.9 to 69.9 °C with a resolution of 0.1 °C and an accuracy of ±1 °C. The ETI thermometer incorporates two temperature sensors, a remote water resistant probe with one metre PVC lead that is placed inside the fish tank and an internal sensor for the room temperature. The remote probe can be mounted onto the aquarium wall using the suction pad supplied. The thermometer is housed in a durable ABS case and incorporates a foot-stand for shelf mounting.



Heating / Electrical

ETI Infra-red

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Ray-Temp 3	HE821	77.59
Mini Ray Temp	HE822	39.57
IR Pocket	HE823	30.26



Mini Ray Temp

Mini RayTemp infrared thermometer for routine day-to-day temperature checking

- compact, lightweight & easy to use
- temperature range -50 to 330°C
- laser dot alignment
- target ratio 12:1



Raytemp 3

RayTemp 3 Infrared Thermometer ideal for the foodservice industry

- ±1 °C accuracy over the critical food range
- 8 dot circular laser for precise targeting
- compact, lightweight & easy to use
- temperature range -60 to 500°C



IR Pocket

IR-Pocket infrared thermometer with max/min & display hold

- lock function for continuous measurement
- max/min memory function
- wide temperature range
- LED spot alignment
- NEW improved design for 2016



Switch Boxes / cable joiners

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K-Koi 4-Way Switch Box	HE835	45.52
K-Koi 3-way Switch Box	HE836	38.60
K-Koi Single Switch Box	HE837	12.62
Aquasafe Waterproof cable joiner (up to 20m deep)	HE839	17.50



The **Blagdon Powersafe plug and socket** is designed for safe pond side and garden electrical connections, 2200 Watt total capacity, Fits 4mm-9mm cables, Integrated live socket blanking cap/tool with ergonomic design, Weather-proof connection IP56.

These switch boxes are weatherproof and have individually rated fuses

Blagdon Switch Boxes / cable joiners

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Blagdon Powersafe Plug and Socket	HE840	22.11
5 way Electrical Switch Box (Blagdon) Mk 2	HE831	93.13
4 way Electrical Switch box (Blagdon) Mk 2	HE832	72.92
3 way Electrical switch box (Blagdon) Mk 2	HE833	55.61
2 way Electrical Switch Box (Blagdon) Mk2	HE834	46.55

Now with NEW LED indicator system



Electrical - Matsuko Switch boxes



Switch Box

The Matsuko Switch Box opens the range giving you five lines for five different devices with a stylish, but simple on and off button giving you full control over your electrical pond products



Switch Box Timer

The Matsuko Switch Box Timer gives you great flexibility over your devices, allowing you to turn five independent lines on or off plus the added feature of each line having five programmable times.



Switch Box Timer + Pumpguard

The Matsuko Switch Box Timer + PG gives you great flexibility over your devices allowing you to turn five independent lines on or off plus the added feature of each line having five programmable times. This has the added bonus of PumpGuard and a power consumption monitor.



Switch Box

+ Remote

The remote control provides greater flexibility for controlling your Switch Box than ever before, a duplicate set of buttons that mean you do not have to be at the unit to control it.



The unit is supplied pre matched to the receiver and is therefore ready to use straight away.

Matsuko Switch Box standard	HE101	115.70
Matsuko Switch Box Timer	HE102	155.74
Matsuko Switch Box Timer + Pumpguard	HE103	211.90
Matsuko Switch Box Standard (with Remote)	HE104	197.50

discount code

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