

WATER & GARDEN
CATALOGUE 2019



OASE — PASSIONATE ABOUT WATER.



DISCOVER OASE

“We feel an obligation to nature.

Water is our passion.

Living, natural, and healthy water.

In short: LIVING WATER. This is what OASE stands for, it is our conviction.”

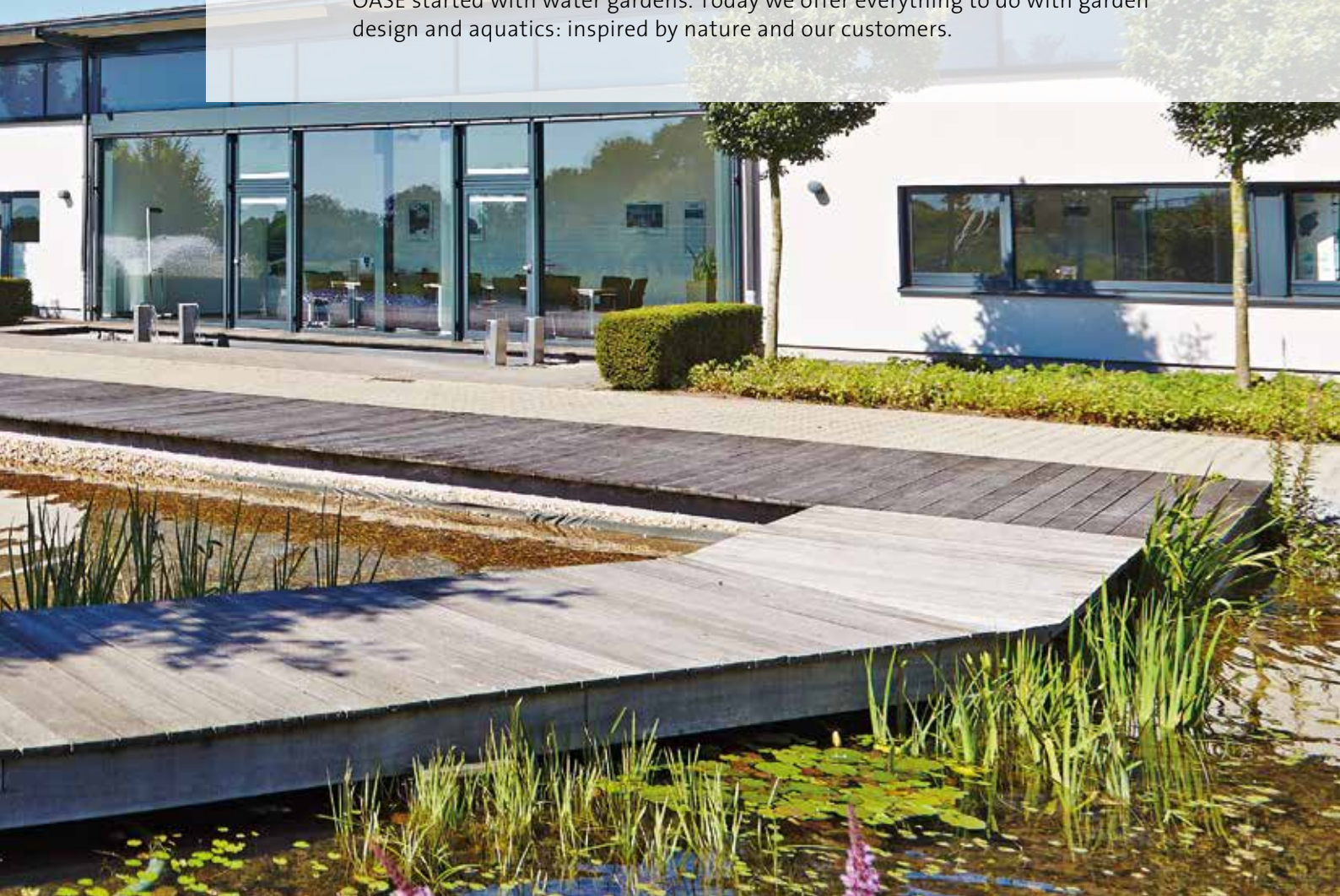
Thorsten Muck,
Chairman of the
Management Board



Discover OASE

**If you want to discover OASE, you will travel into the countryside.
More precisely into the region known as Tecklenburger Land, a water-rich
landscape with peat bogs, wetland habitats and canals.
No wonder that water is the central theme at OASE.**

Water is our element: It is the reason for our products, the objective of our research and development, the measure of our actions and the habitat that we shape. OASE started with water gardens. Today we offer everything to do with garden design and aquatics: inspired by nature and our customers.





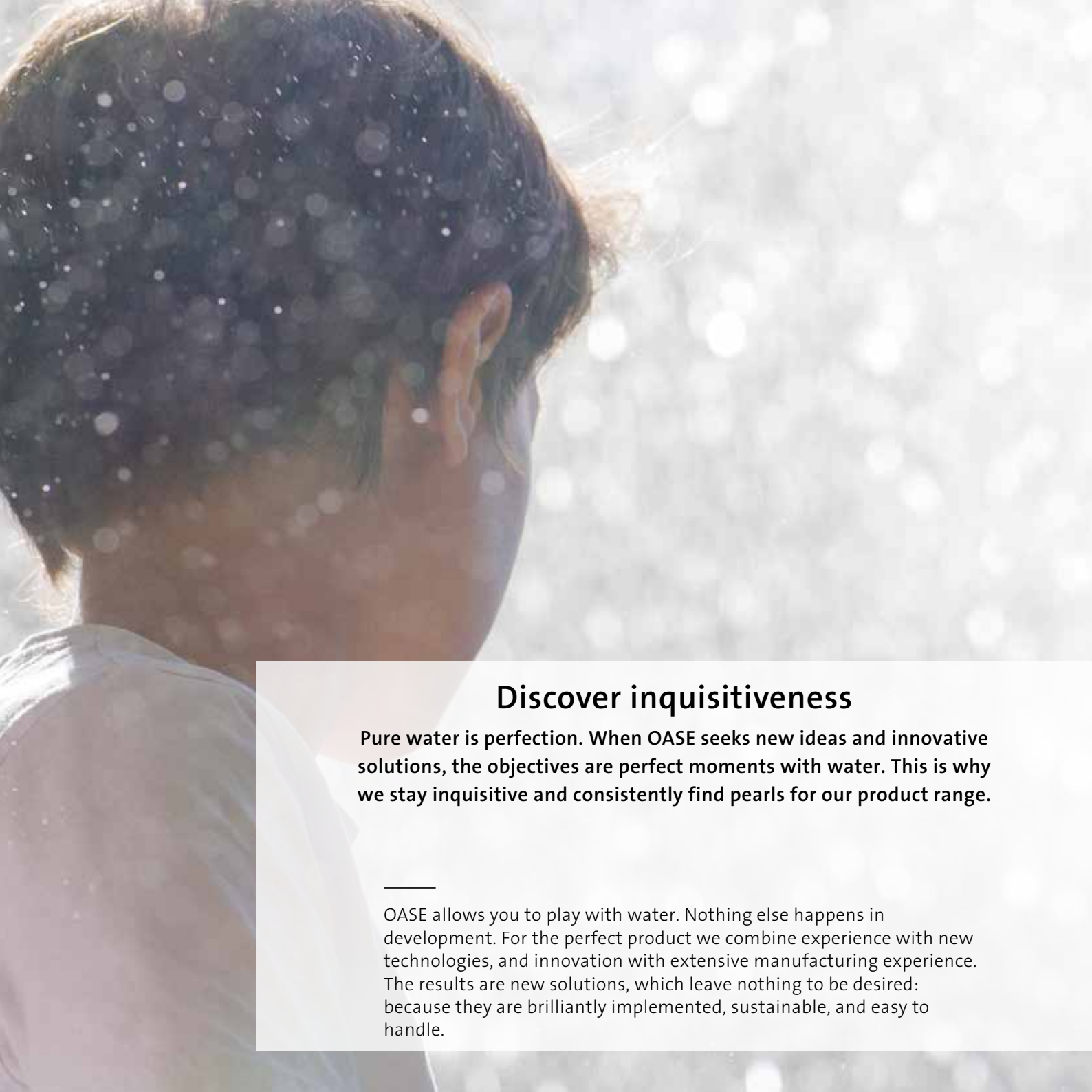


Discover conviction

Quality is produced when people give their best.
Garden enthusiasts, water designers, aquarists work at OASE.
They develop products that they like to buy for themselves.
This is our quality.

OASE products are high-quality products designed to make people happy, that provide design freedom and long-lasting satisfaction. This is why we make everything ourselves, critically measure the results, test the quality – and we do this again and again.





Discover inquisitiveness

Pure water is perfection. When OASE seeks new ideas and innovative solutions, the objectives are perfect moments with water. This is why we stay inquisitive and consistently find pearls for our product range.

OASE allows you to play with water. Nothing else happens in development. For the perfect product we combine experience with new technologies, and innovation with extensive manufacturing experience. The results are new solutions, which leave nothing to be desired: because they are brilliantly implemented, sustainable, and easy to handle.

**THE COMPLETE EXPERIENCE
FOR THE BALCONY,
TERRACE AND GARDEN**





Just lay back and unwind - completely worry free

Imagine yourself relaxing on your sunbed, eyes closed, listening to the stimulating sound of splashing water. You feel completely at ease and let go of any worries

Sounds like a dream?

It doesn't have to stay a dream. The all in one filter Filtral UVC lets you can enjoy idyllic moments in your home. Not only can you customise the water feature (optional for UK) to become the highlight on your balcony or in your garden, but it also keeps the water clean and clear.

And this is how it works:

Foliage and food remains reduce the quality of the water, which is why good, reliable pond cleaning is essential for the health of living creatures and plants.

This is where the OASE Filtral comes into the picture: the continuous circulation of water through the filter helps to remove particles of dirt, reduce harmful substances (like nitrite) by treating the water with beneficial bacteria, disinfect the water and also add oxygen.

All of this is handled by the OASE Filtral.
Just unpack, connect and enjoy!

We guarantee clear water*

The new underwater filter Filtral UVC

For refreshing moments of relaxation

Different water features enliven the atmosphere as well as senses and gives you creative freedom (optional in UK).

For coarse and fine debris

e.g. plant remains are removed by various filter sponges.

For healthy water

Naturally occurring microorganisms on the surface of the filter media decompose harmful substances like nitrite.

For a living pond

The continuous water circulation created by the pump helps to keep the biological balance in the pond. Thus the ideal environment for pond inhabitants is created.

For more vitality

The innovative oxygen nozzle oxygenates the water, from which your fish benefit (optional in UK).

For crystal clear and free sight

The integrated UVC-lamp disinfects the water and destroys disturbing algae, e.g. floating algae. This prevents any clouding of the water.



Contents


FOUNTAINS & FOUNTAIN PUMPS 4

Fountains & Fountain Pumps

- 06 Water Entertainment
- 08 Fountain pumps



FILTER PUMPS & WATERCOURSE PUMPS 12

Filter pumps & watercourse pumps

-  14 Filter pumps and watercourse pumps

FILTERS, UVC & AERATION 18

Filter

-  20 Filters in comparison
-  24 Underwater filters
- 25 Pressure filters
- 27 Flow-through filters

Modular filters


- 31 Modular filters
- 38 Selection tables for Modular filters

UVC clarifiers / aerators

- 40 UVC clarifiers
- 44 Aerators
- 46 IceFree ice preventer

POND CLEANING & SKIMMERS 48

Skimmers & pond vacuums & pool vacuums

-  50 Surface Skimmer
- 52 Pond and pool vacuums

Pond care

- 55 Useful pond helpers

POND CARE AGENTS & FISH MEDICINE 56

Pond care agents & fish medicine


- 57 AquaActiv pond care agents
- 64 AquaActiv fish medicine

ILLUMINATION & POWER 66

Spotlights


- 70 LED spotlights

Power management

-  75 Power management

POND CONSTRUCTION & LANDSCAPING 78

Pond construction

- 80 Pond planning & implementation
- 82 Creating garden ponds
- 83 Fleece & liner, pond construction accessories
- 84 Preformed ponds
- 86 Pond plant accessories
- 89 Watercourse elements
-  90 Waterfall / XL / Waterfall Kit
- 92 Decorative rock covers
- 93 Water reservoir

WORTH KNOWING 94

Additional information

- 95 Watercourse diagrams
- 96 Energy efficiency classes
- 97 OASE Guarantee
- 98 Friction losses





FOUNTAINS & FOUNTAIN PUMPS

Fountains

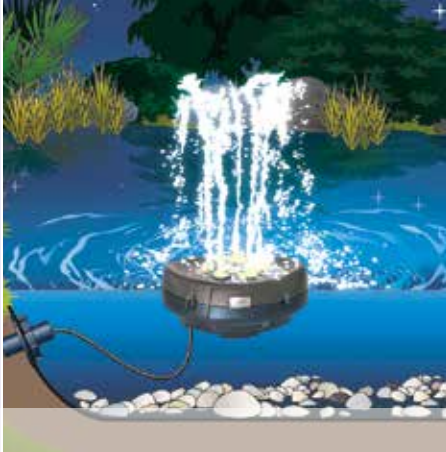
- 6 Water Starlet / Water Trio / Water Quintet
- 7 WaterJet Lightning

Fountain Pumps

- 8 Aquarius Fountain Set Classic
- 9 Aquarius Fountain Set Eco
- 10 Aquarius Universal Classic
- 11 Aquarius Universal Premium /
Aquarius Eco Expert

WATER STARLET/ TRIO/QUINTET

Illuminated fountains for modern garden design



- High quality water feature with three varying fountains, including LED lighting
- »Plug 'n' Spray« easy connection and immediate use
- Safe, energy-efficient 12V technology
- Can be used in swim ponds
- Different water patterns can be displayed on a permanently programmed loop

Water Trio/Quintet

- Variations in fountain height (30 – 140 cm) and light intensity can be displayed using the pre-set programs
- The programs can be conveniently selected via remote control from a distance of up to 80 m

START



PRO



Extras

Recommendation
*Splash water can be minimised by selecting a pool with at least a 3 m diameter.
 The OASE water reservoir WR 100 can be extended with pond liner, for example.*

Accessories

Water reservoir WR 100
The weather-resistant solution for flexible installation.
Item no. 37112 (page 93)



		Water Starlet	Water Trio	Water Quintet
Dimensions (L x W x H)	mm	330 x 270 x 135	430 x 300 x 240	
Guarantee (+ request guarantee)* ^{P.97}	Years	2	2 + 1	
Light colour		Neutral-white		
Energy efficiency class light fixture ^{*1}		A	A+	A
Weighted energy consumption kWh/ per light fixture 1000h		2	1	2
Cable length 12 V device	m	2.50 (Power unit) + 8.00		
Fountain height, max.	m	0.70	1.40	
12 V control box				
Dimensions control unit: (L x W x H)	mm	–	215 x 180 x 305	
Power consumption	W	–	40	50
Rated voltage, prim. (control system)	V	–	12	12
Power unit				
Dimensions transformer: (L x W x H)	mm	–	160 x 100 x 100	
Rated voltage (primary, secondary)		230 V / 50 Hz ; 12 V / AC	230 V / 50 Hz, 12 V / DC	
Item no. (GB-Version)		–	–	–
Item no.		50214	50240	50187

^{*1} Additional instructions concerning the energy efficiency classes are provided on 96.

WATERJET LIGHTNING

Coloured water jets – a special highlight, even for small water surfaces



- Luminous, coloured, laminar water arches for a special charm in the garden
- Variations of jet lengths, jet height, and RGB colours can be displayed using the pre-set programs
- The programs can be selected via remote control from a free distance of up to 80 m
- The water jet angle can be individually adjusted
- Easily set your favourite colour for the water arch
- High quality stainless steel base, can be bolted onto different substrates
- Maximum jet length 1.8 m, maximum jet height 0.9 m
- Can be connected to a timer
- »Plug 'n' Spray« principle enables easy installation
- Low maintenance
- Low energy consumption
- Included in the scope of delivery: 2-unit set Water Jet Lightning, pump (1500 l/h, 17 W), external control unit, transformer and cable

PRO



Extras

Recommendation

Enjoy the different colours of the luminous water jets at twilight. This is when they are most effective.

The fountain should be installed where it is protected from wind, so that the water arches maintain their perfect form. For maximum enjoyment, ensure good water quality.

		WaterJet Lightning
Dimensions (L x W x H)	mm	150 x 115 x 200
Guarantee (+ request guarantee) ^{*P.97}	Years	2 + 1
Energy efficiency class light fixture [†]		A
Weighted energy consumption per light fixture kWh/1000h		3
Cable length 12 V device	m	2.50 (Power unit) + 8.00
Parabolic height, max.	m	0.90
12 V control box		
Parabolic width, max.	m	1.80
Jet diameter	mm	8
Dimensions control unit: (L x W x H)	mm	215 x 180 x 305
Power consumption	W	41
Power unit		
Rated voltage, prim. (control system)	V	12
Hand-held transmitter / range max.	m	80.00
Dimensions transformer: (L x W x H)	mm	160 x 100 x 100
Rated voltage (primary, secondary)		230 V / 50 Hz, 12 V / DC
Item no. (GB-Version)		-
Item no.		50191

[†]Additional instructions concerning the energy efficiency classes are provided on 96.

AQUARIUS FOUNTAIN SET CLASSIC

*Fountain set for attractive
water patterns*



Fountain: Vulkan

START

- Second, separately adjustable outlet
- 3 fountain attachments for different water patterns included in the scope of delivery
- Easy mechanical adjustment of the fountain height
- Telescopic pipe extension with integrated swivel head for individual alignment of the fountain
- Base footings for stable positioning on the pond floor
- Integrated thermo protection



Vulkan		Lava		Magma		
Ø cm	H cm	Ø cm	H cm	Ø cm	H cm	
45	70	20	–	60	70	Set 750
70	75	35	–	70	80	Set 1000
100	110	45	–	110	120	Set 1500
150	160	60	–	140	160	Set 2500
160	200	65	–	170	200	Set 3500

		Aquarius Fountain Set Classic 750	Aquarius Fountain Set Classic 1000	Aquarius Fountain Set Classic 1500	Aquarius Fountain Set Classic 2500	Aquarius Fountain Set Classic 3500
Dimensions (L x W x H)	mm	180 x 205 x 140				
Rated voltage		220 - 240 V / 50 Hz				
Power consumption	W	9	11	25	40	70
Guarantee (+ extended guarantee) ^{*P.97}	Years	2 + 1				
Max. flow rate	l/h	720	1000	1500	2500	3400
Max. head height	m	1.10	1.30	1.90	2.20	2.70
Connection for hoses	mm (inch)	13 / 19 / 25 (½", ¾", 1")				
Item no. (GB-Version)		43042	57438	57439	57440	57441
Item no.		43041	57399	57400	57401	57402

AQUARIUS FOUNTAIN SET Eco

Powerful fountain pumps with energy-saving motors



Vulkan		Lava		
Ø cm	H cm	Ø cm	H cm	
155	220	90	–	Set 5500
240	275	90	–	Set 7500
275	335	90	–	Set 9500

PRO

- Powerful and energy-efficient fountain pump sets
- Telescopic pipe extension with integrated swivel head for individual alignment of the fountain
- Second, separately adjustable outlet
- Adapter with stainless steel fine filter sieve for uniform water patterns, even with a small amount of contamination.
- Including Vulkan and Lava nozzle
- With wide base for safe stance
- »Environmental Function Control« (EFC by OASE) protects against dry run and blocking



		Aquarius Fountain Set Eco 5500	Aquarius Fountain Set Eco 7500	Aquarius Fountain Set Eco 9500
Dimensions (L x W x H)	mm	290 x 230 x 180		
Rated voltage		220 - 240 V / 50 Hz		
Power consumption	W	70	85	125
Guarantee (+ extended guarantee) * P. 97	Years	3 + 2		
Max. flow rate	l/h	5500	7500	9500
Max. head height	m	3.80	4.00	5.20
Connection for hoses	mm (inch)	19 / 25 / 32 / 38 (¾", 1", 1 ¼", 1 ½")		
Item no. (GB-Version)		41924	41926	41928
Item no.		41923	41925	41927

AQUARIUS UNIVERSAL CLASSIC

For statuary fountains & decorative fountains



- Ideal for continuous operation
- Can be used in shallow water
- Quiet operation
- The entire product series offers thermal protection
- Flow rate is easily adjusted

From Aquarius Universal Classic 600

- Can be setup underwater & dry

Pump recommendation for bubbling stones	
Aquarius Universal Classic 600	Ø approx. 15 cm
Aquarius Universal Classic 1000	Ø approx. 25 cm
Aquarius Universal Classic 1500	Ø approx. 35 cm
Aquarius Universal Classic 2000	Ø approx. 45 cm

START



Extras

Recommendation
 For an attractive bubbling stone water pattern, for pump selection, calculate 0.5 - 1 l/min water per cm of stone diameter. Your OASE stockist would be pleased to advise you.

You will find the matching illumination for your bubbling stone on page 70

		Aquarius Universal Classic 440i	Aquarius Universal Classic 440	Aquarius Universal Classic 600	Aquarius Universal Classic 1000	Aquarius Universal Classic 1500	Aquarius Universal Classic 2000
Dimensions (L x W x H)	mm	50 x 55 x 55		100 x 55 x 62	125 x 80 x 75		
Rated voltage		230 V / 50 Hz					
Power consumption	W	5		7	15	18	25
Power cable length	m	1.50	10.00				
Guarantee (+ extended guarantee) * P. 97	Years	2		3 + 2			
Max. flow rate	l/h	440		600	1000	1500	2000
Max. head height	m	0.75		1.20	1.50	1.80	2.00
Connection for hoses	mm (inch)	13 (½")		13 / 19 / 25 (½", ¾", 1")			
Setup type		Underwater installation only		Can be setup underwater & dry			
Item no. (GB-Version)		Not available in GB	36746	36977	36980	36983	36978
Item no.		36673	36726	36975	36950	36951	36953

AQUARIUS UNI- VERSAL PREMIUM/ ECO EXPERT

*For waterfalls, bubbling stones
& large decorative fountains*



- Quiet operation
- Flow rate is easily adjusted
- Integrated thermo protection
- Can be set up underwater & dry
- Energy efficient thanks to low energy consumption
- Frost proof to -20°C
- High-quality workmanship using stainless steel

From Aquarius Universal Premium 4000

- Flow rate can be adjusted electronically with optional accessory InScenio FM-Master 3 (p. 77) (except Eco 4000)

From Aquarius Eco Expert 22000*

- New, network-capable, energy-efficient pump for extremely powerful and economic delivery capacity
- Patented frost protection to -20°C
- Alternating fountain heights can be individually switched with power consumption in-line with demand

PRO



Extras

Recommendation

With the OASE fountain attachments, different water patterns can be created to suit your taste. The fountain attachments can be staged in combination with the matching optional OASE illumination. Extend the service life of your fountain and ensure lasting high performance with the special AquaActiv PumpClean cleaner.

		Aquarius Universal Premium Eco 3000	Aquarius Universal Premium Eco 4000	Aquarius Universal Premium 4000	Aquarius Universal Premium 5000	Aquarius Eco Expert 22000	Aquarius Eco Expert 28000	Aquarius Eco Expert 36000	Aquarius Eco Expert 44000	
Dimensions (L x W x H)	mm	245 x 130 x 135		315 x 140 x 130		490 x 215 x 235		540 x 225 x 250		
Rated voltage		220 - 240 V / 50 Hz					220 - 240 V / 50/60 Hz		220 - 240 V / 50 - 60 Hz	
Power consumption	W	40	50	65	85	350	440	550	700	
Guarantee (+ extended guarantee) ^{*P.97}	Years	3 + 2								
Max. flow rate	l/h	3000	4000		5000	22000	27900	36000	44000	
Max. head height	m	3.20	3.40		4.50	9.60	10.00	10.20	10.50	
Connection for hoses	mm (inch)	19 / 25 / 32 / 38 (¾", 1", 1 ½")					38 / 50 (1 ½", 2")			
Electronically adjustable		No		Yes						
Item no. (GB-Version)		—			56619	—				
Item no.		57390	57392	56614	56617	42405	42404	54612	54613	

*Further information and tips on accessories on page 17.





FILTER PUMPS & WATERCOURSE PUMPS

Filter pumps & watercourse pumps

- 14 AquaMax Eco Classic
- 15 AquaMax Eco Premium
- 16 AquaMax Eco Twin
- 17 AquaMax Eco Expert

AquaMax Eco Classic

The powerful classic in a completely new design



- Uncompromisingly reliable, with a great cleaning power; it pumps pond water and coarse debris particles, up to 8 mm in size, into the filter
- The completely redesigned classic – the entry level series of filter and watercourse pumps from OASE
- Extremely economical: Thanks to its energy-efficient motor, the AquaMax Eco Classic constantly saves electricity – and therefore money – while in operation
- Suitable for use on swim ponds and bathing ponds (used in an exterior pump chamber)
- Included in the scope of delivery: Special hose adapter with threaded collar for different hose sizes
- »Environmental Function Control« (EFC by OASE) protects against dry run and blocking

START



AquaMax Eco Classic 2500E / 3500E

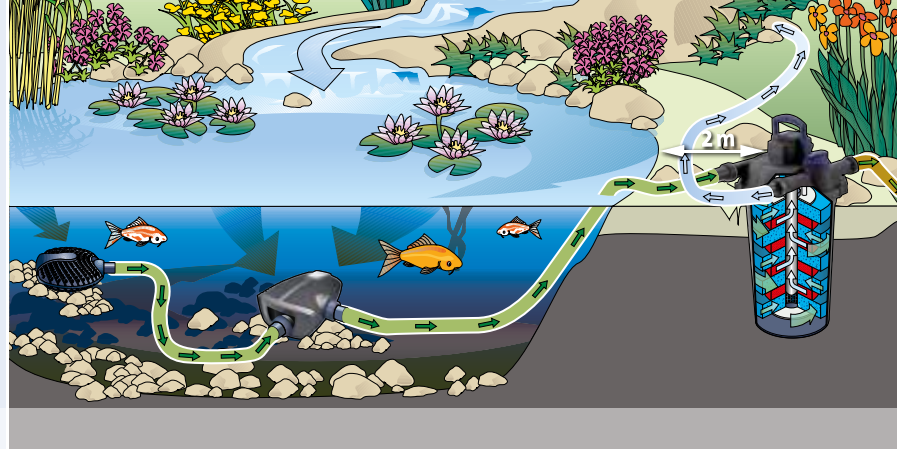
- Up to 40% more efficient than previous models

Matching filters and filter systems starting on page 18

	NEW	NEW					
	AquaMax Eco Classic 2500E	AquaMax Eco Classic 3500E	AquaMax Eco Classic 5500	AquaMax Eco Classic 8500	AquaMax Eco Classic 11500	AquaMax Eco Classic 14500	AquaMax Eco Classic 17500
Dimensions (L x W x H)	mm280 x 230 x 130						
Rated voltage	220 - 240 V / 50 Hz						
Power consumption	W23	35	60	80	100	135	170
Guarantee (+ request guarantee) ^{*) 97}	Years3 + 2						
Max. flow rate	l/h2600	3500	5300	8300	11000	13600	17400
Max. head height, metres	m2.20	2.60	2.80	3.20	3.30	3.40	3.70
Hose connection	mm (inch)25 / 32 / 38 (1", 1 ¼", 1 ½")						
Filter intake surface	cm²810						
Max. coarse debris displacement	mm8						
Setup type	Can be setup underwater & dry						
Item no. (GB-Version)	20241	20264	51098	51100	51103	51109	56710
Item no.	20225	20249	51096	51099	51102	51104	56653

AquaMax Eco Premium

Efficient water movement
in multiple pond zones



- Plant remains or fish waste up to 11 mm in size are displaced
- Outstanding energy balance: reliable displacement using even less energy
- Supplemental, patented connection of optional filter accessories for debris supply from more distant pond zones
- Unique, patented frost protection: the pump will not be damaged at temperatures down to -20° C
- Flow rate can be mechanically and electronically adjusted
- Elegant design with clever operating elements
- Quiet for dry set up on swim ponds and bathing ponds
- »Environmental Function Control« (EFC by OASE) protects against dry run and blocking

PRO



Extras

For use in swim ponds

The AquaMax Eco Premium is suitable with safe 12 V technology for implementation in swim ponds and bathing ponds!

6000/12 V Item no. 50730
12000/12 V Item no. 50382

From AquaMax Eco Premium 12000

- Patented »Seasonal Flow Control« for intelligent and environmentally-conscious regulation of flow rate and delivery head

Matching filters and filter systems starting on page 18

		AquaMax Eco Premium 4000	AquaMax Eco Premium 6000	AquaMax Eco Premium 8000	AquaMax Eco Premium 10000	AquaMax Eco Premium 12000	AquaMax Eco Premium 16000	AquaMax Eco Premium 20000
Dimensions (L x W x H)	mm	340 x 280 x 165						
Rated voltage		220 - 240 V / 50/60 Hz						
Power consumption	W	10 - 35	12 - 45	15 - 60	19 - 88	10 - 110	11 - 145	15 - 180
Guarantee (+ request guarantee) ^{*P. 97}	Years	3 + 2						
Max. flow rate	l/h	4000	6000	8000	10000	12000	15600	19500
Max. head height, metres	m	3.30	3.70	4.10	4.70	5.00	5.20	5.40
Hose connection	mm (inch)	25 / 32 / 38 (1", 1 ¼", 1 ½")			25 / 32 / 38 / 50 (1", 1 ¼", 1 ½", 2")			
Filter intake surface	cm²	1000						
Max. coarse debris displacement	mm	10					11	
Setup type		Can be setup underwater & dry						
Item no. (GB-Version)		50735	50739	50741	51085	50743	50746	56409
Item no.		50734	50736	50740	51078	50742	50745	56406

AquaMax Eco TWIN

*Particularly powerful
with flexible capacity
adaptation*



- Displace coarse debris up to 11 mm in size
- Particularly powerful filter pump with individually adjustable flow rate of the 2 motors via a remote control
- Reduced power consumption and effective adaptation of power to filter activity
- Minimal maintenance requirements thanks to large wrap around strainer
- Patented damper mechanism guarantees optimal delivery rates
- In addition to pond floor filtration, simultaneous connection of a satellite filter or skimmer is also possible
- Unique, patented frost protection: the pump will not be damaged at temperatures down to -20° C
- »Environmental Function Control« (EFC by OASE) protects against dry run and blocking
- Suitable for use on swim ponds and bathing ponds (used in an exterior pump chamber)
- MADE IN GERMANY: precise and reliable German engineering at a high level of quality

PRO



Matching filters and filter systems starting on page 18

Extras

Controller with LED display

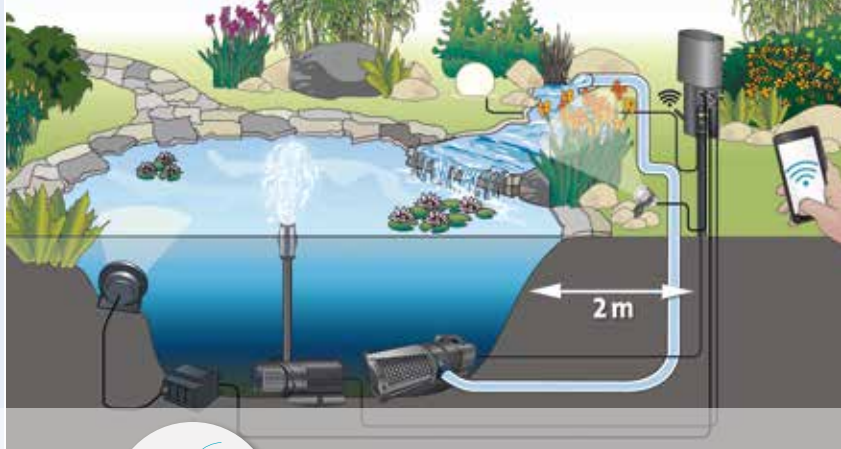
The motors can be separately switched on or off, or can be adjusted together via wireless remote control. Digital display of the respective capacity level.



		AquaMax Eco Twin 20000	AquaMax Eco Twin 30000
Dimensions (L x W x H)	mm	380 x 360 x 205	
Rated voltage		220 - 240 V / 50/60 Hz	
Power consumption	W	20 - 198	20 - 320
Guarantee (+ request guarantee) *P.97	Years	3 + 2	
Max. flow rate	l/min	333	450
Max. flow rate	l/h	20000	27000
Max. head height, metres	m	4.50	5.20
Hose connection	mm (inch)	25 / 32 / 38 / 50 (1", 1 ¼", 1 ½", 2")	
Filter intake surface	cm²	1300	
Max. coarse debris displacement	mm	11	
Setup type		Underwater installation only	
Item no. (GB-Version)		-	
Item no.		50708	50710

AquaMax ^{PLUS} Eco EXPERT

The next generation of powerhouses – energy-efficient for rigorous requirements



- New, energy-efficient pump for extremely powerful and economic delivery capacity
- Perfect for use in demanding filter systems or for large watercourses and waterfalls
- Outstanding displacement of coarse debris up to 11 mm in size
- Robust and durable stainless steel housing for stability
- Unique, patented frost protection: the pump will not be damaged at temperatures down to -20° C
- Protection against dry run and blocking through Environmental Function Control (EFC by OASE)
- The pump is unusually quiet in operation; ideal for use in a pump chamber
- Patented »Seasonal Flow Control« for intelligent and environmentally-conscious regulation of flow rate and delivery head
- An additional 30% energy savings is possible with SFC switched on

PRO



Tip!



Eco Control

With the clever EGC control device, the capacity of the connected pumps can be simultaneously accessed and regulated directly on the controller. Including illuminated display – without separate power supply!

Item no. 47673

		AquaMax Eco Expert 20000 / 12 V	AquaMax Eco Expert 21000	AquaMax Eco Expert 26000	AquaMax Eco Expert 36000	AquaMax Eco Expert 44000
Dimensions (L x W x H)	mm	490 x 240 x 210			540 x 250 x 220	
Rated voltage		-	220 - 240 V / 50/60 Hz		220 - 240 V / 50 - 60 Hz	
Power consumption	W	30 - 260	40 - 350	60 - 440	90 - 540	140 - 700
Guarantee (+ request guarantee) * P. 97	Years	3 + 2				
Max. flow rate	l/h	19300	21000	26000	36000	44000
Max. head height, metres	m	4.60	8.00	8.50	9.00	9.50
Hose connection	mm (inch)	38 / 50 (1 ½", 2")				
Filter intake surface	cm²	1060			1120	
Max. coarse debris displacement	mm	11				
Setup type		Can be setup underwater & dry				
Item no. (GB-Version)		–				
Artikelnr.		55313	39916	39917	54614	54615





FILTERS, UVC & AERATION

Filter

- 20 Filter comparison
- 24 Underwater filters
- 25 Pressure filters
- 27 Flow-through filters

Modular flow-through filters

- 31 ProfiClear Premium Compact
- 34 ProfiClear Premium

UVC clarifiers / aerators

- 40 UVC clarifiers
- 44 Pond aerators
- 46 Ice Preventer

Filter comparison

A filter system consists of:

- A filter pump to feed the filter
- A pond filter that ensures biological /mechanical cleaning
- A UVC clarifier to eliminate suspended algae and reduce pathogens (already integrated in some filters).

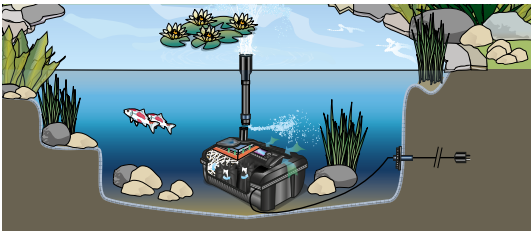
Rule of thumb for determining the correct number of litres:

Pond volume in m³ = Length x Width x Depth / 2
(for rectangular pools, only L x W x D)

Example: 3 m x 4 m x 1 m / 2 = 6 m³ equals 6000 litres

UNDERWATER FILTERS

With the OASE underwater filters you can create a beautiful feature even where space is at a minimum.



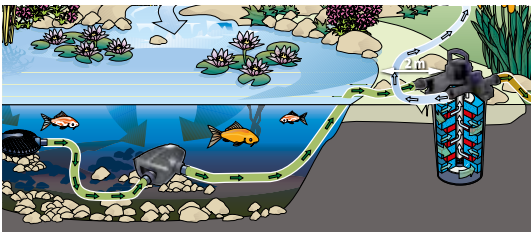
Sets	Underwater filter	UVC power	Filter pump & watercourse pump	+ Aerators (accessories)	Suitable for pond volume in m³			Item no.	Item no. (GB-Version)
Table explanations: In the marked rows you will find the complete filter sets. The other groupings are additional possible combinations for different requirements and pond sizes.									
Filtral UVC 1500*	(Filter integrated)	5 W (UVC integrated)	(pump integrated)	–	1.5	0.7	–	–	70236
Filtral UVC 3000*	(Filter integrated)	9 W (UVC integrated)	(pump integrated)	–	3.0	1.5	–	–	70237
Filtral UVC 6000*	(Filter integrated)	11 W (UVC integrated)	(pump integrated)	–	6.0	3.0	–	–	70238
Filtral UVC 9000*	(Filter integrated)	13 W (UVC integrated)	(pump integrated)	–	9.0	4.5	–	–	70239
Filtral UVC 1500	(Filter integrated)	5 W (UVC integrated)	(pump integrated)	–	1.5	0.7	–	70233	–
Filtral UVC 3000	(Filter integrated)	9 W (UVC integrated)	(pump integrated)	–	3.0	1.5	–	70234	–
Filtral UVC 6000	(Filter integrated)	11 W (UVC integrated)	(pump integrated)	–	6.0	3.0	–	70235	–
* Exclusively available in GB! Clear Water Guarantee ^{TM, 97} as specified by Secchi, to a visual depth of 1 m.									

PRESSURE FILTERS




Pressure filters are suitable for small to medium sized ponds. Water can be diverted up via water features, due to maintained pressure in the filter.



FiltoClear Set 12000 (PRO)



Sets	Pressure filter	UVC power	Filter pump & watercourse pump	+ Aerators (accessories)	Suitable for pond volume in m³			Item no.	Item no. (GB-Version)
Table explanations: In the marked rows you will find the complete filter sets. The other groupings are additional possible combinations for different requirements and pond sizes.									
BioPress									
Set 4000	BioPress 4000	7 W (UVC integrated)	FP 1500	–	4	2	–	50499	50504
Set 6000	BioPress 6000	9 W (UVC integrated)	FP 2500	–	6	3	–	50453	50454
Set 10000	BioPress 10000	11 W (UVC integrated)	FP 3500	–	10	5	–	50455	50457
The following were considered for the BioPress Sets: 5 m 1" hose and a delivery head of max. 0.5 m									

Sets	Pressure filter	UVC power	Filter pump & watercourse pump	+ Aerators (accessories)	Suitable for pond volume in m³			Item no.	Item no. (GB-Version)
Table explanations: In the marked rows you will find the complete filter sets. The other groupings are additional possible combinations for different requirements and pond sizes.					  				
FiltoClear									
	FiltoClear 3000	9 W (UVC integrated)	AquaMax Eco Classic 2500 E	–	1.5	0.75	–		
				+ OxyTex Set 500	1.7	1	–		
Set 3000	FiltoClear 3000	9 W (UVC integrated)	AquaMax Eco Premium 4000	–	3	1.5	–	50864	50869
				+ OxyTex Set 500	3.5	1.8	–		
	FiltoClear 6000	11 W (UVC integrated)	AquaMax Eco Premium 4000	–	4	2	–		
				+ OxyTex Set 500	4.5	2.5	–		
Set 6000	FiltoClear 6000	11 W (UVC integrated)	AquaMax Eco Premium 6000	–	6	3	–	50867	50871
				+ OxyTex Set 500	7	3.5	–		
	FiltoClear 12000	18 W (UVC integrated)	AquaMax Eco Premium 4000	–	6	3	–		
				+ OxyTex Set 1000	7	3.5	–		
	FiltoClear 12000	18 W (UVC integrated)	AquaMax Eco Premium 6000	–	8	4	–		
				+ OxyTex Set 1000	10	5	–		
Set 12000	FiltoClear 12000	18 W (UVC integrated)	AquaMax Eco Premium 8000	–	12	6	–	51250	51252
				+ OxyTex Set 1000	14	7	–		
	FiltoClear 16000	24 W (UVC integrated)	AquaMax Eco Premium 6000	–	9	5	–		
				+ OxyTex Set 1000	10	5	–		
	FiltoClear 16000	24 W (UVC integrated)	AquaMax Eco Premium 8000	–	12	6	–		
				+ OxyTex Set 1000	15	8	–		
Set 16000	FiltoClear 16000	24 W (UVC integrated)	AquaMax Eco Premium 10000	–	16	8	–	51253	51254
				+ OxyTex Set 1000	19	9.5	5		
	FiltoClear 20000	36 W (UVC integrated)	AquaMax Eco Premium 10000	–	18	9	–		
				+ OxyTex Set 2000	22	11	5.5		
Set 20000	FiltoClear 20000	36 W (UVC integrated)	AquaMax Eco Premium 12000	–	20	10	5	50877	50881
				+ OxyTex Set 2000	25	12.5	6		
	FiltoClear 30000	55 W (UVC integrated)	AquaMax Eco Premium 12000	–	26	13	6.5		
				+ OxyTex Set 2000	32	16	8		
Set 30000	FiltoClear 30000	55 W (UVC integrated)	AquaMax Eco Premium 16000	–	30	15	7.5	50885	50888
				+ OxyTex Set 2000	36	18	9		
For the pond size specifications cited above (FiltoClear / sets) 1 m delivery head and 5 m 1½" hose were taken into consideration. Larger pumps should be used for longer hose lengths and / or greater delivery heads. Clear Water Guarantee ^{79,97} in accordance with a light penetration depth of 1 m, using a Secchi disk. Please note that in case of extreme temperature fluctuations, friction losses for hose lines longer than 5 m, or direct sunlight due to the position of the pond (south facing), more intensive planning is required. All references regarding our Filter / UVC combinations for special pond sizes are based on Mid-European climatic conditions. For other regions they could differ due to the water temperature and sun intensity.									

Important note:

When planning a new pond with koi stock, please ensure a minimum pond size of 5 m³!



Ponds with plants, without fish stock



Ponds with plants and fish stock to 1 kg / 1000 l



Ponds with plants and fish stock to 1–2 kg / 1000 l

Filter comparison




FLOW-THROUGH FILTER SYSTEMS

Flow through filters are used for medium-sized to large ponds or koi ponds. They stand above the water surface at the edge of the pond or above a watercourse. The water flows back into the pond via gravity.



BioTec ScreenMatic³ Sets (PRO)



Sets	Flow-through filters	UVC clarifier UVC power	Filter pump & watercourse pump	+ Aerators (accessories)	Suitable for pond volume in m³			Item no.	Item no. (GB-Version)
Table explanations: In the marked rows you will find the complete filter sets. The other groupings are additional possible combinations for different requirements and pond sizes.					  				
BioSmart									
Set 5000	BioSmart 5000	7 W (UVC integrated)	FP 1500	–	5	2.5	–	50525	–
Set 7000	BioSmart 7000	9 W (UVC integrated)	FP 2500	–	7	3.5	–	50449	50450
Set 14000	BioSmart 14000	11 W (UVC integrated)	FP 3500	–	14	7	–	50451	50452
	BioSmart UVC 16000	11 W (UVC integrated)	AquaMax Eco Classic 2500 E	–	8	4	–		
	BioSmart UVC 16000	11 W (UVC integrated)	AquaMax Eco Classic 3500 E	–	14	7	–		
Set 18000	BioSmart 18000	Vitronic 18 W	AquaMax Eco Classic 5500	–	18	9	–	56777	56778
Set 24000	BioSmart 36000	Vitronic 24 W	AquaMax Eco Classic 5500	–	24	12	6	56781	56785
Set 36000	BioSmart 36000	Vitronic 36 W	AquaMax Eco Classic 11500	–	36	18	9	56789	56793
	BioSmart 36000	Vitronic 36 W	AquaMax Eco Classic 8500	–	30	15	7.5		
The following were considered for the BioSmart Sets 5000 / 7000 / 14000 / 16000: 3 m ¾ hose and a delivery head of max. 0.5 m were taken into consideration for the BioSmart Sets 24000 / 36000: 5 m 1" hose and a delivery head of max. 0.5 m									
FiltoMatic									
CWS Set 7000	FiltoMatic CWS 7000	11 W (UVC integrated)	AquaMax Eco Premium 4000	–	7	3.5	–	50865	50868
				+ OxyTex Set 500	8.5	4.5	–		
CWS Set 14000	FiltoMatic CWS 14000	24 W (UVC integrated)	AquaMax Eco Premium 6000	–	14	7	–	50866	50870
				+ OxyTex Set 1000	17	8.5	–		
CWS Set 25000	FiltoMatic CWS 25000	24 W (UVC integrated)	AquaMax Eco Premium 8000	–	25	12.5	7	50872	50873
				+ OxyTex Set 2000	31	15.5	8.5		
Delivery heads ranging from 0 to 1.2 m and hose length of 5 m with a hose diameter of 1½" were taken into consideration for the pond size information cited above (FiltoMatic CWS). Larger pumps should be used for longer hose lengths and /or greater delivery heads. Clear Water Guarantee® 97 as specified by Secchi, to a visual depth of 1 m.									

Important note:

When planning a new pond with koi stock, please ensure a minimum pond size of 5 m³!






Ponds with plants,
without fish stock



Ponds with plants and
fish stock to 1 kg/1000 l



Ponds with plants and
fish stock to 1–2 kg/1000 l

Sets	Flow-through filters	UVC clarifier UVC power	Filter pump & watercourse pump	+ Aerators (accessories)	Suitable for pond volume in m³			Item no.	Item no. (GB-Version)
Table explanations: In the marked rows you will find the complete filter sets. The other groupings are additional possible combinations for different requirements and pond sizes.					  				
BioTec									
	BioTec ScreenMatic² 40000	Bitron C 36 W	AquaMax Eco Premium 8000	–	28	14	7		
	BioTec ScreenMatic² 40000	Bitron C 36 W	AquaMax Eco Premium 10000	–	30	15	8		
BioTec Screen-Matic² Set 40000	BioTec ScreenMatic² 40000	Bitron C 36 W	AquaMax Eco Premium 12000	–	40	20	10	57697	57697
	BioTec ScreenMatic² 60000	Bitron C 55 W	AquaMax Eco Premium 10000	–	38	19	9		
	BioTec ScreenMatic² 60000	Bitron C 55 W	AquaMax Eco Premium 12000/12V	–	48	24	12		
BioTec Screen-Matic² Set 60000	BioTec ScreenMatic² 60000	Bitron C 55 W	AquaMax Eco Premium 16000	–	60	30	15	57698	57701
	BioTec ScreenMatic² 90000	Bitron C 72 W	AquaMax Eco Premium 12000/12V	–	65	32	16		
	BioTec ScreenMatic² 90000	Bitron C 72 W	AquaMax Eco Premium 16000	–	72	36	18		
	BioTec ScreenMatic² 90000	Bitron Eco 120 W	AquaMax Eco Premium 20000	–	90	45	27		
BioTec Screen-Matic² Set 90000	BioTec ScreenMatic² 90000	Bitron C 110 W	AquaMax Eco Premium 20000	–	72	36	18	46179	46180
	BioTec Premium 80000	Bitron C 72 W	AquaMax Eco Premium 16000	–	90	45	22,5		
	BioTec Premium 80000	Bitron C 110 W	AquaMax Eco Premium/Twin 20000	–	65	32	16		
	BioTec Premium 80000	Bitron Eco 120 W	AquaMax Eco Premium/Twin 20000	–	80	40	20		
	BioTec 30	Bitron C 110 W	AquaMax Eco Premium 16000	–	90	45	22		
	BioTec 30	Bitron C 110 W	AquaMax Eco Premium/Twin 20000	–	100	50	25		
	BioTec 30	Bitron Eco 120 W	AquaMax Eco Twin 30000	–	120	60	30		
	BioTec ScreenMatic² 140000	Bitron C 110 W	AquaMax Eco Premium 16000	–	110	55	25		
	BioTec ScreenMatic² 140000	Bitron Eco 120 W	AquaMax Eco Premium/Twin 20000	–	120	60	30		
	BioTec ScreenMatic² 140000	Bitron Eco 180 W	AquaMax Eco Twin 30000	–	140	70	35		
For the pond size specifications cited above (BioTec) 1 m delivery head and 5 m 1½" hose were taken into consideration. Larger pumps should be used for longer hose lengths and /or greater delivery heads. Clear Water Guarantee [®] in accordance with a light penetration depth of 1 m, using a Secchi disk. Please note that in case of extreme temperature fluctuations, friction losses for hose lines longer than 5 m, or direct sunlight due to the position of the pond (south facing), more intensive planning is required. All references regarding our Filter /UVC combinations for special pond sizes are based on Mid-European climatic conditions. For other regions they could differ due to the water temperature and sun intensity.									

All details for ProfiClear Module filters starting on page 31.



Tip!

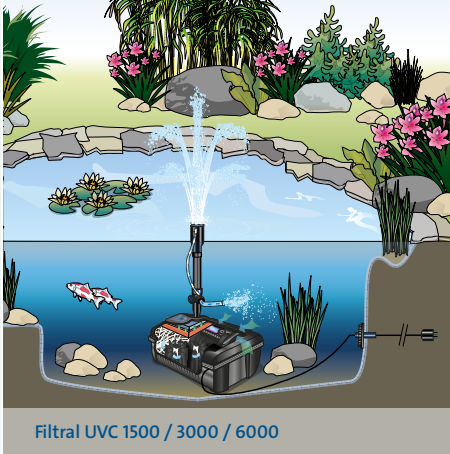
Filter systems with Clear Water Guarantee
For every body of water – from a garden pond with or without fish, to ecological biotope or water pool in a modern design – at OASE there is a filter. With Clear Water Guarantee! More information is provided on page 97 or at: www.oase-livingwater.com



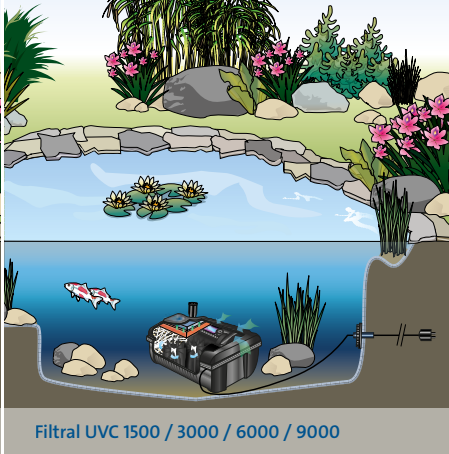
FILTRAL UVC



Underwater filter with
UVC for small ponds



Filtral UVC 1500 / 3000 / 6000



Filtral UVC 1500 / 3000 / 6000 / 9000

- Suitable for ponds and pre-formed pools up to 9 m³
- Including OASE Clear Water Guarantee[®] P.97
- Compact filter unit with UVC technology and 4 different filter materials
- Supplied with 90° bend and stepped hose adapter for feeding a small watercourse or water feature
- Set up completely under water – the appearance of the pond remains undisturbed
- Visual function check of the UVC clarifier
- Can be operated with the additional Filtral Nozzle Set (50089) to create a fountain effect

START

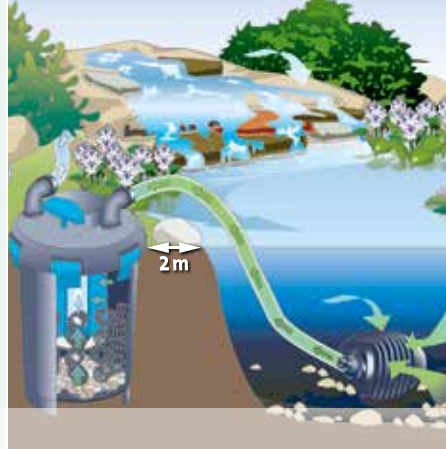


		NEW	NEW	NEW	NEW	NEW	NEW	NEW
		Filtral UVC 1500	Filtral UVC 3000	Filtral UVC 6000	Filtral UVC 1500 GB	Filtral UVC 3000 GB	Filtral UVC 6000 GB	Filtral UVC 9000 GB
Dimensions (L x W x H)	mm	207 x 228 x 130	269 x 245 x 140	347 x 276 x 157	207 x 228 x 130	269 x 245 x 140	347 x 276 x 157	
Power consumption	W	18	36	52	18	36	52	58
Power cable length	m	10.00						
Guarantee ^{*P. 97}	Years	2						
UVC power	W	5	9	11	5	9	11	13
Pump capacity, max.	l/h	750	1500	2500	750	1500	2500	
Max. flow rate	l/h	560	1200	1700	560	1200	1700	
Max. head height, metres	m	0.90	1.80	2.10	0.90	1.80	2.10	
Pressure-side connection	mm (inch)	13 (½")	13 / 19 / 25 (½", ¾", 1")		13 (½")	13 / 19 / 25 (½", ¾", 1")		
Suitable for ponds up to max.	m³	1.5	3.0	6.0	1.5	3.0	6.0	9.0
Suitable for ponds with fish stock	m³	0.7	1.5	3.0	0.7	1.5	3.0	4.5
Item no. (GB-Version)		Not available in GB			Exclusively available in GB			
Item no.		70233	70234	70235	70236	70237	70238	70239

BIOPRESS SETS * P.97

Solid pressure filter set with UVC and filter pump

- Suitable for ponds up to 10 m³
- Combination of mechanical biological cleaning and effective UVC technology
- Including OASE Clear Water Guarantee^{*P.97}
- Ideal for supplying higher elevated water-courses
- A patented cleaning function integrated in the cover facilitates cleaning of the filter
- Quick release provides easy filter opening and closing for maintenance purposes
- It can be buried for almost invisible integration in the garden
- Supplied with all hose connections for fast and trouble free installation



START



Extras

Recommendation

The UVC bulbs should be changed at regular intervals, ideally in spring before the season starts, to guarantee the full strength of the UVC light!

		BioPress Set 4000	BioPress Set 6000	BioPress Set 10000
Dimensions (Ø x H)	mm	225 x 335	350 x 450	350 x 570
Power consumption UVC	W	11	12	14
Power consumption pump	W	25	40	70
Power cable length UVC	m	3.00		
Power cable length pump	m	10.00		
Guarantee ^{*P.97}	Years	2		
UVC power	W	7	9	11
Connection inlet	mm (inch)	19 / 25 / 32 / 38 (¾", 1", 1 ¼", 1 ½")		
Connections, outlet	mm (inch)	19 / 25 / 32 / 38 (¾", 1", 1 ¼", 1 ½")		
Max. operating pressure	bar	0.2		
Suitable for ponds up to max.	m ³	4.0	6.0	10.0
Suitable for ponds with fish stock	m ³	2.0	3.0	5.0
Suitable for ponds with koi ^{*1}	m ³	1.0	1.5	2.5
Item no. (GB-Version)		50504	50454	50457
Item no.		50499	50453	50455

^{*1} Note: When planning a new pond with koi stock, please ensure a minimum pond size of 5 m³!

FILTOCLEAR P. 97

Pressure filter with UVC and patented cleaning function



- Combination of mechanical and biological cleaning and effective UVC technology
- Including OASE Clear Water Guarantee^{†P. 97}
- Ideal for supplying higher elevated watercourses and architectural pools
- Patented Easy-Clean technology for easy cleaning without opening the filter
- Cleaning and backflush function can be easily operated on the lid
- Possibility of monitoring the UVC clarifier, filter contamination and water flow-through
- Compact filter size with high filtration capacity – perfect for architectural pools and where there is little space in the garden

- High quality, impact resistant material
- Integrated in the natural environment, thanks to the possibility of in ground installation and the sandstone look of the cover

PRO



Save with complete filter sets!

Matching filters and watercourse pumps starting on page 12

		FiltoClear 3000	FiltoClear 6000	FiltoClear 12000	FiltoClear 16000	FiltoClear 20000	FiltoClear 30000
Dimensions (Ø x H)	mm	380 x 310	380 x 430	380 x 510	380 x 630	380 x 750	
Power consumption	W	14	15	18	24	36	55
Power cable length	m	5.00					
Guarantee (+ request guarantee) ^{*P. 97}	Years	2 + 1					
UVC power	W	9	11	18	24	36	55
Connection inlet	mm (inch)	19 / 25 / 32 / 38 (¾", 1", 1 ¼", 1 ½")			38 / 50 (1 ½", 2")		
Connections, outlet	mm (inch)	19 / 25 / 32 / 38 (¾", 1", 1 ¼", 1 ½")			38 / 50 (1 ½", 2")		
Connections, sludge discharge	mm (inch)	19 / 25 / 32 / 38 (¾", 1", 1 ¼", 1 ½")			38 / 50 (1 ½", 2")		
Max. flow rate	l/h	4000	6000	8000	10000	12000	
Max. operating pressure	bar	0.2					
Suitable for ponds up to max.	m³	3.0	6.0	12.0	16.0	20.0	30.0
Suitable for ponds with fish stock	m³	1.5	3.0	6.0	8.0	10.0	15.0
Suitable for ponds with koi ^{†1}	m³	-	1.5	3.0	4.0	5.0	7.5
Item no. (GB-Version)		-	56052	51245	51248	50580	50581
Item no.		55997	55998	51244	51247	50576	50577

^{†1} Note: When planning a new pond with koi stock, please ensure a minimum pond size of 5 m³!

BIOSMART SETS



Solid flow through filter sets with UVC and filter pump



- Suitable for ponds up to 36 m³
- Incl. OASE Clear Water Guarantee^{*P.97}
- Combination of mechanical biological cleaning and effective UVC technology
- Oxygen enrichment through special water channelling
- Cleaning handles for convenient maintenance
- Including displays for pollutant level and water temperature
- Sludge drain for easy removal of coarse debris
- Easy to conceal; the filter can be recessed into the ground to 1/3 of its height
- Filters and pumps are optimally matched
- Incl. 100 ml BioKick Filter Starter^{†2}

START



Extras

BioSmart

The flow-through filter BioSmart is also available as a single filter in the following sizes 16000, 18000 and 36000.

		BioSmart Set 5000	BioSmart Set 7000	BioSmart Set 14000	BioSmart Set 18000	BioSmart Set 24000	BioSmart Set 36000
Dimensions (L x W x H)	mm	280 x 380 x 410		380 x 560 x 410	559 x 596 x 408	920 x 555 x 405	920 x 600 x 405
Power consumption UVC	W	11	12	14	18	24	36
Power consumption pump	W	25	40	70	60		100
Power cable length UVC	m	3.00			5.00		
Power cable length pump	m	10.00					
Guarantee ^{*P.97}	Years	2					
UVC power	W	7	9	11	18	24	36
Connection inlet	mm (inch)	19 / 25 / 32 / 38 (¾", 1", 1 ¼", 1 ½")					
Connections, outlet		DN 50		DN 75			
Connections, sludge discharge	mm (inch)	38 (1 ½")			DN 50		
Suitable for ponds up to max.	m³	5.0	7.0	14.0	18.0	24.0	36.0
Suitable for ponds with fish stock	m³	2.5	3.5	7.0	9.0	12.0	18.0
Suitable for ponds with koi ^{†1}	m³	1.3	1.7	3.5	4.5	6.0	9.0
Item no. (GB-Version)		Not available in GB	50450	50452	56778	56785	56793
Item no.		50525	50449	50451	56777	56781	56789

^{†1} Note: When planning a new pond with koi stock, please ensure a minimum pond size of 5 m³! ^{†2} only BioSmart Set 18000–36000

FILTOMATIC CWS



* P.97

Pond manager with automatic self-cleaning



Save with complete filter sets!

- Suitable for ponds up to 25 m³
- Intelligent control system adjusts the filtration capacity to the seasonal requirements of the pond
- Up to 40% power savings¹ thanks to UVC unit with patented self-cleaning that is activated as needed; also includes oxygen enrichment
- Incl. OASE Clear Water Guarantee^{*P.97}
- Virtually invisible, the filter device can be buried to 70 % of the device height
- Cleaning effort is reduced thanks to automatic sludge discharge of the filter
- Convenient cleaning of the filter foams
- Long service life and high quality filter sponges offer the best conditions for the filter biology
- Less string algae through continuous removal of phosphates and nutrients
- Interval cleaning, UVC and pump function can also be controlled manually
- Special space saving filter design
- Determination of the specific replacement requirement of the bulb thanks to UVC operating hours meter
- Easy installation, low maintenance and user friendly
- Available in three different sizes

PRO



Matching filters and watercourse pumps starting on page 12

Extras



Automatic control unit

The innovative control system ensures energy savings through a temperature controlled UVC unit and automatic cleaning intervals.

		FiltoMatic CWS 7000	FiltoMatic CWS 14000	FiltoMatic CWS 25000
Dimensions (L x W x H)	mm	380 x 380 x 520	380 x 380 x 720	380 x 580 x 720
Power consumption	W	17	27	
Power consumption cleaning	W	41	54	
Power cable length	m		10.00	
Guarantee (+ request guarantee) ^{*P.97}	Years		2 + 1	
UVC power	W	11	24	
Connection inlet	mm (inch)		38 (1 ½")	
Connections, outlet			DN 75	
Connections, sludge discharge			DN 40	
Litres per hour, min.	l/h	2500	3500	
Max. flow rate	l/h	4000	5000	6000
Suitable for ponds up to max.	m ³	7.0	14.0	25.0
Suitable for ponds with fish stock	m ³	3.5	7.0	12.5
Suitable for ponds with koi ²	m ³	2.0	3.5	6.5
Item no. (GB-Version)				
Item no.		50906	50910	50925

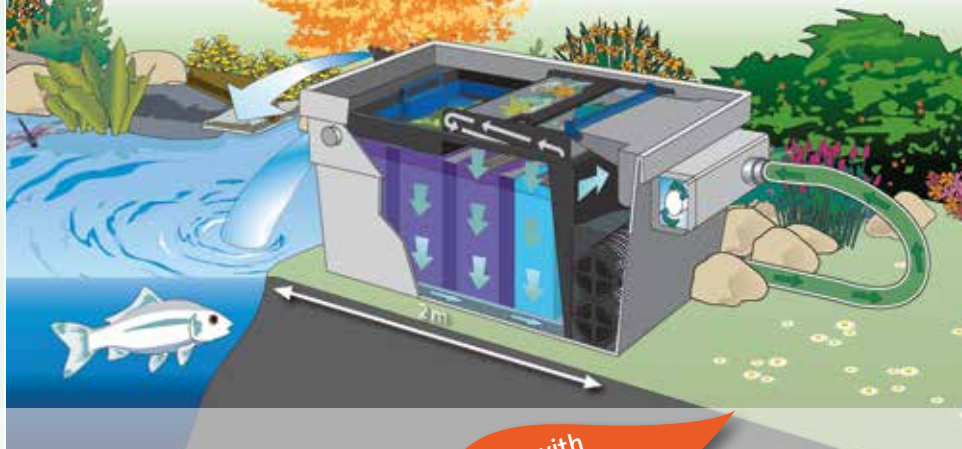
¹ Relative to devices in continuous operation

² Note: When planning a new pond with koi stock, please ensure a minimum pond size of 5 m³!

BioTec SCREENMATIC²



*High-performance
filter with automatic
coarse-debris extraction*



Save with
complete filter
sets!

- Highly effective flow-through filter for ponds up to 140 m³
- Significantly less maintenance is required, thanks to coarse debris extraction
- More convenience, thanks to automatically driven self cleaning of the belt filter. Adjustable cleaning sensor controls the belt run, depending on the degree of pollution. Incl. LED function check
- Cleaning of filter sponges directly in the filter, without removal
- Sludge drain with slide valve for removing debris from the filter system
- Different filter media for optimal development of filter bacteria
- Optimally matched to OASE AquaMax Eco filter pumps
- Direct connection possibility for Bitron C and Eco UVC clarifiers

PRO



Extras

BioTec 30

*The classic for
larger ponds and
koi ponds*

- Suitable for ponds up to 120 m³
- Multi zone filter with special filter foams
- Highly effective mechanical/biological decomposition of pathogens and nutrients
- Coarse debris extraction through filter brushes
- Connection possibility for OASE Bitron UVC clarifiers



PRO

		BioTec ScreenMatic ² 40000	BioTec ScreenMatic ² 60000	BioTec ScreenMatic ² 90000	BioTec ScreenMatic ² 140000
Dimensions (L x W x H)	mm	788 x 590 x 445	788 x 590 x 545	788 x 590 x 645	1200 x 800 x 760
Power consumption	W	5			
Cable length 12 V device (with power unit)	m	2.10 (Power unit) + 5.00			
Guarantee (+ request guarantee) *P.97	Years	2 + 1			
Special filter granulate	kg	2.50	3.50	5.00	14.50
Coarse debris extraction	µm	300			
Connection inlet	mm (inch)	25 / 32 / 38 (1", 1 ¼", 1 ½")		25 / 32 / 38 / 50 (1", 1 ¼", 1 ½", 2")	
Connections, outlet		DN 75		DN 110	
Connections, sludge discharge		DN 50			DN 75
Max. flow rate	l/h	9000	11000	12500	17500
Suitable for ponds up to max.	m ³	40.0	60.0	90.0	140.0
Suitable for ponds with fish stock	m ³	20.0	30.0	45.0	70.0
Suitable for ponds with koi ^{†1}	m ³	10.0	15.0	22.5	35.0
Connection to		Bitron C 36 - 110 W, Bitron Eco 120 - 240 W			
Item no. (GB-Version)		-			
Item no.		57694	57695	46178	57696

^{†1} Note: When planning a new pond with koi stock, please ensure a minimum pond size of 5 m³!

BioTec PREMIUM EGC



Compact high-performance
filter with drum filter
technology



- Intelligent filter system for near-to-nature ponds to 80 m³ and fish ponds up to 40 m³
- Excellent filtration capacity to 125 µm and flow-through rates up to 12,500 l/h for a crystal clear view
- The automatic coarse debris extraction easily flushes the contamination out of the filter, thanks to drum filter technology
- Conveniently control all settings via app, through connection possibilities on the Easy Garden Control System (EGC), upgrading existing systems is possible with the upgrade kit - available separately.
- Long service life and high quality filter sponges offer the best conditions for the filter biology
- The filter is flushed only by cleaned pond water. Therefore a fresh water connection is not required
- Powerful, high-quality pressure pump is integrated for flushing the drum
- Particularly quiet in operation thanks to extensive noise insulation

PRO



- Pollutant rakes on the sieves for reliable removal of string algae and other larger particles from the drum
- Individually removable sieve elements (no tools required) and free-wheeling functions for easy access to the drum interior
- Less string algae through continuous removal of phosphates and nutrients
- Pollutant discharge incl. slide valve
- Innovative and reliable product

		BioTec Premium 80000 EGC pump-fed
Dimensions (L x W x H)	mm	830 x 675 x 820
Power consumption	W	5
Power consumption cleaning	W	670
Cable length	m	5.00 + 1.00
Guarantee (+ request guarantee) * P. 97	Years	2 + 1
Control unit		Microcontroller
Temperature display		Digital
Coarse debris extraction	µm	125
Number of nozzles / cleaning flow rate		1 x 4.0 l/min
Rinse		4 bar
Automatic self cleaning		Manually, Sensor, Time interval
Connection inlet		1 x 2" + Bitron
Connection to		Bitron C 36 - 110 W, Bitron Eco 120 - 240 W, ProfiClear Classic
Connections, outlet		DN 110
Connections, sludge discharge		DN 75
Connection mud drain		DN 110
Litres per hour, min.	l/h	7500
Max. flow rate	l/h	12500
Suitable for ponds up to max.	m³	80.0
Suitable for ponds with fish stock	m³	40.0
Suitable for ponds with koi ²	m³	-
Item no. (GB-Version)		54854
Item no.		54850

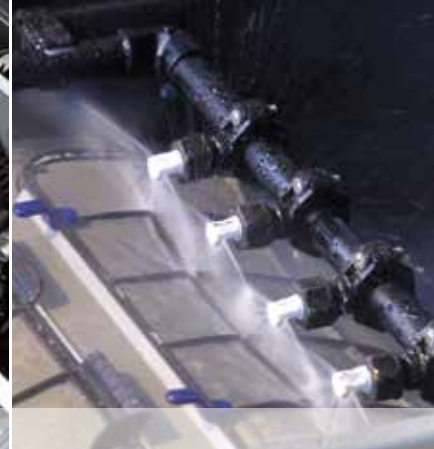
² Note: When planning a new pond with koi stock, please ensure a minimum pond size of 5 m³!

PROFICLEAR PREMIUM COMPACT



* P. 97

*The compact-powerful
alternative for smaller ponds*



- Suitable for ponds up to 140 m³
- High separating capacity through deep-bed filtration of up to 60 microns
- Inexpensive alternative for smaller ponds, particularly koi ponds
- With the Moving Bed System for optimal water movement and cleaning of the water
- Hel-X 13 filter medium with significantly enlarged surface area for effective decomposition of nutrients and pollutants
- Lower installation height also enables gravity-fed systems where space is limited
- Available in the pump-fed principle and in the gravity-fed principle
- New pump chamber for combination with Bitron Gravity UVC clarifier. Also compatible with ProfiClear Classic modules
- Conveniently control all settings via app, through connection possibilities on the Easy Garden Control System (EGC), upgrading existing systems is possible with the upgrade kit - available separately.

PRO



ProfiClear Premium Compact-M



ProfiClear Premium Compact-L



PROFICLEAR PREMIUM COMPACT-M



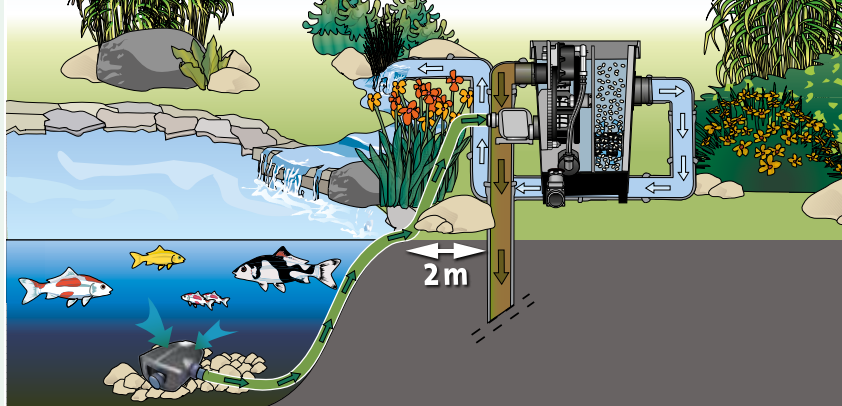
* P. 97



Schematic diagram: ProfiClear Premium Compact-M gravity fed system

				
		ProfiClear Premium Compact-M pumped EGC	ProfiClear Premium Compact-M gravity EGC	ProfiClear pump chamber Compact/Classic
Dimensions (L x W x H)	mm	885 x 685 x 820		830 x 665 x 820
Power consumption	W	5		-
Power consumption cleaning	W	670		-
Cable length	m	5.00 + 1.00	5.00 + 5.00	-
Guarantee (+ request guarantee) * P. 97	Years	2 + 1		-
Control unit		microcontroller		-
Coarse debris extraction	µm	80		-
Number of nozzles / cleaning flow rate		2 x 3.5 l/min		-
Rinse		4 bar		-
Automatic self cleaning		manually, Sensor, Time interval		-
Biological filter surface	m²	38.2		-
Biological filter surface protected	m²	32.2		-
Connection inlet	mm	50		-
Connection inlet		1 x 2" + Bitron	DN 110	1 x DN 185 + 2 x DN 110
Connection to		AquaOxy 2000, Bitron C 72 - 110 W, Bitron Eco 120 - 240 W	AquaOxy 2000, Bitron Gravity, ProfiClear pump chamber Compact	AquaMax Eco Gravity, Bitron Gravity, ProfiClear Classic
Connections, outlet		DN 110		1 x 2" / 2 x DN 110
Connections, sludge discharge		DN 75, DN 110		DN 75
Connection mud drain		DN 110		-
Litres per hour, min.	l/h	7500		-
Max. flow rate	l/h	12500	16500	25000
Suitable for ponds up to max.	m³	80.0	88.0	-
Suitable for ponds with fish stock	m³	40.0	44.0	-
Suitable for ponds with koi ¹	m³	20.0	22.0	-
Type of use		Pump fed system	Gravity fed system	Gravity fed system, pump fed system
Installation height above water level	cm	32.0		10.5
Other		Aeration pre-installed. Pollutant discharge incl. slide valve, incl. 40l Hel-X 13 Biomedia		Pollutant discharge incl. slide valve
Item no. (GB-Version)		47009	47011	-
Item no.		47008	47010	42913

PROFICLEAR PREMIUM COMPACT-L



Schematic diagram: ProfiClear Premium Compact-L pump fed system

				
		ProfiClear Premium Compact-L pumped EGC	ProfiClear Premium Compact-L gravity EGC	ProfiClear Premium Individual Module
Dimensions (L x W x H)	mm	1334 x 891 x 815	1370 x 891 x 815	830 x 600 x 820
Power consumption	W	5		-
Power consumption cleaning	W	1050		-
Cable length	m	5.00 + 1.00	5.00 + 5.00	-
Guarantee (+ request guarantee) * P. 97	Years	2 + 1		
Control unit		microcontroller		
Coarse debris extraction	µm	60		
Number of nozzles / cleaning flow rate		4 x 2.5 l/min		
Rinse		6 bar		
Automatic self cleaning		manually, Sensor, Time interval		
Biological filter surface	m²	57.3		
Biological filter surface protected	m²	48.4		
Connection inlet	mm	50	-	180
Connection inlet		1 x 2" + Bitron	DN 110	2 x 185 mm
Connection to		AquaOxy 2000, Bitron C 72 - 110 W, Bitron Eco 120 - 240 W	AquaOxy 2000, Bitron Gravity, ProfiClear Moving Bed Modul	AquaMax Eco Gravity, Bitron Gravity
Connections, outlet		DN 110	DN 150	2 x 2" / 2 x DN 110
Connections, sludge discharge		DN 75, DN 110		DN 75
Connection mud drain		DN 110		-
Litres per hour, min.	l/h	10000		
Max. flow rate	l/h	20000	25000	33000
Suitable for ponds up to max.	m³	120.0	140.0	-
Suitable for ponds with fish stock	m³	60.0	70.0	-
Suitable for ponds with koi ¹	m³	30.0	35.0	-
Type of use		Pump fed system	Gravity fed system	Gravity fed system, pump fed system
Installation height above water level	cm	37.0	12.5	11.5
Other		Aeration pre-installed incl. 60l Hel-X 13 Biomedia		Pollutant discharge incl. slide valve
Item no. (GB-Version)		49980	49982	-
Item no.		49979	49981	50771

¹ Note: When planning a new pond with koi stock, please ensure a minimum pond size of 5 m³!

PROFICLEAR PREMIUM



*Perfect for koi ponds:
optimized technology
and new digital possibilities*



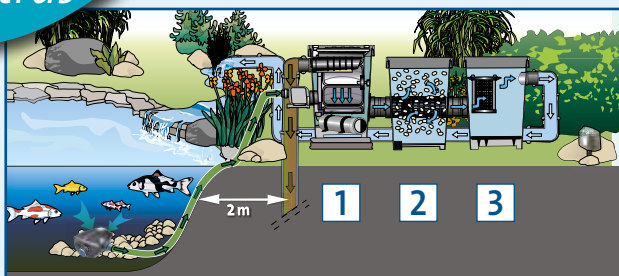
- Intelligent high end module filter system for koi ponds and other large bodies of water to 260 m³
- Modern modular filter system for professional water quality where space is at a minimum
- Outstanding filter capacity with intelligent control functions
- Intelligent self cleaning function for unique maintenance-free operation (drum filter module)
- Conveniently control all settings via app, through connection possibilities on the Easy Garden Control System (EGC), upgrading existing systems is possible with the upgrade kit - available separately.
- Highly effective decomposition of pollutants and nutrients, thanks to professional filter media and moving bed process
- Excellent decomposition rates of ammonium, ammonia, nitrite and nitrate
- Mature, professional technology with more than 3 years of development time
- Innovative and reliable product

PRO



Extras

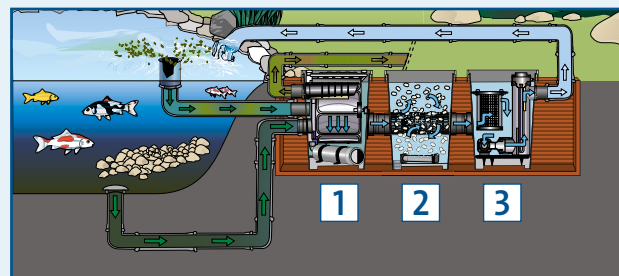
Modular filters ProfiClear Premium pump fed system



System advantages at a glance:

- Can be easily retrofitted in existing ponds
- Minimum installation effort
- Easy to extend the system
- Optimally matched to OASE AquaMax Eco Twin / Premium filter pumps (starting on page 15)

Modular filters ProfiClear Premium gravity fed system



System advantages at a glance:

- Effective removal of suspended matter through use of the gravity fed principle
- Energy-efficient, as there is virtually no height differential and only minimal friction losses occur
- Can be integrated inconspicuously in the garden
- Optimally matched to OASE AquaMax Eco Gravity filter pumps

1

DRUM FILTER MODULE

Intelligence sets the pace. The intelligent switch centre removes coarse debris to 60 µm – i.e. finer than a strand of hair.

- Maximum particle removal to 60 µm and flow-through rates to 33 m³/h for a crystal clear view
- Automatic self-cleaning offers maximum convenience
- Rinsing is executed with cleaned pond water, a mains water supply not required
- A watertight microcontroller system monitors and controls the main functions, operation is as easy (plug 'n' play)
- Pollutant rakes on the sieves reliably removes string algae and other larger particles from the drum
- Incomparably quiet through extensive noise damping



2

MOVING BED MODULE

Hel-X ensures optimum media circulation. Original Hel-X biomedia are highly effective at degrading pollutants in the moving bed process.

- Extremely large, protected settlement surface for micro-organisms (806 m²/m³)
- Innovative bypass technology for optimal movement of the Hel-X bioelements even with high flow rates
- Removal of toxins, such as ammonium/ammonia, nitrite and nitrate
- Hel-X Biomedium 50 l decompose approx 340 g of fish food per day. Its performance depends on temperature, feed quality and the degree of settlement of micro-organisms
- Advantages of the moving bed process: permanent, optimal oxygen supply; self-cleaning effect from dead biomass, know-how from industrial water treatment



POWERED BY
Hel-X 13

3

INDIVIDUAL MODULE

Flexible with maximum effectiveness. The filter system is flexibly aligned to the individual conditions of the body of water.

- Space-saving pump and UVC chamber for easy integration of:
AquaMax Eco gravity filter pumps and Bitron Gravity UVC clarifiers
- Maximum flexibility in the connection through DN 110 and 2" ducts
- To increase the filter capacity, it's possible to fill the 2 individual baskets in the flow area with additional filter medium up to 8 litres fill volume

Integrated bottom drain with high-quality, finely engineered slide valve DN 75

Extras

EGC System

Do you already own a ProfiClear Premium drum filter? Make sure you benefit from the advantages an EGC retrofit kit has to offer. During market introduction for a short period of time, the kit includes 10 m EGC connection cable.*

Item no. 47012



**Additional FM-Master EGC required*

Extras



1 The drum filter module – intelligence to set the pace

The drum filter doesn't just remove dirt particles, but is an intelligent control centre. The outstanding filter performance achieves crystal clear water and a maximal flow rate of 33 m³/h. A micro control system oversees and operates the main functions completely automatically. Ultimate convenience guaranteed, as individual adjustments to automatic self cleaning are easy to use.

Special highlight: the whole thing can now be operated by use of the App. All menu settings and analysis can be viewed via an internet accessible mobile phone or tablet on the home network.



www.oase-livingwater.com/proficlearfilm



		1	1
		ProfiClear Premium DF-L pump-fed EGC	ProfiClear Premium DF-L gravity-fed EGC
Dimensions (L x W x H)	mm	830 x 600 x 820	
Power consumption	W	5	
Power consumption cleaning	W	1050	
Cable length	m	5.00 + 1.00	5.00 + 5.00
Guarantee (+ request guarantee) * P. 97	Years	2 + 1	
Control unit		Microcontroller	
Temperature display		Digital	
Coarse debris extraction	µm	60	
Rinse		6 bar	
Automatic self cleaning		manually, Sensor, Time interval	
Material		GRP Duroplast/stainless steel	
Number of inlets	EA	2	4
Connection inlet		2 x 2" (50 mm) + Bitron	DN 110
Number of outlets	EA	2	
Connections, outlet		DN 150	
Connection mud drain		DN 110	
Connection to		Bitron C 72 - 110 W, Bitron Eco 120 - 240 W	Bitron Gravity
Litres per hour, min.	l/h	10000	
Max. flow rate	l/h	25000	33000
Installation height above water level	cm	40.0	11.5
Type of use		Pump fed system	Gravity fed system
Item no. (GB-Version)		47004	47006
Item no.		47003	47005

Tip!

*AquaOxy – aerator pump
ideal oxygen supply for
pond flora and fauna*



2

**ProfiClear Premium
Moving Bed Module**

3

**ProfiClear Premium
Individual Module**

Dimensions (L x W x H)	mm	830 x 600 x 820	
Guarantee (+ request guarantee) * P. 97	Years	2 + 1	
Biological filter surface	m²	47.8	-
Biological filter surface protected	m²	40.3	-
Material		GRP Duroplast	GRP Duroplast/stainless steel
Number of inlets	EA	2	
Connection inlet	mm	180	
Number of outlets	EA	2	4
Connections, outlet		DN 150	2 x 2" (50 mm) / 2 x DN 110
Litres per hour, min.	l/h	10000	
Max. flow rate	l/h	33000	
Connection to		AquaOxy CWS 2000 - 4800	AquaMax Eco Gravity, Bitron Gravity
Installation height above water level	cm	11.5	
Type of use		Gravity fed system, Pump fed system	
Item no. (GB-Version)		-	
Item no.		50772	50771

BIOLOGICAL PERFORMANCE OF THE HEL-X BIO MEDIUM IN THE MOVING BED MODULE:

50 l of Hel-X decomposes approx 340 g of fish food per day. If necessary, the fill level already contained can be extended from 50 l to 100 l (600 g fish food) per Moving Bed Module. **Up to 3 Moving Bed Modules per row can be installed in succession.** Among other factors, biological performance depends on temperature, food quality and the degree to which the Hel-X is settled with micro-organisms.

2 Moving bed module – whirling Hel-X

In this module professional Hel-X Biomedica provide an extremely effective removal of nutrients and harmful substances in the water. With their exceptional structure they offer an incomparably large protected settlement surface for micro-organisms. The fluidised bed process and the innovative bypass technology provide optimal movement, even with high rates of flow as well as for the self cleaning of decayed biomass. The previously installed, integrated aerating rod provides extra oxygen in the module.

3 Individual module – flexible and highly effective

This filter system can be adapted to the garden and its desired use. The module offers an extensive range of connections for other products like AquaMax Eco Gravity filter pumps or Bitron Gravity UVC precleaning devices. Furthermore 8 litre filling volume stainless steel baskets have been integrated into the flow area, which can be equipped with extra filter media like activated carbon or zeolite.

SELECTION TABLE – PROFICLEAR PREMIUM



Natural ponds & swim ponds			40 m³	60 m³	80 m³	100 m³	120 m³	160 m³	200 m³
Drum filter module	EA	1	1	1	1	1	1	1	1
Moving bed filter module	EA	1	1	1	1	2	2	2	2
Individual module	EA	1	1	1	1	1	1	1	1
Bitron 72 W	EA	1	1	–	–	–	–	–	–
Bitron 110 W	EA	–	–	1	1	–	–	–	–
Bitron Eco 120 W	EA	–	–	–	–	1	–	–	–
Bitron Eco 180 W	EA	–	–	–	–	–	1	–	–
Bitron Eco 240 W	EA	–	–	–	–	–	–	–	1
Bitron Gravity (gravity-fed system)	EA	1	1	1	1	2	2	2	2
Pump capacity / h = pond size / 8									
This table considers the usual flow losses within the filter system. All references regarding our Filter / UVC combinations for special pond sizes are based on Mid-European climatic conditions. For other regions they could differ due to the water temperature and sun intensity.									



With fish stock			20 m³	30 m³	40 m³	50 m³	60 m³	80 m³	100 m³
Drum filter module	EA	1	1	1	1	1	1	1	1
Moving bed filter module	EA	1	1	1	1	2	2	2	2
Individual module	EA	1	1	1	1	1	1	1	1
Bitron 72 W	EA	1	1	–	–	–	–	–	–
Bitron 110 W	EA	–	–	1	1	–	–	–	–
Bitron Eco 120 W	EA	–	–	–	–	1	–	–	–
Bitron Eco 180 W	EA	–	–	–	–	–	1	–	–
Bitron Eco 240 W	EA	–	–	–	–	–	–	–	1
Bitron Gravity (gravity-fed system)	EA	1	1	1	1	2	2	2	2
Pump capacity / h = pond size / 4									
This table considers the usual flow losses within the filter system. All references regarding our Filter / UVC combinations for special pond sizes are based on Mid-European climatic conditions. For other regions they could differ due to the water temperature and sun intensity.									

How to calculate the right UVC power for your pond

Ponds **without** fish stock: 1 W UVC power per m³ pond volume

Ponds **with** fish stock: 2 W UVC power per m³ pond volume

Ponds **with** koi stock: 4 W UVC power per m³ pond volume

Note: To keep the bacterial load low in the koi pond, the Bitron Gravity should be operated with a max. flow rate of 12.5 m³/h. In this regard recirculation of 55 % of the pond volume/h should be the objective. These recommendations are already considered in the table above.

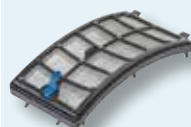
Extras



Hel-X Bio Medium 13 I

Extra media for Moving Bed Modules. Increases the biological performance. 2 x 25 l suffices for approx. 340 g fish food / day.

Item no. 42904



ProfiClear Compact / BioTec Premium sieve set 60 µm

Extends the partial removal performance of the drum filter for a maximum water brilliance. Tip: The rinsing cycle and the water demand increase by using this extension. Contains 6 sieve elements.

Item no. 43600



Discharge set ProfiClear Premium pump-fed system
With the optional discharge adapter you can operate the ProfiClear Premium in pump-fed setup even without the individual chamber.

Item no. 50949



ProfiClear Premium Sieve Set 150 µm

- Accessories for the Drum Filter Module
- At 150 µm, ensures removal of coarser debris and in turn reduces water consumption
- Ideal for use on natural ponds or swim ponds
- Contents: 8 sieve elements

Item no. 50947

SELECTION TABLE – PROFICLEAR PREMIUM COMPACT

	Natural ponds & swim ponds (without fish stock)				40 m³	60 m³	80 m³	100 m³	120 m³	140 m³
	ProfiClear Premium Compact M	EA	1	1	1	–	–	–	–	–
	ProfiClear pump chamber Classic / Compact	EA	1	1	1	–	–	–	–	–
	ProfiClear Premium Compact L	EA	1	1	1	1	1	1	1	1
	ProfiClear Individual module	EA	1	1	1	1	1	1	1	1
	Bitron 72 W	EA	1	1	–	–	–	–	–	–
	Bitron 110 W	EA	–	–	1	1	–	–	–	–
	Bitron Eco 120 W	EA	–	–	–	–	1	–	–	–
	Bitron Eco 180 W	EA	–	–	–	–	–	–	1	1
	Bitron Eco 240 W	EA	–	–	–	–	–	–	–	–
	Bitron Gravity (gravity-fed system)	EA	1	1	1	1	2	2	2	2
	Pump capacity / h = pond size / 8									
	* Double-row configuration (the filter system must be operated in two filter rows that are separate from each other) see illustration to the left. This table considers the usual flow losses within the filter system and expert recommendations for sterilisation capacity in koi ponds.									
	With fish stock (up to 1 kg / 1000 l)				20 m³	30 m³	40 m³	50 m³	60 m³	70 m³
	ProfiClear Premium Compact M	EA	1	1	1	–	–	–	–	–
	ProfiClear pump chamber Classic / Compact	EA	1	1	1	–	–	–	–	–
	ProfiClear Premium Compact L	EA	1	1	1	1	1	1	1	1
	ProfiClear Individual module	EA	1	1	1	1	1	1	1	1
	Bitron 72 W	EA	1	1	–	–	–	–	–	–
	Bitron 110 W	EA	–	–	1	1	–	–	–	–
	Bitron Eco 120 W	EA	–	–	–	–	1	–	–	–
	Bitron Eco 180 W	EA	–	–	–	–	–	–	1	1
	Bitron Eco 240 W	EA	–	–	–	–	–	–	–	–
	Bitron Gravity (gravity-fed system)	EA	1	1	1	1	2	2	2	2
	Pump capacity / h = pond size / 4									
	* Double-row configuration (the filter system must be operated in two filter rows that are separate from each other) see illustration to the left. This table considers the usual flow losses within the filter system and expert recommendations for sterilisation capacity in koi ponds.									
	Koi ponds				15 m³	20 m³	22 m³	30 m³	35 m³	
	ProfiClear Premium Compact M	EA	1	1	1 (gravity-fed system)	–	–	–	–	–
	ProfiClear pump chamber Classic / Compact	EA	1	1	1	–	–	–	–	–
	ProfiClear Premium Compact L	EA	1	1	1	1	1 (gravity-fed system)	–	–	–
	ProfiClear Individual module	EA	1	1	1	1	1	1	1	1
	Bitron 72 W	EA	1	–	–	–	–	–	–	–
	Bitron 110 W	EA	–	1	–	–	–	–	–	–
	Bitron Eco 120 W	EA	–	–	–	–	1	–	–	–
	Bitron Eco 180 W	EA	–	–	–	–	–	–	1	1
	Bitron Gravity (gravity-fed system)	EA	1	1	1	2	2	2	2	2
	Pump capacity / h = pond size / 1,5									
	* Double-row configuration (the filter system must be operated in two filter rows that are separate from each other) see illustration to the left. This table considers the usual flow losses within the filter system and expert recommendations for sterilisation capacity in koi ponds.									



Universal UVC clarifiers



- Suitable for ponds up to 60 m³
- Elimination of suspended algae (green water)
- Reduction of harmful bacteria and pathogen level
- Visual function check of the UVC bulb
- Quick release for easy bulb change and cleaning of the quartz glass
- Direct installation on the BioSmart filter (only Vitronic 18 – 36 W)
- High quality workmanship with impact resistant plastic housing
- Easy installation thanks to an extensive range of connection accessories
- Incl. high quality UVC bulb
- 100 %, VDE-certified safety; does not cause eye injuries

START

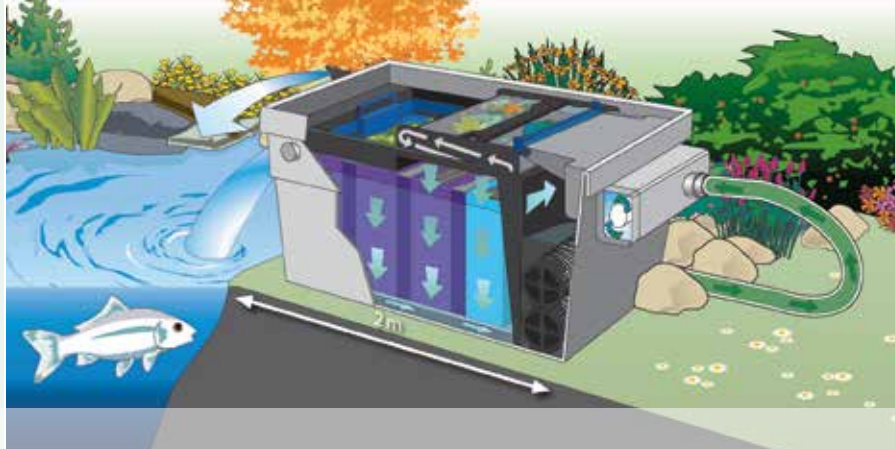


		Vitronic 11 W	Vitronic 18 W	Vitronic 24 W	Vitronic 36 W	Vitronic 55 W
Dimensions (L x W x H)	mm	330 x 120 x 100	529 x 186 x 130			660 x 155 x 130
Power consumption	W	14	18	24	36	55
Power cable length	m	3.00	5.00			
Guarantee ^{*P. 97}	Years	2				
UVC power	W	11	18	24	36	55
Connection inlet	mm (inch)	19 / 25 / 32 / 38 (¾", 1", 1¼", 1½") 25 / 32 / 38 (1", 1¼", 1½")				
Connections, outlet	mm (inch)	19 / 25 / 32 / 38 (¾", 1", 1¼", 1½") 25 / 32 / 38 (1", 1¼", 1½")				
Max. flow rate	l/h	1700	3500	4500	6000	8500
Suitable for ponds up to max.	m³	10.0	20.0	25.0	40.0	60.0
Suitable for ponds with fish stock	m³	5.0	10.0	12.5	20.0	30.0
Suitable for ponds with koi ^{†1}	m³	2.5	5.0	6.5	10.0	15.0
Connection to		-	BioSmart 18000/36000, BioTec ScreenMatic ² 40 - 60000			-
Item no. (GB-Version)		-				
Item no.		57370	56837	56869	56885	57373

^{†1}Note: When planning a new pond with koi stock, please ensure a minimum pond size of 5 m³!



UVC clarifiers with patented self-cleaning and bypass technology



- Suitable for ponds up to 110 m³
- Elimination of suspended algae (green water)
- Reduction of harmful bacteria and pathogen levels
- Clever UVC function monitor, display for bulb change and water temperature
- Bypass technology enables optimal irradiation of the polluted water, even at high flow through rates
- Individual water flow adjustment for optimal adaptation to the connected filter pump
- Integrated magnets protect the UVC technology against limescale deposits
- Visual function check of the UVC bulb
- Quick release technology for easy bulb replacement
- Incl. high quality UVC bulb

PRO



Matching filter systems on page 27, 29, 30, 31, 32, 34

		Bitron C 24 W	Bitron C 36 W	Bitron C 55 W	Bitron C 72 W	Bitron C 110 W
Dimensions (L x W x H)	mm	440 x 180 x 198	600 x 180 x 198		730 x 215 x 200	
Power consumption	W	24	36	55	72	110
Power cable length	m	5.00				
Guarantee ^{*p.97}	Years	2				
UVC power	W	24	36	55	72	110
Number of inlets	Unit	1				
Connection inlet	mm (inch)	25 / 32 / 38 (1", 1 ¼", 1 ½")		19 / 25 / 32 / 38 / 50 (¾", 1", 1 ¼", 1 ½", 2")		
Litres per hour, min.	l/h	4000	8000		12000	
Max. flow rate	l/h	15000	30000		40000	
Suitable for ponds up to max.	m³	25.0	40.0	60.0	75.0	110.0
Suitable for ponds with fish stock	m³	12.5	20.0	30.0	37.5	55.0
Suitable for ponds with koi ^{†1}	m³	6.5	10.0	15.0	19.0	27.5
Connection to		BioSmart 18000/36000	BioSmart 18000/36000, BioTec ScreenMatic² 40 - 60000		BioTec 30, BioTec ScreenMatic² 90 - 140000, ProfiClear	
Item no. (GB-Version)		–				
Item no.		56804	56799	56823	56901	56902

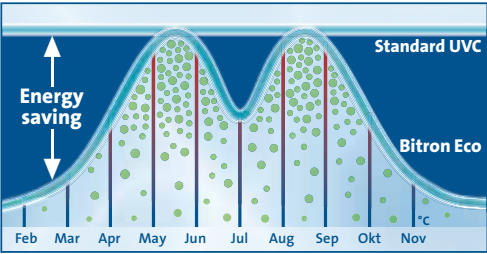
^{†1}Note: When planning a new pond with koi stock, please ensure a minimum pond size of 5 m³!

BITRON Eco * P. 97

High-efficiency UVC clarifiers



- Concentrated UVC power clears ponds up to 240 m³
- High intensity treatment of suspended algae, turbidity and harmful bacteria in the pond water
- Now with unique UVC bulb with 50% longer service life (12,000 h) - developed in cooperation with Philips
- High volume UVC housing with a new design and organic shape for a particularly long water retention time
- Eco control system enables maximum energy efficiency with savings potential of up to 50 %¹
- More protection for the climate. Eco mode saves up to 525 kg CO₂/year¹
- Intelligent bypass regulation automatically adapts the flow rate to the pump capacity in the filter system
- If desired, continuous irradiation or device switch off are possible at the touch of a button
- Clever UVC function monitor, display for bulb change and water temperature
- Fully effective UVC radiation at all times, thanks to patented cleaning automation for the UV bulb
- Simple connection to other 2" filter systems
- 100%, VDE-certified safety; does not cause eye injuries
- Including OASE Clear Water Guarantee in conjunction with the OASE flow through filters, BioSmart, BioTec and ProfiClear



PRO



		Bitron Eco 120 W	Bitron Eco 180 W	Bitron Eco 240 W
Dimensions (L x W x H)	mm	725 x 227 x 248		
Power consumption	W	120	180	240
Power cable length	m	5.00		
Guarantee (+ request guarantee) * P. 97	Years	2 + 1		
UVC power	W	120	180	240
Number of inlets	Unit	1		
Connection inlet	mm (inch)	38 / 50 (1 ½", 2")		
Connections, outlet	mm (inch)	38 / 50 (1 ½", 2")		
Max. flow rate	l/h	50000		
Max. operating pressure	bar	1		
Suitable for ponds up to max.	m ³	120.0	180.0	240.0
Suitable for ponds with fish stock	m ³	60.0	90.0	120.0
Suitable for ponds with koi ²	m ³	30.0	45.0	60.0
Connection to		BioTec 30, BioTec ScreenMatic ² 90 - 140000, ProfiClear		
Item no. (GB-Version)		-		
Item no.		56769	56405	56410

¹ Relative to devices in continuous operation. Bitron Eco 240 at 305 days of operation in EcoMode 50% and Central European temperature profile. With a different combination, savings are possibly lower. CO₂ calculation: www.iwr.de ² Note: When planning a new pond with koi stock, please ensure a minimum pond size of 5 m³!

BITRON GRAVITY * P. 97

Highly efficient – perfect for gravity fed filter systems



- Suitable for ponds up to 70 m³
- Extremely effective elimination of algae and pathogenic bacteria (to 12.5 m³/h) - similar to an immersion UVC
- 100%, VDE-certified safety; does not cause eye injuries
- Particularly energy efficient thanks to electronic ballast
- Effective sterilisation, thanks to long water contact time in the Bitron
- Flow-optimised reactor design ensures direct and virtually loss-free UV radiation
- High-quality V4A stainless steel housing for stability and good reflection rates
- Extremely easy installation with stainless steel connection elements
- Flexible connection before or after the ProfiClear filter system – also for other gravity fed applications
- In the event of pond enlargements or increase in koi stock, extension with additional Bitron Gravity UVC devices is possible at any time
- Visual function check
- Horizontal or vertical setup possible
- Incl. 2 x DN 110 quick release couplings, easy to install
- With the adapter set (18127) it is also suitable for pump fed operation

PRO



Matching filter systems on page 31, 34

Extras



Can be optimally integrated in the ProfiClear Premium system.

		Bitron Gravity 55 W
Dimensions (L x W x H)	mm	700 x 260 x 160
Power consumption	W	55
Power cable length	m	5.00
Guarantee * P. 97	Years	2
UVC power	W	55
Connections, outlet		DN 110
Max. flow rate	l/h	30000
Max. operating pressure	bar	0.6
Rec. flow rate (gravity-fed)	l/h	12500
Suitable for ponds up to max.	m ³	70.0
Suitable for ponds with fish stock	m ³	40.0
Suitable for ponds with koi [†]	m ³	25.0
Material		Plastic / stainless steel
Connection to		AquaMax Eco Gravity, ProfiClear
Type of use		Gravity fed system, Pump fed system
Item no. (GB-Version)		-
Item no.		50946

[†]Note: When planning a new pond with koi stock, please ensure a minimum pond size of 5 m³!

AQUAOXY

Flexible oxygen supply
for ponds



- Suitable for ponds up to 50 m³ or with high fish stock
- Special safe 12 volt technology for AquaOxy 1000 – 2000
- Optimal oxygen supply for pond flora and fauna
- Robust motor and high-quality UV-stabilised housing
- Reduced noise, energy-efficient operation
- Flexible location thanks to adequate hose length
- Easy and convenient handling
- Included in the scope of delivery: Air stones and replacement membrane set

From AquaOxy 1000

- Air stones are wear-free
- Infinitely adjustable air outflow rate

AquaOxy 4800

- Crafted with a high quality aluminium housing
- Can be used as an ice preventer



Can be used as an ice preventer

NEW

		AquaOxy 250	AquaOxy 500	AquaOxy 1000	AquaOxy 2000	AquaOxy 4800
Dimensions (L x W x H)	mm	167 x 106 x 75	185 x 140 x 110	220 x 225 x 135		245 x 185 x 200
Rated voltage (primary, secondary)		-		230 V / 50 Hz, 12 V / AC		-
Rated voltage		230 V / 50 Hz		-		220 - 240 V / 50/60 Hz
Power consumption	W	4	8	15	25	60
Power cable length	m	3.00		2.00 (Power unit) + 3.00		5.00
Guarantee ^{*p. 97}	Years	2				
Max. flow rate	l/h	250	500	1000	2000	4800
Pressure		0.15 / 1.50	0.2 / 2.00		0.25 / 2.50	0.35 / 3.00
Mechanical adjustment		No		Yes		
Hose (quantity / length / diameter)		1 UNIT / 10 m / 4.5 mm	2 pc / 5 m / 4.5 mm			4 pc / 5 m / 4.5 mm
Number of outlets	Unit	1		2		4
Suitable for ponds up to max.	m³	3.0	5.0	10.0	20.0	50.0
Outdoor suitability		Unlimited				spray water resistant
Number of air stones	Unit	1	2			4
Item no. (GB-Version)		-	57567	-	57437	Not available in GB
Item no.		34064	57063	37125	57350	50398

OXYTEX / SETS

Pond aerator and filter medium in one



- Unique combination of oxygen supply, water circulation and nutrient decomposition
- Ample space for micro-organisms thanks to surface optimised fibre structure
- As the ideal supplement for the FiltoMatic CWS and FiltoClear, the overall filter capacity can be increased by up to 25 %
- Attractive plant effect design
- The OxyTex as a stand-alone product for previously-installed aerator pumps (incl. adapter for 9 mm hoses)
- Connection ready complete sets with aerator pump AquaOxy and OxyTex
- Patented technology



		OxyTex 400	OxyTex 1000	OxyTex Set 500	OxyTex Set 1000	OxyTex Set 2000
Dimensions (Ø x H)	mm	144 x 290	220 x 300	144 x 290	220 x 300	
Rated voltage (primary, secondary)		–		-	230 V / 50 Hz, 12 V / AC	
Rated voltage		–		230 V / 50 Hz	-	
Power consumption	W	–		8	15	25
Power cable length	m	–		3.00	2.00 (Power unit) + 3.00	
Guarantee ^{* P. 97}	Years	2				
Biological filter surface	m²	1.5	3.5	1.5	3.5	7.0
Max. operating pressure	bar	0.4		0.4		
Pump capacity, max.	l/h	500	1000	500	1000	2000
Hose (quantity / length / diameter)		1 pc / 5 m / 4.5 mm		2 pc / 5 m / 4.5 mm		
Increase in filter capacity		Up to 10 %	Up to 25 %	Up to 10 %	Up to 25 %	
Other		1 OxyTex, incl. 9 mm adapter		1 OxyTex		2 OxyTex
Item no. (GB-Version)		–		Not available in GB		–
Item no.		50443	50290	57071	50249	50275

IceFree 4 Seasons

Ice preventer and water feature in one device



- Keeps an area of the pond free of ice in temperatures down to -20°C
- Ensures oxygen access to the water and allows harmful fermentation gases to escape
- Maintains the warm temperature zones on the floor
- Extremely energy-efficient pump technology without additional heating element (requires a depth of at least 80 cm)
- In summer it can be optimally used as a water feature



Extras

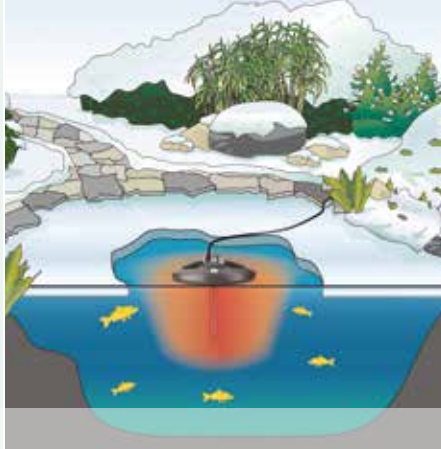
Recommendation
A minimum water depth of 80 cm is recommended for reliable operation of the IceFree.

		IceFree 4 Seasons
Dimensions (L x W x H)	mm	200 x 160 x 840
Rated voltage		230 V / 50 Hz
Power consumption	W	5
Power cable length	m	10.00
Guarantee ^{*P. 97}	Years	2
Max. flow rate	l/min	7
Max. head height, metres	m	0.75
Frost control function		No
Item no. (GB-Version)		–
Item no.		49992

IceFree Thermo

Ensure your pond is safe this winter

- Ensures oxygen access to the water and allows harmful fermentation gases to escape
- The IceFree Thermo with an active heating element is also suitable for shallower ponds, as well as for continuing cold periods with freezing temperatures
- IceFree Thermo 330 contains an integrated frost monitor function. It activates the device only when there is danger of frost. This means energy is not consumed on warmer days
- Maintains the warm temperature zones on the floor
- Resistance heating technology for higher performance in the freezing range, and protection against damage due to air temperature
- Keeps an area of the pond free of ice in temperatures down to -20°C



Extras

Recommendation

The IceFree 330 is particularly energy efficient. Thanks to the frost monitor function it only activates when there is danger of the water surface freezing.

		IceFree Thermo 200	IceFree Thermo 330
Dimensions (L x W x H)	mm	300 x 135 x 270	300 x 135 x 334
Rated voltage		220 - 240 V / 50 Hz	
Power consumption	W	200	330
Power cable length	m	10.00	
Guarantee ^{TP. 97}	Years	2	
Frost control function		No	Yes
Item no. (GB-Version)		-	
Item no.		51230	51231





POND CLEANING & SKIMMERS

Skimmers / Pond vacuums & Pool vacuums

- 50 SwimSkim
- 50 AquaSkim
- 51 BioSys Skimmer +
- 51 ProfiSkim
- 52 PondoVac Classic
- 52 PondoVac 3
- 53 PondoVac 4
- 54 PondoVac 5

Pond care

- 55 Useful pond helpers

SWIMSKIM

Floating for clear water surfaces



- Powerful suction cleaning of pond surfaces up to 50 m²
- The result is clearly improved water quality and viewing depth through direct removal of pollutants on the surface
- Integrated injector that enriches the pond with oxygen
- Extremely strong suction
- Including whirlpool function for avoidance of floor sedimentation, for SwimSkim 50
- Easy cleaning with basket removal
- Automatic adaptation to any water level (from 40 cm water depth)
- Special energy saving motor technology for SwimSkim 50

		SwimSkim 25	SwimSkim 50
Dimensions (L x W x H)	mm	332 x 297 x 263	450 x 400 x 390
Rated voltage		220 - 240 V / 50 Hz	
Power consumption	W	40	45
Power cable length	m	10.00	
Filter volume	l	0.9	4.5
Pump capacity, max.	l/h	2500	3500
Item no. (GB-Version)		50124	-
Item no.		57384	50170

AQUASKIM

Variable stationary and gravity fed skimmer



- Powerful suction cleaning of pond surfaces up to 40 m²
- Adaptation to differences in the water level to 120 mm
- The result is clearly improved water quality and viewing depth through direct suction removal of pollutants on the surface
- Base with large surface receptacle shell for rocks as ballast
- AquaSkim 20 - ideal for use on the AquaMax Eco Premium 4000-8000
- AquaSkim Gravity with high quality DN 160 / 110 adapter for easy integration in DN 110 line systems
- Easy maintenance with easily accessible coarse debris basket
- Debris basket can also be taken out from a distance via grip hooks
- Ideal combination with AquaMax Eco Premium filter and watercourse pumps

		AquaSkim 20	AquaSkim 40	AquaSkim Gravity
Dimensions (Ø x H)	mm	350 x 800		170 x 260
Height adaptation	mm	370 - 850	380 - 880	-
Filter volume	l	1.2	1.4	
Pos. water level difference	mm	100	120	
Pump capacity, min.	l/h	4000	8000	
Pump capacity, max.	l/h	8000	20000	
Connections, outlet	mm (inch)	25 / 32 / 38 (1", 1 ¼", 1 ½")		DN 110
Item no. (GB-Version)		-		
Item no.		51236	56907	51237

BIOsYS SKIMMER +

Skimmer for installation on the pond edge



- Powerful suction cleaning of pond surfaces up to 50 m²
- Compensation of water level fluctuations up to 100 mm
- Permanent installation directly at the edge of the pond
- Easy installation through joining the unit onto the pond liner
- Convenient cleaning thanks to easy removal of the coarse debris
- For operation with AquaMax Eco in integrated pump chamber
- Included in the scope of delivery: cover in natural rock look

		BioSys Skimmer +
Dimensions (L x W x H)	mm	580 x 400 x 450
Possible water level difference	mm	100
Filter volume	l	12
Pond surface, max.	m ²	50
Pump capacity, min. / max.	l/h	6000 / 16000
Connections, outlet	mm (inch)	25 / 32 / 38 (1", 1 ¼", 1 ½")
Item no. (GB-Version)		-
Item no.		57137

PROFI SKIM / PROFI SKIM WALL

The pro for the shallow water zone



NEW

- Powerful suction cleaning of pond surfaces up to 80 m²
- Ideal implementation in shallow water zones
- Can be used in gravity-fed operation (DN 110) or pump-fed operation, incl. 2" (50 mm) adapter
- Water routing for effective suction capacity
- Perfect supplement for filter systems in the gravity fed, as well as the pump fed system
- Large, easy to clean stainless steel basket with 8 mm mesh width

		ProfiSkim Wall 100	ProfiSkim 100	ProfiSkim Premium
Dimensions (L x W x H) / (L x W)	mm	273 x 267 x 408	780 x 585	500 x 340
Height adaptation		-	350 - 550 mm	
Connections, outlet	mm (inch)	DN 110	50 (2"), DN 110	
Rec. flow rate (pump-fed)	l/h	-	10000-20000	6000-16000
Rec. flow rate (gravity-fed)	l/h	12000	10000-12000	6000-12000
Filter volume	l	-	12	7
Pond surface, max.	m ²	30	80	65
Item no. (GB-Version)			-	
Item no.		70895	57134	51185

PONDOVAC CLASSIC

Patented convenience
for suction cleaning
without interruptions



START

- Suction capacity up to 3000 l/h, depending on the implementation conditions
- Automatic activation and emptying through clever motor control
- Silt removal through powerful 1400 W motor
- Compact design with 27 l wastewater tank
- Transparent suction tube for flow through control
- Maximum suction depth of 2 m
- Included in the scope of delivery: 4 suction pipes, 4 different suction nozzles, 1 filter bag, 1 coarse debris collection sack and 4 m suction hose and 2 m drain hose

		Pondovac Classic
Dimensions (L x W x H)	mm	370 x 370 x 580
Power consumption	W	1400
Guarantee ^{* P. 97}	Years	2
Suction depth max.	m	2.00
Max. flow rate	l/h	3000
Length, suction hose	m	4.00
Item no. (GB-Version)		50110
Item no.		50529



PONDOVAC 3

Convenient and effective -
without any interruptions



START

- Suction capacity up to 4000 l/h, depending on the implementation conditions
- Vacuum non stop thanks to the patented two chamber system - simultaneous vacuuming and emptying of the tank
- Maximum suction depth of 2.1 m thanks to strong 1600 W motor
- Can be used for cleaning garden ponds, pools and swim ponds as well as a wet vacuum in the household
- Transparent suction tube for flow through control
- Easy to move with transport rollers and adjustable handle
- Included in the scope of delivery: 4 suction tubes (plastic), string algae nozzle, wet suction nozzle, universal nozzle, debris collection bag, 4 m long suction hose and 2.5 m long discharge hose

		Pondovac 3
Dimensions (L x W x H)	mm	435 x 395 x 670
Power consumption	W	1600
Power cable length	m	4.00
Guarantee (+ request guarantee) ^{* P. 97}	Years	2 + 1
Suction depth max.	m	2.10
Max. flow rate	l/h	4000
Length, suction hose	m	4.00
Item no. (GB-Version)		37148
Item no.		37102



PONDOVAC 4

Powerful pond and pool vacuum - entirely without bothersome interruptions



- Suction capacity up to 5000 l/h, depending on the implementation conditions
- Vacuum non stop thanks to the patented two chamber system - simultaneous vacuuming and emptying of the tank
- Maximum suction depth of 2.4 m thanks to high performance 1700 W motor with optimised blade geometry
- Can be used for cleaning garden ponds, pools and swim ponds as well as a wet vacuum in the household
- Transparent suction tube for flow through control
- Easy to move with transport rollers and adjustable handle
- Hand regulator for adjusting the suction power
- Included in the scope of delivery: 4 robust aluminium tubes, special string algae nozzle, broadened universal nozzle, area nozzle, wet suction brush, brush nozzle, debris collection bag, 5 m long suction hose and 2.5 long discharge hose.

PRO



Extras



Two chamber system

Two same size cylinders are filled and emptied in alternating cycles. This enables non stop vacuuming.

		PondoVac 4
Dimensions (L x W x H)	mm	435 x 395 x 670
Power consumption	W	1700
Power cable length	m	4.00
Guarantee (+ request guarantee) * P. 97	Years	2 + 1
Suction depth max.	m	2.40
Max. flow rate	l/h	5000
Length, suction hose	m	5.00
Length, discharge hose	m	2.50
Item no. (GB-Version)		42939
Item no.		50388

PONDOVac 5

Pond & pool vacuum with integrated feed pump



- Suction capacity up to 8000 l/h, depending on the implementation conditions
- Vacuum without interruption thanks to integrated emptying pump
- Flexible use - waste water can be diverted in any direction.
- Pumps the waste water even over height differentials
- Maximum suction depth of 2.5 m thanks to high performance 1700 W motor with optimised blade geometry
- Can be used for cleaning garden ponds, pools and swim ponds as well as a wet vacuum in the household
- Transparent suction tube for flow through control
- Easy to move with transport rollers and adjustable handle
- More ground clearance and silent tyres in Big Wheel design
- Hand regulator for adjusting the suction power
- Discharge hose with C-connection on both sides
- Included in the scope of delivery: 4 robust aluminium tubes, special string algae nozzle, broadened universal nozzle, area nozzle, wet suction brush, brush nozzle, debris collection bag, 5 m long suction hose and 10 long discharge hose.

Tip!

For the most rigorous requirements. PondoVac Premium. The professional vacuum for ponds, pools, swim ponds and the household with extremely high suction capacity.



PRO



Extras

Accessories

Telescopic pole PondoVac Premium Thanks to the three-piece adjustment element, lengths between 1.8 m and 4.8 m can be easily adjusted. Incl. quick-connector and plastic handles
Item no. 40303



Floating hose Set PondoVac 5 Set consisting of 10 m floating hose Ø 38 mm and connector for nozzles in scope of delivery.
Item no. 41984



		PondoVac 5
Dimensions (L x W x H)	mm	436 x 425 x 716
Power consumption	W	1700
Power consumption pump	W	900
Power cable length	m	7.50
Guarantee (+ request guarantee) ^{*p. 97}	Years	2 + 1
Suction depth max.	m	2.50
Max. flow rate	l/h	8000
Floating hose application	mm	38
Item no. (GB-Version)		41983
Item no.		41982

USEFUL POND HELPERS

For ease of use in and around the garden pond



AQUANET POND NETS

Protects the pond from falling leaves in autumn

- Prevents silt on the pond floor and formation of fermentation gasses due to falling branches and leaves
- Fine mesh, robust and weather resistant
- Incl. ground stakes for fastening
- Available in the sizes 3 x 4 m, 4 x 8 m and 6 x 10 m

AquaNet pond net 1, 3 x 4 m
Item no. 53751

AquaNet pond net 2, 4 x 8 m
Item no. 53752

AquaNet pond net 3, 6 x 10 m
Item no. 53753

Extras

*Recommendation
Regular care is important*

for the healthy growth of plants in and on the pond. For this we recommend the Flexi Cut 2 in 1 pond scissors, with which the cuttings can be firmly held and cut. Thus plant remains can also be easily removed from the water. Also, branches or leaves at a distance of up to 2 metres can now be conveniently grabbed with the EasyPick telescopic premium pond pliers. This is what we mean by easy work on the pond!

NETS

For use around the garden pond

- Nets with 6mm mesh, for catching and removing fish
- Pond and algae nets for effortless removal of fine algae and plant debris (from 0.3 mm mesh size)
- Profi Fish and pond net with telescopic handle up to 2.3 m total length and including 1 replacement net
- Easy handling thanks to aluminium handle

Profi Fish net
Item no. 50079

Profi Pond net
Item no. 50078

Fish net small / large
Item no. 36300 / 36299

Algae net small / large
Item no. 36298 / 36297

POND TOOLS

Pond cleaning without dirty hands

- Telescopic Premium pond pliers EasyPick for grabbing and removing cuttings or leaves in and around the pond
- Scissors for trimming tasks in and around the garden pond
- Perfect for removing foreign objects and plant debris from the pond
- The tool for quick and easy working: The 2 in 1 pond scissors FlexiCut with a 1.6 m long handle that holds plants when cutting
- FlexiCut scissors head available as spare part from OASE (Item no. 51272)

FlexiCut 2 in 1
Item no. 51243

EasyPick
Item no. 40291



Pond scissors
Item no. 36303

Pond pliers
Item no. 36304





POND TREATMENTS & FISH MEDICINES

AquaActiv pond treatments

- 57 The A-B-C Concept to control algae
- 58 Improving water quality
- 59 Problem solvers
- 59 Dechlorinator
- 60 Binding nutrients
- 60 PhosLess Flow
- 61 Controlling / preventing algae
- 62 Disinfection
- 63 Through the pond season with OASE

AquaActiv Fish medicine

- 64 Fish medicine



IMPROVING WATER QUALITY

Water stabilisation in the case of algae growth:

- Restoration of the mineral balance, stabilisation of the pH value → **OptiPond**
- Preparation of tap water or well water so that it is ready for the pond → **Safe&Care**
- Provision of nutrient competition → **BioKick Care**
- If pond sediment is present → **SediFree**
- For oxygen deficiency or for support of the pond biology → **OxyPlus**



BINDING NUTRIENTS

Nutrient binding of algae growth:

- Removal of phosphates → **PhosLess**
- Removal of ammonium, nitrite, nitrate → **PondLith**
- Withdrawal of excessive water hardness / reduction of high pH values → **AquaHumin**



CONTROLLING ALGAE

Algae control:

- For green water (suspended algae) → **AlGo Greenaway***/**PondClear***
- For string algae or other algae → **AlGo Universal***
- For local, limited string algae → **AlGo Direct***
- For prevention of algae growth → **AlGo Bio Protect**

**Use biocides carefully. Always read the label and product information before use!*

THE A-B-C CONCEPT: WITH THE 3 STEP PLAN TO AN ALGAE-FREE POND

Algae usually results from excess nutrients and poor water quality.

With the A-B-C concept you eliminate algae by first eliminating the causes – your safe path to a sustainably beautiful pond.



IMPROVING WATER QUALITY

• Starter cultures

They provide the kick start a pond needs to create perfect biological balance, essential for life in the water.

The OASE test sets for safe monitoring of water values. Problems will be recognised early and counteractions put in place before the fish and plants are injured.



Container size:
100 ml | 200 ml | 2 l

BioKick

Starter cultures

- Wakes up the biology in the filter in the spring or for a new start
- Detoxification of nitrite, ammonium, and ammonia starts immediately
- Also recommended for post dosing if some of the water is changed or after cleaning the filter
- Follow up dose is not required
- Easy to use
- Free of pathogens
- More than 10 million active micro-organisms / ml *
- Ideal for near natural garden ponds

Ponds up to max. (m³) 5.0 (m³) 10.0 (m³) 100.0
Item no. 51277 50295 50939



Container size:
450 ml + 50 ml

BioKick FRESH

Starter cultures

Like BioKick, however:

- Combination of dry cultures and nutrient solution
- Contents: 450 ml nutrient solution + 50 ml bacteria concentrate
- Long lasting and highly active
- Now ready to start even after just 20 minutes
- Ideal for activating filter systems, particularly if there is fish stock
- More than 1 billion active micro-organisms /ml solution*
- Ideal for ponds with moderate fish stock

Ponds up to max. (m³) 10.0
Item no. 50562



Quicksticks 6 in 1
Item no. 50570

pH GH KH NO₂ NO₃ CL



Container size:
4 x 20 ml

BioKick PREMIUM

High-performance bacteria for pond filters

Like BioKick, however:

- Liquid preparation with highly concentrated, autotrophic bacteria strains and enzymes
- Contains natural ammonium oxidising bacteria (AOB) and nitrite oxidising bacteria (NOB)
- Packaged in medical glass ampoules. In spite of an incredibly high bacteria density, it can be stored uncooled for 36 months
- One ampoule suffices for 10,000 litres of pond water. Overdosing accelerates the running-in period
- More than 50 million active micro-organisms / ml *
- This corresponds to 1 billion bacteria per ampoule*
- Including ampoule opener
- Ideal for highly stressed ponds, particularly with koi stock

Ponds up to max. (m³) 40.0
Item no. 51280

Filter Starter in comparison

	BioKick	BioKick fresh	BioKick Premium
Number of bacteria (At the time of filling)	1 x 10 ⁷ /ml	1 x 10 ⁹ /ml	5 x 10 ¹⁰ /ml
Ideal for	Natural ponds	Fish ponds with moderate stock	Koi ponds
Filter performance within	Few weeks	1–2 weeks	Few days



PROBLEM SOLVER

For the proper set up and changing water qualities.
Each pond will be different.



Tip!

The new Dechlorinator detoxifies chlorinated domestic water – ideal before filling up ponds and aquariums.

Item no. 48790



SEDI FREE

Effective against pond silt

- Transformation of organic silt via special high performance bacteria
- Gentle cleaning without refilling the pond or dredging, etc.
- Focused prevention of silt, long term turbidity, and algae bloom
- Granulate with active oxygen sinks into the silt and oxidises it. Subsequent rapid decomposition of the silt through special bacteria

Ponds up to max. (m³) 100.0
Item no. 50561

OXY PLUS

Increases the oxygen content

- Increases the oxygen content in the pond
- Prevents formation of hazardous fermentation gas
- Supports the biological self cleaning properties of the water
- Ideal for lack of oxygen e.g. if there is heavy algae bloom

Ponds up to max. (m³) 10.0
Item no. 50559

POND CLEAR

Creates crystal clear water

- Binds mineral and organic substances from fish waste or leaves that cause turbidity
- Effective against fine, non filterable pollutants such as phosphates and heavy metal combinations
- Accumulated flocculated material is simply skimmed off with a net
- Not suitable for algae control

Ponds up to max. (m³) 10.0 (m³) 100.0
Item no. 50552 50555

OPTI POND

Basis for water stabilisation

- Treats soft well water or rain water
- Increases carbonate hardness and total hardness
- Stabilises the most important parameters
- Binds ammonium & ammonia
- Prevents dangerous drops in acidity
- Contains vital minerals and trace elements
- Ideal after heavy rainfall

Ponds up to max. (m³) 5.0 (m³) 50.0
Item no. 50557 50558

SAFE & CARE

For water treatment incl. protection

- Makes tap water suitable for fish, plants and wildlife
- Immediately binds chlorine and toxic heavy metals
- Bio protection colloids protect the mucous membrane from injury and infection
- Ideal after the use of medication

Ponds up to max. (m³) 10.0
Item no. 50563

BIO KICK CARE

Biological pond care method

- Activates the pond water with particularly important bacteria strains
- Promotes the biological balance
- Supports the decomposition of nutrients, such as ammonium, nitrite or nitrate
- Provides clear, healthy pond water and ensures good viewing depths
- Removes deposits of dead organic material, such as silt or fish waste
- Contains autotrophic and heterotrophic cultures, as well as lactic acid bacteria (more than 1 billion bacteria ml)*
- Reduces the cleaning requirements of filter systems
- Contains natural minerals and promotes the brilliant colours of the koi

Ponds up to max. (m³) 10.0 (m³) 50.0
Item no. 51283 51288



BINDING NUTRIENTS

- Binds toxins and pollutants
- Algae protection
- Binding phosphates

Particularly efficient against excess nutrient and pollutants.



PONDLITH

Natural nutrient removal

- Zeolite based natural product
- Special high performance filter material
- For decomposition of ammonium, nitrite and nitrate
- Grain size 5 – 10 mm
- Withdraws the nutrient base for green algae
- Effective for approximately 125 days
- Incl. practical filter media bag
- Per m³ pond volume 1 kg (without fish stock), 2 kg (with fish stock) or 3 kg (for koi ponds)

Ponds up to max. (m³) 2.5
Item no. 54049

PHOSLESS DIRECT

Protection against algae production

- Binds excess phosphates and thus naturally reduces algae growth
- Binds hydrogen sulphides that can cause bad odours
- Easy to spread on the pond surface
- 500 ml bind up to 110 g of phosphates!

Ponds up to max. (m³) 10.0 (m³) 100.0
Item no. 51284 51287

AQUAHUMIN

Biological algae protection

- Special peat for the garden pond
- Free from chemical additives, nematodes, pathogens and substances that are toxic to plants
- 30% – 45% humic acid
- Softens the water and reduces the pH value
- Restores the biological balance
- Prevents excessive algae growth
- Delivered in a practical net bag

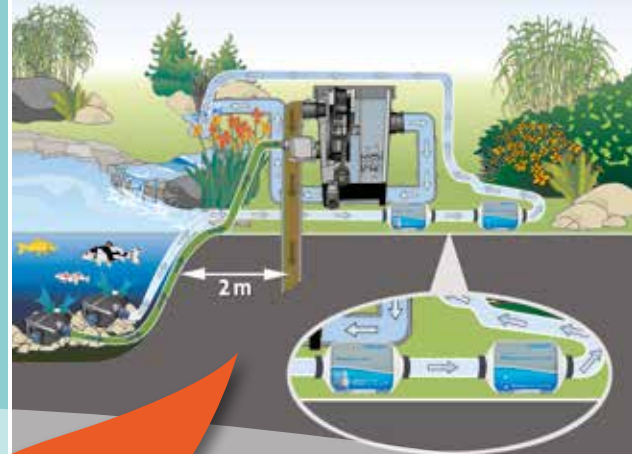
Ponds up to max. (m³) 10.0
Item no. 53759

PHOSLESS

Effective protection against algae

- Binds excess phosphates and thus naturally reduces algae growth
- Effective through 2-component technology in the exchange system
- Binds heavy metals like copper, lead or zinc
- Can be used in the BioTec 18 / 36 filters, as well as in moving water
- Dimensions per filter media tube 310 x 86 mm
- Available also as clever refill system.

Ponds up to max. (m³) 40.0 (m³) 40.0
Item no. 36981 57477



Phosphate binding with the PhosLess Flow 3000 cartridges



PHOSLESS FLOW 3000

Removal of phosphates

- Ideal start at phosphate values > 0.2 mg/l.
- Binding capacity: Up to 90g PO₄
- Prepares the pond for use of the PhosLess PowerFlow

Item no. 48792

PHOSLESS POWER FLOW 3000

Highly-reactive adsorber

- Significantly lowers the phosphate content under the minimum requirement for algae
- For sustainable use recommended from values <0.2 mg/l PO₄
- Binding capacity: Up to 150 g PO₄
- On swim ponds up to 75m³ usually sufficient for one swim season

Item no. 48791

SECURE FLOW 3000

Prefilter for PhosLess Flow cartridges

- With glass pearls that can be easily back-flushed
- Required if prefiltered water is not available

Item no. 48793



CONTROLLING / PREVENTING ALGAE

- *Algae control*
- *Biological algae protection*

Cases of failure to success at levels A & B.



Recommendation
Many AquaActive
products are
also available in
attractive large
containers.

ALGo GREENAWAY*

For crystal clear pond water

- Highly effective elimination of suspended algae and removal of mineral and organic substances that cause turbidity
- 2-phase active ingredient clears green/murky water quickly and safely
- Effective against fine, non-filterable pollutants such as phosphates and heavy metal combinations
- Accumulated flocculated material is simply skimmed off with a net
- Harmless for plants and animals when used properly
- Contents: 500 ml algacide effective solution + 40 ml flocculation concentrate

Ponds up to max. (m³) 10.0

Item no. 40235

Not available in GB!

ALGo UNIVERSAL*

Effective algae control

- Safely effective against the most frequently occurring algae types, string algae, suspended algae, and slime algae
- Inhibits photosynthesis of the algae; algae starves
- Harmless for plants and animals when used properly

Ponds up to max. (m³) 10.0

Item no. 50542

Not available in GB!

(m³) 100.0

50545

ALGo DIRECT*

Quickly effective against string algae

- Particularly for local and fast treatment of string algae, e.g. in watercourses
- Works through direct contact
- Microorganisms decompose dead algae
- Includes pH / GH quick test
- Active ingredient decomposes to oxygen and water within a short time, consequently use in swim ponds is possible

Ponds up to max. (m³) 10.0

Item no. 50546

Not available in GB!

(m³) 100.0

50549

ALGo BIO PROTECT

Sustainable protection against algae

- Physically inhibits algae growth due to sunblock effect
- Contains a humic acid complex of natural raw materials
- No biocidal additives
- Generates a barely perceptible amber colour, the vital UV light supply for the algae is significantly reduced
- Protects against excessive algae growth

Ponds up to max. (m³) 10.0

Item no. 51279

Not available in GB!

Frequent algae types in the garden pond:

String algae



Recommendation: ALGo Universal and ALGo Direct**

Suspended algae



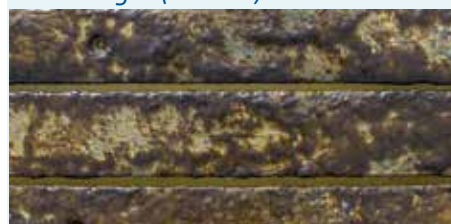
Recommendation: ALGo Universal and ALGo Greenaway**

Red algae



*Recommendation: ALGo Universal**

Brown algae (diatoms)



Recommendation: ALGo Universal and ALGo Direct**

Blue algae



Recommendation: ALGo Greenaway and ALGo Direct* + comprehensive pond hygiene*

**Use biocides carefully. Always read the label and product information before use!*



DISINFECTION / CLEANING AGENTS

- Ornamental fountain clarifier
- Cleaner for larger ponds and swim ponds

Effective for water bodies without fish and plants.



ALGo FOUNTAIN*

Algae protection for fountains

- Fast help against algae and odours in ornamental fountains, decorative pools and water features
- Keeps the water fresh and clear
- Also effective against biofilm formation
- Prevents limescale deposits
- Compatible with surfaces and technology
- Protects against bacteria and fungus
- Long lasting effect
- Large container: 5l concentrate for pools to 10000 litres

Ponds up to max. (m³) 0.2 (m³) 10.0

Item no. 51278

40234

Not available in GB!

OXYPOOL*

Pond protection without chlorine

- Efficient water cleaner with the active ingredient hydrogen peroxide and silver ions
- Eliminates algae and acts against bacteria and fungus
- Suitable for ornamental ponds, swim ponds, spray fountains and water features
- Leaves, silt, algae and calcium deposits float to the surface and can be removed
- Biologically degradable, without chlorine and alcohol additives
- Colourless and odourless

Ponds up to max. (m³) 100.0

Item no. 51062

Not available in GB!

PUMP CLEAN

Clean pond technology is effortless

- Effective pump cleaner for cleaning pond pumps
- Reliably removes lime scale and other deposits
- Free of chlorine and vinegar
- Also ideal for cleaning UVC quartz glass and ProfiClear Premium sieves
- Easy application – mixed with 9.5 l water results in 10 l descaling solution
- Biodegradable
- Colourless and odourless

Item no. 40242

**Use biocides carefully. Always read the label and product information before use!*

POND CARE WITH AQUAACTIV

The right product for every season

Spring

Summer

Autumn

Winter



SPRING

Clean water, activate pond biology and bind nutrients at the start of the season

- OptiPond basic care for optimal water conditions
- BioKick starter cultures give the filter biology a real boost
- PondLith Zeolith reduces ammonium or nitrite during the start-up phase
- QuickSticks and the Water Analysis Set monitor the water values
- PhosLess reduces phosphates and helps prevent string algae
- SediFree reduces deposits on the pond floor – ideal in combination with the PondoVac
- Fish medicine provides remedies for diseases of the fish stock



SUMMER

Summertime is algae time

- Effectively eliminates algae in 3 steps – with the AquaActiv A-B-C anti-algae program
- Prevent algae growth with AlGo BioProtect or AquaHumin
- OptiPond equalises the mineral balance and thus prevents hazardous pH value fluctuations
- Safe&Care properly conditions tap water for the pond
- OxyPlus eliminates lack of oxygen due to algae growth at warm temperatures



AUTUMN

Deep cleaning before winter

- Vacuum up plant remains and decaying organic matter or silt with PondoVac
- SediFree helps decompose silt
- BioKick Care optimises the water values
- OptiPond prevents pH value fluctuations

WINTER

A period of rest for the pond and its inhabitants

- PumpClean cleans and maintains the pond technology
- PhosLess filter inserts prevent string algae in the new season
- QuickSticks and the Water Analysis Set monitor the water values, particularly if fish have been fed throughout the winter.



**Use biocides carefully. Always read the label and product information before use!*

AquaActiv fish medicine: for the all-round wellbeing of fish



UNIVERSAL**

Against the most frequent diseases of pond fish

Area of application

- Unclear diagnosis
- Mixed infections
- For prevention of disease
- Bacterial infections
- Single-cell parasites (Protozoa)
- Fungal diseases

Symptoms

- Whitish-yellow, slime coverings
- Coverings that resemble cotton wool
- Ulcers, wounds, inflammations
- Flicking
- Loss of skin & scales
- Blood spots

Ponds up to max. (m³) 10.0 (m³) 100.0
Item no. 50564 50927

1 ANTI PARASITE**

Against single-cell parasites

Area of application

- Single-cell parasites (Protozoa), such as
- Skin parasites (Costia, Trichodina, Chilodonella), White-spot disease (Ichthyophthirius)
- Velvet (Piscinoodinium)
- Cryptobia
- Bacterial diseases that accompany these infections

Symptoms

- White-grey to dark velvet-like coverings
- White spots
- Projecting gills
- Increased respiratory activity
- Scraping against objects
- Clamped fins
- Lethargy and emaciation

Ponds up to max. (m³) 10.0 (m³) 100.0
Item no. 50565 50928

2 ANTI FUNGUS**

Against fungal infections

Area of application

- Fungal diseases (Dermocystidium)
 - Mould (saprolegnia)
 - Bacterial diseases that accompany these parasites
- Note: Fungal infections usually occur where the skin has been injured

Symptoms

- Velvet like covering on gills, body and fins
- Whitish brownish covering on wounds

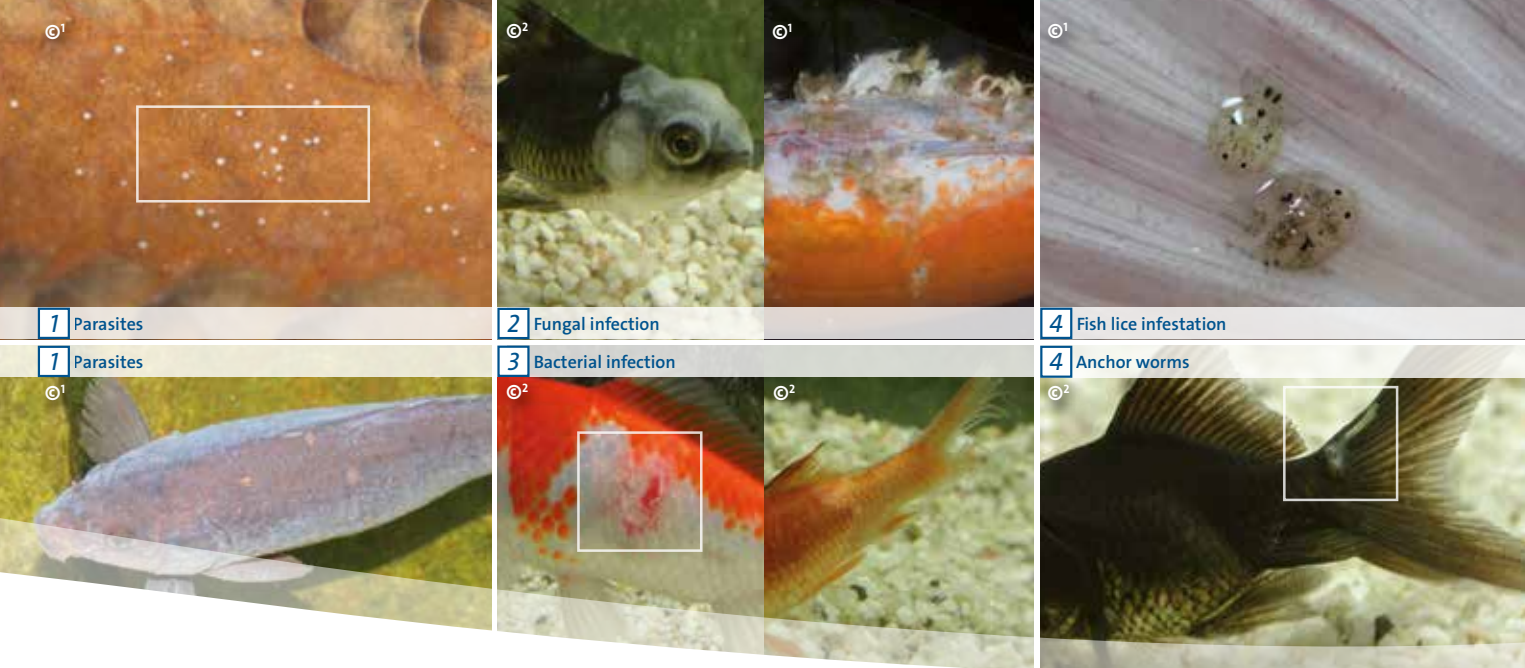
Ponds up to max. (m³) 10.0 (m³) 100.0
Item no. 50566 50929



Pharmaceutical manufacturers:

**Aquarium
Münster**

Fish like us



1 Parasites

1 Parasites

2 Fungal infection

3 Bacterial infection

4 Fish lice infestation

4 Anchor worms

The illustrations are subject to the copyright of: ©1 Dr. Achim Bretzinger; ©2 Dr. Gerald Bassleer

3 ANTI BACTERIA**

Against internal and external bacterial infections

Area of application

Internal and external bacterial infections, such as

- Ascites (Aeromonas, Pseudomonas)
- Mouth rot (Columnaris)
- Fin rot (Myxo bacteria)
- Hole syndrome (Aeromonas, Pseudomonas)
- Streptococcus
- Injuries, inflamed

Symptoms

- Loss of skin & scales
- Swelling, reddening
- Broken skin, open wounds, ulcers
- Fin rot, raised scales
- Slowed / accelerated movements
- Flicking, cramps
- General darkening
- Protruding bellies

Ponds up to max. (m³) 10.0 (m³) 100.0
Item no. 50568 50931

4 ANTI ARGULUS**

*Active ingredient: Diflubenzuron
For fish lice and anchor worms*

Area of application

- Fish lice (Argulus)
- Anchor worms (Lernaea)
- Fish leech

Symptoms

- Heavy abrasion
- Fish lice, anchor worm, fish leech (visible with the naked eye)
- Lethargy and emaciation

Ponds up to max. (m³) 10.0 (m³) 100.0
Item no. 50567 50936

Freely available medications in accordance with §60 of the German Drug Act (AMG)

* GMP quality standards (Good Manufacturing Practice – guarantees constant physical, chemical and microbiological inspections, from receipt of raw material to manufacturing of the product).

** The products, Universal, AntiParasite, AntiFungus, AntiBacteria and AntiArgulus are freely available medications in accordance with §60 of the German Drug Act (AMG) and the SAES.





ILLUMINATION & POWER

Pond illumination

68 Advisor – pond illumination

LED spotlights

- 70 LunAqua Terra LED
- 70 LunaLed
- 71 LunAqua Classic LED
- 71 LunAqua 3 LED
- 72 LunAqua Mini LED
- 72 LunAqua Maxi LED
- 73 LunAqua Power LED
- 73 ProfiLux Garden LED RGB
- 74 LunAqua Power LED XL

Power management

- 75 InScenio EGC Controller Home / Cloud
- 76 InScenio FM-Master EGC Home / Cloud
- 77 InScenio



LunAqua Classic LED
Warm-white



LunAqua Mini LED warm
Warm-white



LunAqua Mini LED
Neutral-white



LunAqua Maxi LED
Warm-white

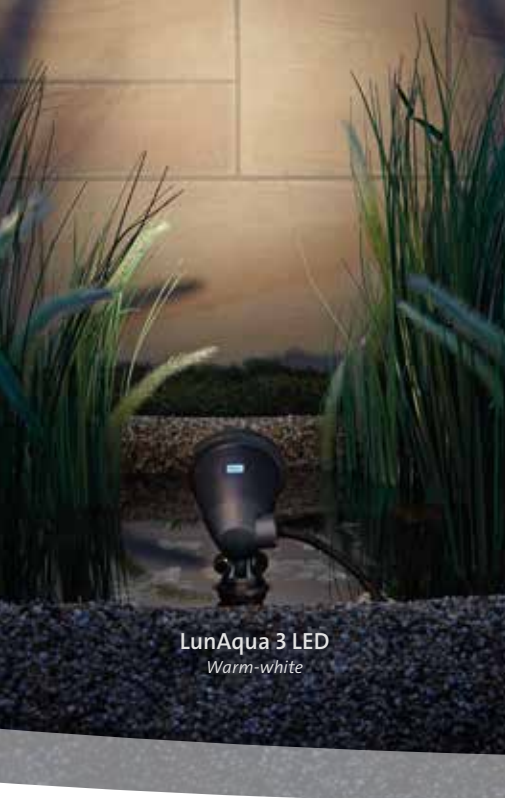
Lighting design: tips for planning your garden lights

Proper planning is the key to garden light design. OASE offers garden owners a variety of possibilities for giving the garden a special charm with skilfully placed light accents. The advantage of the OASE Illumination product range is installation is simple. We want to make it easier to decide which spotlight from the OASE LunAqua series is the right one for optimal lighting in your garden. Consequently, here you can see all models in a photo series. In order to evaluate the light effect of the various spotlights, each of them is presented in an identical perspective – at a

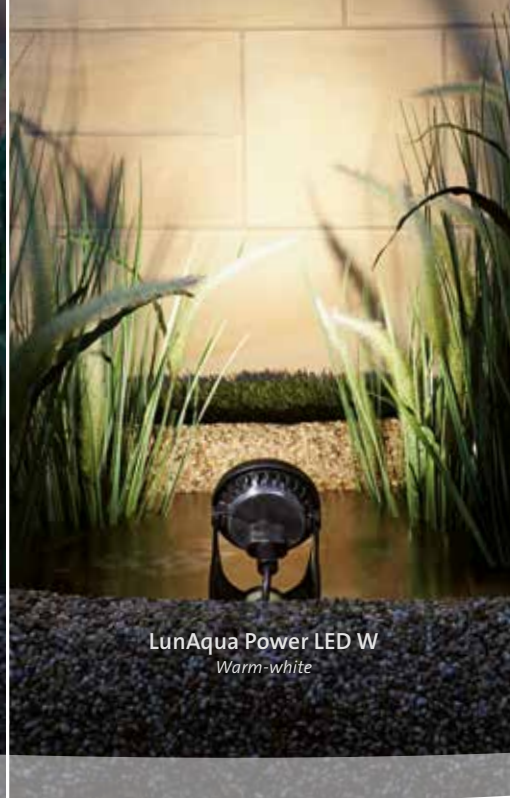
distance of 70 cm from the wall. Compare, select and then make your pond a magical, luminous haven of tranquillity.

Tip!

An adequate number of power sources in the appropriate parts of the garden facilitates the installation of light. The remote controlled FM-Master (page 78) is particularly well-suited in this regard. It enables convenient regulation of your lighting from the terrace. The revolutionary FM-Master EGC Home/Cloud even enables convenient control via the app from your smart phone or tablet. Try it out!



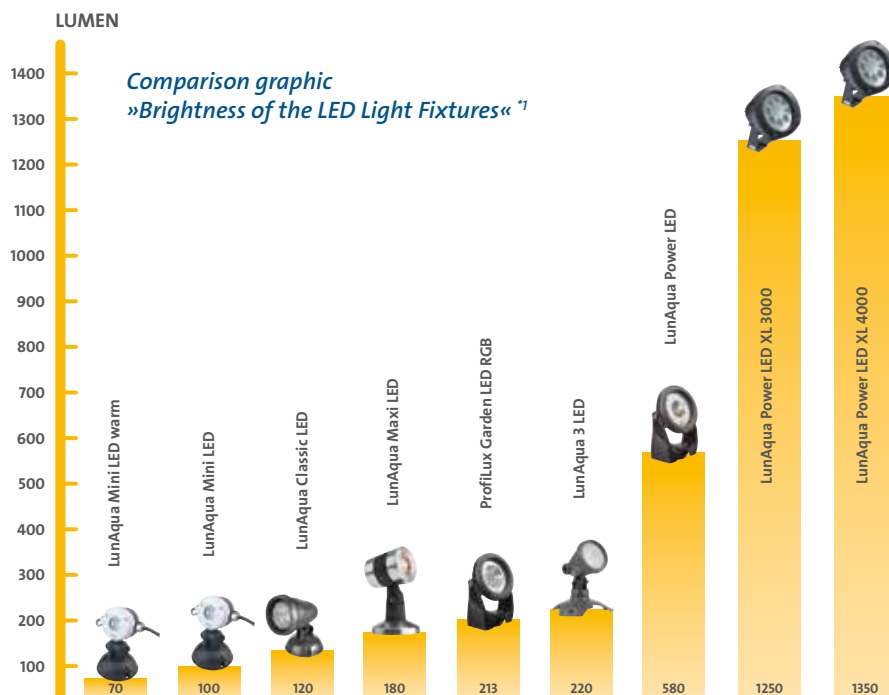
LunAqua 3 LED
Warm-white



LunAqua Power LED W
Warm-white



LunAqua Power LED XL
Warm-white



^{*)} Additional instructions concerning the energy efficiency classes are provided on page 96

Extras

Watt does not always equal brightness

Based on their own experience, most people have an idea of the luminous intensity of a classic 25 W light bulb. With the new energy-saving LED light fixtures this reference between power consumption and brightness is lacking. For a comparison of the brightness of different light fixtures the luminous flux (specified »in lumens«) is an important variable for orientation. For example: The luminous intensity of our new compact LunAqua Power LED light fixture with 580 lumens is approximately equal to that of a 50 watt light bulb. Yet it only needs 5.8 watts for this luminous intensity. See the comparison graphic to the left for other light fixtures.

LUNAQUA TERRA LED

Warm light recessed in the ground – as complete install set



- Extremely energy-efficient with just 0.25 W per light fixture
- Warm white LED light fixture, extremely energy efficient and long lasting
- Crafted in polished, high-quality stainless steel material
- Installation is particularly easy thanks to the stainless steel clip for fastening in the 40 mm bore opening
- Suitable for use above and below the water surface
- Easy extension through LunAqua Terra LED Solo is possible (delivered without power unit)

		LunAqua Terra LED Set 6	LunAqua Terra LED Set 3	LunAqua Terra LED Solo	LunAqua Terra LED Extension cable
Dimensions (Ø x H)	mm	45 x 15			-
Rated voltage (primary, secondary)		230 V / 50 Hz, 12 V / AC		12 V / AC	
Power consumption of the light fixture	W	0.25			-
Energy efficiency class light fixture ¹⁾		A++			-
Weighted energy consumption per light fixture	kWh/1000h	1			-
Power cable length	m	10.00			
Guarantee ^{*P. 97}	Years	2			
Item no. (GB-Version)		Not available in GB			
Item no.		50729	51043	51056	51057

LUNALED

Radiant LED illumination for bubbling stones



- With 6 or 9 cold white LEDs
- Diameter 30 mm or 50 mm
- Suitable for use underwater and above the water, e.g. for illumination of a bubbling stone
- High quality stainless steel cap, with which the water flow rate can be regulated
- Suitable for permanent underwater use, thanks to protection class IP68 (connection IP 44)
- Beam angle of the LED: 72°
- Incl. low volt plug transformer
- Easy installation via the innovative hose connector

		LunaLed 6s	LunaLed 9s
Dimensions (Ø x H)	mm	30 x 70	50 x 70
Rated voltage (primary, secondary)		230 V / 50 Hz, 12 V / DC	
Power consumption of the light fixture	W	< 1	
Energy efficiency class light fixture ¹⁾		A	
Weighted energy consumption per light fixture	kWh/1000h	1	
Power cable length	m	10.00	
Guarantee ^{*P. 97}	Years	2	
Connection inlet	mm (inch)	19 (¾")	25 (1")
Item no. (GB-Version)		Not available in GB	
Item no.		50114	50115

LUNAQUA CLASSIC LED

The all rounder – underwater and above the water



- LED underwater spotlight for pleasant warm white light accents
- Now even brighter and more energy-efficient (A++)
- Suitable for use above and below the water surface
- Suitable for permanent underwater use, thanks to protection class IP68 (connection IP 44)
- Particularly energy efficient with just 1.3 watt power consumption
- Adjustable head for flexible alignment of the beam angle

		LunAqua Classic LED Set 1	LunAqua Classic LED Set 3
Dimensions (Ø x H)	mm	75 x 114	
Rated voltage (primary, secondary)		230 V / 50 Hz, 12 V / AC	
Power consumption light fixture	W	1.3	
Energy efficiency class light fixture ¹⁾		A++	
Weighted energy consumption per light fixture kWh/1000h		2	
Guarantee ^{*) 97}	Years	2	
Luminous flux	lm	120	
Item no. (GB-Version)		–	
Item no.		50527	50530

LUNAQUA 3 LED

The classic, but with LED – now even brighter



- Powerful underwater LED spotlight for pleasant warm white light accents
- High energy efficiency at power consumption of 3 watt
- Beam angle of 30° for broad illumination of plants and other highlights
- Suitable for permanent underwater use, thanks to protection class IP68 (connection IP 44)
- Suitable for use above and below the water surface
- Fast and easy installation thanks to Plug'n'Play
- Included in the scope of delivery: 1 or 3 spotlights, 12 V transformer, rubber hose line, 1 or 3 ground stakes

		LunAqua 3 LED Set 1	LunAqua 3 LED Set 3
Dimensions (Ø x H)	mm	75 x 140	
Rated voltage (primary, secondary)		230 V / 50 Hz, 12 V / AC	
Power consumption light fixture	W	3	
Energy efficiency class light fixture ¹⁾		A+	
Weighted energy consumption per light fixture kWh/1000h		4	
Guarantee ^{*) 97}	Years	2	
Luminous flux	lm	220	
Item no. (GB-Version)		–	
Item no.		57034	57035

¹⁾ Additional instructions concerning the energy efficiency classes are provided on page 96

LUNAQUA MINI LED

Compact and fine: For accents in the garden and pond



- 1 W power LED, available in neutral-white and warm-white
- Now even brighter and more energy-efficient (A++)
- Suitable for use above and below the water surface
- Suitable for permanent underwater use, thanks to protection class IP68 (connection IP 44)
- Easy to integrate in garden and pond design thanks to the small dimensions
- 3 unit series circuit, incl. 12 V safety transformer
- High quality stainless steel details
- Adjustable head for flexible alignment

		LunAqua Mini LED	LunAqua Mini LED warm
Dimensions (Ø x H)	mm	75 x 110	
Rated voltage (primary, secondary)		220 - 240 V / 50/60 Hz, 0 - 12 V / 350 mA / DC	
Power consumption of the light fixture	W	< 1	
Energy efficiency class light fixture ¹⁾		A++	
Weighted energy consumption per light fixture kWh/1000h		2	
Guarantee (+ request guarantee) ^{19,97}	Years	3 + 2	
Luminous flux	lm	100	70
Item no. (GB-Version)		-	
Item no.		50512	50513

LUNAQUA MAXI LED

Stainless steel design and flexible functionality



- Warm-white 3 W power LED in 1 unit or 3 unit set – now even brighter and more energy-efficient (A++)
- Suitable for use underwater and above the water, e.g. for illumination of a bubbling stone
- Suitable for permanent underwater use, thanks to protection class IP68 (connection IP 44)
- An additional spotlight, LunAqua Maxi LED Solo, can be retrofitted in each case (delivery without 12 V)
- Incl. interchangeable optics for a beam angle of 10° or 30°
- Wall mount and in ground installation possible
- Incl. ground stake and tool for wall mounting
- Star circuit, 12 V safety transformer and rubber hose line

		LunAqua Maxi LED Set 1	LunAqua Maxi LED Set 3	LunAqua Maxi LED Solo
Dimensions (Ø x H)	mm	52 x 117		
Rated voltage (primary, secondary)		220 - 240 V / 50/60 Hz, 0 - 12 V / 700 mA / DC		0 - 12 V / 700 mA / DC
Power consumption of the light fixture	W	3		
Energy efficiency class light fixture ¹⁾		A++		
Weighted energy consumption per light fixture kWh/1000h		3		
Guarantee (+ request guarantee) ^{19,97}	Years	3 + 2		
Luminous flux	lm	180		
Item no. (GB-Version)		-		
Item no.		50507	50508	50509

LUNAQUA POWER LED

Small and compact with high luminosity



- Small, compact spotlight with robust underwater connection technology
- A lot of light and significant energy savings: it is one of the brightest LED spotlights in our pond illumination product range
- Only 5.8 W power consumption, yet as bright as a 50 W light bulb
- Included in the scope of delivery: 1 or 3 lights, each with 5 m cable, LED driver with connection possibility for 4 light fixtures as well as 1 or 3 ground stakes
- Easy extension of up to 4 lights per set through the separately available LunaAqua Power LED W

	LunaAqua Power LED Set 1	LunaAqua Power LED Set 3	LunaAqua Power LED W	LunaAqua Power LED cable 10.0 m
Dimensions (Ø x H)	80 x 117			-
Rated voltage (primary, secondary)	230V / 50 Hz, 0-24V / 350 mA / DC			0-24 V / 350 mA / DC / 700 mA / DC
Power consumption of the light fixture	5.8			-
Energy efficiency class light fixture ¹⁾	A++			-
Weighted energy consumption per light fixture kWh/1000h	7			-
Guarantee (+ request guarantee) ^{2) 97}	Years			2 + 1
Luminous flux	lm			-
Item no. (GB-Version)	-			-
Item no.	42633	42634	42635	42636

PROFILUX GARDEN LED RGB

*Simple and economical:
Design a colourful sea
of LED light via app*



- Compact & clever: robust IP 68 spotlight with patented OASE underwater connection technology
- Spotlights, controller and cable are suitable for permanent underwater use to a depth of 4 m (protection class IP 68, however standard regulations do not allow underwater use of the controller in swim ponds)
- Can be flexibly extended with up to 4 light fixtures per controller
- Included in the scope of delivery: 1 spotlight with 5 m cable and 1 ground stake
- Accessories additionally required: Profilux Garden LED controller, connecting cable EGC, InScenio FM-Master EGC
- 7.5 m extension cable available as an accessory (max. 1 x per strand and light fixture)

	Profilux Garden LED RGB	Profilux Garden LED controller	Profilux Garden LED cable 7.5 m
Dimensions (Ø x H)	80 x 117	210 x 109 x 69	-
Rated voltage (primary, secondary)	24 V / DC	230V / 50 Hz, 24V / DC	24 V / DC
Power consumption of the light fixture	W	6 (light)	30
Energy efficiency class light fixture ¹⁾	A	-	-
Weighted energy consumption per light fixture kWh/1000h	7	-	-
Light flux all on	lm	213	-
Guarantee (+ request guarantee) ^{2) 97}	Years	2 + 1	
Item no. (GB-Version)	-	-	-
Item no.	42638	42639	42640

LUNAQUA POWER LED XL

The new powerful unit for natural light



- With 4 selectable beam angles (Narrow Spot, Spot, Flood, Wide Flood) for each individual lighting situation
- Two different colour temperatures for additional design freedom: For example 3,000 kelvin lets autumn colours or blossoming plants really shine; 4,000 kelvin is more effective with green tones (hedges, reeds, fir trees, etc.)
- Excellent thermal management and high quality assure LED power for over 50,000 light hours
- Safe operation of the spotlights through 24 V DC low voltage, also in swim ponds
- Spotlights, drivers and cable suitable for underwater use to a depth of 4 m (protection class IP 68, however standard regulations do not allow underwater use of the driver in swim ponds)
- Included in the scope of delivery: 1 spotlight with 5 m cable and 1 ground stake
- Accessories additionally required: LunAqua Power LED driver with connection for up to 4 spotlights: 2 x LunAqua Power LED XL or 1 x LunAqua Power LED XL and 2 x LunAqua Power LED or 4 x LunAqua Power LED

		LunAqua Power LED XL 3000 Narrow Spot	LunAqua Power LED XL 3000 Spot	LunAqua Power LED XL 3000 Flood	LunAqua Power LED XL 3000 Wide Flood	LunAqua Power LED XL 4000 Narrow Spot	LunAqua Power LED XL 4000 Spot	LunAqua Power LED XL 4000 Flood	LunAqua Power LED XL 4000 Wide Flood
Dimensions (L x W x H)	mm	145 x 160 x 182							
Rated voltage		24 V DC							
Power consumption of the light fixture	W	15							
Energy efficiency class light fixture ¹⁾		A+							
Weighted energy consumption per light fixture kWh/1000h		17							
Protection class		IP 68							
Cable length 24 V device	m	5.00							
Guarantee (+ request guarantee) ^{2) 97}	Years	2 + 1							
Connection EGC		No							
Illuminant type		LED							
Number of individual LEDs	ST	8							
Light flux	lm	1250				1350			
Light colour		Warm-white				Neutral-white			
Colour temperature	K	3000				4000			
Beam angle		10 Degrees	15 Degrees	30 Degrees	45 Degrees	10 Degrees	15 Degrees	30 Degrees	45 Degrees
Item no. (GB-Version)		-							
Item no.		51968	57763	57762	57764	51970	51971	51969	51978

INSCENIO EGC CONTROLLER HOME / CLOUD

*Controls OASE EGC
technology via app*



Schematic diagram: InScenio EGC Controller networked with router and EGC-capable OASE devices

- Innovative controller for networking the OASE EGC devices, can be controlled via WiFi with tablet or smart phone (iOS or Android)
- Simply download the app (from the AppleStore or via Google Play), connect EGC devices and get started
- Up to 10 EGC-capable OASE devices (pumps, filters, light) can be connected and controlled
- All-season outdoor use thanks to splash-proof housing
- With flexible fastening material for fixing on a ground stake or for wall installation (included in the scope of delivery)

InScenio EGC Controller Cloud

- Globally accessible free-of-charge via the OASE Cloud



Extras

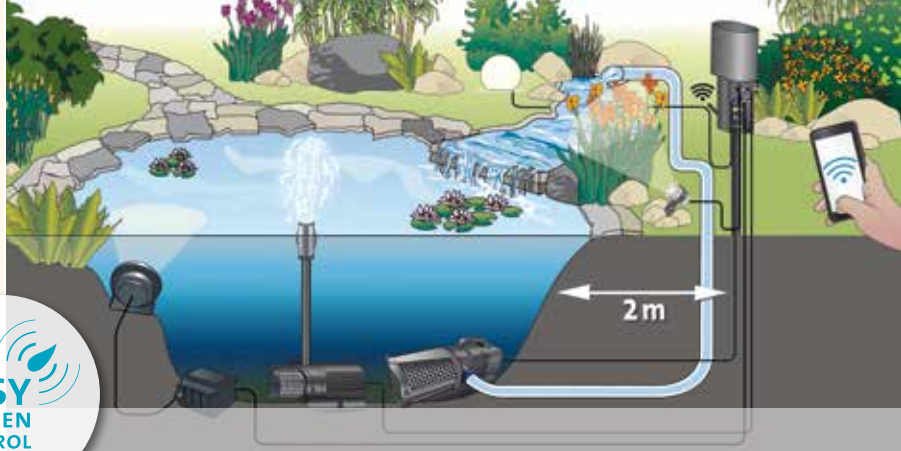
Recommendation

The OASE InScenio app is programmed for mobile end devices from iOS and Android. As soon as updates are available there is an automatic notification for the free download. To ensure the best possible range of the WiFi connection (2.4 GHz) from the device or router, make sure there is an unobstructed view between the smart phone / tablet and the EGC controller. Greater distances can be achieved through off-the-shelf repeaters.

		InScenio EGC Controller Home	InScenio EGC Controller Cloud
Dimensions (L x W x H)	mm	130 x 90 x 40	
Rated voltage		230 V / 50 Hz	
Power consumption	W	4	
Power cable length	m	2.00	
Guarantee (+ request guarantee) * P.97	Years	2 + 1	
WiFi range (2.4 GHz) max.	m	80.00	
Connection EGC		Yes	
Network suitability		Router	Router / Cloud
WiFi hotspot		Yes	
Item no. (GB-Version)		-	
Item no.		55316	55317

INSCENIO FM-MASTER EGC HOME/CLOUD

*App in the garden – at last,
control your technology
via WiFi!*



- InScenio FM-Master WiFi - now under a new name
- Innovative highlight of the OASE InScenio Power Management family, controllable via WiFi on tablets or Smartphones (iOS or Android)
- Simply download the app (from the Apple Store or via Google Play) and get started
- With 4 power outlets: 3 can be switched on and off, and the 4th is dimmable
- Each power outlet can be controlled over 24 hours with integrated timer
- With additional EGC connection for connecting to EGC-compatible OASE end devices
- In addition, up to 10 remote-controlled or EGC OASE devices can be integrated and controlled via the app
- All-year round use with spray water resistant power outlets
- Ground stake guarantees secure anchoring in the ground

InScenio FM-Master EGC Cloud

- Globally accessible free-of-charge via the OASE Cloud
- Can be easily networked with the new OASE Cloud. Thus you can control and monitor the connected devices when you are on the go



Extras



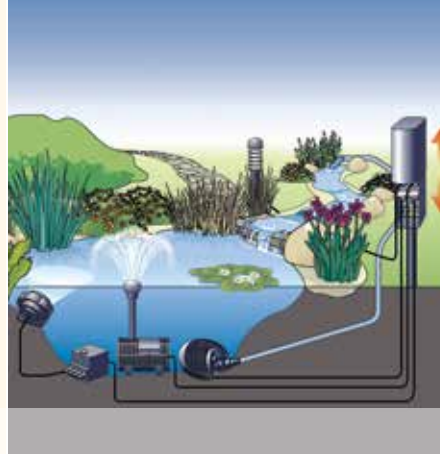
WiFi connection technology

At last, you can easily, conveniently, and quickly read out and regulate the capacity information of your garden devices. And you can do it with a range of up to 80 m (with unobstructed signal transmission).

		NEW	NEW
		InScenio FM-Master EGC Home	InScenio FM-Master EGC Cloud
Dimensions (L x W x H)	mm	215 x 155 x 295	
Rated voltage		220 - 240 V / 50 Hz	
Max. total load power	W	3600	
Max. total load current	A	16.0	
Guarantee (+ request guarantee) * P. 97	Years	2 + 1	
Radio range (433 MHz) max.	m	80.00	
WiFi range (2.4 GHz) max.	m	80.00	
Connection EGC		Yes	
Network suitability		Router	Router / Cloud
WiFi hotspot		Yes	
Timer		Yes	
Power outlets On/Off max. 2000 W		3 x 220 - 240 V	
Power outlets, dimmable		1 x max. 40 - 320 W	
Item no. (GB-Version)		70786	70789
Item no.		70785	70788

INSCENIO

*Flexible & decorative
power management*



- Clever power connection system for the complete garden
- Extremely easy and flexible installation no digging whatsoever
- Retroactive extension is conveniently possible at any time
- Year round use thanks to splashproof and strain relieved power outlets
- Ground stake guarantees secure anchoring in the ground

Cover in sandstone-effect



Splash guard



Main module









Remote control



From InScenio FM-Master 1

- Remote control range of the FM-Master to max. 80 m if there is no transmission interference

From InScenio FM-Master 1 <ul style="list-style-type: none">Remote control range of the FM-Master to max. 80 m if there is no transmission interference							
	InScenio Dimmer	InScenio 230	InScenio FM-Master 1	InScenio FM-Master 2	InScenio FM-Master 3	InScenio FM-Profimaster	
Dimensions (L x W x H)	mm	80 x 60 x 130	215 x 155 x 295				
Rated voltage		220 - 240 V / 50 Hz					
Max. total load power	W	300	3600				
Max. total load current	A	1.3	16.0				
Guarantee ^{* P. 97}	Years	2					3
Power outlets, permanent		-	4 x 230 V	2 x 220 - 240 V	1 x 220 - 240 V		-
Power outlets On/Off max. 2000 W		-		2 x 220 - 240 V	3 x 220 - 240 V	2 x 220 - 240 V	
Power outlets, dimmable		1 x max. 30 - 300 W	-			1 x max. 40 - 320 W	1 x max. 1250 W*
Item no. (GB-Version)		Not available in GB				56473	Not available in GB
Item no.		51160	55433	54978	36310	36311	56886

*Max. 1 pump connection

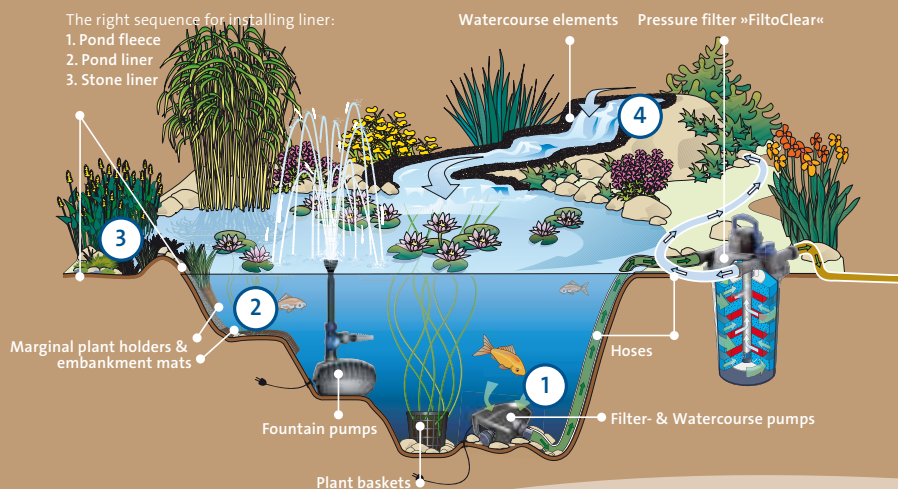




POND CONSTRUCTION & LANDSCAPING

Pond construction

- 80 »Pond planning & implementation«
- 81 Creating a garden pond
- 83 Fleece & liners
- 84 Preformed ponds PE
- 85 Preformed ponds Stonecor
- 86 Pond planting accessories
- 87 Water spouts & pond figures
- 88 Pond Edge System
- 89 Watercourse elements Nature
- 90 Waterfall /XL
- 91 Waterfall Kit
- 92 Decoration products
- 93 Water reservoirs



- 1 DEEP WATER ZONE**
This is where the filter and watercourse pumps, or possibly pond drains are implemented.
- 2 MARGINAL SHELF ZONE**
Offers space for plants and microorganisms and makes an important contribution to nutrient reduction in the pond. It is approx. 30 - 40 cm deep and should be laid out as wide as possible.
- 3 MARSH ZONE**
Ideal for lush embankment plants.
- 4 WATERCOURSES (OPTIONAL)**
When selecting the location for the watercourse, pay attention to different dam levels, dam depths, as well as the overflows that are as large as possible, so that additional movement and oxygen comes into the pond.

Pond planning & implementation: Plan correctly, right from the start

To make your garden dream a reality it needs to start with proper planning. A few ground rules must be complied with to ensure long term enjoyment of your very own garden pond!

Important factors

Pond type: Garden ponds with fish should be constructed close to the terrace or patio for observation. If you prefer a natural pond to encourage wildlife, then use the space in your garden to your advantage. Fountains and architectural ponds can be integrated into the design of any garden.

Sunlight exposure: Four to six hours of direct sunlight per day are ideal for a pond. Extended deep water zones help prevent excessive warming of the water and algae formation in areas exposed to a lot of sunlight.

Trees and shrubbery: Deciduous trees and conifers, as well as plants that develop strong roots, should be far enough

away from the pond. Root barriers offer containment possibilities for plants, such as bamboo, that develop strong, penetrating roots.

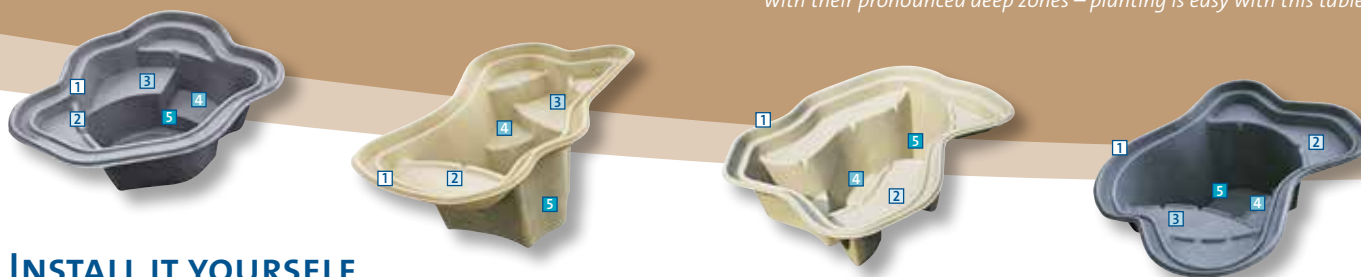
Minimum water depth: In winter to prevent the pond from completely freezing solid, OASE recommends a minimum water depth of 80 cm.

Power and water connections: Proximity of the pond to power and water connections can facilitate operation and control of the devices in and on the pond.

Hose diameter: When selecting hoses select a diameter that is as large as possible to avoid excessive friction losses.

The right pond technology: In addition to selecting the right combination of pump, filter, and UVC clarifier, the position of the pump in the pond also plays a role. A filter pump should be placed as deep as possible so that it can displace pond floor sediment. Fountain pumps are positioned closer to the surface for reduced maintenance.

PLANT TABLE

[illegible]

INSTALL IT YOURSELF

Easy step-by-step!



1. Location

The ideal pond location is away from deciduous trees and conifers and has approximately 4 - 6 hours of sunlight daily.



2. Tools

For installation, you require:
Spade, shovel, filler sand, level,
yardstick, and a garden hose
with water connection.



3. Marking

First, position the preformed pond in the desired location, then mark the contours with sand.



4. Deep zones

The different deep zones are also marked with sand incrementally.



5. Excavation

Generously dig out the specific zones of the garden pond.



6. First test

Then insert the preformed pond to see how it fits.



7. Fill-in

Adjust the different excavated levels with filler sand to compensate unevenness.



8. Levelling

The floor and the pool are levelled out in length and width. Then the pool is filled with water to approximately $\frac{1}{3}$.



9. Backfilling

All around the perimeter, wet sand is backfilled under the edge of the preformed pond to fill any cavities.



10. Filling and compensating

In the final step, the area around the preformed pond is adapted to the preformed pond with sand, soil, gravel, etc.



11. Edge area decor

Now you can start planting and designing the pond. Ensure that you completely fill the perimeter bank zone with gravel.



That's it!

In just a short time, your own pond is ready!

EASY POND CONSTRUCTION

Step-by-step with products from OASE



1. Location

The right location for the garden pond should be half shaded; 4-6 hours of sunlight per day are ideal.



2. Pond contours

First, mark out the pond contour with sand. The different deep zones should also be marked with sand.



3. Deep zones & pond edge

Form deep zones with filler sand. Then you can install the OASE pond edge system.



4. Determine the dimensions of liner and fleece

Then use a cord to measure the necessary length of the fleece and the pond liner.



5. Fleece

After excavation, first clad the hole with fleece, to protect against root and rock penetration.



6. Liner and stone liner

Then carefully lay out the liner. Stone liner is particularly well suited for a natural-look edge area.



7. Planting on level areas

Coconut mats are laid out for planting level areas. They provide an optimal opportunity for plants to take root.



8. Planting on steep areas

Steeper sections are planted using marginal plant holders. Use large rocks to first weigh down the plant holders so that you can insert the plants.



9. Pond technology

Carefully read the instructions for installing the OASE pond technology (pumps, filters, lights) and follow these instructions precisely.



10. Gravel and water

After the gravel, water is introduced into the pond: first fill it half full, and then after the liner has completely settled, fill the pond completely.



11. Illumination

For atmospheric ambiance, in the evening hours we recommend considering the appropriate lighting from the outset.



12. That's it!

The result is something to be proud of. Living water landscapes with pond construction materials from OASE.

Extras

Calculation aid

How much liner is required for a pond? There are two formulas for calculating liner requirements:

$\text{Length} + 2 \times \text{depth (at the deepest point of the excavation)} + 2 \times 50 \text{ cm} = \text{length of the liner}$

$\text{Width} + 2 \times \text{depth (at the deepest point of the excavation)} + 2 \times 50 \text{ cm} = \text{width of the liner}$

Recommendation

The pond liner can be damaged by strong root development, such as occurs with bamboo. Consequently ensure that strong rooting plants are always planted in the pond with root protection liner and root barrier. We recommend coordinating your planting ideas with your plant supplier beforehand.

FLEECE & LINER

Liner types and areas of implementation

Choosing Pond Liner

Constructing a pond with liner offers an infinite variety of design possibilities. The larger the pond or the more stress to which the pond is subjected, the thicker the liner should be. Single liner strips from the roll can be quickly and easily connected together with the appropriate OASE accessory.

They are available in different versions:

Pond liner

- **OaseFol** rubber liner is stretchy, robust, flexible and easy to work with. The eco-friendly EPDM sheeting is UV and ozone resistant. We provide a 20-year guarantee*^{P.97} on our OaseFol and EuroFol EPDM pond liner.
- **AlfaFol** is a single-ply PVC liner; it is available in two thicknesses and colours. It is characterised by an outstanding price / performance ratio; minor damage, e.g. from garden tools, can be quickly and easily repaired. We provide a 15-year guarantee*^{P.97} on our AlfaFol PVC pond liner.

Swim pond liners

- **SwimFol** is extremely tough and ideally suited for implementation in swim ponds.

Decorative liner

- **Stone liner** is a robust decorative liner with fleece coating that can be quickly and easily applied to the pond liner with PVC liner adhesive or UniFix+.

The pond fleece: The optimum protection for the pond liner

We strongly recommend that you use pond fleece when building your pond. It protects the liner against damage from sharp stones and roots (note: except with bamboo and aggressive plant roots. It is essential to use a rhizome barrier).

In the border areas or in particularly harsh ground, it is recommended that the fleece is used. OASE offers three different fabric thicknesses: 200 g/m², 400 g/m² and 500 g/m². The latter is for particularly high use pond liners, such as in swimming pools.

Extras

We strongly recommend using a pond fleece to protect against stones and roots.



Protective pond fleece
200 g/m² / 2 x 5 m
Item no. 43334

Accessories

PVC-Liner repair kit

- High-performance underwater adhesive
 - Fish and plant compatible
- Item no. 50843



UniFix+ 290 ml cartridge

- High-performance universal adhesive
 - Even bonds underwater
- Item no. 57148



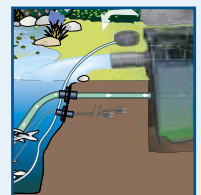
PVC liner adhesive

- High-performance universal adhesive for a wide variety of liners and substrates
 - 250 ml can for 1 m² area
 - 1000 ml can for 4 m² area
- Item no. 36861 (250 ml can)
Item no. 36862 (1000 ml can)

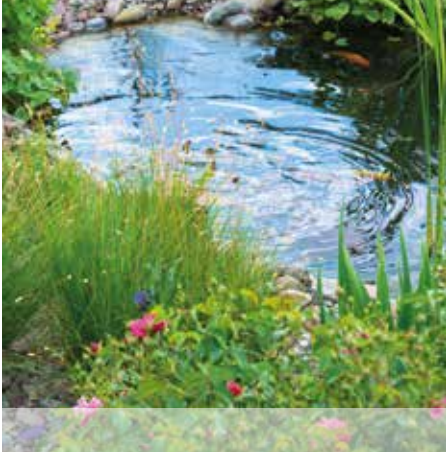







Wall and liner transition Tradux





- Connections, inlet:
19/25/32/38/50 mm,
¾", 1", 1¼", 1½", 2"
 - Cable cross section: 3.00–9.00 mm²
 - Suitable for pond liner, PE pools, or GRP preformed ponds
 - Safe and clean
- Item no. 57154



PREFORMED PONDS PE



						
		Preformed pond PE 150	Preformed pond PE 250	Preformed pond PE 500	Preformed pond PE 750	Preformed pond PE 1000
Dimensions (L x W x H)	m	1.20 x 0.80 x 0.45	1.35 x 0.92 x 0.54	1.78 x 1.26 x 0.56	2.10 x 1.40 x 0.60	2.40 x 1.40 x 0.62
Net weight	kg	2.50	3.50	8.50	17.10	19.00
Guarantee ^{* P. 97}	Years	15				
Description	<ul style="list-style-type: none">• Preformed plastic ponds for pond sizes up to 1 m³• Fast and easy planting because marginal zones and plant zones are already integrated in the preformed pond• Easy installation of pumps					
Item no. (GB-Version)	–					
Item no.		36790	36767	36768	36769	36770

					
		Preformed pond PE 380 x 780 x 450 mm	Preformed pond PE 750 x 750 x 450 mm	Preformed pond PE 1150 x 750 x 450 mm	Preformed pond PE 1150 x 1550 x 450 mm
Dimensions (L x W x H)	kg	0.78 x 0.38 x 0.45	0.75 x 0.75 x 0.45	1.15 x 0.75 x 0.45	1.15 x 1.55 x 0.45
Net weight	kg	2.00	4.50	7.00	14.00
Guarantee * P. 97	Years	15			
Volume in litres	l	80	180	280	600
Description	<ul style="list-style-type: none">• Robust HDPE ponds• High strength walls• Installation only recessed in the ground. For above ground installation a stabilising frame must be used. <ul style="list-style-type: none">• Modern, rectangular design• Stable edge (45 cm high)				
Item no. (GB-Version)	—				
Item no.		50758	50759	50760	50761

PREFORMED PONDS STONECOR

Blends in so naturally



- Ultra strong material. Durable, abrasion resistant, impact resistant, as well as weather resistant; made of linear high pressure polyethylene LLD-PE
- Grained surface offers ideal conditions for settlement of pond biology
- Natural materials used in your garden
- Unique design - based on the most beautiful lakes in the world
- High inherent stability
- Uniform density of material in the entire preformed pond
- Frost proof
- Environmentally friendly
- 100 % recyclable
- 15 year guarantee^{*P.97}

The deep zones		
	Small pond T 60–93 cm	Large pond T 100–110 cm
1	10 cm	12 cm
2	20 cm	25 cm
3	35 cm	35 cm
4	60 cm	80 cm
5	83 cm	110 cm

		Preformed pond Aral Sea sand	Preformed pond Aral Sea basalt	Preformed pond Lake Constance sand	Preformed pond Lake Constance basalt	Preformed pond Chiemsee sand	Preformed pond Chiemsee basalt	Preformed pond Titicaca sand	Preformed pond Titicaca basalt
Dimensions (L x W x H)	m	2.30 x 1.83 x 0.87		2.82 x 1.72 x 0.96		2.70 x 2.17 x 1.17		3.04 x 2.30 x 1.17	
Net weight	kg	68.00		86.00		115.00		144.00	
Guarantee ^{* P. 97}	Years	15							
Volume in litres	l	1000		1300		2000		2500	
Colour		Sand	Basalt	Sand	Basalt	Sand	Basalt	Sand	Basalt
Item no. (GB-Version)		—							
Item no.		36994	36995	36998	36999	37002	37003	36988	36989



PLANT BASKETS

Rot resistant plant baskets made of robust plastic

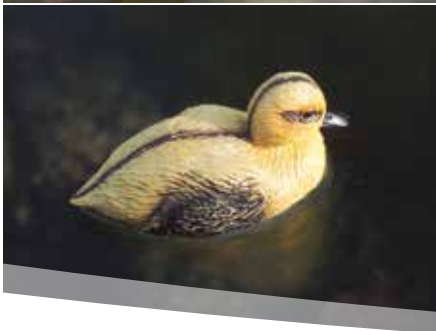
- Plant basket round 13 (L x W x H): 13 x 13 x 10 cm
Item no.: 52630
- Plant basket round 22 (L x W x H): 22 x 22 x 12 cm
Item no.: 52632
- Plant basket water lilies, round 40 (L x W x H): 40 x 40 x 28 cm
Item no.: 54318
- Plant basket rectangular 11 (L x W x H): 11 x 11 x 11 cm
Item no.: 53754
- Plant basket rectangular 19 (L x W x H): 19 x 19 x 9 cm
Item no.: 52631
- Plant basket rectangular 23 (L x W x H): 23 x 23 x 13 cm
Item no.: 52633
- Plant basket rectangular 28 (L x W x H): 28 x 28 x 18 cm
Item no.: 53755
- Plant basket rectangular 35 (L x W x H): 35 x 35 x 26 cm
Item no.: 54313
- Plant basket oval 45 (L x W x H): 45 x 18 x 15 cm
Item no.: 53756



PLANT BASKETS TEXTILE

Rot resistant plant baskets made of robust textile

- Plant basket, textile round 15 (L x W x H): 15 x 15 x 15 cm
Item no.: 51189
- Plant basket, textile round 25 (L x W x H): 25 x 25 x 25 cm
Item no.: 51190
- Plant basket, textile rectangular 18 (L x W x H): 18 x 18 x 18 cm
Item no.: 51191
- Plant basket, textile rectangular 25 (L x W x H): 25 x 25 x 20 cm
Item no.: 51201
- Plant basket, textile rectangular 30 (L x W x H): 30 x 30 x 30 cm
Item no.: 51203



POND FIGURES

Lifelike addition to the pond landscape

The heron model is an effective protection against raiding herons.

- Heron (L x W x H): 500 x 170 x 760 mm
Item no.: 36868
- Duckling (L x W x H): 130 x 70 x 75 mm
Item no.: 36863
- Mallard duck drake (L x W x H): 400 x 150 x 170 mm
Item no.: 36864
- Mallard duck female (L x W x H): 400 x 150 x 170 mm
Item no.: 36865
- Teal drake (L x W x H): 260 x 115 x 105 mm
Item no.: 36866
- Teal female (L x W x H): 260 x 115 x 105 mm
Item no.: 36867

Extras

Accessories



EMBANKMENT MATS

Coconut embankment mats

- On the roll
- Mesh width: 20 x 20 mm
- Dimensions (L x W): 20 x 1 m

Item no.: 53762



MARGINAL PLANT HOLDERS

Marginal plant holders jute




- Incl. 4 fastening hooks
- Jute mesh with plastic fabric
- Dimensions (L x W): 60 x 100 cm
- Plant holder dimensions: 20 x 50 cm

Item no.: 36296

POND EDGE & FLOWER BED ENCLOSURE / ACCESSORIES POND HELPERS



		PondEdge pond rim 14 cm, 25 m	PondEdge pond rim 19 cm, 25 m	PondEdge 10 ground spikes	PondEdge 10 ground spikes XL
Dimensions (L x W x H)	mm	25000 x 140 x 7	25000 x 190 x 7	380 x 31 x 31	580 x 31 x 31
Colour		Grey			
Net weight	kg	24.00	32.00	3.50	5.60
Guarantee ⁹⁷	Years	2			
Description		<ul style="list-style-type: none"> Pond edge serves as capillary barrier Solid material ground stakes are torsion-resistant and can also be easily installed in firm ground Specifies the subsequent maximum water level in the pond Gives the pond a harmonious shape Consists of non-rotting recycled material and has a long service life <ul style="list-style-type: none"> Stick a ground stake in the ground every 50 cm and fasten the pond edge with threaded unions or use a staple gun Easy installation and fast assembly Also ideally suited as lawn edging, bed enclosure or terrace delimitation. 			
Item no. (GB-Version)		—			
Item no.		57751	57752	57753	57754

			
	Spare scissor head FlexiCut 2 in 1	Spare net Profi Fish net	Spare net Profi Pond net
Dimensions (L x W x H)	cm	12 x 5 x 2	
Item no.	51272	50956	50961

WATERCOURSE ELEMENTS — NATURE

Near natural and variable







- Elements are fitted with 32 mm (1 ¼") thread, plug, and stepped hose adapter
- Natural sandstone look
- Each element can be used as a spring
- Can be used modularly
- When adding several straight water course elements in a row, a slight bend can occur

Extras

Recommendation

Watercourse elements are outstanding for enabling the creation of a flowing body of water with a natural effect in the garden. Each element can be used as source. Simply drill through at the right point - that's it!

					
		Watercourse element sand spring	Watercourse element sand straight	Watercourse element sand left curve	Watercourse element sand right curve
Dimensions (L x W x H)	mm	600 x 470 x 180	750 x 470 x 180	750 x 500 x 180	
Net weight	kg	1.74	3.22	3.14	3.11
Guarantee ^{*p97}	Years	2			
Max. flow rate	l/h	1500			
Item no. (GB-Version)		-			
Item no.		50416	50413	50414	50415

WATERFALL / XL

Attractive waterfalls
of stainless steel



START



- Individual design through 3 different widths: 30 cm, 60 cm or 90 cm
- Included in the scope of delivery: each with threaded opening on the rear and underside, as well as a stepped hose adapter (19, 25, 32, 38 mm) and an extra-flat plug
- Ensures a uniform water pattern and a precisely flowing waterfall
- Compact and robust waterfall of high quality stainless steel 1.4401 (V4A)
- Easy installation as permanent built in unit or bolted onto the wall

Waterfall XL

- The 60 mm longer outflow is ideal for installation on walls

The correct selection of the pump with the matching water flow rate is particularly important for a uniform waterfall. Speak with your OASE dealer, they would be happy to advise you.

Waterfall height (water edge)	Waterfall					
	30	XL 30	60	XL 60	90	XL 90
0.80 – 1.00 m	AquaMax Eco Aquarius Universal Premium 3500 – 4000		AquaMax Eco Aquarius Universal Premium 4000 – 6500		AquaMax Eco Aquarius Universal Premium 4000 – 8000	
0.40 – 0.60 m	AquaMax Eco Aquarius Universal Premium 2500 – 3000		AquaMax Eco Aquarius Universal Premium 3500 – 4000		AquaMax Eco Aquarius Universal Premium 4000 – 6000	
0.20 m	AquaMax Eco Aquarius Universal Premium 2500 – 3000		AquaMax Eco Aquarius Universal Premium 3500 – 4000		AquaMax Eco Aquarius Universal Premium 4000 – 6000	

You will find the AquaMax Eco pumps starting on page 14

Tip!

For long-term satisfaction with the waterfall, clean the stainless steel surface regularly, so that calcium deposits and dirt do not adhere.

*P. 97 Details on the type and scope of the guarantee

		Waterfall							
		30	60	90	XL 30	XL 60	XL 90		
Dimensions (L x W x H)	mm	140x300x100	140x600x100	140x900x100	200x300x100	200x600x100	200x900x100		
Net weight	kg	1.60	2.60	6.00	2.00	3.10	6.60		
Guarantee ^{TP. 97}	Years	2							
Connection sunctions-side	mm (inch)	25 (1")		32 (1 ¼")		25 (1")		32 (1 ¼")	
Item no. (GB-Version)		-							
Item no.		50704	50585	50706	70771	70772	70773		

Extras



Recommendation

With the waterfall illumination, it's easy to install pleasant and warm light to your waterfall.

Accessories

- Waterfall Illumination 30*[†] Item no. 51205
- Waterfall Illumination 60*[†] Item no. 51209
- Waterfall Illumination 90*[†] Item no. 51980

NEW

LED waterfall lighting – for stylish light accents in the evening.



*† Additional instructions concerning the energy efficiency classes are provided on page 96

WATERFALL KIT

Waterfall kit in modern stainless steel design



START



- Waterfall stand in 30 cm or 60 cm width
- Compact and robust waterfall with a substructure of high quality stainless steel 1.4401 (V4A), available in 2 widths
- Easy installation on a solid substrate (e.g. a concrete slab) for use in a shallow water zone or on the pond edge, thanks to lateral fastening lugs
- It is also possible to install with a combination of water reservoir and suitable cover. Simply bolt it onto the reservoir and decorate it with pebbles – that's it!
- Easy maintenance thanks to the removable rear panel
- Included in the scope of delivery: a threaded opening on the underside, stepped hose adapter (19, 25, 32, 38 mm) and plug, as well as a 3 m hose with stainless steel fastening clamp
- Optional waterfall illumination can be easily installed thanks to the clever integrated light feedthrough

		NEW	NEW
		Waterfall Kit 30	Waterfall Kit 60
Dimensions (L x W x H)	mm	145 x 305 x 600	145 x 605 x 600
Net weight	kg	6.00	12.00
Guarantee ^{TP 97}	Years	2	
Connection sunctions-side	mm (inch)	25 (1")	
Item no. (GB-Version)		–	
Item no.		70774	70775

THIS IS HOW EASY IT IS:

Setup example of a Waterfall Kit 30



First provide an even and firm surface – a solid base, e.g. of concrete, that serves as the pedestal.



The Waterfall 30 is then placed on this straight slab: To do this simply fasten the two side fastening lugs with stainless steel screws.



For a perfectly aligned fountain, ensure that it is setup horizontally. Use a spirit level for this.



Now connect pump and hose. Then open the rear wall and fasten the hose. The hose is then routed out at the rear opening, and the pump is lowered into the water. That's it!

DECORATIVE ROCK COVERS

Splash guard in natural stone look

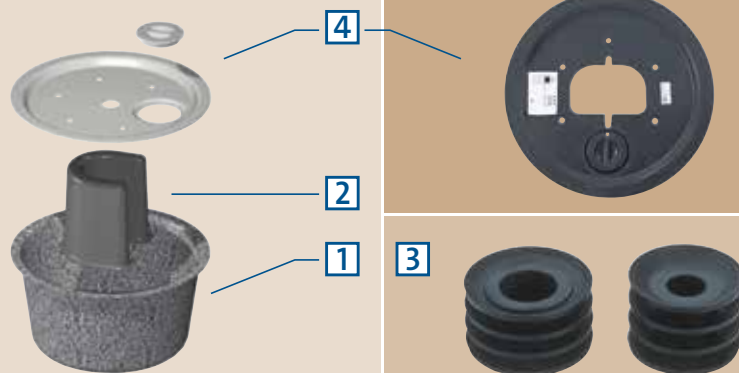


- Made of weather resistant, robust material
- Custom tailored for the OASE products
FiltroMatic CWS, BioPress, FiltroClear, as well
as InScenio FM-Master
- Natural sandstone look that can be integrated
in the pond landscape
- Suitable for the sand coloured watercourse shells
(page 89)



		FiltoMatic Cap CWS L	FiltoMatic Cap CWS XL	FiltoCap sand	InScenio Rock sand
Dimensions (L x W x H)	mm	450 x 450 x 300	450 x 650 x 300	570 x 570 x 320	300 x 300 x 400
Net weight	kg	4.60	5.26	4.16	2.30
Guarantee * P. 97	Years	2			
For covering		FiltoMatic 7000, FiltoMatic 14000	FiltoMatic 25000	FiltoClear 3000 - 30000 (all sizes)	AquaOxy 4800, InScenio
Colour		Stone-grey		Sand	
Item no. (GB-Version)		–			
Item no.		50268	50269	50420	50417

WATER RESERVOIRS



4		Water reservoir cover					Description
		AWR-T 60	WR-T 80	WR-T 100	WR-T 125	Trio / Quintet	
Suitable for water reservoir		WR 60	WR 80	WR 100	WR 125	WR 100	<ul style="list-style-type: none">• GRP• Load optimised composite of both pool components• Centred openings for hose passage• A groove has been incorporated for proper cable routing• 10 year guarantee^{*,97}• From WR-T 80: Service opening with cover
Service opening with cover		No	Yes				
Load capacity kg		300					
Colour		Stone-grey			Black		
Item no. (GB-Version)		—					
Item no.		37115	37116	37117	37118	50327	

3		Sealing sleeve TT ½"	Sealing sleeve TT ¾"	Description
Dimensions (Ø x H)	mm	40 x 38	45 x 39	<ul style="list-style-type: none">• Prevent escaping water from flowing back into the bore of bubbling stones• Made of EDPM (rubber)• Silicone sealing is not necessary• Simply fitted over the hose
Connection for hoses	mm	13	19	
Connection for hoses		½"	¾"	
For water column	m	6.00	9.00	
Item no.		37122	37123	

2		Support element U-base			Description
Dimensions	mm	365 x 385 x 360			<ul style="list-style-type: none">• GRP• Open form for simple handling of pump, water distributors and hoses• Can be used from WR 80
Load capacity	kg	700			
Item no. (GB-Version)		—			
Item no.		37234			

1		Water reservoir				Description
		WR 60	WR 80	WR 100	WR 125	
Dimensions (Ø x H)	mm	600 x 400	800 x 406	1000 x 406	1250 x 406	<ul style="list-style-type: none">• LLD-PE for bubbling stones and watercourses• Manufactured in a state of the art rotation process and satisfy the most rigorous requirements• Weather resistant against heat and frost• Resistant to roots• Distribution of edge load and material tensions• 10 year guarantee^{*,97}
Volume in litres	l	66	137	210	340	
Max. edge width	mm	80				
Item no.		37110	37111	37112	37113	



WORTH KNOWING

Additional information

- 95 Watercourse diagrams
- 96 OASE energy efficiency classes
- 97 OASE Guarantee
- 98 Friction losses

WATERCOURSE DIAGRAMS

Easy, if you know how: Which pump is right for your watercourse?

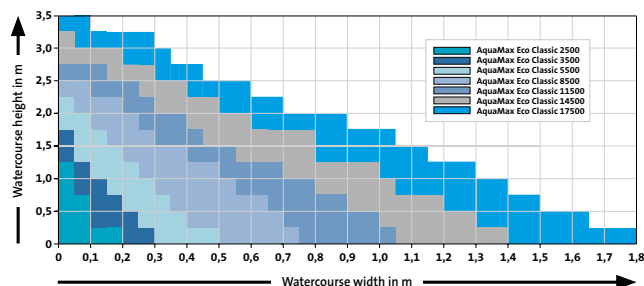
These diagrams serve as recommendations for selecting the right pump for your watercourse (average watercourse application). In this regard, approx. 5 m of

a 1½" hose are considered (with a pressure loss of approx. 0.15 head height).

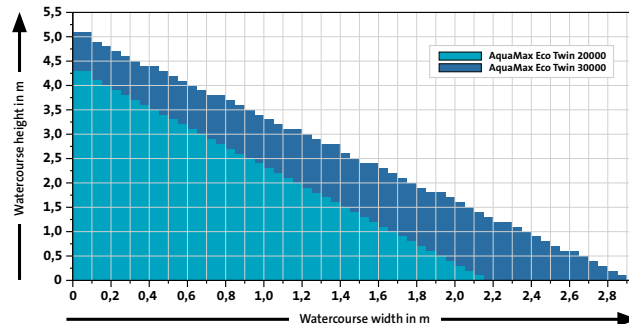
Here is a rule of thumb for determining the right pump for a watercourse:

Width watercourse in cm x 1.5 l/min. = capacity l/min.

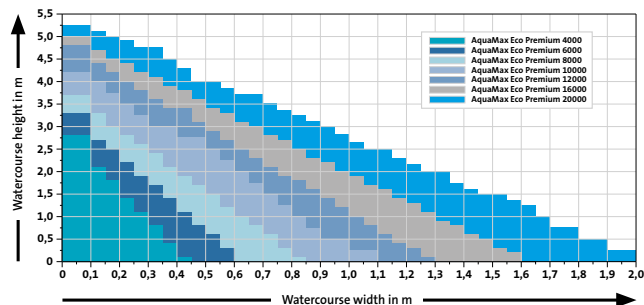
AquaMax Eco Classic (START) See page 14



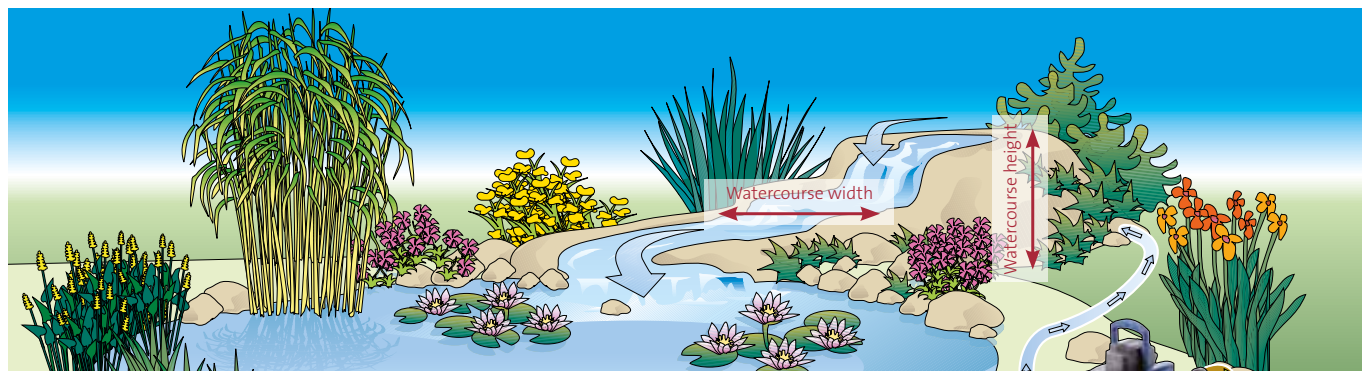
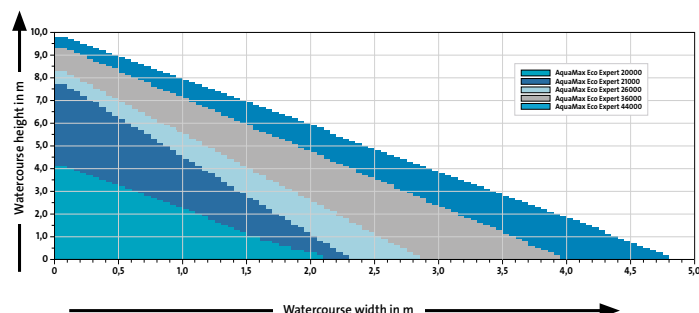
AquaMax Eco Twin (PRO) See page 16



AquaMax Eco Premium (PRO) See page 15



AquaMax Eco Expert (PRO) See page 17



Information on the energy efficiency classes of OASE spotlights

A++

A+

A

B

C

D

E

ENERGY EFFICIENCY CLASSES

The EU energy efficiency label provides information concerning the energy efficiency class of a light fixture, i.e. the ratio of light output to power consumption, as well as additional characteristics of the product. Power saving LED bulbs reach an energy efficiency class of A++ to A, efficient halogen bulbs must be assigned to classes B to C.

For your information, here we have presented the energy efficiency classes of the OASE illumination product range together with more detailed information in an overview.

Item no.	Product	Catalogue page	Energy efficiency class	This light fixture includes installed LED bulbs	The bulbs in the light fixture cannot be replaced	This light fixture includes installed LED bulbs and has mountings for bulbs of energy classes	The light fixture is sold with a bulb of energy class	Weighted energy consumption per light fixture
50214	Water Starlet	6	A	X	X			2
50240	Water Trio	6	A+	X	X			1
50187	Water Quintet	6	A	X	X			2
50191	WaterJet Lightning	7	A	X	X			3
50729	LunAqua Terra LED Set 6	70	A++	X	X			1
51043	LunAqua Terra LED Set 3	70	A++	X	X			1
51056	LunAqua Terra LED Solo	70	A++	X	X			1
50114	LunaLed 6s	70	A	X	X			1
50115	LunaLed 9s	70	A	X	X			1
50527	LunAqua Classic LED Set 1	71	A++	X		A++ to A	A++	2
50530	LunAqua Classic LED Set 3	71	A++	X		A++ to A	A++	2
57034	LunAqua 3 LED Set 1	71	A+	X		A++ to A	A+	4
57035	LunAqua 3 LED Set 3	71	A+	X		A++ to A	A+	4
50512	LunAqua Mini LED	72	A++	X	X			2
50513	LunAqua Mini LED warm	72	A++	X	X			2
50507	LunAqua Maxi LED Set 1	72	A++	X	X			3
50508	LunAqua Maxi LED Set 3	72	A++	X	X			3
50509	LunAqua Maxi LED Solo	72	A++	X	X			3
42633	LunAqua Power LED Set 1	73	A++	X		A++ to A	A++	7
42634	LunAqua Power LED Set 3	73	A++	X		A++ to A	A++	7
42635	LunAqua Power LED W	73	A++	X		A++ to A	A++	7
42638	ProfiLux Garden LED RGB	73	A	X	X			7
51968	LunAqua Power LED XL 3000 Narrow Spot	74	A+	X	X			17
57763	LunAqua Power LED XL Spot 3000	74	A+	X	X			17
57762	LunAqua Power LED XL 3000 Flood	74	A+	X	X			17
57764	LunAqua Power LED XL 3000 Wide Flood	74	A+	X	X			17
51970	LunAqua Power LED XL 4000 Narrow Spot	74	A+	X	X			17
51971	LunAqua Power LED XL 4000 Spot	74	A+	X	X			17
51969	LunAqua Power LED XL 4000 Flood	74	A+	X	X			17
51978	LunAqua Power LED XL 4000 Wide Flood	74	A+	X	X			17
51205	Waterfall Illumination 30	90	B	X	X			4
51209	Waterfall Illumination 60	90	B	X	X			7
51980	Waterfall Illumination 90	90	B	X	X			11

WARRANTIES

The OASE GmbH grants the consumer the following manufacturer's warranties subject to the conditions included in text form for the respective product and the duration of which is indicated for the product. This pertains to

- A basic warranty with a term of two or three years, indicated on the packaging and in the catalogue with



or



- An extended warranty subsequent to the basic warranty, upon request, indicated on the packaging and in the catalogue with



or



- A guarantee of clear water for three years on the filter system
- A lining guarantee of up to 20 years for the pond lining

The legal rights, to which the buyer is entitled, especially from the warranty granted to the buyer, are neither restricted nor precluded by these guarantees, nor are such rights established by virtue of these guarantees.



Extras

FRICTION LOSS IN PIPELINES AND HOSE LINES

To optimally exploit the capacities of the pump, select the largest hose diameter possible. Inadequate hose diameters or angled hose joints and flow-through obstructions through hose connections impact the flow-rate!

Flow rate (litre / min.)	Clear widths (mm / inch)	Pressure loss per running metre (m / water column)
15	13 mm – ½"	0.34 mWS
30		1.20 mWS
30	19 mm – ¾"	0.12 mWS
50		0.32 mWS
50	25 mm – 1"	0.08 mWS
75		0.19 mWS
100		0.34 mWS
100	32 mm – 1¼"	0.11 mWS
150		0.21 mWS
100	38 mm – 1½"	0.03 mWS
150		0.07 mWS
200		0.12 mWS
250		0.15 mWS
200	50 mm – 2"	0.04 mWS
250		0.06 mWS
300		0.08 mWS
350		0.10 mWS
400		0.14 mWS
450		0.17 mWS

Explanations:

All specified values for the fountain attachments are approximate values.

H = height in cm

Ø = diameter of the spray water in cm

Spray diameters and spray heights can vary through individual installation and different water qualities.

An overview of all icons and their meanings is provided on the Internet at: www.oase-livingwater.com

Note: Electrical connection points must be at least 2 m from the edge of the pond; they must be dry and secured with a max. 30 mA residual current protection circuit.

The products shown / offered are exclusively intended for the purpose described in each case. Catalogue depictions do not constitute a product description in the sense of characteristics that we are contractually obligated to provide. We expressly state that minor deviations of our products from the photographed products are not defects. With the publication of this catalogue, all older catalogue versions are invalid. Use of our image data is only permitted after obtaining our prior written consent, through OASE.

Our general terms and conditions apply, which you can view and download at www.oase-livingwater.com!









More information:
www.oase-livingwater.com

