

BIO-POOLS & SWIMMING PONDS

Take a swim in pure water without chlorine or other chemicals.

More and more people choose the natural beauty of a swimming pond. Delightful to swim in, but also beautiful to look at. Years of valued experience in the pond business, combined with insights into the swimming pool branch, gives SIBO Fluidra with house brand AquaForte a perfectly tuned product range for the filtration and maintenance of swimming ponds.



SIBO Fluidra have put together 5 different setups to create your ideal swimming pond-

Type 1 '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.



Type 2 'Natural' - Type 2 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.



Type 3 '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.



Type 4 '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. Energyefficient pumps run 24/7 throughout the season. Regular care and maintenance are necessary. Crystal clear swimming ponds offer a natural swimming experience.



Type 5 'Biopool' - This type looks like a traditional swimming pool, yet uses the filter technology of a pond. It is called 'hybrid' or 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.



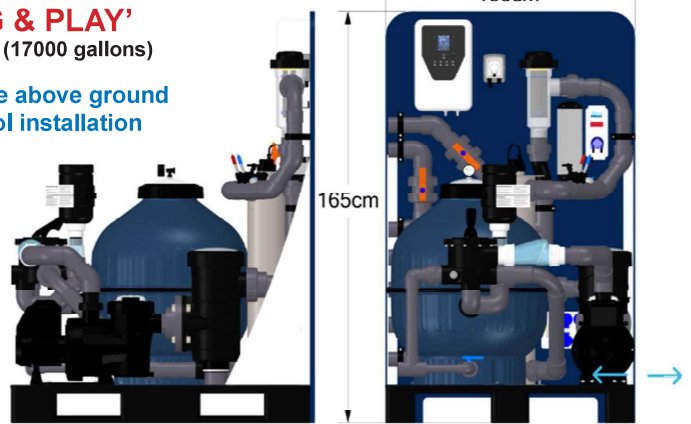
BIO-POOLS & SWIMMING PONDS

Type 5 (Biopool)



'PLUG & PLAY'
up to 80m³ (17000 gallons)

Complete above ground
biopool installation



The ideal solution for professional and compact biopool filtration! This filter system is delivered completely pre-assembled on a plastic pallet with HDPE back. Only the power supply cable needs to be connected to the junction box. This filter system is suitable for up to 80m³ biopool. Thanks to the self-priming pump, this installation can be used both above and below ground. This pallet system is also 100% suitable to convert a traditional (chlorinated) pool into a biopool!

Ecological filtration-Sustainable filtration through optimal use of water, energy and water treatment resources. Environmentally friendly and savings in running costs.

Water saving- The Beadfilter is cleaned by means of a blower, so only a limited amount of water is flushed away during backwashing.

Energy saving- Optimal water flow through a low filter resistance. This allows the same filter volume to be achieved with less energy consumption.

Less chemicals- Disinfection based on salt hydrolysis in combination with UV-C and phosphate control. Optimal water exchange ensures savings on water treatment products.

Plug and Play- This complete filter system is delivered pre-assembled on a plastic pallet with HDPE back.

Safe- AquaForte puts the welfare of swimming enthusiasts and their environment first. The realization of healthy, clear and clean swimming water is central to this filter system.

Technical characteristics:

- 3 x inlets 63mm with ball valves for the pre-filter
- 2 x returns 63mm (separately adjustable with ball valve Ø63mm)
- 1 x Bypass system for heat pump with ball valves 63mm
- 1 x extra-large pre-filter (8 liters!) with easy-to-clean filter basket
- 1 x Victoria Silent VS pump
- 1 x AquaForte UltraBead UB-60 filter
- 1 x AquaForte Buster 140 watt UV-C
- 1 x Astral Elite Connect 100LS low salt hydrolysis system with pH & Redox option, dosing pump and multifunctional flow chamber
- 1 x AquaForte Dosatech for the dosage of Phosfree phosphate remover
- 1 x junction box with 6 sockets including 16A fuse and 30mA leakage protection



AQUA FORTE

P&S type 5 Biopool Astral Victoria VS (Complete system)	FS800	11666.95	D
Astralpool Bottom drain ABS grey 210mm 2''' - liner	PW6345	79.69	D
Aquaforthe Prime Bio-Robot	PC600	1829.72	E

A new era in cleaning a swimming pond and biopool has begun!
Zodiac's best robot cleaner is now available for biopools and swimming ponds. The 4 WD robot is equipped with a special 400µ cartridge for larger organic dirt particles.

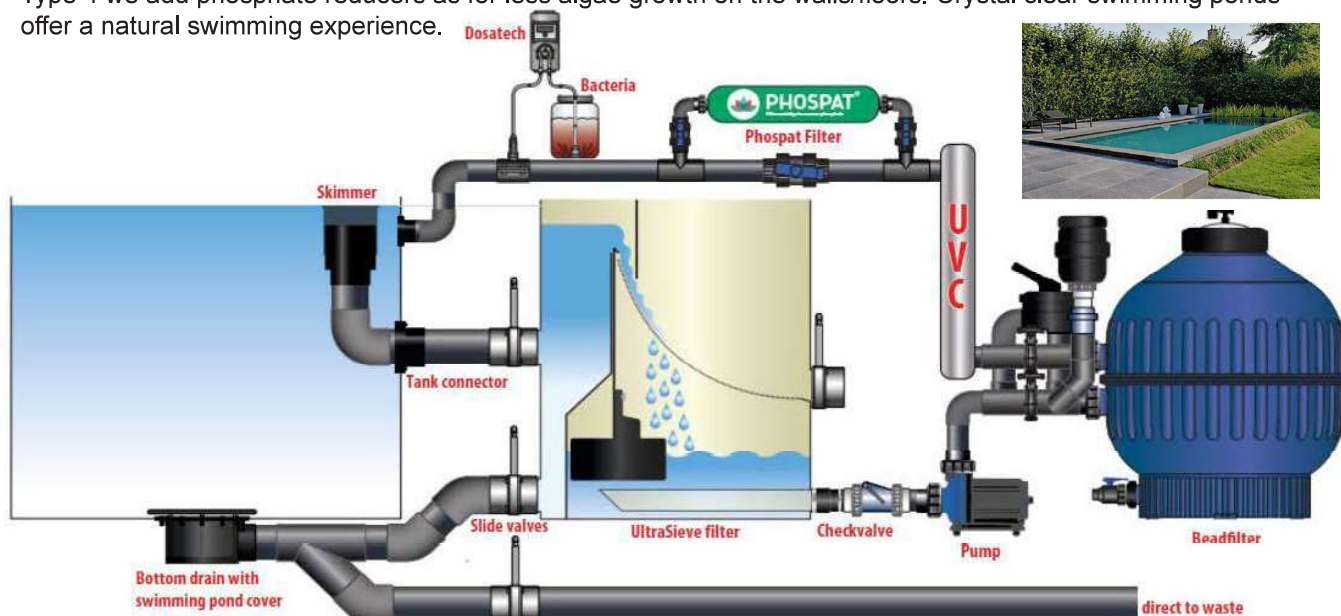


Recommended for use in swimming ponds
(more info on page 191)

BIO-POOLS & SWIMMING PONDS

Type 4 (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. In Type 4 we add phosphate reducers as for less algae growth on the walls/floors. Crystal clear swimming ponds offer a natural swimming experience.



EXAMPLE FILTER INSTALLATION SWIMMING POND TYPE 4: CRYSTAL CLEAR

Maximum size	80m ³	120m ³	200m ³
Prefilter	UltraSieve III PF057 UltraSieve Low PF0574 SkimmerSieve Low PF0574	UltraSieve III PF057 UltraSieve Low L PF0575 SkimmerSieve Low PF057	UltraSieve III PF057 UltraSieve Low XL PF0576 SkimmerSieve Low PF057
Biological Filter	UltraBead UB60 FS077	UltraBead UB100 FS078	UltraBead UB140 FS079
Pump	Prime Vario 30.000 PP3702	Victoria Plus Silent VS 2HP PP385	Victoria Plus Silent VS 2HP PP385
UV-C unit	Power Signal 75 watt UV-CUV5693	Buster 140 watt amalgam UV5692	Buster 3 x 140 watt UV5692 amalgam UV-C
Bacteria	Dosatech dosage pump MD9664 Microbe-Lift Clean & Clear MD855	Dosatech dosage pump MD9664 Microbe-Lift Clean & Clear MD855	Dosatech dosage pump MD9664 Microbe-Lift Clean & Clear MD855
Phosphate filter	Phospat 1 MD995	Phospat 3 MD996	Phospat 3 MD996

AQUA FORTE
PROFESSIONAL POND PRODUCTS

AquaForte Phospat 1 (1" male) 90gr	MD995	521.52	E
AquaForte Phospat 3 (2" female) 270gr	MD996	1091.70	E
Floating surface skimmer with basket (200mm)	SK2011	66.50	H
AquaForte Dosatech Dosage pump	MD9664	223.78	H
Microbe Lift Clean and Clear 4ltr	MD855	61.63	H
AQUAFORTE PRIME-Vario 30000 NEW	PP3702	489.66	G
Victoria Plus Silent VS pump 2HP	PP385	2305.38	G
Aquaforte Signal Power UVC 75W	UV5693	256.64	G
AquaForte Prime Buster UV-C 140 watt	UV5512	1554.83	G

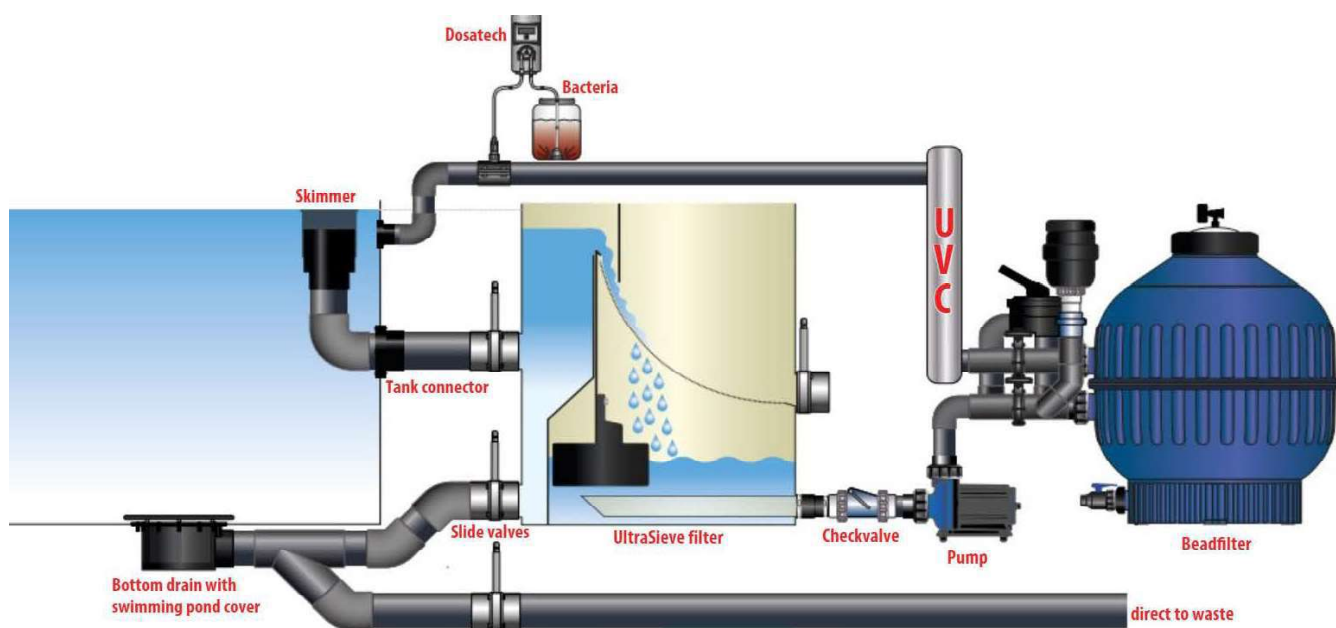
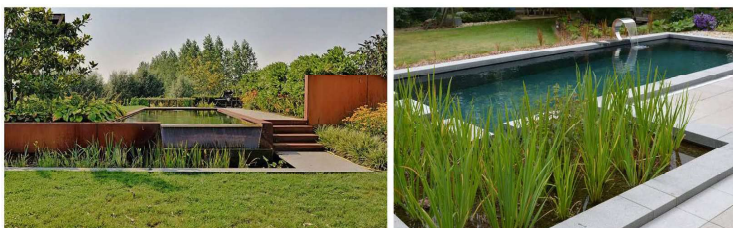
Ultra-Sieve 3 Standard	PF057	1235.93	G
Ultra-Sieve 3 (with 3 x 110mm Inlets)	PF0572	1318.56	G
Ultra-Sieve LOW	PF0574	980.19	G
Ultra-Sieve LOW Large	PF0575	1414.48	G
Ultra-Sieve LOW XL	PF0576	1837.73	G
Skimmer Seive Low	PF0577	1269.72	G
UltraBead 60 (8000 gallons) 65kg Beads (inc bypass)	FS077	1360.26	G
UltraBead 100 (12000 gallons) 100kg Beads (inc bypass)	FS078	1896.46	G
UltraBead 140 (20000 gallons) 165kg Beads (inc bypass)	FS079	2599.84	D

ALL VALVES AND PIPEWORK CAN BE FOUND AT THE BEGINING OF OUR CATALOGUE

BIO-POOLS & SWIMMING PONDS

Type 3 (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.



EXAMPLE FILTER INSTALLATION SWIMMING POND TYPE 3: CLEAR

Maximum size	80m ³	120m ³	200m ³
Prefilter	UltraSieve III PF057 UltraSieve Low PF0574 SkimmerSieve Low PF0574	UltraSieve III PF057 UltraSieve Low L PF0575 SkimmerSieve Low PF057	UltraSieve III PF057 UltraSieve Low XL PF0576 SkimmerSieve Low PF057
Biological Filter	UltraBead UB60 FS077	UltraBead UB100 FS078	UltraBead UB140 FS079
Pump	Prime Vario 30.000 PP3702	Victoria Plus Silent VS 2HP PP385	Victoria Plus Silent VS 2HP PP385
UV-C unit	Power Signal 75 watt UV-C UV5693	Buster 140 watt amalgam UV5692	Buster 3 x 140 watt UV5692 amalgam UV-C
Bacteria	Dosatech dosage pump MD9664 Microbe-Lift Clean & Clear MD855	Dosatech dosage pump MD9664 Microbe-Lift Clean & Clear MD855	Dosatech dosage pump MD9664 Microbe-Lift Clean & Clear MD855



Floating surface skimmer with basket (200mm)	SK2011	66.50	H
AquaForte Dosatech Dosage pump	MD9664	223.78	H
Microbe Lift Clean and Clear 4ltr	MD855	61.63	H
AQUAFORTE PRIME-Vario 30000 NEW	PP3702	489.66	G
Victoria Plus Silent VS pump 2HP	PP385	2305.38	G
Aquaforte Signal Power UVC 75W	UV5693	256.64	G
AquaForte Prime Buster UV-C 140 watt	UV5512	1554.83	G

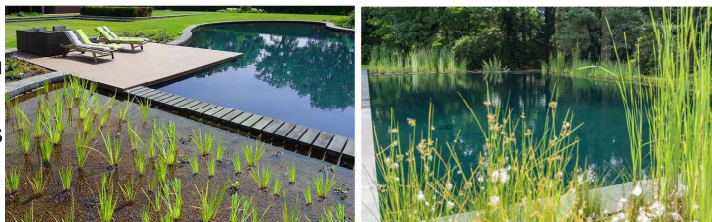
Ultra-Sieve 3 Standard	PF057	1235.93	G
Ultra-Sieve 3 (with 3 x 110mm Inlets)	PF0572	1318.56	G
Ultra-Sieve LOW	PF0574	980.19	G
Ultra-Sieve LOW Large	PF0575	1414.48	G
Ultra-Sieve LOW XL	PF0576	1837.73	G
Skimmer Seive Low	PF0577	1269.72	G
UltraBead 60 (8000 gallons) 65kg Beads (inc bypass)	FS077	1360.26	G
UltraBead 100 (12000 gallons) 100kg Beads (inc bypass)	FS078	1896.46	G
UltraBead 140 (20000 gallons) 165kg Beads (inc bypass)	FS079	2599.84	D

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BIO-POOLS & SWIMMING PONDS

Type 2 (Natural)

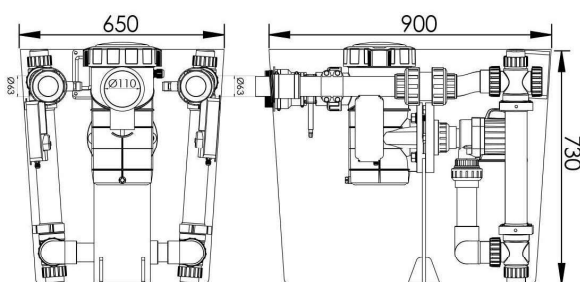
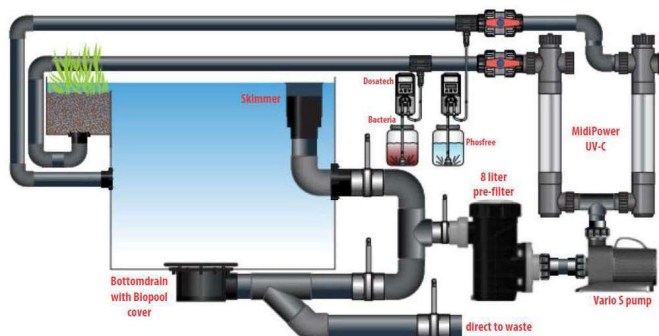
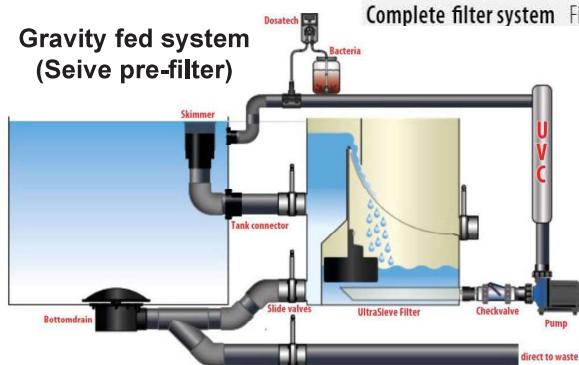
Type 2 is almost the same as type 1, but with the use of a little technology. The water is predominantly clear, with low energy consumption. Certain maintenance is done periodically (pruning of plants) and regular maintenance takes little effort (cleaning the skimmer). For technical maintenance, skimmers, sieve filters and UV-C are used. Natural swimming ponds offer an intense, natural swimming experience.



EXAMPLE FILTER INSTALLATION SWIMMING POND TYPE 2: NATURAL

Maximum size	80m ³	120m ³	200m ³
Pre-filter	UltraSieve III PF057 UltraSieve Low PF0574 SkimmerSieve Low PF0574	UltraSieve III PF057 UltraSieve Low L PF0575 SkimmerSieve Low PF057	UltraSieve III PF057 UltraSieve Low XL PF0576 SkimmerSieve Low PF057
Pump	Prime Vario 30.000 PP3702	Victoria Plus Silent VS 2HP PP385	Victoria Plus Silent VS 2HP PP385
UV-C unit	Power Signal 75 watt UV-C UV5693	Buster 140 watt amalgam UV5692	Buster 3 x 140 watt amalgam UV-C UV5692
Bacteria	Dosatech dosage pump MD9664 Microbe-Lift Clean & Clear MD855	Dosatech dosage pump MD9664 Microbe-Lift Clean & Clear MD855	Dosatech dosage pump MD9664 Microbe-Lift Clean & Clear MD855
Complete filter system	Filterput till 40m ³ or 75 m ³ FS801 / FS802		

Gravity fed system (Seive pre-filter)



AquaForte Plug and play system - Dimensions

The ideal solution for simple and compact (swimming) pond filtration! This filter pit is supplied completely pre-assembled in a very professional quality polyester container with hinged lid. Only the power supply cable needs to be connected to the junction box. Further technical features: 1 x inlet 110mm with shut-off valve for the pre-filter 2 x return 63mm (adjustable separately with ball valve Ø63mm) 1 x extra large pre-filter (8 litres!) with easy-to-clean filter basket 1 x AquaForte DM Vario 22000S or 30000S adjustable pond pump 2 x AquaForte MidiPower UVC 40 or 75 watts 2 x AquaForte Dosatech dosing pump 1 x 4 liters MicrobeLift Clean & Clear with tapping saddle on return pipe 1 x 3 liter AquaForte Phosfree (phosphate remover) with tapping saddle on return pipe 1 x junction box for 6 plugs with 16A fuse and 30mA leakage current protection This filter sump is available for ±40 or 75m³ (swimming) pond water. Note: this is not a biological filter. A biological filter will therefore be needed for ponds with fish. For swimming ponds, this filter is ideal to combine with plant and/or lava (substrate) filters. The filter can be used either "downstream" or "upstream" (after or before the planting/lava filter). The filter pit can be completely buried in the ground (inlet must be below water level). A biological filter will therefore be needed for ponds with fish. For swimming ponds, this filter is ideal to combine with plant and/or lava (substrate) filters. The filter can be used either "downstream" or "upstream" (after or before the planting/lava filter). The filter pit can be completely buried in the ground (inlet must be below water level).

AquaForte Plug & Play Filter well Type 2 40m ³	FS801	3038.93	D
AquaForte Plug & Play Filter well Type 2 75m ³	FS802	3177.07	D



AquaForte Plug & play system

(inlet must be below water level). A biological filter will therefore be needed for ponds with fish. For swimming ponds, this filter is ideal to combine with plant and/or lava (substrate) filters. The filter can be used either "downstream" or "upstream" (after or before the planting/lava filter). The filter pit can be completely buried in the ground (inlet must be below water level).

BIO-POOLS & SWIMMING PONDS

Type 1 (Pure Natural)

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 1



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 other four types of swimming ponds.

Microbelift - Natural Clear

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Microbe Lift Natural Clear 4ltr	MD870	90.79
Microbe Lift Natural Algae Control 4ltr	MD871	90.79
Microbe Lift Natural Sludge reducer 4ltr	MD872	90.79
Microbe Lift Natural Complete Kit 4 x 4ltrs	MD873	220.10



The water quality of on-site swimming features can now be enhanced by the use of modern microbial technologies that safely and effectively remove waste pollutants. Our water clarification process relies on modern biology to naturally enhance and restore water quality. Over a period of time, this safe, effective and environmentally-friendly process features bio-enzymatic functions that naturally remove organic waste pollutants trapped and contained in pond water and on pond bottoms in the form of sludge through biological oxidation breakdown.

1. MICROBE-LIFT® / Natural-Clear; targets unwanted organic waste.
2. MICROBE-LIFT® / Natural Algae Control; reduces Algae growth.
3. MICROBE-LIFT® / Natural Sludge Reducer; Natural Sludge Reducer.

The Water Cleanser



see www.theWaterCleanser.com for more info and results



BEFORE



AFTER 20 WEEKS

see www.theWaterCleanser.com for more info and results

What is the Water Cleanser? The Water Cleanser (TWC) is best described as a microbiological culture pad. If you look at TWC under a powerful microscope, it is full of millions of microscopic capillaries that progress from one end through to the other. These microscopic capillaries provide the ultimate home for all the required beneficial bacteria and microbes that maintain the health of water. TWC also provides the required trace elements for the microbes to thrive and function to their optimal levels whilst also providing the breeding trace elements for Archaea microbes and Bacillus bacteria (see "Archaea").

The Water Cleanser 200g	MD9547	21.49
The Water Cleanser Industrial Block 1kg	MD9548	88.22

BIO-POOLS & SWIMMING PONDS

Elite connect Low salt Hydrolysis

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ASTRAL ELITE CONNECT LOW SALT HYDROLYSIS & POOLCONTROL

The Astral Elite Connect LS is a low salt hydrolyse system designed and produced by Fluidra's Idegis. It can do disinfection with 1-2 grams of salt per liter.

ADVANTAGES:

- Full colour touchscreen
- salinity and temperature monitoring
- Scalable control functions with Plug-in modules for pH, ORP, free chlorine (PPM) and VSP Pump
- Embedded Poolstation capabilities (Domotica system for control with smartphone/tablet/computer)
- 4 digital inputs / 4 digital outputs (relay)
- Dual communication ports (Ethernet and Modbus)
- Embedded UV-C lamp control

**Create a swim pool/pond
without chlorine!**

Low salt electrolysis/hydrolysis has become a very popular way of disinfection in the recent years for both pool as natural swimming ponds/biopools. The big advantage with hydrolysis is that strong oxidants are made from water by splitting it in O and H atoms. These O and H atoms can then form these oxidation products: O (atomic oxygen), O₂ (oxygen), O₃ (ozone), H₂O₂ (hydrogen peroxide) and •OH (radical hydroxide). These disinfectants are as powerful or more powerful than chlorine (see table) but do not produce any harmful by-products (like chloramines for example). After reacting with an organic compound they will fall back to water. At salt levels of 1,5 - 2 g/l it also produces a small amount of chlorine that has a residual effect in pools.

For natural swimming ponds a maximum salt level of 1 g/l is recommended when chlorine is not desired.

**** (Not suitable in combination with EPDM foil)****

			M ³ <25°C	M ³ >25°C	Cl ² /H
Elite Connect 60 low salt hydrolysis & Pool control	MD500	1782.36	60	50	12 gr
Set Elite Connect 60 LS (with installation set premium / sensors + dose)	MD500S	2929.96	60	50	12 gr
Elite Connect 100 low salt hydrolysis & Pool control	MD501	2126.00	100	80	24 gr
Set Elite Connect 100 LS (with installation set premium / sensors + dose)	MD501S	3236.00	100	80	24 gr
Elite Connect 100 low salt hydrolysis & Pool control	MD502	3232.00	160	120	32 gr



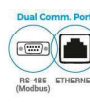
Installation set Premium

OXIDATION REDUCTION POTENTIAL		
CHEMICAL PRODUCT	SYMBOL	ORP
Radical Hydroxide	OH	2,05
Atomic oxygen	O	1,78
Ozone	O ₃	1,52
Hydrogen Peroxide	H ₂ O ₂	1,30
Hypochlorous acid	H ₂	1,10
Chlorine gas	Cl	1,00
Oxygen	O ₂	0,94
Sodium hypochlorite	NaCl ₂	0,69

ACCESSORIES

	ART. NR.
Hydrolysis cel Elite Connect 60 LS	70317
Hydrolysis cel Elite Connect 100 LS	70318
Hydrolysis cel Elite Connect 160 LS	74434
pH S-Driver module (incl. pH sensor)	/0049
ORP S-Driver module (incl. redox sensor)	70051
PPM S-Driver module (incl. free chlorine sensor and flowchamber)	70052
VSP pump driver (to control VSP pumps)	73471
Dosing pump	70054
Adjustable dosing pump 0,6-6 l/h	TA159
Installation set DeLuxe: Measuring cell IA172, pH & Rx module and calibration liquids	IA205
Installation set Premium: Measuring cell TA169, pH & Rx module and calibration liquids	TA207
Separate glass pH sensor with 2 meter cable	TA188
Separate glass Redox sensor with 2 meter cable	TA192
Separate plastic PH sensor with 2 meter cable	TA186
Separate plastic Redox sensor with 2 meter cable	TA190
Aspiration lance with level sensor	ADLASM20
Controlbox with 4 relays	72454
Relay 25A 230V AC 50Hz with relaybox	RB334
Chlorine/acid storage tank	TC112
Sump tray for 25l chlorine/acid	AC20552
25l liquid pH min	TD110
Pool salt 25 kg (bag)	RD399
Pool salt 40 x 25 kg (pallet)	RD399P

**All Spare parts,
accessories and
componenten can be
ordred seperately**



m³
50-200

pH

ORP

PPM

g/l
°C

Premium
12.000



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VIDEOS OF THE
ASTRAL ELITE
CONNECT

BIO-POOLS & SWIMMING PONDS

Sugar Valley Oxilife Low salt Hydrolysis

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THE TREATMENT WHICH ADAPTS TO YOUR NEEDS

- The combined low-salinity hydrolysis and electrolysis unit offers optimal cleaning with minimal chlorine production-
- The system's action provides perfect disinfection of the water using a minimum of salt

In water with a low conductivity (from 500 mS) OH-, ozone, hydrogen peroxide and oxygen will be automatically produced for the disinfection of water. Only 1,5gr NaCl/l is needed.

The principle of disinfection is based on the separation of H and O atoms of the molecule of water (H₂O) in order to generate active substances with a strong potential for disinfection (stronger than chlorine)

Hydrolysis: Water (H₂O) consists of two parts 2Hydrogen (H₂) and 1 part of Oxygen (O). Hydrolysis means "splitting water". When electric tension is going through the water, the chemical connection will be broken. The

negative loaded oxygen (or ions) will move to the positive electrode (anode) With the following electrochemical reaction: Electric tension + 2 H₂O = 2 H₂ + O₂

With Hydrolysis there are also other chemical reactions that take place. It will also produce specific ions that can oxidize and do additional disinfecting work. The table down below shows the different Redox potential values of the elements that are produced by hydrolysis in compare with other oxidizing elements.

The hydrolysis unit has Ø63mm connections. (Not suitable in combination with EPDM foil)

Sugar Valley Oxilife OX1	MD505	1932.64
Sugar Valley Oxilife OX1 set (with installation set deluxe)	MD505S	3232.12
Sugar Valley Oxilife OX2	MD506	2761.40
Sugar Valley Oxilife OX2 set (with installation set deluxe)	MD506S	4088.50

OPTIONS	ART. NR.
Oxilife OX2	TA115
Sugar Valley Oxilife OX2 complete with installation set Deluxe, pH & Rx glass sensors and dosing pump	TA127
Oxilife OX3	TA117
pH option with standard sensor for the measuring /control (excl. Dosing pump)	TA154
pH option with glass sensor for the measuring /control (excl. Dosing pump)	TA148
Adjustable dosing pump 0,6-6 l/h	IA159
Redox option with standard sensor for the electrolysis control (excl. Dosing pump)	TA156

OXIDATION REDUCTION POTENTIAL		
Chemisch product	Symbol	Relatieve waarde (ORP)
Fluor	F	2,25
Radicale Hydroxide	OH	2,05
Atomaire zuurstof	O	1,78
Ozon	O ₃	1,52
Waterstof Peroxide	H ₂ O ₂	1,30
Permanganaat	KMn ₂	1,22
Hypochloorzuur	H ₂ Cl	1,10
Chloor gas	Cl	1,00
Zuurstof	O ₂	0,94
Natriumhypochloriet	NaCl ₂	0,69
Broom	Br	0,57

oxilife
ELECTROLYSE MET
LAAG ZOUTGEHALTE

from 1,5g SALT/L

- PORTABLE COLOR DISPLAY (TFT)
- WORLDWIDE REMOTE CONTROL
- WIFI and MODBUS
- UPGRADE POSSIBLE
- SELF CLEAN
- SEA WATER

Create a swim pool/pond without chlorine!



Installation set Deluxe



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BIO-POOLS & SWIMMING PONDS

Plug & Play Disinfection panel - ELITE Connect & Oxilife OX

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Complete pre-mounted disinfection panels for total pool water treatment

These panels fit exactly on the Plug & Play PVC panels forming a complete water treatment system! Available with Elite Connect LS60, LS100 & Sugar Valley Oxilife OX1 and OX2 pool control systems.

Plug and play panel with Elite connect

Equipped with:

- Flow chamber with flow switch, pH/rX probes, grounding and injection valve.
- 75 watt AquaSphere Midi UV-C unit with 5V control for Elite Connect.
- Astralpool Elite Connect LS60 or LS100.
- VSP driver for controlling variable speed pumps and automatic backwash valves.
- pH dosing pump.
- junction box for 6 plugs with 16A fuse and 30mA leakage current protection.
- 18mm thick PP back panel (100 x 83cm).
- Calibration liquids for redox and pH.

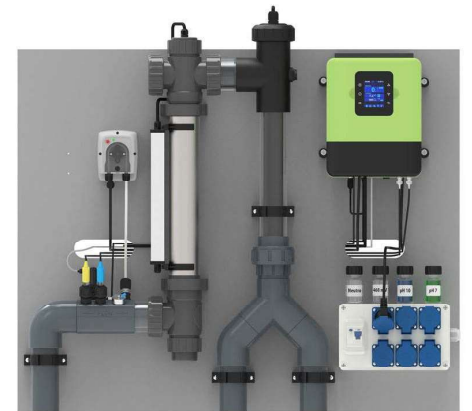
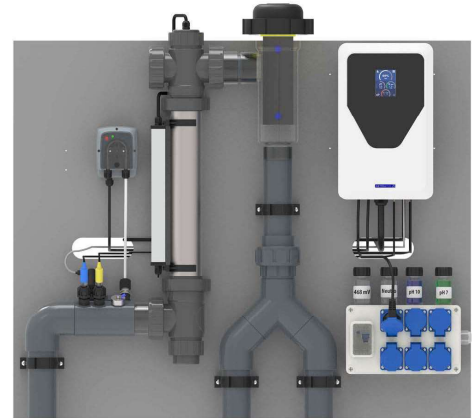
Panel C with Elite Connect LS60	MD503	4116.77
Panel C with Elite Connect LS100	MD504	4436.13

Plug and play panel with Sugar Valley Oxilife OX

Equipped with:

- Flow chamber with flow switch, pH/rX probes, grounding and injection valve.
- 75 watt AquaSphere Midi UV-C unit.
- Oxilife 1 or Oxilife 2 pool control system.
- pH dosing pump.
- Junction box for 6 plugs with 16A fuse and 30mA leakage current protection.
- 18mm thick PP back panel (100 x 83cm).
- Calibration liquids for redox and pH.

Panel C with Oxilife OX1	MD507	3849.68
Panel C with Oxilife OX2	MD508	4544.75



Bottom / Sump drains

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*Fits inside a traditional bottom drain



*Replaces the old style 'stem and dome' on Id drains



SUPA-Tuff drain lid (Solid construction)

*Ideal for converting an existing bottom drain into a drain suitable for a swimming pond.

Supa Tuff - Bottom Drain Lid (Retro fit)	PW6344	148.76
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The ideal solution for e.g. swimming ponds! Due to the strong rim there is a low risk when someone stands on top of the lid. The weight is distributed along the ring that rests on the bottom of a standard bottom drain. Very easy to insert/remove for routine maintenance. Material: PE & stainless steel. Lid: Ø35cm x 1cm, bottom ring: Ø21cm x 2 cm. Total height: 20 cm. NOTE: comes in separate parts, due to shipping size. Easy to assemble



Astralpool Bottom drain ABS grey 210mm 2" - liner	PW6345	79.69
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BOTTOM DRAIN Ø 230 MM

2" Side outlet, casing and grid in ABS Supplied with gaskets, flange and screws.

Maximum recommended flow rate: 13 m³/h.