

POND

M A G A Z I N E



**YOUR POND
TOP CONDITION!**

- Optimal enjoyment starts with the basics
- How do I prevent the water from turning green?
- The natural beauty of a swimming pond

**COMPLETE
POND
RANGE**

POND MAGAZINE

If you decide to have a pond in the garden you'll want to enjoy it to the full. So it is important for a pond to be installed and maintained correctly.

As a technical wholesaler in pond articles, SIBO Fluidra supplies products for a clear, clean and healthy pond. Our range consists of such items as filter systems, pumps, UV-C units and water treatment products. SIBO Fluidra works with reputable brands such as AquaForte, Microbe-Lift, Kusuri, Sander, Xclear, Blue Eco and Valterra. In this magazine we are pleased to introduce these brands and their products to you.

If you would like further information about our products, please visit our website www.aqua-forte.com. If you would like further information about dealer locations near you, please contact us via info@aqua-forte.com.

We will be pleased to help you enjoy your pond!



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AQUAFORTE is SIBO Fluidra's own brand. It stands for reliable, professional products for installing and maintaining your pond. By being constantly on the lookout for innovations in the pond market and developing products in-house, AquaForte can guarantee a superb product line, resulting in top-quality pond water.



MICROBE-LIFT supplies biological products for keeping the pond water clear and healthy. In the U.S. Microbe-Lift is the most popular brand name for bacteria for treating ponds and surface water. Microbe-Lift articles ensure top-quality pond water and cut pond maintenance in half.



XCLEAR offers a total package for both professional (koi) ponds and hobby ponds. Besides UV-C equipment, Xclear has a range of filters and related pond products. Together these items provide safe, healthy and clear pond water.



BLUE ECO is known for its popular range of adjustable and energy efficient pond pumps. They have a fully adjustable flow and consume up to 50% less energy, thus benefitting not only your electric bill, but also CO₂ reduction and the environment.



KUSURI supplies top-quality products for koi lovers. Kusuri is passionate about keeping your koi in tip-top health and condition with its products. Kusuri's range of koi and pond products consists of water treatment products, medications and foods.



VALTERRA offers a complete line of slide valves and check valves for installing your pond's filter system. Valterra's products are top-quality: they have a full bore and open and close quickly.



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AQUAFORTE FILTER SYSTEMS FOR CLEAN, HEALTHY POND WATER

WHY DOES A POND NEED A FILTER SYSTEM?

Pond filters keep ponds clean, providing healthy water for your fish. Especially if you have fish in your pond it is important that the water should be properly filtered. If waste materials are not removed from the water to a sufficient extent, the water in the pond will become turbid and unhealthy.

Causes of pond-water pollution:

- Fish pollute the pond water by their faeces, secretions and unwanted food.
- In autumn in particular, garden waste that has blown into the pond is responsible for polluting the water.

HOW DO I KNOW IF MY POND NEEDS A FILTER?

Almost all ponds need a filter system, particularly if they have fish in them. A pond without a filter is only an option if it contains a large number of purifying plants, has few or no fish in it and the pond is not in the sun.

HOW CAN I PREVENT MY POND FROM BECOMING TURBID?

You can prevent a pond from becoming turbid by selecting the correct filter system. There are several ways of filtering pond water. Mechanical filtration filters the coarse, floating debris out of the water. With biological filtration useful bacteria convert the waste materials in the pond into harmless substances. AquaForte has a wide range of filter systems that keep your pond clean and healthy. We also advise you to filter your water using a UV-C lamp. UV-C makes for clear pond water, enabling you to get the maximum enjoyment from your pond and fish. You can find further information about UV-C equipment on page 14.

WHAT DO I HAVE TO PAY ATTENTION TO WHEN SELECTING A FILTER SYSTEM?

- The **size** of the pond: larger ponds need a larger filter.
- The **number of fish** in the pond: the more fish there are in the pond, the larger the filter has to be.
- The **number of purifying plants** in the pond: plants reduce the load on the filter by performing part of the water purification process.
- The **position of the pond**: algae formation is more likely to occur if a pond is in the full sun.

PRE-FILTERS

Pre-filters remove coarse dirt particles from the pond water before the water gets to the main filter. Since the water has already been 'pre-filtered', the main filter is able to do its work better and will not have to be cleaned as often. AquaForte has several pre-filters in its range, such as sieve filters and drumfilters.

SIEVE FILTERS

In a sieve filter the water is led out of the pond over a curved sieve. The sieve consists of hundreds of triangular profile wires set 0.2 or 0.3mm (200 or 300 microns) apart. The wires are at a slight angle, so coarser dirt stays on the sieve and the 'sieved' water goes through it. The sieved water is then taken to the main filter. AquaForte has several sieve filters in its range, such as the CompactSieve, MidiSieve, SmartSieve and UltraSieve.

ART.NR.	TYPE	SIZE L x W x H	PUMP CAP.	SIEVE ELEMENT
SK306	CompactSieve green	49 x 32 x 55 cm	±15m³/h	300 Micron
SK308	CompactSieve blue	49 x 32 x 55 cm	±15m³/h	300 Micron
SK332	Midi Sieve	56 x 27 x 74 cm	±12m³/h	300 Micron
SK348	Midi Sieve XL	56 x 27 x 89 cm	±15m³/h	300 Micron
SK240	SmartSieve	67 x 36 x 101 cm	±25m³/h	300 Micron
SK210	UltraSieve III 200 (extra fine)	65 x 37 x 99 cm	±30m³/h	200 Micron
SK211	UltraSieve III 300 (standard)	65 x 37 x 99 cm	±30m³/h	300 Micron
SK258	UltraSieve III 300 with 3 inlets	65 x 37 x 99 cm	±30m³/h	300 Micron

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AQUAFORTE COMPACTSIEVE

PUMP-FED SIEVE FILTER

- Compact sieve filter
- Must always be positioned above the pond
- Available in dark green and blue granite PE
- Pump inlet: 25/32/40mm hose tail. Outlet: 75mm



AQUAFORTE ULTRASIEVE III

GRAVITY-FED SIEVE FILTER

- Reliable pre-filter for professional koi ponds
- Very compact sieve filter
- Strong polypropylene housing
- Fitted with an extra-large waste outlet with a 90/110mm gate valve
- 2 or 3 inlets: 110mm. Outlet: 2" male thread



AQUAFORTE MIDISIEVE

GRAVITY-FED SIEVE FILTER

- Smaller version of UltraSieve III
- Small footprint
- Inlet: 110mm. Pump connection: 2" male thread with PVC fitting to 63mm



AQUAFORTE SMARTSIEVE

GRAVITY-FED SIEVE FILTER

- Made entirely of polyethylene
- One-piece housing: extra sturdiness and austere appearance
- Low production costs, so attractively priced
- Available in blue granite
- Inlet: 2 x 110mm. Pump connection: 90/63mm (can be fitted with 63mm suction pipe)

AQUAFORTE SKIMMERSIEVE GRAVITY-FED SIEVE FILTER

- Specially designed for natural swimming ponds/biopools where a large flow and efficient waste collection are vital
- The sets consists out of an UltraSieve Midi or Low with an extra inlet of Ø160mm and a wide mouth skimmer with a flange connection of Ø160mm. The supplied flexible coupling of Ø160mm allows a direct and easy connection
- A large advantage of this system is that the sieve unit can be build further away from the pond with standard Ø160mm pipes and fittings

ART.NR.	TYPE	MAX. FLOW	SIEVE ELEMENT
SK360	Skimmer Sieve Midi	± 12 m³/u	300 micron
SK362	Skimmer Sieve Low	± 25 m³/u	300 micron



ULTRASIEVE LOW SERIES

GRAVITY-FED SIEVE FILTER

An advantage of the UltraSieve Low Series is that they are only 75 centimetres high, so the filter room does not have to be so deep. The Low models have a high inlet (heart measure on 50 cm). They have 2 or 3 110mm inlets and a waste outlet including 90/110 mm slide valve. The Low and Low L have a 90 mm pump outlet and the Low XL has 2 pump 90 mm outlets.

ART.NR.	TYPE	SIZE L x W x H	PUMP CAP.	SIEVE ELEMENT
SK350	UltraSieve Low (2 inlets)	64 x 37 x 75 cm	±25 m³/h	300 micron
SK354	UltraSieve Low L (3 inlets)	64 x 53 x 75 cm	±35 m³/h	300 micron
SK200	UltraSieve Low XL (3 inlets)	64 x 73 x 75 cm	±40 m³/h	300 micron



DRUMFILTERS

Drumfilters are fully automatic pre-filters. The water enters the drumfilter at the inlet chamber and then flow into a drum-shaped sieve. The AquaForte drumfilter is, for example, fitted with a 60-micron stainless steel screen, so waste particles that are 0.06mm in size or larger can't go through the screen. These waste particles will deposit on the inner side of the drum, which will decrease the output flow of clean water through the drum. This will cause a change in water level inside and outside the drum. The level switch will detect this change in water level and send a signal to the controller to activate the cleaning process. The device itself decides when the spray nozzles clean the screen depending on how dirty the screen is. The dirt is then rinsed into the drain. You decide whether the spray nozzles use tap water (min. pressure 2 bar, max. 4 bar) or clean pond water to rinse the screen. The filtered water flows through the sieve and is then taken to the main filter.

AQUAFORTE DRUMFILTER

- Affordable drumfilter including a professional, software based controller
- Injection moulded housing made of HDPE
- The controller features various security options, like a slow start for the motor and a motor security
- The controller offers more functions like a manual cleaning button and an automatic periodical cleaning process every hour
- Only 1 cable from controller to the drumfilter. This will divide into 3 cables to the motor, float switch and cover switch.
- Fitted with cover switch for extra safety
- Extra low installing height of only 10 cm above the water level
- Suited for pump fed and gravity fed applications
- Maximum flow of 25m³/h
- 3 Inlets of Ø110mm and 2 outlets of Ø110mm and 50 Ømm connections in the top and the bottom of the inlet chamber and drum chamber
- Compact size housing (l x w x h): 47 x 57 x 43 cm. Size incl. connections and motor (l x w x h): 50 x 70 x 43 cm
- 48 VDC motor
- Comes with a white cover
- Individual, exchangeable, screen elements of 60 or 120 micron



ART.NR.	TYPE
SK830	AquaForte Drumfilter incl. white cover and controller
SK831	Transparent cover

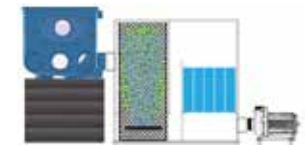
AQUAFORTE DRUMFILTER XL

- The larger version of the popular AquaForte drumfilter
- Made entirely of PP
- Extra low installing height of only 10 cm above the water level
- The controller features various security options, like a slow start for the motor and a motor security
- The controller offers more functions like a manual cleaning button and an automatic periodical cleaning process every hour
- Only one cable from controller to the drumfilter. This will divide into 3 cables to the motor, float switch and cover switch
- Fitted with cover switch for extra safety
- Suited for pump fed and gravity fed applications
- Maximum flow 35 m³/h
- 3 inlets of Ø 110mm and 2 outlets Ø 110mm
- Size housing (L x W x H): 62 x 62 x 55 cm
- 48 VDC Motor
- Individual, exchangeable, screen elements of 75 micron



For further information about drumfilters visit www.aqua-forte.com.

ART.NR.	TYPE
SK833	AquaForte drumfilter XL



AQUAFORTE BIO CHAMBER

The ideal complement for the AquaForte drumfilter.

- Provided with 2 inlets Ø110mm that match the AquaForte HDPE drumfilters' outlets
- Available as an empty unit for custom filling or complete with special moving bed modules (with Eco Pond chips) and T-profile filter foam
- Outlet: 90 mm
- Max. flow: 25m³/h

ART.NR.	TYPE
SG560	Bio Chamber with moving bed modules (incl. Eco Pondchips) & T-profile filter mats
SG562	Bio Chamber empty



PRESSURE FILTERS

Pressure filters are suitable for the smaller garden ponds with a few fish in it. Nowadays, these filters are often equipped with a built-in UV-C lamp, which prevents green water.

AQUAFORTE PRESSURE FILTERS WITH UV-C & BACKWASH FUNCTION

- Suitable for ponds without koi from 8 m³ to 15 m³ in size
- Provided with backwash function for easy cleaning
- Comes with hoses 20/25/32/40 mm



ART.NR.	TYPE	Ø x H	MAX. POND	MAX. FLOW
SG502	BF-6000 (PL 9 watt UV-C)	35 x 50 cm	8 m³	4 m³/h
SG503	BF-9000 (PL 11 watt UV-C)	35 x 55 cm	10 m³	5 m³/h
SG504	BF-12000 (PL 18 watt UV-C)	46 x 50 cm	12 m³	6 m³/h
SG505	BF-15000 (PL 24 watt UV-C)	46 x 57 cm	15 m³	8 m³/h



SICCE GREEN RESET

PRESSURE FILTER WITH UV-C & BACKWASH FUNCTION

- Suitable for ponds without koi from 8 m³ to 35 m³
- Fitted with filter foam and bio balls (60 and 100 have no bio balls)
- Connections 25/40: 1" male threaded incl. hoses 25/30 mm. Connections 60/100: 2" male threaded incl. hoses 32/38/50 mm.
- Handle on the top for cleaning with clean and dry hands



ART.NR.	TYPE	SIZE Ø x H	CONTENT	MAX. POND	MAX. FLOW
SB953	Green Reset 25 (10 watt UV-C)	38 x 48 cm	25 liter	8 m³	4 m³/h
SB954	Green Reset 40 (20 watt UV-C)	38 x 70 cm	40 liter	16 m³	8 m³/h
SB960	Green Reset 60 (2 x 20 watt UV-C)	50 x 58 cm	60 liter	25 m³	12 m³/h
SB961	Green Reset 100 (2 x 25 watt UV-C)	50 x 74 cm	100 liter	35 m³	16 m³/h

AQUAFORTE PRESSURE FILTER WITH UV-C & BACKWASH FUNCTION

- Suitable for ponds without koi from 4 m³ to 15 m³
- Provided with backwash function for easy cleaning
- Comes with hoses 20/25/32/40 mm
- Handle on the top for cleaning with clean and dry hands



ART.NR.	TYPE	SIZE Ø x H	MAX. POND	MAX. FLOW
SG522	CBF-4000 (9 watt UV-C)	28 x 42 cm	4 m³	2 m³/h
SG524	CBF-8000 (11 watt UV-C)	34 x 53 cm	8 m³	4 m³/h
SG525	CBF-12000 (24 watt UV-C)	41 x 51 cm	12 m³	6 m³/h
SG526	CBF-15000 (36 watt UV-C)	41 x 61 cm	15 m³	8 m³/h

BEAD FILTERS

Bead filters are closed (pressure) vessels filled with thousands of plastic beads. These beads are very close together and form a layer through which the water is forced by a pump. As a result, the dirt particles stick in the beads. If the filters are used for some time, the biofilm (the sticky layer) around the beads becomes thicker, so that finer and finer dirt is caught.

Both mechanical filtration and biological filtration take place in a bead filter. This is because useful bacteria stick to the beads and break down harmful substances such as ammonium, nitrite and nitrate. A bead filter can easily be operated manually using the six-way valve. This six-way valve can be used to set various functions, such as cleaning the filter. AquaForte has several bead filters in its range, such as the UltraBead and the EB series.

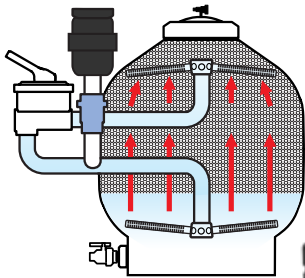
AQUAFORTE ULTRABEAD BEAD FILTER

NO. 1 IN FILTRATION

Advantages:

- Most compact pond filter on the market
- Fine mechanical and biological filtration in one
- Easy to install
- Very easy to rinse, without dirtying your hands
- Equipped with an integrated by-pass
- Consists of inalterable thermoplastic
- Manufactured with the world's most reliable injection moulding method
- Max. working pressure: 2,5 bar (25m)

ART.NR.	TYPE	MEDIA (BEADS)	MAX. POND	MAX. FISH LOAD	MAX. BIOPOND
SK403	UB60	120 ltr	40 m³	100 kg	80 m³
SK405	UB100	170 ltr	60 m³	135 kg	120 m³
SK407	UB140	255 ltr	100 m³	200 kg	200 m³



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BEADFILTERS ARE ALSO
THE IDEAL FILTER FOR
SWIMMING PONDS! PROVIDE
PERFECTLY CLEAR, HEALTHY
WATER!



AQUAFORTE EB SERIES BEAD FILTER

- Excellent price-quality ratio
- High-quality PE housing
- 5 models for ponds that are approx. 10 to approx. 100m³ in size
- Max. working pressure: 1,2 bar (12m)

ART.NR.	TYPE	Ø x HEIGHT	PUMP CAP.	MAX. POND SIZE	MAX. FISH LOAD	6-WAY VALVE
SK520	EB-40	40 x 68 cm	±15m³/h	10 m³	35 kg	1½"
SK522	EB-50	50 x 75 cm	±15m³/h	20 m³	50 kg	1½"
SK524	EB-60 with Ø50mm pipe work	60 x 85 cm	±15m³/h	35 m³	80 kg	1½"
SK525	EB-60 with Ø63mm pipe work	60 x 85 cm	±25m³/h	35 m³	80 kg	2"
SK526	EB-100	75 x 113 cm	±25m³/h	60 m³	135 kg	2"
SK527	EB-140	90 x 126 cm	±25m³/h	100 m³	200 kg	2"

NEW! EB-60 WITH 2"
MULTIPORT VALVE & 63
MM PIPE WORK

TIP

EB series now also available as a complete plug & play filter system. The solution for installers and 'DIY-ers'.

AQUAFORTE COMPLETE EB SERIES FILTER SYSTEM

Unique on the European pond market: a complete 'plug & play' filter system mounted complete on a plastic pallet measuring 1 by 1.20 metres.

- The filter system consists of:
- EB series bead filter with bypass
 - MidiSieve (standard or raised)
 - 40 or 75-watt Power UV T5
 - AquaForte DM-Vario 20000 pump or Blue Eco 320

These products are fitted complete on a plastic pallet.
So including fittings, pipes and check valve.



TIP

INSTALL A COMPLETE FILTER SYSTEM IN 15 MINUTES

You only have to make three connections to the pond system: inlet from the bottom drain/skimmer (110mm), return to the pond (63mm) and the drain (50mm).

ART.NR.	TYPE	FILTER	TYPE PRE-FILTER	PUMP	UV-C UNIT	MAX. POND
SK500	Complete EB-50 Filtersystem	EB-50	MidiSieve	DM-Vario 20000	40 Watt Power UV T5	±20 m³
SK502	Complete EB-60 Filtersystem	EB-60	MidiSieve XL	DM-Vario 20000	75 Watt Power UV T5	±36 m³
SK504	Complete EB-60 Filtersystem	EB-60	MidiSieve XL	Blue Eco 320	75 Watt Power UV T5	±36 m³

AQUAFORTE BYPASS FOR EB SERIES BEAD FILTER

- Bypasses the six-way valve during filtration
- Less pressure loss as the water enters and leaves the filter directly in a straight line
- Makes the use of energy-efficient pumps possible
- Easy to fit on all EB series filters



ART.NR.	TYPE	CONNECTION
SK529	Bypass EB-40/50/60	Ø50mm
SK518	Bypass EB-100/140	Ø63mm

MULTI-BAY FILTERS

Multi-bay filters are the oldest and still most popular filters in the pond world. The pond water is taken through several filter units or chambers containing different filter materials, such as filter brushes, filter mats and foam filter packages. As a result, the water is filtered mechanically and biologically. If you buy a complete multi-bay filter, it is moulded from a single piece. You can also opt to put together your own multi-bay filter based on modular filter units.

XCLEAR 3-CHAMBER FILTERS

WITH OR WITHOUT UV-C

- 3-chamber filter with honeycomb filter medium and filter foam
- UV-C breaks down floating algae and bacteria

ART.NR.	TYPE	SIZE L x W x H	MAX. POND	MAX. FLOW
SG514	3-Chamber filter 220L	96 x 42 x 60 cm	8 m³	4 m³
SG516	3-Chamber filter 220L + 40 watt UV-C	96 x 42 x 60 cm	8 m³	4 m³
SG518	3-Chamber filter 330L	96 x 67 x 68 cm	12 m³	6 m³
SG520	3-Chamber filter 330L + 40 watt UV-C	96 x 67 x 68 cm	12 m³	6 m³



TIP

Eco PONDCHIPS

Eco Pondchip is a biological filter medium that is very effective in a moving bed filter for (koi) ponds. Eco Pondchips are 23mm in diameter and 1mm thick. The unique structure increases the attachment surface for useful bacteria by as much as 5 to 7 times the area of normal filter media in a moving bed filter. In addition, the green chips are also exceptionally light, so little energy is needed to move them. This can make for considerable savings in the energy consumption of air pumps.



WHAT DOES A CONNECT CLEAR MOVING BED FILTER MODULE DO?

A multi-bay filter system uses a moving bed filter module to supplement the biological filter capacity. An air pump ensures that the water and the filter media are kept constantly moving in the moving bed filter. Useful bacteria stick to the filter media and convert waste materials into harmless substances. The oxygen-rich water reinforces this process of biological filtration.



ART.NR.	TYPE
SG477	Connect Clear moving bed module

ART.NR.	TYPE
SB483	50 m² Eco Pond Chip (± 14 liter) in filternet bag (for 20 m³ pond water)

UV-C THE DIFFERENCE IS CLEAR

WHY IS MY (SWIMMING) POND GREEN?

Floating algae are the main cause of green pond water. Too high a concentration of floating algae can occur if:

- The water has recently been changed and is not yet in balance
- The pond is continuously exposed to sunlight
- The water plants are not effective
- The filter system is not working or not working properly
- There are too many nutrients in the water

HOW DO I PREVENT THE WATER FROM TURNING GREEN?

UV-C equipment is the solution for green pond water and is therefore indispensable in any pond.

HOW DOES UV-C WORK?

The pond pump pumps the pond water through the UV-C unit, where it comes into contact with UVC radiation. This radiation attacks the DNA structure of single-cell micro-organisms in the pond, such as bacteria, viruses and algae. As a result they can no longer reproduce and they disappear from the pond. The result is a clear, healthy pond without the addition of chemicals. For detailed information about how UV-C works, visit www.aqua-forte.com.

ADVANTAGES OF UV-C TECHNOLOGY:

- Rapid improvement in the water quality
- A crystal-clear pond without the addition of chemicals
- Protects the fish against germs
- Lower energy and maintenance costs
- Environmentally friendly technology
- Overdosing not possible
- Reduces the maintenance of your pond





AQUAFORTE INOX UV-C

- Available with T5 and amalgam lamp
- Housing made entirely of stainless steel
- Max. pressure: 5 bar
- The flow switch automatically switches the lamp off when there is no flow
- Timer keeps track of the number of hours that the lamp has been on for

ART.NR.	TYPE	MAX. POND	MAX. FLOW
SB795	Pro Inox UV-C T5 75 watt	75 m³	20 m³/h
SB796	Pro Inox UV-C Amalgam 130 watt	130 m³	40 m³/h



AQUAFORTE BUSTER UV-C

- Professional UV-C units for large (swimming)ponds and biopools
- Due to innovative technique a stainless steel 316L house is combined with a PVC bottom and cover
- Available in 1 x 130 watt or 3 x 130 watt amalgam lamp
- New design electronic ballast has a signal lamp that displays the status of the UV-C lamp
- Comes with a flowswitch, the 390 watt version has a build-in flowswitch
- Connections 130 watt: 2 x 2" male threading, 390 Watt: 2 x 3" male threading
- Max. pressure 2,5 bar

ART.NR.	TYPE	Ø x H. mm	MAX. VOLUME	MAX. FLOW
SB394	Buster UV-C 130W	114 x 950	100 m³	30 m³/h
SB395	Buster UV-C 390W	219 x 950	300 m³	40 m³/h

TIP

Make sure your quartz glass is clean so that the UV-C lamp can do its work as well as possible.



REPLACEMENT LAMPS

UV-C lamps have an average lifetime of 9000 operating hours. After that they still work, but the radiation is weaker (80%), so the intended effect is not obtained. It is therefore important to replace the UV-C lamp every year to ensure the best possible operation. Amalgam lamps have a lifetime of 12000 hours. After that the UV-C output is 80%.

For further information about the various replacement lamps, visit www.aqua-forte.com.

AQUAFORTE POWER SIGNAL UV-C

- T5 Lamp
- Equipped with a LED timer that continuously displays the lamp status clearly
- Stainless steel housing
- 3 Connections (2 x 63mm and 1 x blind cover) plus 2 special hose connectors (32/38/40/50mm)

ARTNR.	TYPE	MAX. POND	MAX. FLOW
SB396	Power Signal UV-C 75 watt T5	70 m³	20 m³/h



AQUAFORTE MIDI POWER UV-C

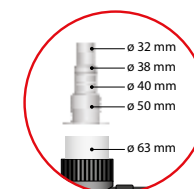
- T5 lamp
- Stainless Steel housing
- Ø63 mm PVC connections and hosedails 32/38/40/50 mm

ART.NR.	TYPE	MAX. POND	MAX. FLOW
SB386	MIDI UV-C 40 watt T5	30 m³	15 m³/h
SB387	MIDI UV-C 75 watt T5	60 m³	20 m³/h

AQUAFORTE STAINLESS STEEL POWER UV-C T5

- T5 lamp
- Stainless steel housing
- Max. pressure: 2 bar
- With three connections (2 x 63 mm and 1 x blind cap) and 2 special hose adaptors (32/38/40/50mm)

ART.NR.	TYPE	MAX. POND	MAX. FLOW
SB620	Power UV-C 40 Watt T5	40 m³	15 m³/h
SB621	Power UV-C 75 Watt T5	70 m³	20 m³/h



UV-C UNITS

BIO UV UV-C UNITS

- Made of high-quality 316L stainless steel
- Special high-intensity UV-C lamp
- Choice of unit depending on (actual) pump capacity per hour
- UV-C lamp has a lifetime of 13000 operating hours



ART.NR.	TYPE	WATT	MAX. FLOW at 30 m³/cm²	LENGTH x Ø	KG	IN-/OUTLET
SB650	Bio-UV 10	33	7 m³/h	42 x 15 cm	7,6	50 mm
SB652	Bio-UV 20	55	12 m³/h	69 x 15 cm	9	50 mm
SB654	Bio-UV 30	87	20 m³/h	94 x 15 cm	11	63 mm
SB656	Bio-UV 40	102	25 m³/h	120 x 15 cm	14	75 mm

DELTA UV UV-C UNITS

- Easy to install thanks to the 360° rotatable connections
- Special high-output UV-C lamps
- Made of 316 stainless steel
- Rotatable connections can be disconnected for ease of cleaning
- UV-C lamp has a lifetime of 13000 operating hours



ART.NR.	TYPE	WATT	MAX. FLOW at 30m³/cm²	MAX. FLOW at 20-22 m³/cm²	LENGTH x Ø	CONNECTION
SB631	EA-3H-15	45	5,2 m³/h	7,5 m³/h	70 x 7,62 cm	63 mm
SB636	EA-4H-15	55	7,6 m³/h	10 m³/h	70 x 10,16 cm	63 mm
SB637	EA-4H-20	90	9,5 m³/h	13 m³/h	99 x 10,16 cm	63 mm
SB638	EA-4H-40	110	10,7 m³/h	15,6 m³/h	117 x 10,16 cm	63 mm



AQUAFORTE PURE UV-C TL

- PE housing
- With 30 or 55 watt TL lamp
- Large reactor housing provides long exposure to UV-C radiation!
- Also suitable for salt water
- 3 x 1½" female threaded connections incl. 2 hoses 25/32/40 mm
- Max. pressure 0,7 bar



ART.NR.	TYPE	MAX. POND	MAX. FLOW
SB382	Pure UV-C TL 30 watt	27 m³	13 m³/h
SB383	Pure UV-C TL 55 watt	45 m³	18 m³/h

XCLEAR FLEX UV-C

- 4 connections for easy installation
- T5 lamp
- Aluminium housing
- Max. pressure: 2 bar



ART.NR.	TYPE	MAX. POND	MAX. FLOW
SB755	Flex UV-C 40 watt	35 m³	15 m³/h
SB756	Flex UV-C 75 watt	70 m³	20 m³/h

XCLEAR PROFESSIONAL UV-C

- PL lamp
- Stainless steel housing
- Max. pressure: 2 bar



ART.NR.	TYPE	MAX. POND	MAX. FLOW
SB805	Professional UV-C 18 watt	15 m³	6 m³/h
SB807	Professional UV-C 36 watt	35 m³	10 m³/h
SB803	Professional UV-C 55 watt	55 m³	15 m³/h

XCLEAR PROFESSIONAL UV-C Ø110MM

- The first professional UV-C unit with 110mm connections
- Ideal for systems with low-pressure pumps to avoid pressure loss as much as possible
- Stainless steel housing
- Available with T5 or amalgam lamp
- Max. pressure: 2 bar

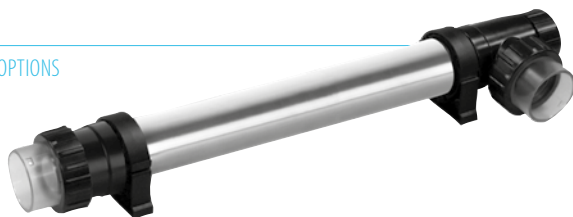


ART.NR.	TYPE	MAX. POND	MAX. FLOW
SB697	Ø110mm T5 lamp 75 watt	75 m³	20 m³/h
SB698	Ø110mm Amalgam lamp 130 watt	130 m³	40 m³/h

XCLEAR ULTRAFLEX

THE ULTIMATE LAMP FOR FLEXIBLE INSTALLATION OPTIONS

- 360° flexible installation thanks to straight coupling connection
- Ideal for corner installations and installations with several lamps
- Available with T5 and PL lamp
- Max. pressure: 2 bar



ART.NR.	TYPE	MAX. POND	MAX. FLOW
SB890	Ultraflex 75 watt T5 lamp	70 m³	20 m³/h



LET YOUR POND 'BREATHE' WITH A POND PUMP

TIP

With a variable pond pump you can easily reduce the power of the pump during the winter. This makes the pump work more energy efficient, the water keeps moving and the biology of the pond filter in operation.

WHAT DOES A POND PUMP DO?

- Circulates the water in the pond, so the water absorbs oxygen better
- Pumps the (dirty) pond water to the mechanical and biological (pre-)filter and the UV-C filter
- Makes it easy to make a fountain, stream or waterfall

WHAT DO I HAVE TO PAY ATTENTION TO WHEN SELECTING MY POND PUMP?

Pond pumps are available in many different versions. The choice of a suitable pond pump depends on four variables:

- **Dry or wet configuration:**
With a **dry configuration** the pond pump is outside the pond. The advantage of a dry configuration is that the pond pump is free-standing and easy to maintain. With a **wet configuration** the pond pump is in the

pond or in a filter below the water level. The advantage of this is that the pump is neatly concealed and the hoses are less visible.

- **Pump head:**
Head is the height at which a pump can raise water up. Always bear in mind the pressure loss caused by the pipework and such things as filters, UV-C units and heating.
- **Capacity (litres per hour):**
The capacity of a pump indicates how many litres of pond water an hour it can handle. This capacity depends on the pressure loss that the pump has to bridge.
- **Energy consumption:**
The lower the wattage, the lower the electric bill. Since a pond pump is permanently on during the warm months we strongly recommend to choose an energy-efficient pump. Several pond pumps allow you to determine the energy consumption and capacity yourself.

TIP

A rule of thumb often used is that a pond pump should pump 25% to 50% of the pond water per hour.



BLUE ECO POND PUMPS



ENERGY-EFFICIENT POND PUMPS WITH FULLY ADJUSTABLE FLOW

- Fully adjustable flow
- Dry and wet configurations possible
- 100% seawater-resistant
- Very latest technology (True Sine Wave)
- Controlled by intelligent controller
- The pump of the future!

Energy-efficient

The Blue Eco pond pumps consume up to 50% less energy, thus also benefitting the environment and CO₂ reduction.

Intelligent controllers

All of the various Blue Eco models have their own controller. The operating hours, electricity consumption, output and speed are shown on the display. The display also gives a variety of messages, such as those relating to faults.

Blue Eco controllers have extra options, like 5 timer programs that can control the pump capacity and duration, the cruise control option and a full automatic protection against dry running.

Blue Eco pumps have a 0-10 volt input that enables them to be operated externally.

Certification

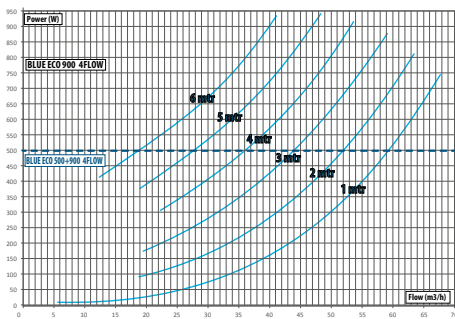
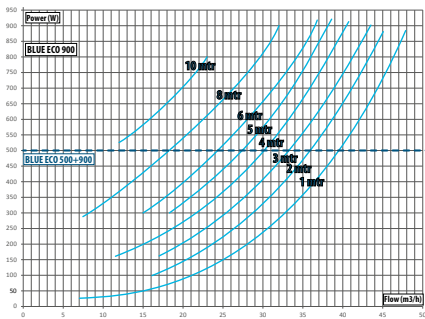
The Blue Eco is the only pump in its class that has both the standard European CE certification and the German 'TÜV Prüfungs- und Testzertifikat'. The University of Shenzhen also tests every controller and delivers them with a test certificate.

Unparalleled flow

The 900 and 2200-watt Blue Eco pumps are also available with the 4Flow pump head. This special pump head provides an unparalleled flow. The maximum pump head is lower than with the normal Blue Eco pump head, but this is offset by the enormous water capacity. The pump head is made of Duplex, making it 100% resistant to chlorine and seawater.

TIP

Blue Eco pumps are also the ideal pumps for swimming ponds!



In these curves you can see the performance of the Blue Eco 500 and 900 (with and without 4Flow pump head) at different heads. The parting line at 500 watt shows, where the capacity of the 500 watt pump stops. Above this line the values are only valid for the 900 watt version.



ART.NR.	TYPE
RF182	Blue Eco 240 watt, max. 23 m ³ /h, max. 5 mtr.
RF188	Blue Eco 320 watt, max. 25 m ³ /h, max. 7 mtr.
RF194	Blue Eco 500 watt, max. 42 m ³ /h, max. 11 mtr.
RF193	Blue Eco 500 Watt 4Flow, max. 59 m ³ /h, max. 6 mtr.
RF198	Blue Eco 900 watt, max. 48 m ³ /h, max. 13 mtr.
RF199	Blue Eco 900 watt 4Flow, max. 67 m ³ /h, max. 10 mtr.
RF206	Blue Eco 1500 watt, max. 52 m ³ /h, max. 17 mtr.
RF208	Blue Eco 2200 watt, max. 57 m ³ /h, max. 23 mtr.
RF209	Blue Eco 2200 watt 4Flow, max. 88 m ³ /h, max. 18 mtr.
RF210A	Pre-filter for Blue Eco pumps
RF212	Extension cable (7 metre) for model 240/320
RF213	Extension cable (9 metre) for model 500/900/1500/2200

WWW.BLUE-ECO.NL



AQUAFORTE POND PUMPS

AquaForte offers a line of pond pumps at an attractive price. The pumps are suitable for various applications, such as streams, waterfalls, fountains and filters.

AQUAFORTE DM-SERIES

- Energy-efficient
- Low-noise operation
- Synchronous motor
- Suitable for fresh and salt water
- Automatically switches off when there is no water in the rotor
- Suitable for wet and dry configurations
- Can pump dirt particles up to 6mm in size



AQUAFORTE DM LOW VOLTAGE SERIES

Based on the popular DM series of pumps. Ideal for swimming ponds or other applications for which a low-voltage pump is preferable. For further information and specifications, visit www.aqua-forte.com.

ART.NR.	TYPE	WATT	MAX. LTR/H	MAX. HEAD	INLET	OUTLET
RD625	DM-3500	25	3500	3,0 mtr	1 1/4"	1 1/4"
RD626	DM-5000	40	5000	3,5 mtr	1 1/4"	1 1/4"
RD627	DM-6500	50	6500	4,0 mtr	1 1/4"	1 1/4"
RD628	DM-8000	70	8000	4,5 mtr	1 1/4"	1 1/4"
RD629	DM-10000	85	10000	5,0 mtr	1 1/4"	1 1/4"
RD630	DM-13000	110	13000	5,5 mtr	2"	2"
RD631	DM-15000	135	15000	6,0 mtr	2"	2"

AQUAFORTE O-SERIES

- Suitable for wet and dry configurations
- Asynchronous motor

ART.NR.	TYPE	WATT	MAX. LTR/H	MAX. HEAD	INLET	OUTLET
RD679	O-4600	35	4600	2,6 mtr	1 1/2/2"	1 1/2/2"
RD682	O-6500	65	6200	3,5 mtr	1 1/2/2"	1 1/2/2"
RD683	O-8500	95	8200	4,2 mtr	1 1/2/2"	1 1/2/2"
RD684	O-10000	120	10000	4,5 mtr	1 1/2/2"	1 1/2/2"
RD686	O-13000	130	13000	5,0 mtr	2"	2"
RD687	O-16000	180	15500	5,5 mtr	2"	2"
RD685	O-18000	220	17500	6,0 mtr	2"	2"



AQUAFORTE O-PLUS LOW VOLTAGE SERIES

Based on the popular AquaForte O-Plus series of pond pumps. Ideal for swimming ponds or other applications for which a low-voltage pump is preferable. For further information and specifications, visit www.aqua-forte.com.

AQUAFORTE O-PLUS SERIES

- Energy-efficient
- Low-noise operation
- Synchronous motor
- Automatically switches off when there is no water in the rotor
- Suitable for wet and dry configurations
- Can pump dirt particles up to 6mm in size

ART.NR.	TYPE	WATT	MAX. LTR/H	MAX. HEAD	INLET	OUTLET
RD710	O-3500 Plus	25	3500	3,0 mtr	1 1/2/2"	2"
RD711	O-5000 Plus	40	5000	3,5 mtr	1 1/2/2"	2"
RD712	O-6500 Plus	50	6500	4,0 mtr	1 1/2/2"	2"
RD713	O-8000 Plus	70	8000	4,5 mtr	1 1/2/2"	2"
RD714	O-10000 Plus	85	10000	5,0 mtr	1 1/2/2"	2"
RD715	O-13000 Plus	110	13000	5,5 mtr	2"	2"
RD716	O-15000 Plus	135	15000	6,0 mtr	2"	2"
RD717	O-18000 Plus	170	17500	6,5 mtr	2"	2"
RD718	O-20000 Plus	200	19000	7,0 mtr	2"	2"

AQUAFORTE EC-SERIES

- Energy-efficient
- Low-noise operation
- Synchronous motor
- Suitable for fresh and salt water
- Automatically switches off when there is no water in the rotor
- Suitable for wet and dry configurations
- Can pump dirt particles up to 6mm in size

ART.NR.	TYPE	WATT	MAX. LTR/H	MAX. HEAD
RD740	EC-3500	16	3500	2,0 mtr
RD741	EC-5000	26	5000	3,0 mtr
RD742	EC-6500	38	6500	3,5 mtr
RD743	EC-8000	50	8000	4,0 mtr
RD744	EC-10000	68	10000	4,5 mtr





AQUAFORTE PROPELLOR PUMPS

- Large flow pumps with low energy consumption
- Useful for extra circulation in e.g. koi ponds and fish farms
- Suited for low pressure applications like drum- and fleece filters
- Can pump solids up to 6mm

ART.NR.	TYPE	WATT	MAX. FLOW	MAX. PRESSURE	OUTLET
RD765	HFP-50000	280	45 m³/h	1 mtr	Ø110 mm
RD766	HFP-70000	550	70 m³/h	3 mtr	Ø110 mm



AQUAFORTE P-SERIES

- Pumps with higher pressure
- Suitable for horizontal and vertical use
- Suitable for wet and dry configurations

ART.NR.	TYPE	WATT	MAX. LTR/H	MAX. HEAD	INLET	OUTLET
RD657	P-15000	290	15000	6,5 mtr	2"	1½"
RD658	P-20000	420	20000	7,5 mtr	2"	1½"
RD659	P-25000	520	25000	8,0 mtr	2"	1½"
RD655	P-35000	650	35000	8,5 mtr	63 mm	63 mm
RD656	P-40000	1000	38500	11,0 mtr	63 mm	63 mm



AQUAFORTE FOUNTAIN PUMP SETS

- Creates a fabulous fountain in just a few minutes
- All sets come with a water bell and a multi-stage fountain head
- Includes accessories
- Synchronous motor

ART.NR.	TYPE	WATT	MAX. LTR/H	MAX. HEAD
RD768	FP-1000 with FT02	14	1000	1,8 mtr
RD769	FP-2000 with FT03	35	2000	2,5 mtr
RD770	FP-3000 with FT04	60	3000	2,8 mtr
RD771	FP-4000 with FT04	75	4000	2,9 mtr

TIP

Would you like further information or details of a dealer located near you? If so, contact us via info@aquaforte.com.



AQUAFORTE DM-VARIO SERIES

- Adjustable flow from 30% to 100% with external controller
- Suited for outdoor use
- Suited for wet and dry applications
- The controller can start/stop the pump
- Automatic power-off protection when running dry

ART.NR.	TYPE	WATT	FLOW	MAX. HEAD	IN-/OUTLET
RD760	DM-10000 Vario	15-85	4-9 m³/h	5 mtr	1½"
RD762	DM-20000 Vario	34-187	9-20 m³/h	6,5 mtr	2"
RD764	DM-30000 Vario	45-385	12-29 m³/h	8 mtr	2"



AQUAFORTE O-PLUS VARIO SERIES

- Adjustable flow from 30% to 100% with external controller
- Specially designed for underwater applications
- The controller can start/stop the pump
- Automatic power-off protection when running dry

ART.NR.	TYPE	WATT	FLOW	MAX. HEAD
RD721	O-Plus 10000 Vario	15-85	4-9 m³/h	5 mtr
RD723	O-Plus 20000 Vario	34-187	9-20 m³/h	6,5 mtr



FIBREGLASS PUMP SUMP UNIT

When you install a pond, you can choose for a pump sump unit. You can use this unit for various applications.

ART.NR.	TYPE	VOLUME
SG242	Pump sump with lid 60cm high	±190 L
SG241	Pump sump with lid 100 cm high	±270 L



AQUAFORTE HF VARIO

- Adjustable flow from 30% to 100% with external controller
- Even more efficient in energy consumption
- Specially designed for underwater applications
- The controller can start/stop the pump

ARTNR.	TYPE	WATT	MAX. FLOW	OUTLET	MAX. HEAD
RD730	HF 25000-Vario	130	26 m³/h	Ø75mm	3,3 mtr
RD731	HF 35000-Vario	200	33 m³/h	Ø110mm	4,5 mtr
RD732	HF 55000-Vario	335	55 m³/h	Ø110mm	5 mtr



AQUAFORTE PRIME VARIO SERIES

- Adjustable flow from 30% to 100% with external controller
- Suited for dry installation
- Can be installed in different positions thanks to its rotatable pump head
- Professional pump strainers are optionally available for in pond use

ARTNR.	TYPE	WATT	FLOW	IN-/OUTLET	MAX. HEAD
RD790	Prime Vario 10000	25-85	4-10 m³/h	2" male	5,5 mtr
RD791	Prime Vario 22000	59-200	9-20 m³/h	2" male	7,5 mtr
RD792	Prime Vario 30000	100-335	12-30 m³/h	2" male	9,5 mtr



AQUAFORTE PRIME VARIO LV SERIES

- Adjustable flow from 30% to 100% with external controller
- Ideal for swimming ponds!

ARTNR.	TYPE	WATT	FLOW	IN-/OUTLET	MAX. HEAD
RD757	Prime Vario 10000 LV	19-84	10 m³/h	2" male	4,5 mtr
RD758	Prime Vario 15000 LV	23-110	14 m³/h	2" male	5 mtr
RD759	Prime Vario 22000 LV	32-154	22 m³/h	2" male	5,5 mtr



HEATING

WHY WOULD I HEAT MY POND?

Your pond could freeze over during the winter, rendering your fish more susceptible to diseases. You can therefore choose to heat your pond by means of a heat pump. A heat pump ensures that you have a completely frost-free pond and a better temperature for the fish.

ADVANTAGES OF HEATING A POND:

- It eliminates the chance of frost damage
- Fish are more likely to stay healthy during the winter and have greater resistance after the winter
- The filter stays more active at warmer temperatures
- The pond water achieves balance faster in the spring
- Extends the pond season because of higher water temperatures

AQUAFORTE PROFIHEATER

Professional stainless steel pond heater with adjustable thermostat up to 40°C.



ART.NR.	TYPE	POND VOLUME
SC517	ProfiHeater Stainless Steel 1 kW	5 m³
SC518	ProfiHeater Stainless Steel 2 kW	10 m³
SC519	ProfiHeater Stainless Steel 3 kW	15 m³

FROST PREVENTERS

A frost preventer keeps the pond free of ice locally so that it does not freeze over entirely.



ART.NR.	TYPE
SB305	Frost Preventer standard

AQUAFORTE FULL INVERTER HEAT PUMPS

With AquaForte's heat pumps you will be heating your pond in an energy-efficient and energy-conscious manner.

Benefits:

- Polymer housing
- Very high efficiency
- Low noise level
- 5 inch full colour touchscreen
- Control via wifi module (optional)



ART.NR.	TYPE	VOLT	KW	AMP.	CAP.
SC635	AQF 9/1F	230	0,16 - 1,6	9	2,15 - 9
SC636	AQF 12/1F	230	0,21 - 2,12	13	2,85 - 12
SC637	AQF 17/1F	230	0,3 - 3,03	15	3,77 - 17
SC638	AQF 20/1F	230	0,37 - 3,94	20	4,6 - 19,5
SC643	AQF 24/3F	400	0,46 - 4,8	9,5	5,7 - 24,2
SC644	AQF 29/3F	400	0,54 - 5,6	11	6,7 - 28,3
SC645	WiFi Module	-	-	-	-

TIP

A WiFi module can be added to AquaForte heat pumps as an optional extra so that you can operate your heat pump from anywhere in the world via the Internet.

AQUAFORTE AERATION

THE IMPORTANCE OF HAVING SUFFICIENT OXYGEN IN YOUR POND

WHAT CAUSES INSUFFICIENT OXYGEN IN MY POND?

Oxygen is of crucial importance for all living organisms in your pond. It is important to keep your oxygen level at the correct level so as to prevent fish deaths and algae growth.

Causes of insufficient oxygen:

- **Rising water temperature** in the spring and summer
- **Decomposing organic material** on the bottom of your pond, such as leaves and uneaten food
- **Plants and algae** absorb oxygen from the water at night and gradually release it again during the day. So in the morning there is less oxygen

HOW DO I KNOW WHETHER THERE IS INSUFFICIENT OXYGEN IN MY POND?

In many cases this will be obvious because the fish will move through the water slowly, gasp for air or jostle one another for the most oxygen-rich spot. These signs indicate a lack of oxygen and we advise aerating your pond at once. This can be done by getting the water surface to move as much as possible by means of, say, an air pump, fountain, waterfall or even a garden hose.

HOW CAN I SOLVE INSUFFICIENT OXYGEN STRUCTURALLY?

Since you cannot always be at home to keep an eye on how your fish are behaving, AquaForte has a simple solution for keeping the oxygen level in your pond at the correct level: AquaForte air pumps.

AQUAFORTE AIR PUMPS HI-FLOW V-SERIES

- Powerful air pump thanks to double air chamber
- Low-noise operation
- Housing made of high-quality aluminium alloy
- Suitable for continuous usage

TIP

Now available as complete sets with manifold, air hose (4 x 6 mm) and Ø 5 cm air stones.



ART.NR.	TYPE	WATT	CAP. AT 1,2 M	CAP. AT 2 M	MAX. PRESSURE	KG	SIZE CM
SC400	V-10	10	4 ltr/min	-	2 m	1,3	13 x 12 x 10
SC402	V-20	15	9 ltr/min	3 ltr/min	2 m	2,5	23 x 19 x 18
SC404	V-30	25	17 ltr/min	7 ltr/min	2,5 m	3,5	25 x 20 x 20
SC406	V-60	35	57 ltr/min	40 ltr/min	3 m	5,6	27 x 24 x 21

AQUAFORTE AIRPUMPS AP-SERIES

- Compact size
- Low power consumption
- Low noise operation
- Automatic power-off protection when membranes are worn out

ART.NR.	TYPE	WATT	CAP. AT 1M	CAP. AT 2M	MAX. PRESSURE	OUTLET	KG	dB
SC451	AP-35	20	30 l/m	13 l/m	2,8 m	16,5 mm	2,7	32
SC452	AP-45	25	47 l/m	24 l/m	3,0 m	16,5 mm	2,9	33
SC453	AP-60	38	73 l/m	45 l/m	3,5 m	18 mm	3,4	35
SC454	AP-80	55	84 l/m	53 l/m	3,6 m	18 mm	3,5	36
SC455	AP-100	65	106 l/m	70 l/m	3,8 m	18 mm	3,6	36
SC456	AP-150	125	190 l/m	150 l/m	4,2 m	18 mm	7,8	45
SC457	AP-200	200	250 l/m	200 l/m	4,5 m	18 mm	8	46



TIP

To see AquaForte's complete range, visit www.aqua-forte.com.

CLEAN SURFACE WATER WITH AQUAFORTE SKIMMERS

WHAT IS THE VALUE ADDED OF A SKIMMER IN A POND?

Owing to the changing weather conditions, debris such as leaves, pollen and dead insects regularly blows into the pond. Skimmers catch this debris, so that the water surface is kept clean. They prevent debris from

sinking to the bottom, where it would rot and pose a danger to the oxygen content of the pond. AquaForte offers a wide range of user-friendly floating skimmers (with and without pump) and wall skimmers.

TIP

View the entire range of skimmers on www.aqua-forte.com.



AQUAFORTE FLOATING SKIMMER WITH PUMP

- Easy to install in the pond
- Easy to clean
- Includes skimmer basket, foam filter and 10 metres of cable

ART.NR.	TYPE	TOTAL SURFACE	CAP.
SB254	Floating skimmer with 60 watt pump	50 m²	3000 l/h



AQUAFORTE SKIMMER 23

- Super-flow skimmer inlet for maximum surface cleaning
- Easy to camouflage with natural materials and plants
- High-quality HDPE housing with life-long warranty
- Includes removable cover and skimmer basket
- Option of installing a pump and filter mat in the skimmer

ART.NR.	TYPE	WEIR WIDTH	SIZE L x W x H	PUMP CAP.
SG320	Skimmer 23	23 cm	49 x 65 x 55 cm	7,5 - 15 m³/h

AQUAFORTE PRO SERIES SKIMMERS

- Super-flow inlet for maximum surface cleaning
- Heavy-duty-quality collection net with stainless-steel frame for catching large dirt particles
- Low-maintenance
- Cover that is strong enough to put camouflage over and even walk on
- HDPE housing for optimal sustainability



TIP

The optional 'Gatekeeper' brush panel allows dirt and leaves to pass through, but keeps fish and frogs outside the skimmer.

ART.NR.	TYPE	WEIR WIDTH	SIZE L x W x H	PUMP CAP.	FILTER
SG322	Satellite skimmer	15 cm	33 x 33 x 63 cm	4 - 14 m³/h	Basket
SG324	Pro Skimmer 23	15 cm	44 x 60 x 55 cm	7,5 - 15 m³/h	Net, brushes
SG326	Pro Skimmer 35	23 cm	63 x 75 x 60 cm	15 - 26,5 m³/h	Net, brushes

A WATERFALL IN THE POND BOTH SOOTHING AND FUNCTIONAL

WHY IS A WATERFALL OR STREAM FUNCTIONAL FOR YOUR POND?

A waterfall in your pond is not only beautiful and soothing, but also provides aeration. This is because a waterfall constantly enriches the pond water with oxygen.

IS A WATERFALL WITHOUT A POND A POSSIBILITY?

This is possible with a pondless water feature. With a pondless water feature the water goes into, say, an embedded reservoir, after which a pump pumps the water back to the waterfall.

AQUAFORTE FILTERFALLS

- Easy to camouflage with natural materials and plants
- Easy to access for maintenance
- High-quality HDPE housing
- Provides optimal flow-through
- Extra-wide spillways for beautiful waterfalls and superior aeration



ART.NR.	TYPE	WATERFALL WIDTH	SIZE L x W x H	PUMP CAP.	BOTTOM GRATE
SG303	FilterFall 35	35 cm	41 x 51 x 36 cm	5,5 – 9,5 m³/h	Yes
SG305	FilterFall 43	43 cm	48 x 57 x 36 cm	7,5 – 11 m³/h	Yes

AQUAFORTE FASTFALLS

With an AquaForte FastFall you can easily add a waterfall or stream to a new or existing water feature.



ART.NR.	TYPE	WATERFALL WIDTH	SIZE L x W x H	PUMP CAP.	CONNECTION
SG361	FastFall 35	35 cm	40 x 28 x 23 cm	7,5 m³/h	50 mm
SG363	FastFall 62	62 cm	68 x 28 x 25 cm	15 m³/h	63 mm
SG365	FastFall 92	92 cm	95 x 33 x 23 cm	22,5 m³/h	63 mm

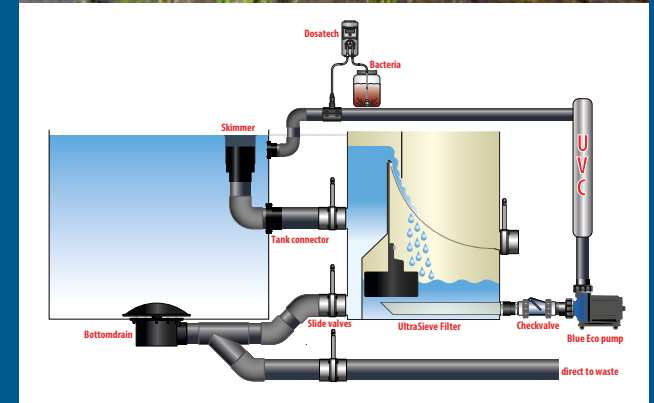
THE NATURAL BEAUTY OF A SWIMMING POND

To swim in pure water without chlorine or other chemicals; more and more people choose for the natural beauty of a swimming pond. Delightful to swim in, but also beautiful to look at. A swimming pond has the looks of a pond, but the use of a swimming pool. Swimming ponds are the latest trend. Years of valued experience in the pond business, combined with insights in the swimming pool branch, gives AquaForte a perfectly tuned product range for the filtration and maintenance of natural swimming ponds. Look for more information on www.aqua-forte.com.

TYPE I PURE NATURE

This swimming pond offers a rich natural experience, with a variety of flora and fauna. This type does not use any filtering technology, but a small waterfall, spring source or water feature may be used. It is normal for the water to be cloudy from time to time, as in nature. Energy costs are low or non-existent, and the maintenance is carried out periodically (pruning of plants, cleaning of the bottom). The walls of this type of swimming pond are not kept free of algae or biofilm. The use of bacteria is strongly recommended to reduce maintenance and improve the overall water quality.

Practically all ponds require a filter system, especially if the pond is used intensively. A pond without a filter is only possible if there are many purifying plants, few or no fish and no direct exposure to the sun. A type I swimming pond uses natural filtration provided by plants, and no technology is used. Because the water is stagnant, it is very likely the water will be green and cloudy in the warmer spring and summer months. Do you want to be sure of a pleasant swimming experience? Then choose one of the following types of swimming ponds.

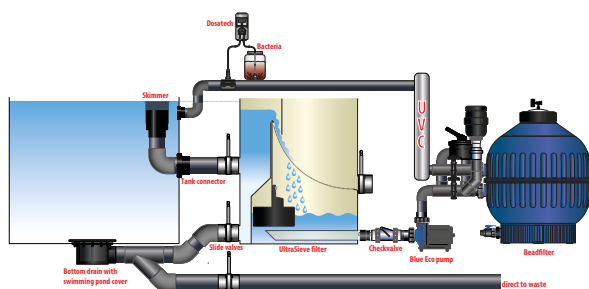


TYPE II NATURAL

Type II is almost the same as type I, but with the use of a little technology. The water is predominantly clear, with low energy consumption. Certain maintenance is done periodically (pruning of plants) and regular maintenance takes little effort (cleaning the skimmer). For technical maintenance, skimmers, sieve filters and UV-C are used. Natural swimming ponds offer an intense, natural swimming experience.



Photo: t Hoveniersbedrijf

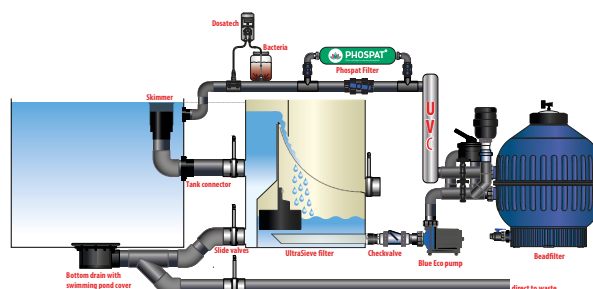


TYPE III CLEAR

This type of swimming pond offers a natural experience, good plant growth and a diversity of fauna. The carefully selected technology ensures clear water all year round. Techniques used: bottom drains, skimmers, sieve filters, bead filters and UV-C. Maintenance is carried out periodically (pruning of plants). Regular maintenance is also necessary (e.g. backwashing the filter). Clear swimming ponds offer a fine natural experience in clear swimming water.



Photo: Ollivier & Co

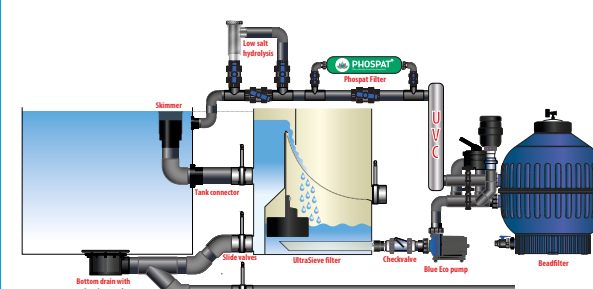


TYPE IV CRYSTAL CLEAR

Enjoy swimming in natural water with limited flora and fauna, possibly separated from the swimming area. The construction and filter technology of this type of swimming pond guarantee crystal clear swimming water all year round. Energy-efficient pumps run 24/7 throughout the season. Regular care and maintenance are necessary. Crystal clear swimming ponds offer a natural swimming experience.



Photo: Vijfertechniek Willen & Maesen



TYPE V BIPOOL

This type looks like a traditional swimming pool, yet uses the filter technology of a pond, so you may hear it referred to as the 'hybrid' type. Because various filtration techniques are used, it is called a Biopool. Ponds of this type, however, cannot have any fish. Nor do biopools include plant zones. For a swimming pond, the season can easily be extended through use of a heat pump. Regular care and maintenance are necessary. The bottom and walls can be cleaned with a pool robot.

WATER TREATMENT AND POND BACTERIA YOUR POND IN TOP CONDITION

TIP

If you use several types of pond bacteria, allow the pond to rest for a couple of days before adding a different type of bacteria to it.

To enable you to enjoy your pond to the full it is important that your pond water is in top condition. To keep your water in top condition you should regularly check your water values and add water treatment products and pond bacteria.

In this section you will be introduced to a number of reputable brands for water treatment and pond bacteria. These will help you to achieve, restore and maintain the natural balance in your pond.

WHAT ARE WATER VALUES AND WHY ARE THEY SO IMPORTANT?

All the water values combined determine the overall water quality. Since ponds in a garden are often much more densely populated than they are in the wild, we need to give nature a helping hand to achieve a healthy balance.

WHAT ARE THE MOST IMPORTANT WATER VALUES IN YOUR POND?

The following values are the most important ones for a pond:

- **pH** (acidity): This value affects the well-being of your plants and fish. The value must be between 7 and 8.5.
- **KH** (carbonate hardness): A good KH value prevents sharp fluctuations in the pH value. This value must be higher than 6.
- **GH** (general hardness): The presence of calcium and magnesium salts in the water. The recommended value for this is above 10.
- **Ammonium**: Fish secretions and the breakdown of organic materials cause ammonium to be present in the pond water. If the pH value is too high, ammonium is converted into ammonia, which is toxic and causes health problems for the pond life. This value must therefore be 0. Bacteria convert ammonium into nitrite.
- **Nitrite**: Nitrite is produced when ammonium is broken down. Nitrite is less toxic than ammonium,

but can also cause health problems in the pond. The nitrite value in the pond should therefore also be 0. Bacteria convert nitrite into nitrate.

- **Nitrate**: While nitrate is not toxic, it is regarded as an undesirable substance in the pond. It is a source of food for algae and inhibits the growth of small fish. It also increases stress levels in fish. Bacteria convert nitrate into nitrogen gas (N₂).

WHEN IS IT PARTICULARLY IMPORTANT TO PAY ATTENTION TO THE WATER VALUES IN THE POND?

- When starting up the pond
- While filling or replenishing the pond with (tap) water
- When there is a large stock of fish
- When there is a large amount of organic debris
- When the pond water is not in balance

HOW DO I MEASURE THESE WATER VALUES?

Water values can be measured using test strips, drip sets and electronic measuring equipment.

TIP

When using pond bacteria, turn the UV-C unit off for one or two days.

AQUAFORTE WATER TREATMENT PRODUCTS

BIOSTABIL

- Neutralises ammonia and harmful metals
- A stable pond climate and natural KH and pH values at once
- Improves water in 20 minutes
- Provides clear water
- Result: lively fish with strong, clear colours



TIP

Never alter your water values too drastically. Give the pond life enough time to get used to the water values.

ART.NR.	TYPE
SC807	Biostabil 2,5 kg

ANTI-ALGAE PRODUCTS

When spring arrives, sunlight and the higher water temperatures cause a greater increase in the algae population. AquaForte offers various products for effectively combatting filamentous algae.

OXYPOND

Oxypond is an active oxygen preparation that attacks the cell structure of algae so that they become smaller or disappear entirely.

- Non-chemical
- Instantly effective against filamentous algae due to active oxygen
- Contains special bacteria that break down dead algae
- Works preventatively to combat parasite infestation and gill necrosis in fish



ART.NR.	TYPE
SC800	Oxypond 1kg
SC802	Oxypond 2,5 kg
SC804	Oxypond 5 kg

ALG-STOP & ALG-STOP LIQUID

- Effective anti-algae product
- Ensures that there are no more nutrients available for algae
- Destroys the calcium skeleton of algae so that they break away and are caught by the filter
- The powder dissolves rapidly in the water, so that filamentous algae quickly absorb it



ART.NR.	TYPE
SC810	Alg-Stop 2,5 kg (powder)
SC812	Alg-Stop 5 kg (powder)
SC814	Alg-Stop 10 kg (powder)
SC811	Alg-Stop Liquid 2,5 liter
SC813	Alg-Stop Liquid 5 liter
SC815	Alg-Stop Liquid 10 liter

**AQUA
FORTE**
PROFESSIONAL POND PRODUCTS

KUSURI WATER TREATMENT

In addition to an extensive line in medications and foods, Kusuri has a wide range of water treatment products for koi ponds.

KUSURI KLAY

CALCIUM MONTMORILLONITE CLAY MINERALS

- Contains essential minerals for better health, colour and appetite of koi
- Improves water clarity
- Noticeable improvement in the lustre and colour development of the koi



ART.NR.	TYPE
SF570	1 kg
SF572	3 kg
SF571	8 kg
SF573	25 kg

KUSURI BIOBALANCE

PH, GH AND KH STABILISER

- Helps to get pH fluctuations under control
- Controls the KH value
- Keeps the oxygen level in the pond at the right level
- Increases the effect of nitrifying and denitrifying bacteria
- Helps bind soluble phosphor to prevent algae growth
- Improves the digestion of your fish



ART.NR.	TYPE
SC918	1 kg
SC919	3 kg

KUSURI ECO PURE

- Removes (filamentous) algae in a natural way
- Biological product with beneficial denitrifying bacteria strains
- Non-chemical
- 100% safe for fish
- Flocculates floating dirt particles
- Improves water clarity



ART.NR.	TYPE
SF574	1,25 kg
SF576	3 kg
SF577	11 kg

MICROBE-LIFT[®] BACTERIA PRODUCTS

MICROBE-LIFT[®]

Ecological Laboratories, the manufacturer of Microbe-Lift[®], has been a leader in bacteria products since 1976.

The **advantages** of Microbe-Lift products:

- Contain no ingredients that are harmful to people, animals or the environment
- Make ponds clean, healthy and clear
- Cut pond maintenance in half
- Provides high-quality pond water
- Less chance of infections and loss of fish

CLEAN & CLEAR

- **Total formula** for clear, healthy ponds containing fish and/or plants
- Contains more than 30 different bacteria cultures
- Contains photosynthetic bacteria that compete with floating algae
- Can break down nitrate better than anything else!



ART.NR.	TYPE
SC750	0,5 liter
SC751	1 liter
SC752	4 liter

The bacteria cultures in Clean & Clear are grown in the bottle in which it is sold. Read more about this unique process on www.aqua-forte.com.

SUPER START

- Special formula for quickly starting up biological filters such as bead filters
- Breaks down ammonia, nitrite and nitrate
- Speeds up the creation of the biofilm



ART.NR.	TYPE
SC755	0,5 liter
SC756	1 liter
SC757	4 liter

SLUDGE AWAY

- Breaks down bottom sludge quickly and naturally
- 80% faster than similar products
- Binds phosphates
- Provides clear pond water
- Disperses quickly in the water
- Biodegradable



ART.NR.	TYPE
SC760	1 liter
SC761	4 liter

FILTERGEL

- Allows up to 80% reduction in filter start-up time
- Increases the speed at which your filter becomes biologically active
- Increases the speed at which bacteria attach themselves to the filter material
- Easy to put onto various filter media without making a mess



ART.NR.	TYPE
SC770	0,5 liter
SC771	1 liter

MICROBE-LIFT MAINTENANCE KIT FOR NATURAL SWIMMING PONDS



- Improves the water quality of your swimming pond
- Keeps swimming ponds up to 100.000 liter clean and clear for a whole season
- Cuts your maintenance in half!

Kit consists of:

- 2 x 4 liter Natural Clear: targets unwanted organic waste
- 1 x 4 liter Natural Algae Control: reduces algae growth
- 1 x 4 liter Natural Sludge Reducer: breaks down bottom sludge

AUTUMN WINTER PREP

- Special formula for maintenance in the autumn and winter
- Speeds up the breakdown of leaves, sediment and other organic material
- Works in dark conditions, such as beneath ice and snow
- Helps your pond achieve a healthy balance faster in the spring



ART.NR.	TYPE
SC783	1 liter + 2 bags
SC784	4 liter + 8 bags

SPRING/SUMMER CLEANER

- Helps your pond achieve a healthy balance faster in the spring
- Speeds up the breakdown of leaves, sediment and other organic material
- For an organic balance in ponds



ART.NR.	TYPE
SC780	455 gram (8 bags)

NITE OUT II

- Quickly removes ammonia and nitrite
- Contains a very high concentration of bacteria for starting up, stimulating, stabilising and maintaining the nitrification process



ART.NR.	TYPE
SC765	0,5 liter
SC766	1 liter

THERA-P

- Suitable for all kinds of pond fish
- Probiotic effect increases fishes' resistance
- Provides a natural ecosystem in the pond
- Improves the water quality
- Improves fishes' overall health



ART.NR.	TYPE
SC778	1 liter
SC779	4 liter

MICROBE-LIFT® WATER CONDITIONERS

Microbe-Lift is America's most popular brand name for pond and surface water treatment. Pond hobbyists and professionals have been using this line of water treatment products for more than 20 years.

PH INCREASE & PH DECREASE

- Safely increases or decreases the pH level
- Protects the skin and reduces stress in fish
- Made with demineralised water



ART.NR.	TYPE
SC720	pH Increase 1 liter
SC722	pH Decrease 1 liter



FLOCCULANT PLUS

- Makes turbid water clear
- Attracts floating dirt particles and makes them sink
- Improves the filtration of the pond water
- Safe for fish and plants

ART.NR.	TYPE
SC734	1 liter



AMMONIA REMOVER

- Neutralises toxic ammonia, chloramine and chlorine
- Safe for everything that lives in the pond

ART.NR.	TYPE
SC730	1 liter



BLOOM & GROW

- Makes your water plants bloom faster and makes the blooms larger and more attractive
- Makes the roots of your water plants healthy and strong
- Specially made for all kinds of water plants

ART.NR.	TYPE
SC738	1 liter



BIO-BLACK POND COLORANT

Dark colorant, specially made to make ponds reflect more strongly (reflective ponds).

ART.NR.	TYPE
SC740	0,5 liter



PHOSPHATE REMOVER

- Safely removes phosphate from the pond water
- Harmless to fish and plants

ART.NR.	TYPE
SC726	1 liter
SC727	4 liter



BIO-BLUE POND COLORANT

Specially made to lend a lovely blue glow to fountains, water features, decorative ponds and small lakes.

ART.NR.	TYPE
SC742	0,5 liter



AQUAFORTE POND SUPPORT



AquaForte Pond Support offers a wide range of attractively priced water treatment products for koi ponds, swimming ponds and other types of pond. The entire line makes for clear water with healthy fish and pond plants.

GH+: Increases the general hardness (GH value: magnesium/calcium hardness) of your pond.

KH+: Increases the carbonate hardness of your pond.

Maërl:

- Suitable for building new ponds
- Provides healthy water in existing ponds
- Increases the hardness of the water
- Stimulates the development of micro-organisms
- Provides a biological balance

PH-: Lowers the acidity level of your pond water.

Oxypower:

- Increases the oxygen level of the pond water
- Gives fish greater resistance to harmful substances such as ammonia and nitrite
- Breaks down the sludge layer in your pond in a natural manner

Algae powder:

Quickly removes excess filamentous algae from your pond and prevents the growth of new algae.

Pond Salt:

Prevents sharp pH fluctuations, high ammonia values, nitrite poisoning, fungus and parasites. Reduces stress in your fish.

Maintenance bacteria:

Clean the water naturally.

Nitrifying bacteria:

For starting up and maintaining biological processes. These bacteria are used for cleaning the water naturally.

Anti Sludge bacteria:

Remove algae and sludge biologically and naturally.



ART.NR.	TYPE
SC840	GH+ (powder) 1 liter (± 1 kg)
SC850	GH+ (powder) 2½ liter (± 2½ kg)
SC851	GH+ (powder) 10 liter (± 10 kg)
SC842	KH+ (powder) 1 liter (± 1 kg)
SC838	KH+ (powder) 10 liter (± 10 kg)
SC847	Maërl (powder) 1 liter (± 900 gr)
SC839	Maërl (powder) 10 liter (± 9 kg)
SC845	pH- (powder) 1 liter (± 1500 gr)
SC843	Oxypower (powder) 1 liter (± 1200 gr)

ART.NR.	TYPE
SC852	Oxypower (powder) 2½ liter (± 3 kg)
SC853	Oxypower (powder) 10 liter (± 800 gr)
SC841	Pond Salt (powder) 1 liter (± 1200 gr)
SC848	Maintenance bacteria (liquid) 1 liter
SC849	Nitrifying bacteria (liquid) 1 liter
SC844	Anti Sludge bacteria (liquid) 1 liter

LACTIC ACID BACTERIA

A natural product for preventing and curing bacterial infections and parasitic fungal diseases. It improves the water quality and stimulates the koi's natural defence mechanisms.



ART.NR.	TYPE
SC860	1 liter
SC861	5 liter

BACTO DRY

Bacto Dry is a powerful, highly concentrated bacteria formula consisting of several types of useful bacteria strains. Bacto Dry improves the water quality and helps in starting up new filters.



ART.NR.	TYPE
SC875	1 kg

BACTO PEARLS

Can be used for starting up new filters and for general maintenance of the pond water. The pearl shaped, bacteria balls dissolve slowly in the water. This way they provide a gradual release of bacteria to the water.



ART.NR.	TYPE
SC863	1 liter
SC864	2,5 liter

BACTO GEL

Bacto Gel is made from living bacteria developed specially for starting up and maintaining biological filters. Bacto Gel is 100% natural, contains no chemicals and is pathogen-free.



ART.NR.	TYPE
SC856	1 liter
SC857	5 liter

BACTO LIQUID

Bacto Liquid is a mix of specially selected natural bacteria. It activates the biological breakdown of organic pollutants. Bacto Liquid makes for an ideal balance in the pond, resulting in clear water. These bacteria are ideally suited for maintaining ponds.



ART.NR.	TYPE
SC870	1 liter
SC871	5 liter

LACTIC ACID BACTERIA DRY MIX

A concentrated dry mix of lactic acid bacteria (Lactobacillales), enzyme-yeast cells & minerals. This is a 100% biological product that both will stimulate the health of fish as well as the water quality.



ART.NR.	TYPE
SC876	1 liter

WATER TREATMENT PRODUCTS

WATER CLEANSER

Beneficial bacteria and microbes naturally break down and process organic waste (excess food, plant matter, dying algae, fish faeces, etc.) in water systems. Outside influences such as chemicals, pollutants and fertilizers can disrupt the natural cycle and weaken the existing beneficial bacteria. The Water Cleanser is best described as a microbiological culture pad. It provides a protective habitat with all the required trace elements that allow the microbes to breed and multiply at their optimal rate.



ART.NR	TYPE	CAPACITY
MB565	Pond Block 200 g	3500 liter
MB566	Industrial block 1 kg	100 m ²
MB567	Industrial block 5 kg	500 m ²

AQUAFORTE PHOSPAT

Phosphate is one of the main nutrients for algae in a pond. Because of that AquaForte introduces the Phospat. With these filter cartridges it is possible to keep the phosphate level below 0,035 mg/l. This is the 'magic' limit that is too low for algae to grow but does not harm plants and bacteria.



ART.NR	TYPE	IN/OUT	MAX. FLOW	MAX. POND	MAX. PRESSURE
MB576	Phospat 1	1" male thr.	1100 l/u	50 m ³	6 bar
MB577	Phospat 3	2" female thr.	3300 l/u	150 m ³	4 bar

POND ZINGER

- Specially developed for making ponds clean and clear, removing algae safely and reducing phosphate
- The active ingredients bind excess nutrients such as phosphate and make them sink
- Made from safe, non-toxic polymers
- Easy to put into a fountain, air stone, waterfall or filter
- Slowly dissolves in the water



TIP

As soon as the pond is clear, any remaining Pond Zinger™ can be removed and kept out of sunlight for later use. The pond will stay clear for much of the season unless more phosphate gets into it.

ART.NR.	TYPE	MAX. POND
MB560	Pond Zinger	45 m ³
MB561	Pond Log	400 m ³

TIP

Sediment can be broken down further by Microbe-Lift Clean & Clear!

POND SALT AND ACTIVATED CARBON

- **Activated Carbon:** Absorbs chemicals, aromatic substances, colorants, remains of medicines, etc.
- **Pond Salt:** Prevents sharp pH fluctuations and high ammonia and nitrite values in the pond. Pond salt reduces stress in the fish and helps prevent fungus and parasites.



ART.NR.	TYPE
SC867	Activated carbon 10 liter
SC866	Pond Salt 10 liter

POND-BOTTOM VACUUM CLEANERS

IDEAL FOR REMOVING BOTTOM SLUDGE

A pond-bottom vacuum cleaner is an ideal solution for removing excess debris from the bottom of the pond. As a result, leaves cannot rot, which would produce dangerous gases.

AQUAFORTE POND VACUUM CLEANER

- 4 in 1: for pond and swimming-pool cleaning and for wet and dry cleaning
- Has 3 vacuum accessories, 4-metre suction pipe and 1.5m drainage hose
- Supplied with four 50cm suction pipes, two of them transparent
- Maximum suction height 2 metres

ART.NR.	TYPE	WATT	VOLUME
RD465	AquaForte Pond Vacuum Cleaner	1400	35 Liter



AQUAFORTE VACUUM CLEANER XL

- Professional pool/pond vacuum cleaner for maintenance without delay
- Due to the submersible pump in the bottom of the unit, the incoming water will be continuously pumped out to waste
- The incoming water is pre-filtered through a fine mesh filter bag to separate leaves, algae, small twigs, pebbles, substrate, etc.
- Due to the powerful 1400 watt suction turbine the vacuum cleaner can be used up to 2,5 meter depth
- The stable hand grip and large wheels facilitate easy transport around the pond
- The Vacuum Cleaner XL comes with telescopic pole and u universal suction nozzle

ARTNR.	TYPE
SK740	AquaForte Pond Vacuum Cleaner XL (incl. telescopic pole and suction nozzle)
SK751	Pond vacuum cleaner XL complete set incl. telescopic pole, suction nozzle, bottom cleaner and 10 m suction- & waste hose
SK753	Pond vacuum cleaner XL complete set incl. telescopic pole, suction nozzle, bottom cleaner and 10 m suction- & 5 m waste hose



FOOD & MEDICATIONS

Living conditions and food are the major factors in determining the health of pond fish. So the quality of the (koi) food and the amount dispensed per feed is very important.

When feeding your fish you should take into account the different seasons. In the warm months (koi) fish grow fastest, especially if the water temperature rises above 20 degrees. During this period you can feed them as much as you like. At low water temperatures it is advisable to have easily digestible food (Wheatgerm).

WHY KUSURI MEDICATIONS?

Kusuri fish treatment products and supplements are made in accordance with the quality laid down by the official British pharmaceutical industry. Kusuri does not hold any stocks of liquid treatment products. Everything is made fresh for shipping. This makes for maximum effectiveness and shelf life. A further advantage is that all packaging involving liquid products contains measuring beakers, child-proof screw tops and waterproof vinyl labels.

WHY KUSURI FOOD?

- Extensive range of koi food, geared to the season and the fish's needs
- Lower chance of diseases, since the food stimulates fishes' defence system
- Improves the koi's digestion, resulting in less waste in the water
- Products derive from fascination with the hobby of keeping koi
- Product development in collaboration with the University of Exeter

TIP

Never feed the koi more than the amount they can eat in 5 minutes.

TIP

Use the tripod to install the AquaForte FishFeeder higher above the water level.



An automatic feeder is a handy tool for feeding your fish during busy periods or holidays. You can also adjust the dosage exactly according to the eating habits of your fish. This stimulates their growth and health and prevents excess unwanted food in the pond, thereby putting less load on the filter.

KOI CAFÉ

- Can feed up to 24 times a day
- Dispensing time can be set from 1 to 99 seconds
- Feeding capacity: up to 2 kg
- Has sight glass so that you can see the amount of food
- The innovative design prevents the food from getting damp
- Galvanised housing



ART.NR.	TYPE
SK600	Koi Café green
SK602	Koi Café red
SK604	Koi Café metallic
SK606	Rechargeable 6 volt battery
SK608	Led battery charger

ART.NR.	TYPE
SK616	Timer 6 volt Koi Café
SK612	Solar panel green
SK614	Solar panel red
SK610	Solar panel metallic



AUTOMATIC FISH FEEDER

- Can feed from 1 to 24 times a day
- Dispensing time can be set from 0 to 600 seconds
- Feeding capacity: 7 litres
- Suitable for granule sizes between 2 and 9mm
- Very easy 3-button operation
- Easy-to-set feeding times
- External automation possible for one or more feeders

ART.NR.	TYPE
SK644	Automatic Fish Feeder



AQUAFORTE AUTOMATIC FISHFEEDER

- Can feed up to 6 times a day
- Amount of food per feed can be set
- Option of giving extra food manually
- Feeding capacity: 5 litres
- LED display shows the clock and feeding parameter
- Low-battery indicator
- Battery-operated (batteries not supplied) or with the 12V transformer supplied, with 5 metres of cable
- Lid and food holder can be removed for easy maintenance
- With mounting supports

ART.NR.	TYPE
SK648	AquaForte Automatic Fishfeeder
SK647	Tripod for AquaForte Fishfeeder



WHEATGERM

Medium: 4-6mm pellets 1,5kg (SF606) / 5kg (SF608) / 15kg (SF610)
Large: 8-10 mm pellets 15kg (SF611)

Garlic to reduce parasitic infestations - Kusuri Klay for better assimilation of up to 22% Antarctic Krill, Spirulina, Shrimp Meal to improve colour - Optimum stimulates resistance to disease
Contains probiotics - 34% Protein



SUPERSILK - 20

Medium: 4-6mm pellets 1,5kg (SF624) / 5kg (SF626) / 15kg (SF628)

Feed at temperatures above 18°C
Garlic to reduce parasitic infestations - Kusuri Klay for up to 22% better assimilation Antarctic Krill, Spirulina, Shrimp Meal and 20% Silkworm Pupae to improve the whites
Contains probiotics - 38% Protein



KOLOR

Medium: 6mm floating pellets 5kg (SF663)

With added Paprika and Spirulina for enhancing the depth and lustre to colour particularly the reds
Contains probiotics - 35% Protein



GROWTH

Medium: 4-6mm pellets
1,5kg (SF658) / 5kg (SF659) / 15kg (SF660)

Contains high quality protein to promote rapid growth and good body shape
Use at above 20°C - 45% Protein



SUPER GROWTH

1kg (SF653) / 3kg (SF654)
This paste food comes as a powder
When mixed with water forms a dough ready for feeding
High in protein - 63.4%

Fed in conjunction with good water conditions for superb growth

Great for colour - Very low waste
Use at above 20°C



PREMIUM

Also available in mini version: 1-2mm
725gr (SF598)
Contains probiotics - 37% protein



PREMIUM

Medium: 4-6mm 1.5kg (SF600)
5kg (SF602) / 15kg (SF604)
Large: 8-10mm 15kg (SF605)

Garlic to reduce parasitic infestations
Kusuri Klay for better assimilation of up to 22% Antarctic Krill, Spirulina, Shrimp Meal to improve colour
Contains probiotics - 37% Protein



STAPLE

Medium: 4-6mm 5kg (SF600)

A high quality floating pellet - All necessary ingredients for coldwater fish
Can be mixed with all other Kusuri food range for optimum varied diet
Feed sparingly below 10°C - Good all year round food - 36% Protein



SILKWORM PUPAE

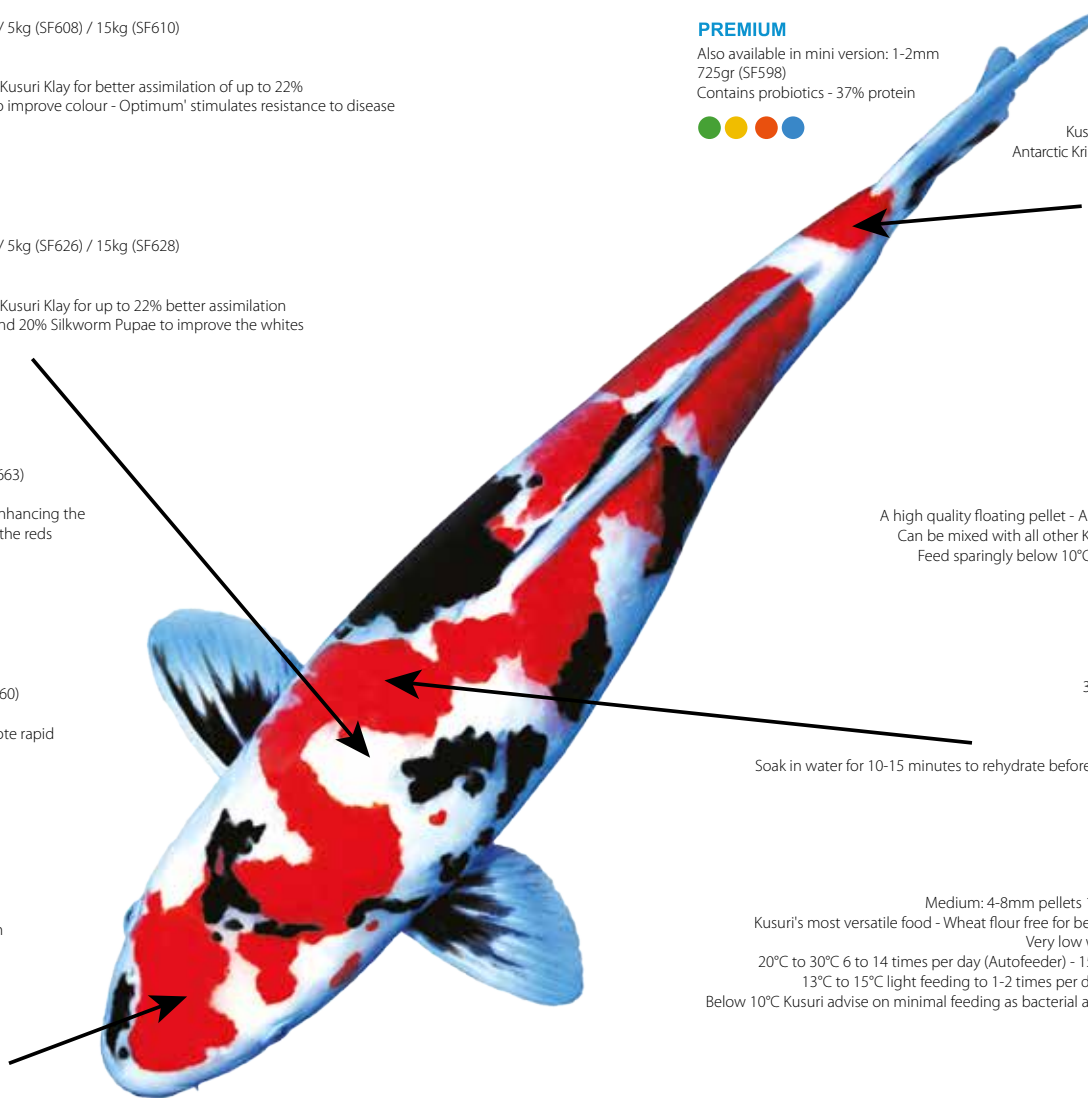
350gr (SF619) / 15kg (SF620) / 5kg (SF621)
Naturally dried 100% Silk Worm Pupae
A high silk protein food 'treat' -
Enhances colour distinction and vibrancy

Soak in water for 10-15 minutes to rehydrate before feeding - Feed above 15°C - 46% Protein
Koi go mad for it!



MULTISEASON

Medium: 4-8mm pellets 1.5kg (SF640) / 5kg (SF642) / 15kg (SF644)
Kusuri's most versatile food - Wheat flour free for better digestability at varying temperatures
Very low waste - Contains probiotics - 38% Protein
20°C to 30°C 6 to 14 times per day (Autofeeder) - 15°C to 20°C Lightly feed 2-6 times per day
13°C to 15°C light feeding to 1-2 times per day - 11°C to 13°C Once or twice per week
Below 10°C Kusuri advise on minimal feeding as bacterial activity is reduced below this temperature



FUNGUS

Grey or white cotton wool like patches. Treat with Kusuri Formalin & Malachite Premix, Malachite Green, Formalin 30% or Acriflavine 1%



COSTIA

Cloudy skin from excess mucus, clamped fins, flashing & rubbing. Scrape required to diagnose. Treat with Kusuri Potassium Permanganate. After course of treatment use Hydrogen Peroxide to reoxygenate the water



TRICHODINA

Cloudy skin from excess mucus, clamped fins, flashing & rubbing. Scrape required to diagnose. Treat with Kusuri Potassium Permanganate. After course of treatment use Hydrogen Peroxide to reoxygenate the water



CHILODENELLA

Cloudy skin from excess mucus, clamped fins, flashing & rubbing. Scrape required to diagnose. Treat with either Kusuri Formalin & Malachite Premix, Malachite Green or Formalin 30%



ULCERS OR OPEN WOUNDS

Pink or red areas can become deep open sores. Use Kusuri 8- Piece Topical Treatment Kit



WHITE SPOT OR ICH

Small white cysts on skin, fins & gills. Treat with Kusuri Formalin & Malachite Premix, Malachite Green, Formalin 30% or Chloramine - T



MOUTH FUNGUS

Grey or white cotton wool like patches around mouth. Treat with Kusuri Formalin & Malachite Premix, Malachite Green, Formalin 30% or Acriflavine 1%



GILL FLUKES

Inflamed gills, flashing, jumping, fin twitching, excess mucus on body. Treat with Kusuri Fluke-M



DROPSY - PINEAPPLE SCALES

Swollen body causing scales to raise. Treat early with Kusuri Acriflavine 1%



ODINIUM (VELVET)

A dusting of fine gold/grey spots on fins and body. Treat with Kusuri Formalin & Malachite Premix, Malachite Green or Formalin 30%



INTESTINAL WORMS

Loss of weight and listless. Treat with Kusuri Fluke-M



BODY FLUKES

Flashing, rubbing, yawning, laboured breathing. Probably the most successful treatment for body flukes in Europe. Scrape required for diagnosis. Treat with Kusuri Fluke - M



FIN HEMORRHAGING

Red streaks found on fins and/or body. Use Microbe-Lift Thera-P as a pro-biotic treatment to prevent the formation of pathogenic bacteria



FIN -ROT

Frayed or split fins. Treat with Kusuri Anti - Bac or 8 - Piece Topical Treatment Kit

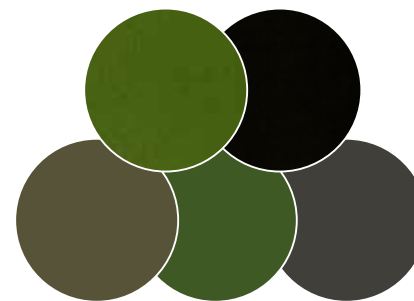


TIP

On this page you will find a selection of the range Kusuri medications. Ask your dealer for the complete range.

OPTIMAL ENJOYMENT STARTS WITH THE BASICS

It is very important for a pond to be installed correctly. In addition to having a good design and clear planning you need to select the correct (installation) materials. AquaForte offers a wide range of materials that you will need when building a pond.



ELBESECUR (SWIMMING) POND LINER

High quality pond liner, perfect for swimming ponds. UV-stabilized, rot-resistant, weldable, lead- and cadmium-free, safe for fish and plants. Width: 2 Meter.

ART.NR.	COLOUR	THICKNESS
2100299	Anthracite	1,45 mm
2100308	Green	1,45 mm
2000814	Olive green	1,45 mm
2000366	Green/Black (2-sided, reinforced)	1,5 mm



AQUAFORTE FLEX-BOARD

FLEXIBLE PLASTIC EDGE FINISHING FOR PONDS

- Ideal for installing a pond or lawn edging
- Made of 100% recycled plastic (PE & PP)
- Maintenance-free
- Long service life
- Easy to use
- Colour: grey

Advice

Place poles every 50 cm to make the pond construction as sturdy as possible.

ART.NR.	TYPE
MD743	Flex-Board 14 cm L = 15 mtr
MD741	Flex-Board 14 cm L = 25 mtr
MD746	Flex-Board 20 cm L = 25 mtr
MD742	Flex-Board 'shelf' 14 cm x 2 meter (10 mm thick)
MD750	Stake 40 cm (35 x 35 mm)
MD751	Stake 60 cm (35 x 35 mm)
MD752	Stake 80 cm (35 x 35 mm)

TIP

AQUAFORTE SUPERSTRONG:
an odourless, permanent,
elastic adhesive
and sealant in one.
Available in black, white
and transparent.



TIP

BLACK PUR FOAM:
ideal for shaping
streams and
waterfalls in ponds.



AQUAFORTE FLEXIBLE FITTINGS

IDEAL FOR APPLICATIONS IN WHICH THE USE OF ADHESIVES IS NOT POSSIBLE OR NOT RECOMMENDED

Flexible fittings are made of PVC elastomer and can be used on all pressureless or low-pressure pipes. With flexible fittings you can connect pipes together without using adhesive. The stainless-steel clamp at the end of the fitting provides a perfect seal.

Can even be used when the pipes:

- are different sizes
- are made of different materials
- are not precisely at right angles to one another or on top of one another

The following table shows the external sizes for which the flexible couplings are suitable:

MALE PIPE	MALE PIPE	MALE PRESSURE FITTING	CLAMP REACH
1¼" / 40 mm	40 mm	32	41 - 38 mm
1½" / 50 mm	50 mm	40	50 – 44 mm
2" / 63 mm	63 mm	50	63 – 57 mm
3" / 90 mm	90 mm	75	90 – 82 mm
4" / 110 mm	110 mm	90	110 – 100 mm
6"	160 mm	-	163-140 mm
8"	200 mm	-	217-191 mm



VALTERRA SLIDE VALVES

- Ideally suited for use in filter systems
- PVC slide valve with stainless-steel spindle
- 100% chemical-resistant
- Ideal for low-pressure installations
- Plastic or stainless-steel paddle

ART.NR.	SIZE	OPERATIONAL PRESSURE AT 20 °C
SB120	50 mm (plastic paddle)	Max. 3,5 bar
SB121	63 mm (plastic paddle)	Max. 2,8 bar
SB119	75 mm (plastic paddle)	Max. 1,4 bar
SB122	90 mm (plastic paddle)	Max. 1,4 bar
SB118	90 mm (Stainless Steel paddle)	Max. 1,4 bar
SB123	110 mm (Stainless Steel paddle)	Max. 1 bar
SB124	160 mm (Stainless Steel paddle)	Max. 1 bar
SB125	200 mm (Stainless Steel paddle)	Max. 1 bar
SB116	250 mm (Stainless Steel paddle)	Max. 1 bar
SB117	315 mm (Stainless Steel paddle)	Max. 1 bar



VALTERRA TRANSPARENT CHECK VALVE

WITH 3/3 COUPLING

- Available with and without spring
- Large free bore
- Transparent PVC housing, making it easy to see when cleaning is required
- Can be used both vertically and horizontally
- With couplings on both sides

ART.NR.	TYPE
AD620	50 mm swing (no spring)
AD616	50 mm spring
AD622	63 mm swing (no spring)
AD618	63 mm spring



ACCESSORIES

ENJOY YOUR POND TO THE FULL

SIBO offers a wide range of pond accessories that make it even easier to maintain your pond and look after your fish. This magazine shows you a selection from our range. To see our full range, visit www.aqua-forte.com.

AQUAFORTE QUALITY KOI VATS

Can be used as:

- Temporary accommodation for your koi
- Quarantine vat
- Show vat
- Breeding tank

AquaForte koi vats can quickly be set up and dismantled. The liner is 1mm thick.



ART.NR.	SIZE	VOLUME
SG210	Ø 100 x 60 cm	470 liter
SG212	Ø 150 x 60 cm	1050 liter
SG214	Ø 150 x 100 cm	1600 liter
SG216	Ø 200 x 60 cm	1800 liter
SG218	Ø 200 x 100 cm	2800 liter
SG220	Ø 250 x 100 cm	4375 liter
SG222	Ø 300 x 100 cm	6300 liter
SG224	Cover net Ø 100	-
SG225	Cover net Ø 150	-
SG226	Cover net Ø 200	-
SG227	Cover net Ø 250	-
SG228	Cover net Ø 300	-

AQUAFORTE FLEXIBLE KOI BOWLS

These handy folding koi bowls are easy to set up. They are supplied with a bag so that they can easily be transported. They have detachable netting.



ART.NR.	SIZE	VOLUME
SG230	Ø 90 cm x H 60 cm	± 380 liter
SG232	Ø 120 cm x H 60 cm	± 680 liter
SG234	Ø 180 cm x H 60 cm	± 1500 liter

AQUAFORTE BLUE FISH BOWL

The blue fish bowl is ideal for inspecting your fish.



ART.NR.	SIZE INSIDE	SIZE OUTSIDE	VOLUME
SB997	Ø 52/42 x H22 cm	Ø 56 x H24 cm	± 50 liter
SB998	Ø 66/59 x H31 cm	Ø 72 x H33 cm	± 100 liter

HANDLING NETS

A handling net is an indispensable accessory for pond owners. The uses to which landing nets can be put include:

- Catching your fish when you want to clean the pond or inspect the fish
- Removing debris or unwanted plant growth from your pond

FLOATING INSPECTION NETS

You can use floating inspection nets to select and inspect fish. The extra-deep versions are ideally suited for temporarily putting fish aside for koi shows or inspection.

- Mesh width 3mm
- PVC frame
- Simple assembly



ART.NR.	DIMENSIONS
SF138	80 x 40 x 30 cm (standard)
SF139	100 x 60 x 40 cm (standard)
SF130	90 x 60 x 60 cm (extra deep)
SF132	120 x 90 x 75 cm (extra deep)
SF134	150 x 120 x 100 (extra deep)

HOBBY NETS WITH ALUMINIUM HANDLE



ART.NR.	TYPE
SF280	Round net Ø 43 cm incl. aluminium handle 1,5 m
SF282	Round net Ø 51 cm incl. aluminium handle 2 m
SF284	Spoon net 40 x 50 cm incl. aluminium handle 1,5 m

TIP

Buy a koi net with a soft net to avoid damaging the koi. For further information about our professional aluminium hand nets, visit www.aqua-forte.com.

PROFESSIONAL KOI SOCKS

These koi socks are ideal for transporting and transferring koi.



ART.NR.	DIMENSIONS
SF272	Ø 25 cm, length 100 cm
SF274	Ø 30 cm, length 142 cm
SF276	Ø 41 cm, length 142 cm
SF278	Ø 25 cm, length 117 cm (waterproof)
SF279	Ø 30 cm, Length 185 cm (Waterproof)
SF279	Ø 30 cm, Length 185 cm (Waterproof)

ACCESSORIES

To finish off your pond completely, we offer a wide range of accessories to enable you to enjoy your pond and fish to the full.

AQUAFORTE POND & GARDEN LED LIGHTING

With AquaForte's LED lighting you can also enjoy your pond and garden in the dark. The lamps can be used both wet and dry. They have a light sensor, so they switch on and off automatically. The 1,6 watt version has red, yellow, green and blue color disks.



ART.NR.	TYPE
SG165	HP1-1 1 x 1,6 watt (12 volt)
SG166	HP1-3 3 x 1,6 watt (12 volt)
SG150	HP3-1 1 x 3 watt (12 volt)
SG151	HP3-3 3 x 3 watt (12 volt)
SG155	HP6-1 1 x 6 watt (12 volt)
SG156	HP6-3 3 x 6 watt (12 volt)
SG160	HP12-1 1 x 12 watt (12 volt)
SG161	HP12-3 3 x 12 watt (12 volt)

AQUAFORTE POWER LED GARDEN & POND

New generation high power LED spots, suited for wet and dry installation. Fitted with light sensor for automatic on/off.



ART.NR.	TYPE
SG152	EL 1 (1 watt)
SG153	EL 1-3 (3 x 1 watt)
SG157	EL 6 (6 watt)
SG158	EL 6 (3 x 6 watt)

AQUAFORTE DOSATECH DOSAGE PUMP

- Dispenses liquid solutions such as water treatment products and bacteria into your pond's piping system
- User-friendly 3-button operation
- Dosage up to 24 runs per day
- Dosage from 0 to 600 seconds per dosage



ART.NR.	TYPE
SL231	Dosatech dosage pump

AQUAFORTE GARDEN-SNIPER

This motion activated sprinkler will startle and scare off animals, like herons and cats, with a short squirt of water.

ART.NR.	TYPE
SB332	GardenSniper



