

CATALOGUE 2014

*Oase*  
LIVING WATER

*»Your garden –  
Pure joy.«*



OASE – PASSIONATE ABOUT WATER.



»Lust for life –  
Enjoy your garden.«



Thomas Ferchland | Managing Director Customer Business

*Dear OASE customers,*

To make a dream come true it is best to trust those who know the most about it. Whether watercourses or waterfalls, enchantment with light or the dream of a large garden pond: In the area of designing with water we are the international leaders and demonstrate this through our abundance of ideas and our quality »Made in Germany«.

**Together with OASE discover the joy of a water garden.**

**Sincerely, Thomas Ferchland**

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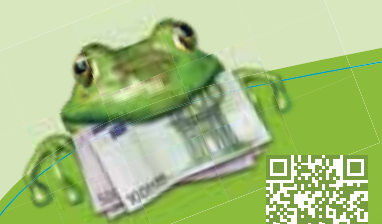
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**Eco offensive**

- Energy saving
- Money saving
- Protecting the environment



[www.oase-livingwater.com/eco](http://www.oase-livingwater.com/eco)



*»Water in its most beautiful form.«*



## FOUNTAINS: MOVING AND EASY TO IMPLEMENT

**Whether a gentle waterfall or a dynamic jet: Moving water fascinates just about everyone. There are many different possibilities for enriching your garden with fountains from OASE.**

Moving water creates a special ambiance that you will experience in your garden – OASE offers the right

fountain for every style, guaranteed. Even without a pond you can lend that certain something to your garden. Recessed in a gravel bed or in a decorative planter box, fountains on the terrace or the balcony set attractive accents. And if atmospheric lighting is added, summer evenings become unforgettable

# FOUNTAINS & FOUNTAIN PUMPS

## WATERFALL (Page 6)

### *Attractive waterfalls of stainless steel*

- Sophisticated and graceful waterfalls of high quality, non-rusting stainless steel
- Individual and easy installation possibilities in three widths
- Even and uniform water pattern to 1 m in height



**Modern design  
with individual  
elegance**

moments. Our Water Entertainment products are a special enhancement for your garden. Thanks to the »Plug'n Spray« principle, installation is fast so that there is more time for enjoyment. Experience all moving possibilities on the pages that follow.

## AQUARIUS UNIVERSAL (Page 12)

### *For waterfalls, bubbling stones & large decorative fountains*

- High performance, minimal space requirements
- Frost proof to  $-20^{\circ}\text{C}$
- Electronic flow rate adjustment (from Aquarius Universal 5000)



You will find the matching illumination for your bubbling stone on page 80.

# WATERFALL

Attractive waterfalls  
of stainless steel



START



- Sophisticated and graceful waterfalls of high quality, non-rusting stainless steel 1.4401 (V4A)
- Individual and easy installation possibilities in three widths (300 mm, 600 mm and 900 mm)
- Even and uniform water pattern to 1 m in height

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

		Waterfall 30	Waterfall 60	Waterfall 90
Dimensions (L x W x H)	mm	140 x 300 x 100	140 x 600 x 100	140 x 900 x 100
Net weight	kg	1.60	2.62	6.00
Guarantee* P.104	Years	2		
Connection suction-side	mm (inch)	25 (1")		32 (1¼")
Item no.		50704	50585	50706

## Tip!

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

## Extras

*The correct selection of the pump with the matching water flow rate is particularly important for a uniform waterfall.*

Waterfall height (water edge)	Waterfall 30	Waterfall 60	Waterfall 90
0.80–1.00 m	AquaMax Eco 3500–4000	AquaMax Eco 4000–6000	AquaMax Eco 4000–8000
0.40–0.60 m	AquaMax Eco 2500	AquaMax Eco 3500–4000	AquaMax Eco 4000–6000
0.20 m	AquaMax Eco 2500	AquaMax Eco 3500–4000	AquaMax Eco 4000–6000

You will find the AquaMax Eco pumps starting with page 18

\*P.104 Details on the type and scope of the guarantee

# WATERFALL SET

*Waterfall set in modern stainless steel design*



START



- Waterfall stand of high-quality stainless steel 1.4401 (V4A) in 600 mm width
- In addition, the Waterfall Set 60 Solo has a mounting base that ensures additional stability.
- An additional possibility is installation in combination with the OASE Water Reservoir and the corresponding cover (WR 125 for Waterfall Set 60 Solo on page 99).
- Only Waterfall Set 30: Including pump 2.500 l/h
- Easy maintenance thanks to removable back
- High-quality stainless steel quality: 1.4401 (V4A)

		Waterfall Set 60 Solo
Dimensions (L x W x H)	mm	145 x 650 x 600
Net weight	kg	15.00
Guarantee* P.104	Years	
Power consumption	W	–
Power cable length	m	–
Item no.		51163

## THIS IS HOW EASY IT IS:

Sample setup of a Waterfall Set 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!



# STAINLESS STEEL WATERCOURSES

High quality crafted elements for individual garden designs

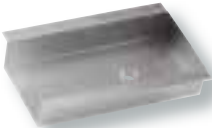


- Modern garden design made easy: Design creative waterfalls with six stainless steel elements
- Unique connection technology for easy installation – thanks to a connection element incl. sealing strips and nuts
- Robust, high-quality stainless steel 1.4401 (V4A)
- Single elements can be individually combined
- Illumination element can be combined with the LunAqua Terra LED in ground light fixture (page 80)

## Extras

**Recommendation**  
You will find tips and informations for the installation of the stainless steel watercourses on the pages 8–9.

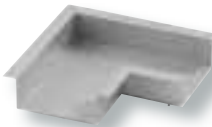
### START



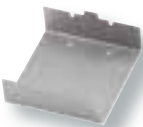
Stainless steel watercourse **start/end**



Stainless steel watercourse **straight**



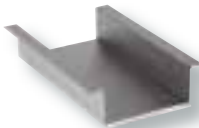
Stainless steel watercourse **90° curve**



Stainless steel watercourse **connection**



Stainless steel watercourse **illumination**



Stainless steel watercourse **outlet**

		Stainless steel watercourses	Stainless steel watercourses	Stainless steel watercourses	Stainless steel watercourses	Stainless steel watercourses	Stainless steel watercourses
		start/end	straight	illumination	90° curve	connection	outlet
Dimensions (L x W x H)	mm	400 x 270 x 80	1000 x 270 x 80		400 x 400 x 80	140 x 210 x 80	400 x 270 x 80
Net weight	kg	2.20	5.00		2.60	0.60	2.03
Guarantee*P.104	Years	2					
Connection for hoses	mm (inch)	25 (1")	—				
Item no.		50800	50781	50809	50798	50801	51162



## THIS IS HOW EASY IT IS: Sample setup: Stainless Steel Watercourses

All you need to install your waterfall are the appropriate stainless steel elements, a suitable water reservoir with cover (see page 99), a pump (see page 12/13) and sufficient hose, as well as material to compact the substrate, because a horizontal installation is extremely important. The Lighting Set with the LunAqua Terra LED (see page 80) rounds out the design of the watercourse.



Measure the area that you are considering and select the suitable watercourse elements.



After excavation, check whether the substrate is solid enough or still must be compacted.



Fleece additionally protects the excavated area against root penetration.



Ideally the water reservoir is placed at the head end of the start element, and it should be concealed, but accessible. The hoses are simply laid out in the gravel bed along the watercourse elements.



Place the elements upside down so that they match. Then the connecting strips are bonded on.



The stainless steel connecting element is placed on and connected with eight nuts and washer screws. Ideally with a second person – turn the bolted watercourse right-side up.



Now is the time to insert the LunAqua Terra LED, if you have planned for a lighting element. Connect the hoses and pump; place the pump in the water reservoir.



The horizontal alignment of the system is extremely important – ensure that you check whether the watercourse elements are horizontal, in both directions. Thereafter the edge design can be finished – that's it!

# WATER STARLET/ QUINTET/TRIO

*Luminous fountains for  
modern garden design*



- High quality water feature with three varying fountains, including LED lighting
- »Plug'n Spray« principle: Immediately ready for use and easy connection
- Safe, energy-efficient 12V technology
- Can be used in swim ponds
- Different water patterns can be presented as a permanent program loop

### Water Quintet/Trio

- Variations in fountain height (30 – 140 cm) and light intensity can be played back in permanently 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 (P. 99)**



		Water Starlet	Water Trio	Water Quintet
Dimensions (L x W x H)	mm	330 x 270 x 135	430 x 300 x 240	
Guarantee**P.104 (+ request guarantee)	Years	2	2 + 1	
Light colour		neutral white		
Cable length 12V device	m	2.00 (power unit) + 8.00	2.50 (power unit) + 8.00	
Fountain height, max.	m	0.70	1.40	
12V control box				
Dimensions (L x W x H)	mm	–	215 x 180 x 305	
Power consumption	W	–	40	50
Hand-held transmitter / range max.	V	–	12	12
Power unit				
Dimensions (L x W x H)	mm	–	160 x 100 x 100	
Rated voltage (primary, secondary)		230 V/50 Hz, 12V/AC	230 V/50 Hz , 12 V/DC	
Item no.		50214	50240	50187

# WATER JET 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 are played back in 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
- 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
- Safe, energy-efficient 12V technology

## 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.*

		Water Jet Lightning
Dimensions (L x W x H)	mm	150 x 115 x 200
Guarantee*P.104 (+ request guarantee)	Years	2 + 1
Cable length 12V device	m	2.50 (power unit) + 8.00
Parabolic height max.	m	0.90
Parabolic width max.	m	1.8
Jet diameter	mm	8
<b>12 V control box</b>		
Dimensions (L x W x H)	mm	215 x 180 x 305
Power consumption	W	41
Rated voltage prim. (control system)	V	12
<b>Power unit</b>		
Dimensions power unit (L x W x H)	mm	160 x 100 x 100
Rated voltage (primary, secondary)		230 V / 50 Hz , 12V / DC
Item no.		50191

# AQUARIUS UNIVERSAL

For statuary fountains & decorative fountains



- Ideal for continuous operation
- Even shallow water is suctioned in
- Quiet running
- The entire product series offers thermal protection
- Easy adjustment of the flow rate

**From Aquarius Universal 440**

- Also suitable for outdoor use

**From Aquarius Universal 600**

- Can be setup underwater & dry

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

## START



## Extras

**Recommendation**

For an attractive bubbling stone water pattern, for pump selection, ideally 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 80

		Aquarius Universal	Aquarius Universal	Aquarius Universal	Aquarius Universal	Aquarius Universal
		440	600	1000	1500	2000
Dimensions (L x W x H)	mm	49 x 53 x 55	98 x 57 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* <sup>P.104</sup> (+ request guarantee)	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.		36746	36977	36980	36983	36978



# AQUARIUS UNIVERSAL

For waterfalls, bubbling stones & large decorative fountains



- Undisturbed splashing water, thanks to extremely quiet operation
- Easy adjustment of the flow rate
- Can be setup underwater & dry
- Energy efficient thanks to low energy consumption
- Frost proof to -20 °C
- High quality workmanship with stainless steel 1.4401 (V4A)

## PRO



## Extras

### Recommendation

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

		Aquarius Universal	Aquarius Universal	Aquarius Universal	Aquarius Universal	Aquarius Universal	Aquarius Universal	Aquarius Universal	Aquarius Universal	Aquarius Universal
		Eco 3000	Eco 4000	5000	6000	9000	12000	21000	27000	40000
Dimensions (L x W x H)	mm	246 x 130 x 134		315 x 140 x 130		337 x 161 x 158		420 x 220 x 262		461 x 234 x 293
Rated voltage		220—240 V / 50 Hz								
Power consumption	W	40	50	85	110	195	270	470	645	1000
Guarantee*P.104 (+ request guarantee)	Years	3 + 2								
Max. flow rate	l/h	3000	4000	5000	6000	9000	12000	21800	27000	40000
Max. head height	m	3.20	3.40	4.50	5.00	6.00	7.00	9.60	10.00	11.00
Connection for hoses	mm (inch)	25 / 32 / 38 (1", 1 ¼", 1 ½")						25 / 38 / 50 (1", 1 ½", 2")		
Electronic adjustment		No		Yes						
Item no.		57390	57392	56619	56637	56876	56879	56870	56871	56872

# AQUARIUS FOUNTAIN SET

Fountain set for attractive  
 water patterns



Fountain: Vulkan



Fountain: Lava



Fountain: Magma

- Easy mechanical adjustment of the fountain height
- 3 fountain attachments for different water patterns included in the scope of delivery
- Telescopic pipe extension (16–29 cm) with integrated swivel head for individual alignment of the fountain
- Second, separately adjustable outlet ( $\frac{1}{2}$ " to 1")
- Base footings for stable positioning on the pond floor
- Integrated thermal protection

## START



Vulkan		Lava		Magma	
Ø cm	H cm	Ø cm	Ø cm	H cm	
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	Aquarius Fountain Set	Aquarius Fountain Set	Aquarius Fountain Set
	1000	1500	2500	3500
Dimensions (L x W x H)	mm	180 x 205 x 140		
Rated voltage		220–240 V/50 Hz		
Power consumption	W	11	25	40
Guarantee* <sup>P.104</sup> (+ request guarantee)	Years	2 + 1		
Max. flow rate	l/h	1000	1500	2500
Max. head height	m	1.30	1.90	2.20
Connection for hoses	mm (inch)	13/19/25 (½", ¾", 1")		
Item no.	57438	57439	57440	57441

# AQUARIUS FOUNTAIN SET

*Fountain set with  
large filter surface*



Fountain: Vulkan

- Unique fountain set with filter intake surface
- Effective, over-proportioned filter surface through side-mounted wings
- The detachable wings can be placed in the shallow bank area
- Mechanical adjustment and cleaning from the edge of the pond
- Electronic adjustment
- Telescopic pipe extension (30–52 cm) with integrated swivel head for individual alignment of the fountain
- Integrated spotlight holder (optional accessory: Spotlight LunAqua 3 Set 1, page 81)

PRO



Vulkan		
Ø cm	H cm	
160	200	Set 4000
250	250	Set 6000
250	350	Set 8000
250	450	Set 12000

		Aquarius Fountain Set 4000	Aquarius Fountain Set 6000	Aquarius Fountain Set 8000	Aquarius Fountain Set 12000
Dimensions (L x W x H)	mm	280 x 230 x 210			
Rated voltage		220–240 V / 50 Hz			
Power consumption	W	65	110	135	260
Guarantee* <sup>P.104</sup> (+ request guarantee)	Years	3 + 2			
Max. flow rate	l/h	4000	6000	8000	12000
Max. head height	m	3.50	4.50	5.00	7.50
Connection for hoses	mm (inch)	13 / 19 / 25 (½", ¾", 1")			
Item no.		56315	56319	56323	56332

*»Here you can feel  
the ideas flowing!«*



## **FILTER AND WATERCOURSE PUMPS: INTELLIGENT TECHNOLOGY FOR BIODIVERSITY**

**Waterfalls and watercourses are not only small natural spectacles – moving water can do much more. The advantages are endless with the ingenious pumps from OASE.** Oxygen is vital for all plants and animals in the pond. OASE pumps move all the water in the pond, and ensures the required oxygen supply. Watercourses and waterfalls that simultaneously lend your pond a more

natural appeal also offer the best prerequisites for adding oxygen to the water. Consequently you should include them in your plans. The OASE filter and watercourse pumps feed the pond filters and supply them with water at the maximum level of efficiency. In the filter, the water is subsequently freed of coarse debris, toxins and germs. The OASE pumps are real power-





## AquaMax Eco Classic & Premium

Now available in two additional  
performance classes.

Page 18/19

houses with well thought out functions. Thanks to the innovative »Seasonal Flow Control« technology, some of these pumps even adapt the required flow rate to the water temperature. This energy efficiency pays off; it saves you money. Your OASE stockist would be pleased to advise you, and has the right pump for you, wholly in accordance with your pond size and application.



**Oase**  
LIVING WATER

*»Gentle on the environment –  
economical for you!«*

### **OASE products with the Eco Leaf**

OASE products stand for fascination and the satisfaction of a quality product. This satisfaction can be increased further with the knowledge you are using an energy efficient product.



[www.oase-livingwater.com](http://www.oase-livingwater.com)

# AQUAMAX Eco CLASSIC

*The powerful classic in a completely new design*



- Completely redesigned: The classic – the entry level class of filter and watercourse pumps from OASE
- A totally new form: Adapted to the pond environment through organic design
- Uncompromising reliable: Powerful conveyance of coarse debris particles up to 8 mm in size into a filter
- The size selection is now even more extensive: With the new even more powerful size 17.500

## START



### From AquaMax Eco Classic 3500

- Extremely economical: Thanks to its energy efficient motor, the »AquaMax Eco Classic saves power – and money – in operation
- »Environmental Function Control« (EFC by OASE) protects against dry run and blocking\*<sup>1</sup>

Matching filters and filter systems starting on page 24

		AquaMax Eco Classic  2500	AquaMax Eco Classic  3500	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)	mm	190 x 175 x 100	280 x 230 x 140					
Rated voltage		220 – 240 V / 50 Hz						
Power consumption	W	40	45	60	80	100	135	170
Guarantee (+ request guarantee)* <sup>P.104</sup>	Years	3	3 + 2					
Max. flow rate	l/h	2400	3600	5300	8300	11000	13600	17400
Max. head height	m	2.00	2.20	2.80	3.20	3.30	3.40	3.70
Connection for hoses	mm (inch)	19/25/32/38 (¾", 1", 1¼", 1½")						
Filter intake surface	cm²	300	810					
Coarse debris displacement max.	mm	6	8					
Setup type		Underwater inst. only	Can be setup underwater & dry					
Item no.		51088	51094	51098	51100	51103	51109	56710

NEW

# AquaMax Eco Premium

Efficient water movement  
in multiple pond zones



- Outstanding energy balance: Reliable displacement using even less energy
- The size selection is now even more extensive: With the new even more powerful size 20.000
- 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 as low as  $-20^{\circ}\text{C}$ , guaranteed
- Flow rate can be mechanically and electronically adjusted
- Plant remains or fish waste to 11 mm in size are displaced
- »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!

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

Matching filters and filter systems on page 24

	AquaMax Eco Premium	AquaMax Eco Premium	AquaMax Eco Premium	AquaMax Eco Premium	AquaMax Eco Premium	AquaMax Eco Premium	AquaMax Eco Premium
	4000	6000	8000	10000	12000	16000	20000
Dimensions (L x W x H)	mm	340 x 280 x 165					
Rated voltage		220–240 V / 50/60 Hz					
Power consumption	W	40	50	65	88	110	145
Guarantee (+ request guarantee)* <sup>P.104</sup>	Years	3 + 2					
Max. flow rate	l/h	4000	6000	8000	10000	12000	15600
Max. head height	m	3.30	3.70	4.10	4.70	5.00	5.20
Connection for hoses	mm (inch)	25 / 32 / 38 (1", 1¼", 1½")		25 / 32 / 38 / 50 (1", 1¼", 1½", 2")			
Filter intake surface	cm²	1000					
Coarse debris displacement max.	mm	10				11	
Setup type		Can be setup underwater & dry					
Item no.		50735	50739	50741	51085	50743	50746

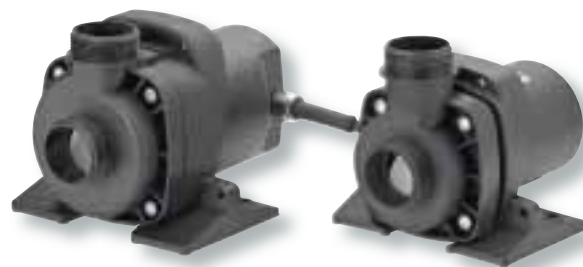
# AQUAMAX DRY

*Especially designed  
for dry installation*



- Powerful filter pump for installation in a dry, separate, pump chamber
- Extremely quiet motor operation
- Displaces coarse debris to 8 mm in size
- Extremely stable thanks to its solid base
- Included in the scope of delivery: 2 hose connections 1" – 1½", as well as 2 stainless steel hose clamps 1½"
- Likewise suitable for use on swim ponds and bathing ponds (inserted in an exterior pump chamber)

## PRO



## Extras

### Recommendation

*The AquaMax Dry should be setup below the water level in a separate pump chamber. Consequently a great advantage of the dry setup is the safe use, particularly for swim ponds and bathing ponds. In the chamber the pump is easily accessible for maintenance purposes. For this we recommend the OASE slide valves that keep your pump free of water for the time that maintenance is performed. And to remove the debris from the pond even more effectively, in addition a satellite filter or skimmer can be connected to the pump via a Y-distributor.*

Matching filters and filter systems starting on page 24

		AquaMax Dry  6000	AquaMax Dry  8000	AquaMax Dry  14000	AquaMax Dry  16000
Dimensions (L x W x H)	mm	200 x 150 x 150		210 x 150 x 170	
Rated voltage		220–240 V / 50 Hz			
Power consumption	W	75	100	230	260
Guarantee <sup>*P.104</sup> (+ request guarantee)	Years	3 + 2			
Max. flow rate	l/h	6000	7500	13500	15100
Max. head height	m	2.20	3.00	5.00	5.20
Connection for hoses	mm (inch)	25 / 32 / 38 (1", 1¼", 1½")			
Coarse debris displacement max.	mm	8			
Setup type		Dry installation only			
Item no.		50396	50069	50070	50448



# AQUAMAX Eco TWIN

*Particularly powerful  
with flexible capacity  
adaptation*

- Particularly powerful filter pump with individually adjustable flow rate of the 2 motors per remote control
- Reduced power consumption and effective adaptation of power to filter activity
- Patented damper mechanism guarantees optimal delivery rates
- Coarse debris displacement of particles up to 11 mm in size
- 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 as low as  $-20^{\circ}\text{C}$ , guaranteed
- »Environmental Function Control« (EFC by OASE) protects against dry run and blocking
- Flow rate can be mechanically and electronically adjusted

## 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.*



## PRO



Matching filters and filter systems starting on page 24

		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	198	320
Guarantee* P.104 (+ request guarantee)	Years	3 + 2	
Max. flow rate	l/h	20000	27000
Max. head height	m	4.50	5.20
Connection for hoses	mm (inch)	25 / 32 / 38 / 50 (1", 1 ¼", 1 ½", 2")	
Filter intake surface	cm²	1300	
Coarse debris displacement max.	mm	11	
Setup type		Underwater installation only	
Item no.		50708	50710

# AQUAMAX EXPERT

*Extreme performance  
for demanding large  
installations*



- Excellent flow rates for sophisticated filter systems or large watercourses and waterfalls
- Coarse debris displacement of particles up to 8 mm in size
- Electronic adjustment per remote control with the InScenio FM-Master 3 (page 85)
- Side 2" outlet for easier installation in large installations
- Long service life particularly at high capacities
- Unique, patented frost protection: The pump will not be damaged at temperatures as low as  $-20^{\circ}\text{C}$ , guaranteed

## PRO



## Extras

### Recommendation

*The powerful AquaMax Expert is best suited for supplying filter systems as well as for watercourses and waterfalls in larger installations.*

## Accessories

### InScenio FM-Master 3

*Wireless remote control garden power outlet for electronic adjustment.*

**Item no. 56473 (P. 85)**



		AquaMax Expert 20000	AquaMax Expert 30000	AquaMax Expert 40000
Dimensions (L x W x H)	mm	420 x 240 x 262		461 x 258 x 293
Rated voltage		220–240 V / 50 Hz		
Power consumption	W	450	650	1100
Guarantee* P.104 (+ request guarantee)	Years	3 + 2		
Max. flow rate	l/h	20000	30000	41000
Max. head height	m	8.00	8.50	10.00
Connection for hoses	mm (inch)	25 / 38 / 50 (1", 1½", 2")		
Filter intake surface	cm²	1320		1620
Coarse debris displacement max.	mm	8		
Setup type		Can be setup underwater & dry		
Item no.		56873	56874	56875

# AquaMax<sup>PLUS</sup> Eco Gravity

*For gravity fed filter systems on koi ponds and swim ponds*



- Energy-efficient filter pump with strong and reliable delivery capacity for large bodies of water with intensive use
- Coarse debris displacement of particles up to 6 mm in size
- »Environmental Function Control« (EFC by OASE) protects against dry run and blocking
- High stability thanks to the removable mounting base
- Can be setup underwater & dry
- Unique, patented frost protection: The pump will not be damaged at temperatures as low as  $-20^{\circ}\text{C}$ , guaranteed
- Included in the scope of delivery: Adapter set for hose (50 mm / DA 63) and pipe connection (DN 75 / DN 110)
- Suitable for use on swim ponds and bathing ponds (inserted in an exterior pump chamber)

## PRO



Matching filters and filter systems starting on page 24

## Extras

### Recommendation

*These powerful gravitation filter pumps are excellently suited for feeding larger filter systems. Ideal in combination with the OASE module filters ProfiClear Classic and ProfiClear Premium (page 40–47).*

		AquaMax Eco Gravity 10000	AquaMax Eco Gravity 15000	AquaMax Eco Gravity 20000
Dimensions (L x W x H)	mm	272 x 142 x 182		
Rated voltage		220–240 V / 50 Hz		
Power consumption	W	65	85	120
Guarantee* P.104 (+ request guarantee)	Years	3 + 2		
Max. flow rate	l/h	10000	15000	18000
Max. head height	m	1.30	1.80	2.20
Connection for hoses		2", DA 63. DN 75. DN 110		
Filter intake surface	cm <sup>2</sup>	200		
Coarse debris displacement max.	mm	6		
Setup type		Can be setup underwater & dry		
Item no.		57091	57092	57093

»More time  
to enjoy.«



## FILTER SYSTEMS: PERFECT TEAM FOR CLEAR WATER

**Every garden owner finds his own way to relax by the pond. The extensive assortment of OASE filters provides you with lots of options to discover what's best for you.** To ensure that you also have time for this, OASE offers clever products and intelligent systems that facilitate the work and even do it for you. Whether you prefer a garden pond with fish, a large koi pond or even a swim pond – the water in the pond will be clear, and will remain clear! OASE even

gives you a Clear Water Guarantee<sup>\*P.104</sup>. The prerequisite is that everything must be installed and used as recommended. OASE shows you how easy it is to find the right filter equipment for your individual pond environment: With the underwater filters beautiful ponds are created even where space is at a minimum. Small to medium-size ponds, with and without watercourses get the ideal filtration with pressure filters. However, usually medium-size to





## ProfiClear Premium!

For the most rigorous demands. With no compromises.

large pond pools and koi ponds have bigger filter capacity requirements. OASE flow-through filters perfectly meet these requirements. The filter capacity of the OASE filters is further supplemented with UVC clarifiers that significantly reduce suspended algae and harmful bacteria. Finally, pond aerators supply the water with additional oxygen and provide an ideal pond climate. Filter pump, filter and UVC clarifier are optimally matched – Your team for clear water!

# FILTER SYSTEMS FOR GUARANTEED<sup>\* P.104</sup> CLEAR WATER

## UNDERWATER FILTERS (Page 30)

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

### Suitable for:

- Decorative pools, such as galvanised troughs or wine barrels
- Pre fabricated pools up to 5000 litres
- Small ponds
- As supplemental filter element with fountain



*Filtral UVC (START)*

## PRESSURE FILTERS (starting on page 31)

Pressure filters are suitable for small and medium-sized ponds. If needed the water can be routed to higher positioned watercourses, because the pump pressure remains intact through the filter.

### Suitable for:

- Medium-sized ponds up to 30 m<sup>3</sup>
- Direct infeed of watercourses or fountains
- Architectural pools without visible technology



*FiltoClear Set 12000 (PRO)*

## FLOW-THROUGH FILTERS (starting on page 34)

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.

### Suitable for:

- Larger ponds up to 140 m<sup>3</sup>
- Ponds with fish stock
- High circulation capacities



*BioTec ScreenMatic Set 40000 (PRO)*

## MODULE FILTERS (starting on page 40)

Large natural ponds or swim pond with or without koi – these modular systems remain flexible at any time.

### Suitable for:

- Large ponds, swim ponds, koi ponds and lakes



*ProfiClear Premium (PRO)*

# Filters in comparison

## A filter system consists of:




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

Rule of thumb for determining the correct number of liters:  
**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 liters

## UNDERWATER FILTERS

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



Sets	Underwater filters	UVC power	Filter & watercourse pump	+ Aerators (accessories)	Suitable for pond volume in m³			Item no.
<b>Table explanations:</b> 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 3000*	(Filter integrated)	7 W (UVC integrated)	(Pump integrated)	—	3.0	1.5	—	51232
Filtral UVC 6000*	(Filter integrated)	9 W (UVC integrated)	(Pump integrated)	—	6.0	3.0	—	51233
Filtral UVC 9000*	(Filter integrated)	11 W (UVC integrated)	(Pump integrated)	—	9.0	4.5	—	51235
Clear Water Guarantee* <sup>FP-104</sup> as specified by Secchi to a visual depth of 1 m.								




## PRESSURE FILTER SYSTEMS




Pressure filters are suitable for small and medium-sized ponds. If needed the water can be routed to higher positioned watercourses, because the pump pressure remains intact through the filter.



FiltoClear Set 12000 (PRO)



Sets	Pressure filters	UVC power	Filter & watercourse pump	+ Aerators (accessories)	Suitable for pond volume in m³			Item no.
<b>Table explanations:</b> In the marked rows you will find the complete filter sets. The other groupings are additional possible combinations for different requirements and pond sizes.								
<b>BioPress</b>								
Set 4000	BioPress 4000	7 W (UVC integrated)	FP 1500	—	4	2	1	50504
Set 6000	BioPress 6000	9 W (UVC integrated)	FP 2500	—	6	3	1.5	50454
Set 10000	BioPress 10000	14 W (UVC integrated)	FP 3500	—	10	5	2.5	50457
The following were considered for the BioPress Sets: 5 m 1" hose and a delivery head of max. 0.5 m								

Sets	Pressure filters	UVC power	Filter & watercourse pump	+ Aerators (accessories)	Suitable for pond volume in m <sup>3</sup>			Item no.
<b>Table explanations:</b> In the marked rows you will find the complete filter sets. The other groupings are additional possible combinations for different requirements and pond sizes.								
<b>FiltoClear</b>								
	FiltoClear 3000	9 W (UVC integrated)	AquaMax Eco Classic 2500	–	1.5	0.75	–	
				+ OxyTex Set 500	1.7	1	–	
<b>Set 3000</b>	<b>FiltoClear 3000</b>	<b>9 W (UVC integrated)</b>	<b>AquaMax Eco Premium 4000</b>	–	<b>3</b>	<b>1.5</b>	–	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	–	
<b>Set 6000</b>	<b>FiltoClear 6000</b>	<b>11 W (UVC integrated)</b>	<b>AquaMax Eco Premium 6000</b>	–	<b>6</b>	<b>3</b>	–	50871
				+ OxyTex Set 500	7	3.5	–	
	FiltoClear 12000	18 W (UVC integrated)	AquaMax Eco Premium 4000	–	6	3	1.5	
				+ OxyTex Set 1000	7	3.5	1.5	
	FiltoClear 12000	18 W (UVC integrated)	AquaMax Eco Premium 6000	–	8	4	2	
				+ OxyTex Set 1000	10	5	2.5	
<b>Set 12000</b>	<b>FiltoClear 12000</b>	<b>18 W (UVC integrated)</b>	<b>AquaMax Eco Premium 8000</b>	–	<b>12</b>	<b>6</b>	<b>3</b>	51252
				+ OxyTex Set 1000	14	7	3.5	
	FiltoClear 16000	24 W (UVC integrated)	AquaMax Eco Premium 6000	–	9	5	2.5	
				+ OxyTex Set 1000	10	5	2.5	
	FiltoClear 16000	24 W (UVC integrated)	AquaMax Eco Premium 8000	–	12	6	3	
				+ OxyTex Set 1000	15	8	4	
<b>Set 16000</b>	<b>FiltoClear 16000</b>	<b>24 W (UVC integrated)</b>	<b>AquaMax Eco Premium 10000</b>	–	<b>16</b>	<b>8</b>	<b>4</b>	51254
				+ OxyTex Set 1000	19	9.5	5	
	FiltoClear 20000	36 W (UVC integrated)	AquaMax Eco Premium 10000	–	18	9	4.5	
				+ OxyTex Set 2000	22	11	5.5	
<b>Set 20000</b>	<b>FiltoClear 20000</b>	<b>36 W (UVC integrated)</b>	<b>AquaMax Eco Premium 12000</b>	–	<b>20</b>	<b>10</b>	<b>5</b>	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	
<b>Set 30000</b>	<b>FiltoClear 30000</b>	<b>55 W (UVC integrated)</b>	<b>AquaMax Eco Premium 16000</b>	–	<b>30</b>	<b>15</b>	<b>7.5</b>	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\*<sup>RP.104</sup> in accordance with a Secchi light penetration depth of 1 m. 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.

### Important note

When planning a new pond with koi stock, please ensure a minimum pond size of 5 m<sup>3</sup>!



Ponds with plants,  
without fish stock



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



Ponds with plants and  
fish stock up to 1–2 kg / 1000 l  
(koi ponds)

# Filters in 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.



FiltoMatic CWS Set 7000 (PRO)



Sets	Flow-through filters	UVC clarifier UVC power	Filter & watercourse pump	+ Aerators (accessories)	Suitable for pond volume in m³			Item no.
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	1.3	50525
Set 7000	BioSmart 7000	9 W (UVC integrated)	FP 2500	–	7	3.5	1.7	50450
Set 14000	BioSmart 14000	11 W (UVC integrated)	FP 3500	–	14	7	3.5	50452
	BioSmart UVC 16000	11 W (UVC integrated)	AquaMax Eco Classic 2500	–	8	4	2	
	BioSmart UVC 16000	11 W (UVC integrated)	AquaMax Eco Classic 3500	–	14	7	3.5	
Set 18000	BioSmart 18000	Vitronic 18 W	AquaMax Eco Classic 5500	–	18	9	4.5	56778
Set 24000	BioSmart 36000	Vitronic 24 W	AquaMax Eco Classic 5500	–	24	12	6	56785
Set 36000	BioSmart 36000	Vitronic 36 W	AquaMax Eco Classic 11500	–	36	18	9	56793
	BioSmart 36000	Vitronic 36 W	AquaMax Eco Classic 8500	–	30	15	7.5	

The following were taken into consideration for the BioSmart Sets 5000 / 7000 / 14000 / 16000: 3 m ¼" hose and a delivery head of max. 0.5 m

The following were taken into consideration for the BioSmart Sets 24000 / 36000: 5 m 1½" hose and a delivery head of max. 0.5 m

<b>FiltoMatic</b>								
CWS Set 7000	FiltoMatic CWS 7000	11 W (UVC integrated)	AquaMax Eco Premium 4000	—	7	3.5	1.8	50868
				+ OxyTex Set 500	8.5	4.5	2.3	
CWS Set 14000	FiltoMatic CWS 14000	24 W (UVC integrated)	AquaMax Eco Premium 6000	—	14	7	3.5	50870
				+ OxyTex Set 1000	17	8.5	4.5	
CWS Set 25000	FiltoMatic CWS 25000	24 W (UVC integrated)	AquaMax Eco Premium 8000	—	25	12.5	7	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<sup>®</sup> 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 m<sup>3</sup>!



Ponds with plants,  
without fish stock



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



Ponds with plants and  
fish stock up to 1–2 kg / 1000 l  
(koi ponds)



Sets	Flow-through filters	UVC clarifier UVC power	Filter & watercourse pump	+ Aerators (accessories)	Suitable for pond volume in m³			Item no.
<b>Table explanations:</b> In the marked rows you will find the complete filter sets. The other groupings are additional possible combinations for different requirements and pond sizes.								
<b>BioTec</b>								
	BioTec ScreenMatic 12	Bitron C 36 W	AquaMax Eco Premium 6000 /12V	–	20	10	5	
	BioTec ScreenMatic 12	Bitron C 36 W	AquaMax Eco Premium 8000	–	28	14	7	
	BioTec ScreenMatic 12	Bitron C 36 W	AquaMax Eco Premium 10000	–	30	15	8	
<b>BioTec ScreenMatic Set 40000</b>	<b>BioTec ScreenMatic 12</b>	<b>Bitron C 36 W</b>	<b>AquaMax Eco Premium 12000</b>	–	<b>40</b>	<b>20</b>	<b>10</b>	<b>50878</b>
	BioTec ScreenMatic 18	Bitron C 55 W	AquaMax Eco Premium 6000 /12V	–	24	12	6	
	BioTec ScreenMatic 18	Bitron C 55 W	AquaMax Eco Premium 8000	–	32	16	8	
	BioTec ScreenMatic 18	Bitron C 55 W	AquaMax Eco Premium 10000	–	36	18	9	
	BioTec ScreenMatic 18	Bitron C 55 W	AquaMax Eco Premium 12000 /12V	–	44	22	11	
<b>BioTec ScreenMatic Set 54000</b>	<b>BioTec ScreenMatic 18</b>	<b>Bitron C 55 W</b>	<b>AquaMax Eco Premium 16000</b>	–	<b>54</b>	<b>27</b>	<b>14</b>	<b>50887</b>
	BioTec 30	Bitron C 72 W	AquaMax Eco Premium 12000 /12V	–	50	25	13	
	BioTec 30	Bitron C 72 W	AquaMax Eco Premium 16000	–	65	32	16	
	BioTec 30	Bitron C 72 W	AquaMax Eco Premium /Twin 20000	–	70	35	18	
	BioTec 30	Bitron C 72 W	AquaMax Eco Twin 30000	–	100	50	25	
	BioTec 30	Bitron C 110 W	AquaMax Eco Premium 12000 /12V	–	68	34	17	
	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 ScreenMatic 36	Bitron C 110 W	AquaMax Eco Premium 12000 /12V	–	80	40	20	
	BioTec ScreenMatic 36	Bitron C 110 W	AquaMax Eco Premium 16000	–	110	55	25	
	BioTec ScreenMatic 36	Bitron Eco 120 W	AquaMax Eco Premium /Twin 20000	–	120	60	30	
	BioTec ScreenMatic 36	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<sup>®</sup> 104 in accordance with a Secchi light penetration depth of 1 m. 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 details for ProfiClear Module filters starting on page 38.



**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 104 or at: [www.oase-livingwater.com](http://www.oase-livingwater.com)



# FILTRAL UVC



## Underwater filter with UVC and fountain



- Suitable for ponds upto 9.000 litres
- A multi talent with filter function and water feature
- Including OASE Clear Water Guarantee\* P.104
- Compact filter unit with UVC technology and 4 different filter materials
- Supplied with 90 degree bend and stepped hosetail 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 Kit (50089) to create a fountain effect

### START



		Filtral UVC  3000	Filtral UVC  6000	Filtral UVC  9000
Dimensions (L x W x H)	mm	247 x 183 x 160	380 x 290 x 160	
Power consumption	W	20	38	40
Power cable length	m	10.00		
Guarantee* <sup>P.104</sup>	Years	2		
UVC power	W	7	9	11
Pump capacity max.	l/h	1000	2500	
Max. flow rate	l/h	600	1100	
Meter water column max.	m	1.30	2.30	
Filter intake surface	cm²	232	564	
Connection, pressure-side		1"		
Suitable for ponds up to max.	m³	3.0	6.0	9.0
Suitable for ponds with fish stock	m³	1.5	3.0	4.5
Item no.		51232	51233	51235

# BIOPRESS SETS \* P.104

## Solid pressure filter set with UVC and filter pump



- Suitable for ponds up to 10 m<sup>3</sup>
- Combination of mechanical biological cleaning and effective UVC technology
- Including OASE Clear Water Guarantee\* P.104
- Ideal for supplying higher elevated watercourses
- 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 capacity of the UVC light waves!*

		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	75
Power cable length UVC	m	3.00		
Power cable length pump	m	10.00		
Guarantee* P.104	Years	2		
UVC power	W	7	9	11
Connections, 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	0.20		
Suitable for ponds up to max.	m <sup>3</sup>	4.0	6.0	10.0
Suitable for ponds with fish stock	m <sup>3</sup>	2.0	3.0	5.0
Suitable for ponds with koi*	m <sup>3</sup>	1.0	1.5	2.5
Item no.		50504	50454	50457

\* Note: When planning a new pond with koi stock, please ensure a minimum pond size of 5 m<sup>3</sup>!

# FILTOCLEAR \* P.104

*Pressure filter with UVC  
and patented cleaning  
function*



- Suitable for ponds up to 30 m<sup>3</sup>
- Combination of mechanical biological cleaning and effective UVC technology
- Including OASE Clear Water Guarantee\* P.104
- Ideal for supplying higher elevated watercourses and architectural pools
- Patented Easy-Clean technology for easy and easy cleaning without opening the filter
- Cleaning and backflush function can be easily operated on the cover
- Possibility of monitoring the UVC clarifier, filter contamination and water flow-through
- Integrated in the natural environment, thanks to possibility of in ground installation and the sandstone look of the cover
- 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

## PRO



## Extras

### **Easy filter cleaning:**

*Convenient cleaning thanks to patented Easy Clean Technology.*







All filters are also available in a set!

**Your advantages:**

- Optimally matched components
  - Naturally with Clear Water Guarantee\*<sup>P.104</sup>
  - Attractive price advantage over separate purchase of the individual components!
  - 100 ml Biokick FREE!
- Suitable filter system can be found on page 26.

**Save with complete filter sets!**

Matching filters and watercourse pumps on page 19

		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* <sup>P.104</sup> (+ request guarantee)	Years	2 + 1					
UVC power	W	9	11	18	24	36	55
Connections, 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	0.20					
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*	m³	–	1.5	3.0	4.0	5.0	7.5
Item no.		56051	56052	51245	51248	50580	50581

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

# BIOSMART SETS \* P.104

*Solid flow through filter sets  
with UVC and filter pump*



- Suitable for ponds up to 36 m³
- Combination of mechanical biological cleaning and effective UVC technology
- Including OASE Clear Water Guarantee\* P.104
- Filters and pumps are optimally matched
- 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
- Incl. 100 ml BioKick Filter Starter\*<sup>1</sup>

## START



## Extras

### BioSmart

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

				NEW	NEW	NEW
		BioSmart Set	BioSmart Set	BioSmart Set	BioSmart Set	BioSmart Set
		7000	14000	18000	24000	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	12	14	18	24	36
Power consumption pump	W	40	70	60		100
Power cable length UVC	m	3.00		5.00		
Power cable length pump	m	280 x 380 x 410				
Guarantee* P.104	Years	2				
UVC power	W	9	11	18	24	36
Connections, inlet	mm (inch)	19 / 25 / 32 / 38 (¾", 1", 1¼", 1½")				
Connections, outlet		DN 50	DN 75			
Connections, sludge discharge		38 mm (1½")		DN 50		
Suitable for ponds up to max.	m³	7.0	14.0	18.0	24.0	36.0
Suitable for ponds with fish stock	m³	3.5	7.0	9.0	12.0	18.0
Suitable for ponds with koi*	m³	1.7	3.5	4.5	6.0	9.0
Item no.		50450	50452	56778	56785	56793

# FILTOMATIC CWS P.104

*Pond manager with automatic self-cleaning*



Save with complete filter sets!

- Suitable for ponds up to 25 m<sup>3</sup>
- Intelligent control system adjusts the filtration capacity to the seasonal requirements of the pond
- Up to 40% power savings<sup>\*1</sup> thanks to UVC unit with patented self-cleaning that is activated as needed and oxygen enrichment
- Including OASE Clear Water Guarantee\* P.104
- 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
- Determination of the specific replacement requirement of the bulb thanks to UVC operating hours meter
- 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
- Easy installation, low maintenance and user friendly
- Available in three different sizes

PRO



Matching filters and watercourse pumps on page 19

		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* P.104 (+ request guarantee)	Years	2 + 1		
UVC power	W	11	24	
Min. flow rate	l/h	2500	3500	3500
Max. flow rate	l/h	4000	5000	6000
Connections, inlet	mm (inch)	38 (1 1/2")		
Connections, outlet		DN 75		
Connections, sludge discharge		DN 40		
Suitable for ponds up to max.	m <sup>3</sup>	7.0	14.0	25.0
Suitable for ponds with fish stock	m <sup>3</sup>	3.5	7.0	12.5
Suitable for ponds with koi*	m <sup>3</sup>	2.0	3.5	6.5
Item no.		50909	50922	50926

*Extras*

## Automatic control unit

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



\*1 Relative to devices in continuous operation

\* Note: When planning a new pond with koi stock, please ensure a minimum pond size of 5 m<sup>3</sup>!

# BioTec SCREENMATIC



*High performance filter  
with automatic coarse  
debris extraction*



- Suitable for ponds up to 140 m<sup>3</sup>
- Highly effective flow through filter also for medium size koi ponds
- Including OASE Clear Water Guarantee\* P.104
- Collection tank for removal of extracted coarse pollutants
- Different filter media and large settlement surface for optimal development of filter bacteria
- Flow speed of the incoming water can be adjusted individually depending on the amount of coarse debris
- Sludge drain with slide valve for removing debris from the filter system
- Cleaning of filter sponges directly in the filter, without removal
- Optimally matched to OASE AquaMax Eco filter pumps
- Direct connection possibility for Bitron C and Eco UVC clarifiers

## PRO



## Extras

### Automatic coarse debris extraction

*Significantly less maintenance is required, thanks to coarse debris extraction, upstream from the filter inlet. Automatically driven self cleaning of the ScreenMatic sieve.*



### PhosLess Algae protection

*Phosless algae protection for filamentous algae reduction can be used in the filter if necessary. (optional accessory)*







All filters are also available in a set!

### Your advantages:

- Optimally matched components
  - Naturally with Clear Water Guarantee\* P. 104
  - Attractive price advantage over separate purchase of the individual components!
  - 100 ml Biokick FREE!
- Suitable filter system can be found on page 26.

Save with complete filter sets!

## Extras

### BioTec 30

*The classic for larger ponds and koi ponds*

- Suitable for ponds up to 120 m<sup>3</sup>
- 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 12	BioTec ScreenMatic 18	BioTec ScreenMatic 36
Dimensions (L x W x H)	mm	788 x 590 x 445	788 x 590 x 545	1200 x 800 x 760
Power consumption	W	5		
Cable length 12V device	m	2.10 (power unit) + 5.00		
Guarantee* P. 104	Years	3		
Special filter granulate	kg	3.00	6.00	18.00
Max. flow rate	l/h	10000	12000	23000
Coarse debris extraction	µm	300		
Connections, 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
Suitable for ponds up to max.	m <sup>3</sup>	40.0	54.0	140.0
Suitable for ponds with fish stock	m <sup>3</sup>	20.0	27.0	70.0
Suitable for ponds with koi*	m <sup>3</sup>	10.0	13.5	35.0
Connection to		Bitron C 36–110 W + Eco 120–240 W		
Item no.		57213	57214	51264

\*2 Note: When planning a new pond with koi stock, please ensure a minimum pond size of 5 m<sup>3</sup>!



With the AquaSkim Gravity skimmer you can equip your gravity fed system with a skimmer, even if you do not have a shallow water zone. Suitable for all DN 110 pipes.

## Module filters: Large ponds perfectly equipped

Owners of large natural bodies of water or swim ponds impose the most rigorous requirements on the performance of filters and they value easy operation. Koi enthusiasts, in particular, want to know that flora and fauna are optimally protected. Every pond owner can extend the clever and powerful module filter systems from OASE, completely in accordance with their requirements. The filter system based on the gravity fed principle that maintains an extremely low level of energy consumption, is particularly attractive. The filter can be concealed in the ground or under the terrace. Discover the OASE ProfiClear Premium system, proven professional filter performance and innovative functions!

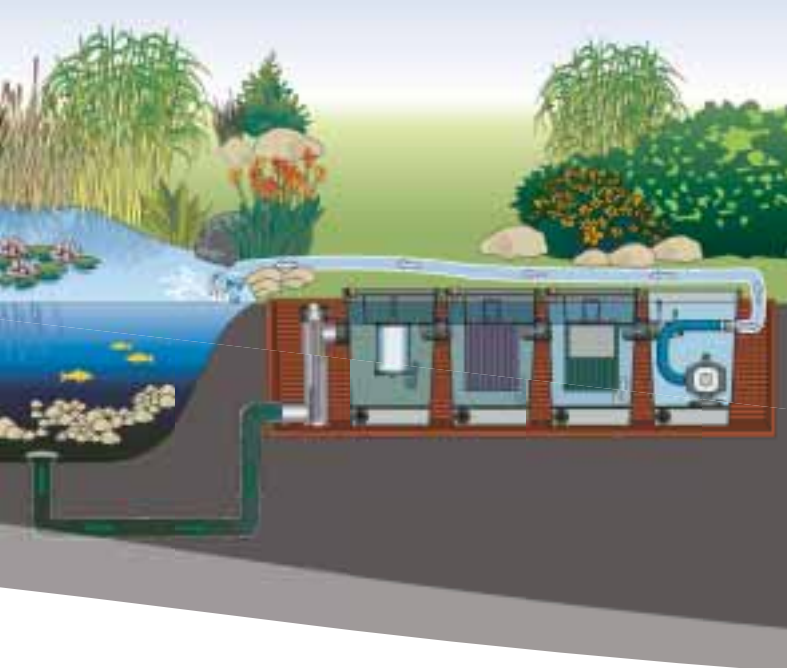
### Tip!

#### PROFICLEAR GUARD

##### *Automatic water replenishment system*

*With automatic water replenishment you sustainably assure a stable water level. This is recommended for stable operation of a gravity fed drum filter system, such as the ProfiClear Premium or to protect sensitive technology from dry run.*





## PROFICLEAR CLASSIC

*Reliable module filter system for large bodies of water*

This filter system is characterised by powerful filter performance and flexible modules that can be extended. These modules enable individual capacity adaptation if the pond is enlarged or if fish stock is increased.

### Special features

- High filter capacity for large natural ponds and swim ponds up to 200 m<sup>3</sup>
- Can be used as a gravity fed system, or as a pump fed system
- Consists of 4 modules with flexible extension possibility
- Convenient – only requires occasional, manual cleaning
- Average water circulation of 12 m<sup>3</sup>/h
- Noiseless function
- Moderate space requirements

## PROFICLEAR PREMIUM

*Sophisticated module filter system for koi ponds*

This new generation of intelligent filter system is the further development of the Classic series and proves incomparable filter performance and unusual functions.

### Special features

- First class filter capacity for natural ponds and swim ponds up to 260 m<sup>3</sup>, in particular for koi ponds to 50 m<sup>3</sup>
- Can be used as a gravity fed system, or as a pump fed system
- Consists of 3 modules with flexible capacity extension possibility through addition of a Moving Bed module, as well as filling of the individual module
- Maximum convenience thanks to intelligent self cleaning and reliable self monitoring
- Maximum water circulation of 33 m<sup>3</sup>/h in the gravity fed principle system
- Low-noise function
- Low space requirements



# PROFICLEAR CLASSIC



*Reliable modular filter system for large bodies of water*



- Ideal for large ponds and swim ponds up to 200 m<sup>3</sup>
- Modularly extensible filter system for individual adaptation to local conditions
- Individual solutions through bringing together of different components
- Can be implemented in any size of pond and under any pond conditions
- Can be used as a pump fed version as well as a particularly energy saving gravity fed filter
- Coarse pollutant extraction with automatic cleaning (optional accessory)

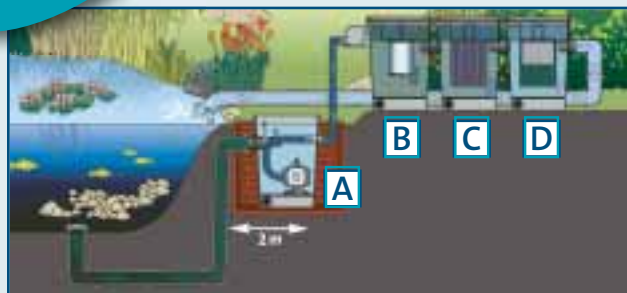
## PRO

- Easy maintenance cleaning handles and floor drains in each filter chamber
- High quality and impact resistant GRP and perfect workmanship
- Optimally matched to OASE filter pumps
- Protection against disproportionate algae growth when using the phosphate binder module



## Extras

*Module filter ProfiClear Classic pump fed principle*



### 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 21)

*Module filter ProfiClear Classic Gravity fed principle*







### System advantages at a glance:

- Effective removal of suspended matter through exploitation 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 water garden
- Optimally matched to OASE AquaMax Gravity Eco filter pumps (page 23)





			
<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
ProfiClear Classic Pump chamber	ProfiClear Classic Coarse debris extractor	ProfiClear Classic Filter foam module	ProfiClear Classic Phosphate binder module
830 x 600 x 820			
2 + 1			
—	800	—	—
—	—	90.0	148.0
2 x DN 110 / DN 150	1 x DN 110 / DN 150 + 2 x DN 50		
25–50 mm (1"–2") + 1 x DN 50	1 x DN 110 / DN 150		
DN 75			
25000	12500		
—	8000		
—	6000		
Whether gravity fed principle or pump fed system – the ProfiClear Classic pump chamber ensures optimal pump position.	Enables easy mechanical extraction of solids up to 800 µm in size.	Reliably removes toxins such as ammonium / ammonia or nitrite.	Converts nitrate into gaseous nitrogen (denitrification) and eliminates phosphates.
51061	51064	51065	51066

# PROFICLEAR PREMIUM



*Sophisticated filter system  
for koi ponds*



- Intelligent high end module filter system for Koi ponds and other large bodies of water to 260 m³
- Outstanding filter capacity with intelligent control functions
- Intelligent self cleaning function for unique maintenance free operation (drum filter module)
- Highly effective decomposition of pollutants and nutrients, thanks to professional filter media and moving bed process (MovingBed module)
- Flexible adaptation of the filter system to individual requirements (individual module)
- Mature, professional technology with more than 3 years of development time
- Innovative and reliable product »made in Germany\*«  
(\*except pressure pump)

## PRO



## Extras

*Module filters ProfiClear Premium pump fed system*

*Module filters ProfiClear Premium gravity 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 21)



### System advantages at a glance:

- Effective removal of suspended matter through exploitation 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 water garden
- Optimally matched to OASE AquaMax Gravity Eco filter pumps (page 23)

1

## DRUM FILTER MODULE

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

- Maximum partial 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 water connection is not required
- A watertight microcontroller system monitors and controls the main functions, operation is as easy as child's play (Plug & Play)
- Pollutant rakes on the sieves reliably remove string algae and other larger particles from the drum
- Incomparably quiet through extensive noise damping
- Powerful, high quality pressure pump is integrated for flushing the drum



2

## MOVING BED MODULE

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

- Extremely large, protected settlement surface for microorganisms (704 m²/m³)
- Innovative bypass technology for optimal movement of the Hel-X bio-elements, even at high flow rates
- Removal of toxins, such as ammonium / ammonia and nitrite.
- Hel-X Biomedium: 50 l decompose approx 300 g of fish food per day (can be extended to 75 l per module)
- Advantages of the moving bed process: Permanent, optimal oxygen supply; self-cleaning effect from dead biomass, know-how from industrial water treatment



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 Gravity Eco filter pumps and Bitron Gravity UVC clarifiers
- Maximum flexibility in the connection through DN 110 and 2" ducts
- To increase the filter capacity, it is 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



## 1 Drum filter module – intelligence sets the pace.

The drum module is not only an intelligent filter system, it also removes coarse debris before the debris reaches the filter bacteria. The exceptional filter with a maximum flow rate of 33 m<sup>3</sup>/h ensures crystal clear water. A microcontroller system automatically monitors and controls the main functions. Maximum convenience is guaranteed; with the easy operation the automatic self-cleaning can also be individually adjusted.



[www.oase-livingwater.com/proficlearfilm](http://www.oase-livingwater.com/proficlearfilm)



## 1 ProfiClear Premium Drum filter pump fed

## 1 ProfiClear Premium Drum filter gravity fed system

### ProfiClear Premium

Dimensions (L x W x H)	mm	830 x 600 x 820	
Power consumption	W	5	
Power consumption cleaning	W	1090	
Cable length	m	2.00 + 5.00	
Guarantee* P.104 (+request guarantee)	Years	2 + 1	
Control unit		Microcontroller	
Temperature display		Digital	
Coarse debris extraction	µm	60.00	
Flush pump		6 bar	
Flush automation		Sensor, time interval, manual	
Material		GRP Duroplast / stainless steel	
Number of inlets	EA	2	4
Connections, inlet		50 mm (2")	DN 110
Number of outlets	EA	2	
Connections, outlet		DN 150	
Connection, flush trough		DN 110	
Connection to		Bitron Eco, Bitron C	Bitron Gravity
Min. flow rate	l/h	10000	
Max. flow rate	l/h	25000	33000
Install height above the water level	cm	40	13
Type of use		Pump fed system	Gravity fed system
Item no.		50774	56775



			
<b>ProfiClear Premium</b>	<b>2</b>	<b>ProfiClear Premium Moving bed module</b>	<b>3</b> ProfiClear Premium Individual module
Dimensions (L x W x H)	mm	830 x 600 x 820	
Guarantee* P.104 (+request guarantee)	Years	2 + 1	
Biological filter surface	m²	43.0	–
Biolog. filter surface protected	m²	35.5	–
Material		GRP Duroplast	GRP / stainless steel
Number of inlets	EA	2	
Connections, inlet	mm	180	
Number of outlets	EA	2	
Connections, outlet		DN 150	2", DN 110
Min. flow rate	l/h	10000	
Max. flow rate	l/h	33000	
Connection to		AquaOxy 2000–4800	Bitron Gravity, AquaMax Eco Gravity
Install height above the water level	cm	13	
Type of use		Pump fed system, gravity fed system	
Item no.		50772	50771

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

50 l of Hel-X decomposes approx 300 g of fish food per day. If necessary, the fill level already contained can be extended from 50 l auf 75 l (450 g fish food) per Moving Bed Module with an additional aeration. **Up to 3 Moving Bed Modules per row can be inserted in succession.** Among other factors, biological performance depends on temperature, food quality and the degree to which the Hel-X is settled with microorganisms.




### 2 Moving Bed module – Hel-X ensures optimum media circulation.


*In this module professional Hel-X biomedia ensure an extremely effective decomposition of nutrients and pollutants in the water. With their unusual structure they offer an incomparably large protected settlement surface for microorganisms. The moving bed process and the innovative bypass technology ensure optimal movement of the biomedia, even at high flow-through rates, as well as for self-cleaning of the dead biomass. The pre installed aerator bar integrated in the module ensures additional oxygen.*

### 3 Individual module – flexible with maximum effectiveness.

*Here the filter system is adapted individually to the pond and the desired use. The module offers extensive connection possibilities for additional system products, such as AquaMax Gravity Eco filter pumps or Bitron Gravity UVC clarifiers. In addition, stainless steel baskets with a fill volume of 8 litres are integrated in the flow area; these baskets can be filled with additional filter media, such as active charcoal or zeolite.*

## SELECTION TABLE PROFICLEAR CLASSIC

	Natural ponds & swim ponds (without fish stock)		40 m <sup>3</sup>	60 m <sup>3</sup>	80 m <sup>3</sup>	100 m <sup>3</sup>	120 m <sup>3</sup>	160 m <sup>3</sup>	200 m <sup>3</sup>
	Coarse debris extractor	EA	1	1	1	1	2*	2*	2*
	Filter foam module	EA	1	1	2	3	3	4	6
	Phosphate binder module	EA	-	1	1	1	1	2	2
	Pump chamber	EA	1	1	1	1	1	1	1
	Bitron 72 W	EA	1	1	—	—	2	—	—
	Bitron 110 W	EA	—	—	1	—	—	2	—
	Bitron Eco 120 W	EA	—	—	—	1	—	—	2
	optional: Bitron Gravity	EA	1	1	2	2	2	2	2
	Pump capacity / h = pond size / x	EA	8	8	8	8	8	8	8
* Double-row configuration (The filter system must be operated in two filter rows that are separate from each other) This table considers the usual flow losses within the filter system.									

	With fish stock (up to 1 kg/1000 l)		20 m <sup>3</sup>	30 m <sup>3</sup>	40 m <sup>3</sup>	50 m <sup>3</sup>	60 m <sup>3</sup>	80 m <sup>3</sup>	100 m <sup>3</sup>
	Coarse debris extractor	EA	1	1	1	1	2*	2*	2*
	Filter foam module	EA	1	1	2	3	3	4	6
	Phosphate binder module	EA	-	1	1	1	1	2	2
	Pump chamber	EA	1	1	1	1	1	1	1
	Bitron 72 W	EA	1	1	—	—	2	—	—
	Bitron 110 W	EA	—	—	1	—	—	2	—
	Bitron Eco 120 W	EA	—	—	—	1	—	—	2
	optional: Bitron Gravity	EA	1	1	2	2	2	3	4
	Pump capacity / h = pond size / x	EA	4	4	4	4	4	4	4
* Double-row configuration (The filter system must be operated in two filter rows that are separate from each other) This table considers the usual flow losses within the filter system.									

### How to calculate the right UVC power for your pond

Ponds without fish stock: 1 W UVC power per m<sup>3</sup> pond volume

Ponds with fish stock: 2 W UVC power per m<sup>3</sup> pond volume

Ponds with koi stock: 4 W UVC power per m<sup>3</sup> 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 m<sup>3</sup>/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 25 l

Extra media for Moving Bed Modules.

Increases the biological performance.

2 x 25 l suffices for approx 300 g fish food / day.

Item no. 51060



### Discharge set ProfiClear Premium pump fed system

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

Item no. 50949



### ProfiClear Screendrive

Takes over regular and automatic cleaning of the coarse debris extractor in the ProfiClear Classic Coarse debris extractor module.

Item no. 57094




### ProfiClear Premium sieve Set 150 µ

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


Item no. 50947

## SELECTION TABLE PROFICLEAR PREMIUM




Natural ponds & swim ponds		40 m³	60 m³	80 m³	100 m³	120 m³	160 m³	200 m³
Drum filter modul	EA	1	1	1	1	1	1	1
Moving Bed filter module	EA	1	1	1	1	2	2	2
Individual module	EA	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
Pump capacity / h = pond size / x	EA	8	8	8	8	8	8	8

This table considers the usual flow losses within the filter system.



With fish stock		20 m³	30 m³	40 m³	50 m³	60 m³	80 m³	100 m³
Drum filter modul	EA	1	1	1	1	1	1	1
Moving Bed filter module	EA	1	1	1	1	2	2	2
Individual module	EA	1	1	1	1	1	1	1
Bitron 72 W	EA	1	1	—	—	—	—	—
Bitron 110 W	EA	—	—	1	—	—	—	—
Bitron Eco 120 W	EA	—	—	—	1	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
Pump capacity / h = pond size / x	EA	4	4	4	4	4	4	4

This table considers the usual flow losses within the filter system.



Koi ponds		15 m³	20 m³	25 m³	45 m³ (pumped)	50 m³ (gravitation)	60 m³	70 m³	90 m³
Drum filter modul	EA	1	1	1	1	1	2*	2*	2*
Moving Bed filter module	EA	1	1	1	2	3	2	3	4
Individual module	EA	1	1	1	1	1	2	2	2
Bitron 110 W	EA	1	1	—	—	—	—	—	—
Bitron Eco 120 W	EA	—	—	1	—	—	2	1	—
Bitron Eco 180 W	EA	—	—	—	1	—	—	1	1
Bitron Eco 240 W	EA	—	—	—	—	—	—	—	1
Bitron Gravity (gravity fed system)	EA	1	1	2	—	2	3	4	4
Pump capacity / h = pond size / x	EA	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5

\* Double-row configuration (The filter system must be operated in two filter rows that are separate from each other).  
This table considers the usual flow losses within the filter system and expert recommendations for sterilisation capacity in koi ponds.



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

## *UVC clarifiers and aerators: provide optimal clarity and conditions in the pond*

Clear and healthy water ensures undisturbed pond enjoyment. But what happens when suspended algae or other particles turn the water green and lessen the enjoyment of the garden pond? There is a remedy. Simply place the UVC clarifier in the water circuit; ideally before your filter. The special light radiation in the interior of the UVC clarifier kills off algae and

bacteria, and germs are eliminated. Pond type and water volume determine the capacity your UVC device should have. The ideal supplement to a filter system is an additional oxygen supply. With the OASE aerators, as well as the new generation OxyTex, you provide an optimal and healthy climate in your pond.





## VITRONIC



The OASE Vitronic is the ideal entry to the world of UVC clarifiers up to 55 W. The algae pumped through the housing are safely eliminated. Thanks to the visual function check the status of the UVC bulb is always shown.

**NEW** The Vitronic 24 W In addition, the devices 18–36 W can now be easily connected to the BioSmart and BioTec flow-through filters!

## AQUAOxy



The classic among the aerators for ponds up to 50 m³ or with a high fish stock. In the summer season it can be set up completely independently of the weather – the AquaOxy 4800 must be protected from splashing water.

## BITRON ECO



The revolution among the UVC clarifiers with highest level of efficiency thanks to an even longer water dwell time. The irradiation times are regulated automatically and thus energy costs are reduced by as much as 50%! The clever cleaning automation ensures permanent, intensive UV irradiation from 120–240 W.

## OXYTEX



Through its plant like appearance the pond aerator is integrated seamlessly in the water landscape. With the use of the OxyTex, in addition to the large surface and extra oxygen the filter capacity is increased by up to 25%. It is also available with an aerator pump in a set.

\* 2 opposite 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. CO<sub>2</sub> calculation: [www.iwr.de](http://www.iwr.de)



## Universal UVC clarifiers



- Suitable for ponds up to 60 m<sup>3</sup>
- Elimination of suspended algae (green water)
- Reduction of harmful bacteria and pathogen level
- New: Direct installation on the BioSmart (only Vitronic 18 – 36 W)
- Visual function check of the UVC bulb
- Quick release for easy bulb change and cleaning of the quartz glass
- 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



			NEW	NEW	NEW	
		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.104	Years	2				
UVC power	W	11	18	24	36	55
Connections, 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*	m³	2.5	5.0	6.5	10.0	15.0
Connection to		BioSmart 18000 / 36000, BioTec ScreenMatic 12 – 18				
Item no.		57370	56837	56869	56885	57373

## *UVC clarifiers with patented self cleaning and bypass technology*



- Suitable for ponds up to 110 m<sup>3</sup>
- Elimination of suspended algae (green water)
- Reduction of harmful bacteria and pathogen levels
- UVC radiation is at its best at all times thanks to patented, autonomous bulb cleaning
- 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
- Energy efficient thanks to electronic ballast
- Integrated magnets protect the UVC technology against limescale deposits
- Patented self-cleaning technology

### PRO



Matching filtersysteme on page 34, 36, 40, 42, 43

		NEW	NEW	NEW		
		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.104	Years	2				
UVC power	W	24	36	55	72	110
Number of inlets	EA	1				
Connections, outlet	mm (inch)	25 / 32 / 38 (1", 1¼", 1½")				
Min. flow rate	l/h	4000	8000			12000
Max. flow rate	l/h	15000	30000			40000
Suitable for ponds up to max.	m <sup>3</sup>	25.0	40.0	60.0	75.0	110.0
Suitable for ponds with fish stock	m <sup>3</sup>	12.5	20.0	30.0	37.5	55.0
Suitable for ponds with koi*	m <sup>3</sup>	6.5	10.0	15.0	19.0	27.5
Connection to		BioSmart 18000/36000	BioSmart 18000/36000.	BioTec ScreenMatic 12 – 18	ProfiClear, BioTec 30. BioTec SreenMatic 36	
Item no.		56804	56799	56823	56901	56902

\* Note: When planning a new pond with koi stock, please ensure a minimum pond size of 5 m<sup>3</sup>!

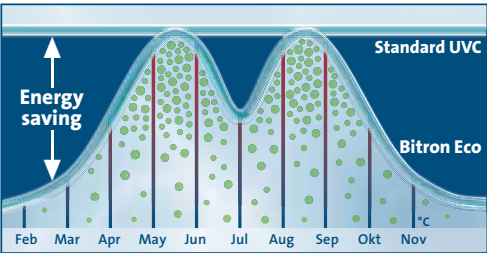
# BITRON Eco \* P.104

The most efficient  
UVC clarifier in its class



- Concentrated UVC power clears ponds up to 240 m<sup>3</sup>
- 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 dwell time
- Eco control system enables maximum energy efficiency with savings potential of up to 50%\*<sup>2</sup>
- More protection for the climate. Eco mode saves up to 525 kg CO<sub>2</sub>/year\*<sup>2</sup>
- UVC radiation is at its best at all times thanks to patented, autonomous bulb cleaning
- 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
- Protection class IP68 enables direct set up at the edge of the pond
- Simple connection to other 2" filter systems

## PRO



	NEW		
	Bitron Eco 120 W	Bitron Eco 180 W	Bitron Eco 240 W
Dimensions (L x W x H)	725 x 227 x 248		
Power consumption	120	180	240
Power cable length	5.00		
Guarantee (+ request guarantee)* P.104	2 + 1		
UVC power	120	180	240
Number of inlets	1		
Connections, inlet	38 / 50 (1½", 2")		
Connections, outlet	38 / 50 (1½", 2")		
Min. flow rate	10000		
Max. flow rate	50000		
Max. operating pressure	1.00		
Suitable for ponds up to max.	120.0	180.0	240.0
Suitable for ponds with fish stock	60.0	90.0	120.0
Suitable for ponds with koi* <sup>1</sup>	30.0	45.0	60.0
Connection to	ProfiClear, BioTec 30, BioTec ScreenMatic 36		
Other	LED function check		
Item no.	56769	56405	56410

\* 2 opposite 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. CO<sub>2</sub> calculation: [www.iwr.de](http://www.iwr.de) <sup>\*1</sup> Note: When planning a new pond with koi stock, please ensure a minimum pond size of 5 m<sup>3</sup>!



# BITRON GRAVITY \* P.104

*Highly efficient – perfect for gravity fed filter systems*

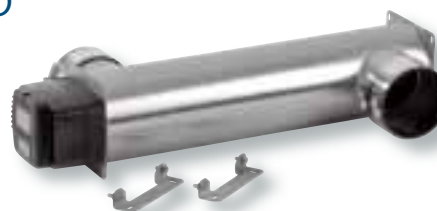
- Suitable for ponds up to 70 m<sup>3</sup>
- Extremely effective elimination of algae and pathogenic bacteria (to 12.5 m<sup>3</sup>/h) – similar to an immersion UVC
- Energy efficient thanks to electronic ballast
- Effective sterilisation, thanks to long water dwell time in the Bitron
- Flow optimised reactor design ensures direct and virtually loss free UV radiation
- 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

## Extras

*Can be optimally integrated in the ProfiClear Premium system.*



## PRO



Matching filters systems on page 40, 42

		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.104	Years	2
UVC power	W	55
Connections, inlet		DN 110
Connections, outlet		DN 110
Max. flow rate	l/h	30000
Max. operating pressure	bar	0.60
Rec. flow rate (gravitation)	l/h	12500
Suitable for ponds up to max.	m <sup>3</sup>	70.0
Suitable for ponds with fish stock	m <sup>3</sup>	40.0
Suitable for ponds with koi*	m <sup>3</sup>	25.0
Material		plastic / stainless steel
Connection to		ProfiClear, AquaMax Gravity Eco
Type of use		Pump fed system, gravity fed system
Other		Visual function check
Item no.		50946

\*Note: When planning a new pond with koi stock, please ensure a minimum pond size of 5 m<sup>3</sup>!

# 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 long hose length
- Easy handling
- Included in the scope of delivery: Air stones and replacement membrane set



NEW

		AquaOxy 500	AquaOxy 1000	AquaOxy 2000
Dimensions (L x W x H)	mm	185 x 140 x 110	220 x 225 x 135	
Rated voltage (primary, secondary)		230 V / 50 Hz	230 V / 50 Hz , 12 V / AC	
Power consumption	W	8	15	25
Power cable length	m	3.00	—	
Guarantee* P.104	Years	2		
Max. flow rate	l/h	500	1000	2000
Pressure	bar / m	0.20 / 2.00		0.25 / 2.50
Mechanical adjustment		No	Yes	
Hose (quantity / length / diameter)		2 EA / 5 m / 4.5 mm		
Number of outlets	EA	2		
Suitable for ponds up to max.	m³	5.0	10.0	20.0
Outdoor suitability		unlimited		
Number of air stones	EA	2		
Item no.		57567	37125	57437

## Extras

**Recommendation**  
The AquaOxy aerator pumps are optimally  
matched to the OxyTex.  
With the AquaOxy 4800 an OxyTex can be  
used at depths to 3 m.

# OXYTEX / SETS

*Pond aerator and  
filter medium in one*



- Unique combination of oxygen supply, water circulation and nutrient decomposition
- Ample space for microorganisms thanks to surface optimised fibre structure
- Ideal supplement for the FiltoMatic CWS and FiltoClear, filter capacities can be increased up to 25%
- Attractive plant effect design
- Optimised for connection to existing aerator pumps (incl. adapter for 9 mm hoses)
- Connection ready complete sets with aerator pump AquaOxy and OxyTex
- Patent applied for



		OxyTex 400	OxyTex 1000	OxyTex Set 1000	OxyTex Set 2000
Dimensions (Ø x H)	mm	144 x 290		220 x 300	
Rated voltage (primary, secondary)		—		230 V / 50 Hz , 12V/ AC	
Power consumption	W	—		15	25
Cable length 12V device	m	—		2.00 (power unit) + 3.00	
Guarantee* P.104	Years			2	
Biological filter surface	m²	1.5	3.5		7.0
Max. operating pressure	bar			0.40	
Pump capacity, max.	l/h	500	1000		2000
Hose (quantity / length / diameter)		1 EA / 5 m / 4.5 mm		2 EA / 5 m / 4.5 mm	
Increase in filter capacity		Up to 10%		Up to 25%	
Other		1 OxyTex, incl. 9 mm adapter		1 OxyTex	2 OxyTex
Item no.		50443	50290	50249	50275

*»The best care  
for my pond!«*



## CLEANING AND CARE: HELPING IN ALL SEASONS

**This also applies to garden ponds: True beauty comes from within and must be cultivated. Assuring the quality of your pond water is crucial for the entire biological balance. With OASE you have a wide selection of products to help you with this.** The products of the OASE pond care program provide totally individual support in this regard. These include pond vacuums or skimmers

of the AquaSkim series. They remove coarse pollutants before they burden the water quality. Nevertheless, should debris sink to the bottom, pond vacuums Pondovac Classic and Premium can be used. Also discover the extensive and competent AquaActiv pond care product line. Give your pond the direct support it needs with clever products, such as BioKick Premium as high-





**Effective  
and gentle!**

The OASE pond  
and fish care

performance starter cultures and PhosLess Direct or ALGo Bio Protect to protect against algae growth. With the proven Quicksticks check water quality and you can then react appropriately with the products from the OASE 3-step plan. You keep your garden pond free of algae. Learn more on the following pages.

## CLEANING & CARE

### SWIMSKIM (Page 58)

#### *The floating surface skimmer*

- Powerful suction cleaning of pond surfaces up to 50 m<sup>2</sup>
- Integrated aerator function for oxygen supply
- Easy and convenient cleaning



### PONDOVAC 4 (Page 63)

#### *Convenient and effective pond and pool vacuum*

- Continuous vacuum thanks to patented two chamber system
- Maximum suction depth of 2.4 m
- Also ideal for cleaning pools and swim ponds



### AQUAACTIV POND CARE (Page 68)

#### *For clear living water*



### AQUAACTIV FISH MEDICINE\* (Page 75)

#### *For healthy fish*



# SWIMSKIM

*Floating for clear water surfaces*

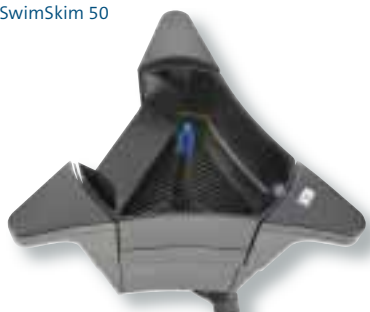


- Powerful suction cleaning of pond surfaces up to 50 m<sup>2</sup>
- The result is clearly improved water quality and viewing depth through direct removal of pollutants on the surface
- Integrated injector that enriches the pond with oxygen
- Extremely strong suction
- Including whirlpool function for 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



## Extras

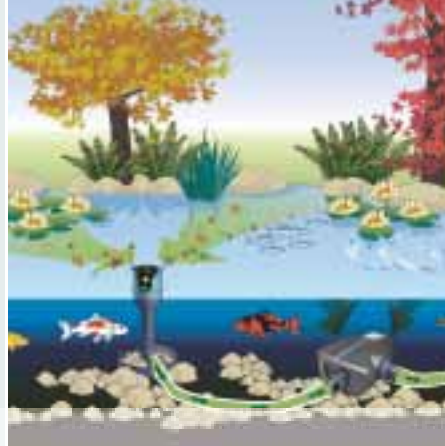
### Recommendation

*The SwimSkim 50 can be fixed in place either on the pond floor or with the provided ground stakes at the edge of the pond.*

		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	
Net weight	kg	2.68	4.54
Filter volume	l	0.9	4.5
Pos. water level difference		Unlimited	
Pump capacity, max.	l/h	2500	3500
Aerator function	l/h	300	600
Whirlpool function		No	Yes
Item no.		50124	50170

# AquaSKIM

*Variable stationary  
and gravity fed skimmer*



- Powerful suction cleaning of pond surfaces up to 40 m²
- 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
- Adaptation to differences in the water level to 160 mm
- Ideal combination with AquaMax Eco Premium filter and watercourse pumps



## Extras

### Recommendation

*The AquaSkim is the ideal supplement for the filter pump AquaMax Eco Premium.*

		AquaSkim 20	AquaSkim 40	AquaSkim Gravity
Dimensions (Ø x H)	mm	350 x 800		190 x 260
Net weight	kg	1.60	1.82	1.28
Height adaptation	mm	320-550/550-800		–
Tube diameter	mm	80		110
Filter volume	l	1.2	1.4	
Pos. water level difference	mm	100	120	120
Pump capacity, min.	l/h	4000	8000	
Pump capacity, max.	l/h	8000	16000	
Connections, outlet	mm	25 / 32 / 38		–
Connections, outlet		1", 1¼", 1½"		DN 110
Item no.		51236	56907	51237

# BIOSys SKIMMER +

Skimmer for installation on the pond edge



- Powerful suction cleaning of pond surfaces up to 50 m²
- 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
- Compensation of water level fluctuations up to 100 mm
- For operation with AquaMax Eco in integrated pump chamber
- Included in the scope of delivery: Cover in natural rock look



## Extras

**Recommendation**  
*For the best possible result, surface skimmers should be installed on the side of the pond that is away from the wind.*

		BioSys Skimmer +
Dimensions (L x W x H)	mm	580 x 400 x 450
Net weight	kg	5.32
Guarantee (+ request guarantee)*P.241	Years	3 + 2
Pos. water level difference	mm	100
Skimmer opening width	mm	220
Filter volume	l	12.0
Pond surface, max.	m²	50
Pump capacity, min.	l/h	6000
Pump capacity, max.	l/h	16000
Connections, outlet	mm	25 / 32 / 38
Connections, outlet		¾", 1", 1¼", 1½"
Item no.		57137



# PROFISKIM

*The pro for the shallow water zone*



- Powerful suction cleaning of pond surfaces up to 65 m<sup>2</sup> or up to 80 m<sup>2</sup>
- Ideal implementation in shallow water zones
- Can be used in gravity fed operation (DN 110) or pump fed operation (incl. 2" 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. On request, a debris basket with 2 mm mesh width is available for the ProfiSkim Premium
- ProfiSkim Premium with stable stainless steel base for even easier installation



Matching filter pumps starting on page 19

## Extras

### Recommendation

*Ensure that the skimmer is installed in a horizontal position and confirm this with a spirit level. Place the skimmer in such a manner that you can execute maintenance tasks, such as emptying the basket.*

		ProfiSkim 100	ProfiSkim Premium
Dimensions (L x W)	mm	780 x 585	500 x 340
Net weight	kg	13.06	10.00
Guarantee (+ request guarantee)*P.241	Years	3 + 2	
Height adaptation		350 mm – 550 mm	
Connections, outlet	mm	50	
Connections, outlet		2", DN 110	2", DN 110
Rec. flow rate (pump-fed)	l/h	10000 – 20000	6000 – 16000
Rec. flow rate (gravity-fed)	l/h	10000 – 12000	6000 – 12000
Filter volume	l	12.0	7.0
Pond surface, max.	m <sup>2</sup>	80	65
Item no.		57134	51185

# PONDOVAC CLASSIC

Wet and dry vacuum  
for pond and household



- Silt removal through powerful 1.400 W motor
- Automatic activation and emptying through clever motor control
- Compact design with 27 litre 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 (see details), 1 filter bag, 1 coarse debris collection sack and 4 m suction hose and 2 m drain hose

## START



### Tip!

Optimum suction  
at 40 cm above the maximum  
suction depth.

		PondoVac Classic
Dimensions (L x W x H)	mm	370 x 370 x 580
Power consumption	W	1400
Power cable length	m	4.00
Guarantee* P.104	Years	2
Suction depth max.	m	2.00
Length, suction hose	m	4.00
Length, discharge hose	m	2.00
Item no.		50110

# PONDOVac 4

*Convenient pond and pool vacuuming without bothersome interruptions*



- 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 1.700 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
- Delivered with special string algae nozzle, widened universal nozzle, wet vacuum brush, brush nozzle for corners and stubborn debris, debris collection bag for retention of coarse particles, 5 m suction hose and 2.5 m discharge hose
- Hand regulator for adjusting the suction power

## 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	380 x 415 x 685
Power consumption	W	1700
Power cable length	m	4.00
Guarantee* P.104 (+ request guarantee)	Years	2 + 1
Suction depth max.	m	2.40
Length, suction hose	m	5.00
Length discharge hose	m	2.50
Item no.		50391



## 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 1.9 m 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

## AQUANET POND NETS

*Protects the pond from falling leaves in autumn*

- Prevents silt up 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

### *For ease of use in and around the garden pond*

#### **Recommendation**

*Regular care is important for healthy growth of pond plants. For this we recommend the new FlexiCut 2 in 1. It simultaneously cuts and firmly grasps so that plant remains can be quickly and easily removed from the pond. The adjustable head protects the pond liner from cuts and enables convenient work, even at locations that are difficult to access.*

## POND TOOLS

### *Pond cleaning without dirty hands*

- Scissors for trimming tasks in and around the garden pond
- Perfect for removing foreign bodies and plant debris from the pond
- The clou for quick and easy working:  
The 2 in 1 pond scissors FlexiCut with his 1.6 m long handle type that simultaneously hold and cut plants when cutting.
- FlexiCut scissors head available as spare part from OASE (Item no. 51272)

**FlexiCut 2 in 1**  
**Item no. 51243**

**Pond scissors**  
**Item no. 36303**

**Pond pliers**  
**Item no. 36304**



# ICEFREE

*Ensure your pond is safe this winter*



- To  $-20^{\circ}\text{C}$  an ice free area is generated around the float body
- Ensures oxygen access to the water and allows harmful fermentation gases to escape
- Extremely energy-efficient pump technology without additional heating element for the IceFree 20 (requires a depth of at least 80 cm)
- Maintains the warm temperature zones on the floor, particularly with the IceFree Thermo models
- 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.**
- Resistance heating technology for higher performance in the freezing range, and protection against temperature damage on air.



		IceFree 20	IceFree Thermo 200	IceFree Thermo 330
Dimensions (L x W x H)	mm	120 x 120 x 850	300 x 135 x 270	300 x 135 x 334
Rated voltage		230 V / 50 Hz	220–240 V / 50 Hz	
Power consumption	W	5	200	330
Power cable length	m	10.00		
Guarantee* P.104	Years	3	2	
Max. flow rate	l/min	7	–	–
Max. head height	m	0.75	–	–
Frostwächterfunktion		No		Yes
Item no.		56534	51230	51231

# POND CARE – IT'S EASY

*Suitable helpers  
for any season*



Spring, summer, autumn and winter: Each season has its peculiarities, and thus the garden pond also requires appropriate care. We have put together several tips for seasonal cleaning and care to ensure enjoyment of your pond throughout the year, to ensure the well-being of the fish and that the natural balance remains intact.

**Spring:** Getting started! At the start of the season there are some things to do. Now it is time for water cleaning and plant care. Optimal water conditions can be easily achieved with the basic care product AquaActiv OptiPond, and you can really get the filter biology moving with the BioKick filter starters. The algae net removes bothersome pond growth, and to prevent subsequent algae growth simply suction up any silt on the pond floor, ideally with the PondoVac 4. Bring on the summer!

**Summer:** The motto for this season is: As little as possible and as much as necessary. Only intervene in a support capacity, in order to maintain the beauty of your garden pond for as long as possible and to prevent the body of water from spoiling. Remove undesired leaves and string algae, and cut back plants that have blossomed with the FlexiCut 2 in 1 pond scissors, so that the water quality is not impaired due to excess nutrients from the roots. In this season a surface skimmer not only ensures a good view of your fish, it also ensures better water quality. Ensure the water level is topped up, if the quantity of water is reduced due to evaporation in dry spells. Keep the filter system, as well as watercourses run 24 hours per day. Your pond in addition will be supplied with important oxygen. And then: Enjoy the most beautiful time of year at your pond!

**Autumn:** In the Autumn things get serious: Use of effective pond helpers is now required. Remove silt and other sediments (e.g. with the PondoVac 4) and remove the plant remains. Now strengthen the fish for the winter with QuickFit and cover the

garden pond with the AquaNet pond net; the net prevents leaves from blowing into the pond, sinking to the bottom, and prevents excessive nutrient input from impairing the water quality.

**Winter:** Naturally winter is the quietest time of year. This also applies for the pond and its care. Nevertheless, you should prepare the garden pond and its inhabitants for colder temperatures and frost. The fish in the pond need a depth of at least one metre, so that there is sufficient space for settlement and warmer zones in spite of the layer of ice. Always ensure that there is a small hole in the ice cover, so that pond inhabitants can breathe and fermentation gases can escape. A practical ice preventer from the IceFree series (page 170) helps in this regard. Using PhosLess inserts during the winter removes excess phosphates and thus prevents algae growth in the new season. Also remember to make the entire filter system winter-proof in accordance with the recommendations – this ensures that your garden pond and its inhabitants are prepared for the cold season.

## Extras

### Recommendation

*Ensure that you have a well maintained filter system. It can save you a lot of work. More in this regard starting on page 24.*

*The comprehensive AquaActiv care program helps you care for your garden pond and your fish. Starting on page 68.*



**Your direct path to ideal  
water values:**

If you want to know precisely what the status of the water quality is in your pond, with the new OASE Online Laboratory you get the analysis of individual parameters and best of all – you also get helpful tips and recommendations: [www.oase-livingwater.com/onlineLabor](http://www.oase-livingwater.com/onlineLabor)

## *AquaActiv: Clear living water*

**The sensitive pond biology is frequently burdened by excessive fish stock, rainfall and too much sunlight or leaves. The consequences are poor water quality, excessive algae and silt formation or even fish disease.** AquaActiv is effective treatment against these factors

and restores the biological balance in the pond. You help your pond to help itself. The entire concept of the successful pond care series based on our years of experience and the support from recognised experts.

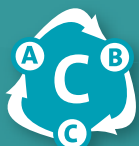




IMPROVING  
WATER QUALITY



BINDING  
NUTRIENTS



CONTROLLING /  
PREVENTING ALGAE



DISINFECTION

The AquaActiv **3 Step Plan** shows you the biologically effective path to an algae free pond and allocates the AquaActiv products to steps A, B, or C. In this plan the two first steps ensure decomposition of the excess nutrients, step C contains algaecides that you can subsequently use if steps A and B are not successful.

### Fast, effective and clear – disinfection for some ponds or water pools

Biofilm formation, microorganisms or algae growth on the surface can cloud the enjoyment on the modern garden. Correctly dosed, the OASE disinfection products keep bodies of water, such as swim ponds, architectural pools or ornamental fountains clear and fresh. However, ensure that these agents are not used on fish ponds or biotopes.

## WATER ANALYSIS

*With important values always in mind*

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

### QUICKSTICK 6 IN 1

- For fast, simple, and reliable water analysis of the 6 most important values
- One minute is all it takes
- Suitable for testing approximately 50 water samples (300 parameters)

*Item no. 50570*



### WATER ANALYSIS PROF-I-SET

- Professional drop solutions for precise determinations of all important pond parameters
- Phosphate test incl. shelf life check solution
- Incl. measurement accessories, colour charts, and useful application instructions
- Delivered in a modern plastic case

*Item no. 50571*



## IMPROVING WATER QUALITY

### • Starter cultures

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

### Filterstarter im Vergleich

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

## 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

**Item no.** 51277 50295 50939



Container size:  
100 ml | 200 ml | 2 l

## 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 20 minutes through significantly increased number of bacteria
- Ideal for activating filter systems, particularly if there is fish stock
- More than 1 billion active micro-organisms / ml \*
- Ideal for ponds with moderate fish stock

**Item no.** 50562



Container size:  
450 ml + 50 g



## 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 \*
- New: Including ampoule opener
- Ideal for highly stressed ponds, particularly with koi stock

**Item no.** 51280



Container size:  
4 x 20 ml

\*At the time of filling



## IMPROVING WATER QUALITY

### • De-chlorination

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

The Aqua Activ products are available in different container sizes.



### OPTIPOND

*For the best water conditions*

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

**Item no. 50557 50558**

### SAFE&CARE

*De-chlorinator with mucous membrane 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

**Item no. 50563**

### OXYPLUS

*Immediate oxygenation with fast sinking granules*

- 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 algal bloom

**Item no. 50559**

### POND CLEAR

*For crystal clear pond 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

**Item no. 51276 50552 50555**

### SEDI FREE

*Pond silt remover*

- 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 algal bloom
- Granulate with active oxygen sinks into the silt and oxidises it. Subsequent rapid decomposition of the silt through special bacteria

**Item no. 50560 50561**

### BIO KICK CARE

*Biological pond care*

- 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

**Item no. 51283 51288**



## BINDING NUTRIENTS

- *Binds toxins and pollutants*
- *Algae protection*
- *Binding phosphates*

Particularly efficient against excess nutrient and pollutants



## PONDLITH

### *Natural ammonia 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
- Per m³ pond volume 1 kg (without fish stock), 2 kg (with fish stock) or 3 kg (for koi ponds)

**Item no. 54049**

## AQUA HUMIN

### *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 the practical net bag

**Item no. 53759**

## PHOSLESS DIRECT

### *Algae protection with immediate effect*

- Binds excess phosphates and thus naturally reduces algae growth
- Binds hydrogen sulphides that can cause bad odours
- Easy to spread on the pond surface
- Keeps phosphates in anaerobic zones, such as pond silt
- 500 ml bind up to 80 g of phosphates!

**Item no. 51284 51287**

## PHOSLESS

### *Algae protection*

- Binds excess phosphates and thus naturally reduces algae growth
- Effective through 2-component technology in the exchange system
- Binds harmful 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

**Item no. 36981**

## PHOSLESS

### *Algae protection Refill pack*

- 15 x 2 l bags PhosLess CA and PhosLess FS
- Suitable for use in larger bodies of water
- Replacement medium for PhosLess filter media tubes
- Can also be directly applied in moving water
- Ideal in ProfiClear Premium

**Item no. 57477**

**Tip!**

*PhosLess algae protection is also available in a handy refill system.*







## CONTROLLING / PREVENTING ALGAE

- *Algae control*
- *Biological algae protection*

Cases of failure to success at levels A & B.



### *Recommendation*

*Many AquaActiv products are also available in attractive large containers.*



### ALGO UNIVERSAL

#### *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
- Effective without controversial copper additives
- Harmless for plants and animals when used properly
- Specifically effective against duckweed
- Prevents further algae growth

**Item no. 50543**

### ALGO BIO PROTECT

#### *Biological algae protection*




- Physically inhibits algae growth due to sunblock effect
- Contains a humic acid complex of natural raw materials
- Free of heavy metals and biocides
- Generates a barely perceptible amber colour, the vital UV light supply for the algae is significantly reduced
- Protects against excessive algae growth

**Item no. 51279**

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

# POND CARE AQUAACTIV

Here you will find pond care for every season.

	AquaActiv	January	February	March	April	May	June	July	August	September	October	November	December
	BioKick starter cultures		For starting the pond biology after winter				For a new system, acute problems, changing water without filter cleaning						
	OptiPond	Throughout the year, mostly after heavy rainfall and before algae treatment, likewise if there is low carbonate hardness and for pH value fluctuations											
	Safe&Care	For refilling, changing water, fish stock, and after use of medication								For preparing the fish for the winter			
	OxyPlus	For stimulation and vitalisation					Immediate aid for lack of oxygen					Support in winter	
	PondClear			For mineral cloudiness as well as suspended particles (not algae)									
	SediFree	Sediment decomposition after winter					After spring			Sediment decomposition before winter			
	BioKick Care		For clear, healthy pond water and for promoting the biological balance										
	PondLith			Biological filter medium for nutrient decomposition									
	AquaHumin			Biological algae protection									
	PhosLess algae protection	Withdraws phosphates before algae occur			Preventative measure after algae treatments						Withdraws phosphates before algae occur		
	PhosLess Direct	Withdraws phosphates before algae occur			Preventative measure after algae treatments						Withdraws phosphates before algae occur		
	AlGo Universal*				For treatment of acute algae problems								
	AlGo Direct*				For treatment of acute algae problems								
	AlGo Bio Protect				Biological prevention of algae problems								

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



## *Fish medicine: For healthy fish.*

With the OASE fish medicine you support the recovery of your pond inhabitants if there is disease or new stock in the water. Competent, reliable and highly-effective; the products ensure the health and well-being of your fish. We have developed these special products in close collaboration with the company,

Aquarium Münster, esteemed for more than 80 years of experience in the keeping and medical treatment of ornamental fish. Diseases such as parasite infestations, fungal or worm infestations or sometimes mixed infections can be treated with these products.



Pharmaceutical Manufacturers:

**Aquarium  
Münster**

*Fish like us*



**Tip!**

*Our recommendation:  
for any further questions – Dr. Achim  
Bretzinger, veterinary, specialist in fish.  
[www.koipraxis.de](http://www.koipraxis.de)*

## 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

**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

**Item no. 50565 50928**

## 2 ANTI FUNGUS\*\*

*Against fungal infections*

### Area of application

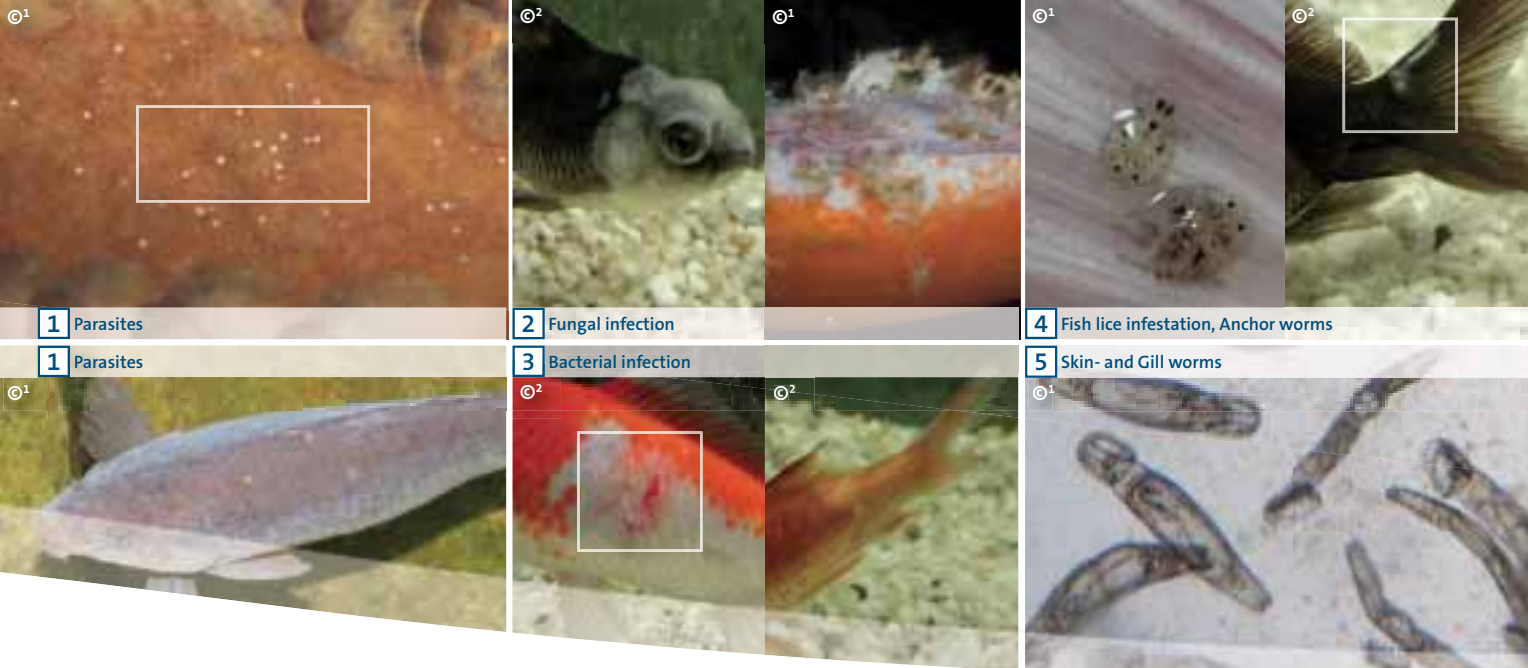
- Fungal diseases (Dermocystidium and Saprolegnia)
  - Bacterial diseases that accompany these infections
- Note: Fungal infections usually occur where the skin has been injured

### Symptoms

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

**Item no. 50566 50929**





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)
- Streptococci
- Injuries, inflamed skin

Symptoms

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

**Item no. 50568 50931**

NEW

### 4 ANTI ARGULUS\*\*

*Against fish lice and Anchor worms*

Area of application

Multi cell parasites (Metazoen), such as

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

Symptoms

- Increased respiratory activity
- Emaciation in spite of normal feeding behaviour
- Heavy abrasion
- Fish lice, anchor worm, fish leech (visible with the naked eye)

**Item no. 50567 50936**

NEW

### 5 ANTI WORM FORTE\*\*

*Against skin worms, gill worms and tapeworms*

Area of application

Multi cell parasites (Metazoen), such as

- Skin worms (Gyrodactylus)
- Gill worms (Dactylogyrus)
- Tape worms (Cestoden)
- Zerkarien

Symptoms

- Increased respiratory activity
- Emaciation in spite of normal feeding behaviour
- Heavy abrasion

**Item no. 57652**

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, AntiArgulus and AntiWorm forte are freely available medications in accordance with §60 of the German Drug Act (AMG) and the SAES.

*»My pond becomes  
a luminous haven  
of tranquillity!«*



## ILLUMINATION & POWER: FASCINATING LIGHT AND ENERGY EFFICIENCY COMBINED

**Every garden owner looks forward to the quiet evening hours as they enjoy relaxing outside alone or with friends. The flexible, economical lighting sets from OASE provide atmosphere.**

With well placed flood or spotlights, such as the OASE LunAqua series, trees and shrubbery can be high-

lighted and the garden can be made luminous. Thanks to its small size, the modern LED technology offers flexible design and setup possibilities on terraces, paths, in and on the pond – and it offers these possibilities with high energy efficiency and safe 12 V technology. Flexible InScenio power management ensures



Now discover  
the classic  
as LED!

reliable power supply, both for illumination and for the entire pond technology. Operating the technology via remote control is easy and convenient. And where mains power is not available OASE has suitable products for your garden with its solar product line.

## ILLUMINATION & POWER

### LUNAQUA 3 LED (Page 81)

*The classic as LED with extraordinary luminous intensity*

- Power LED underwater spotlight, for bright illumination, thanks to a powerful 110 lumen rating
- Extremely low power consumption of only 3 watt
- Broad half peak angle of 30° for flexible light accents in garden and pond



### INSCENIO (Page 85)

*Flexible & decorative power management*

- Flexible modular system
- Easy installation, can also be retroactively extended
- Protective cover protects against splashing water and mechanical stress



# LUNAQUA TERRA LED

Warm light recessed in the ground – as complete install set



- 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
- Robust rubber hose lines
- IP68 for continuous safe operation underwater and above the water (IP44 connection)
- Load bearing capacity for pedestrian and vehicular traffic up to 3 t
- 10 m extension cable available as an accessory and suitable for bulb and 6x connector (max. 2 x per strand)



## Extras

**Recommendation**  
Whether on the terrace, in the swim pond or in the pavement – the LunaAqua Terra LED is suitable for various implementation areas in the garden or in driveways. Installation is incredibly easy: Cable ducts, insert the bulb in the 40 mm bore - the romantic evening atmosphere is provided!

		LunAqua Terra LED  Solo	LunAqua Terra LED Extension cable
Dimensions (Ø x H)	mm		–
Rated voltage			
Power consumption light fixture	W		–
Power consumption set	W	–	–
Cable cross section	mm²		0.25
Protection class			IP 44
Power cable length	m	10.00	
Net weight	kg	0.30	0.10
Guarantee *P.104	Years		
Illuminant type			–
Light flux	lm		–
Light colour			–
Half peak angle	Degrees		–
Item no.		51056	51057



# LUNAQUA CLASSIC LED

*The all rounder –  
underwater and  
above the water*



- LED underwater spotlight for pleasant warm white light accents
- Suitable for use underwater and above the water
- Suitable for permanent underwater use, thanks to protection class IP68 (connection IP 44)
- Energy efficient with only 1 watt power consumption (multi LED)
- 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		12V	
Power consumption light fixture	W	1	
Energy efficiency category light fixture* <sup>1</sup>		A	
Light flux	lm	31	
Guarantee* <sup>P.104</sup>	Years	2	
Item no.		50527	50530

# LUNAQUA 3 LED

*The classic as LED with  
extraordinary luminous  
intensity*



- Powerful underwater LED spotlight for pleasant warm white light accents
- High energy efficiency at power consumption of 3 W
- Half peak angle of 30° for broad illumination of plants and other highlights
- Suitable for permanent underwater use, thanks to protection class IP68 (connection IP 44)
- Fast and easy installation thanks to Plug'n Play
- Included in the scope of delivery: 1 or 3 spotlights, 12V 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		12V	
Power consumption light fixture	W	3	
Energy efficiency category light fixture* <sup>1</sup>		A	
Light flux	lm	110	
Guarantee* <sup>P.104</sup>	Years	2	
Item no.		57034	57035

\*<sup>1</sup> Additional instructions concerning the energy efficiency classes are provided on page 107

# LUNAQUA MINI LED

Cold white or warm white accents in the garden and pond



- 1 W power LED, available in cold white and warm white
- Suitable for use underwater and above the water
- 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
- Ideal for illumination of fountains, ponds, and pond landscapes, as well as garden and terrace
- 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		220–240 V / 50/60 Hz	
Power consumption light fixture	W	< 1	
Energy efficiency category light fixture*1		A+	
Light flux	lm	46	33
Guarantee (+ request guarantee)*P.104	Years	3 + 2	
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
- Suitable for use underwater and above the water
- 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
- Incl. interchangeable optics for a half peak angle of 10° or 30°
- Wall mount and in ground installation possible
- Incl. ground stake and tool for wall mounting
- Star circuit and robust rubber cable

		LunAqua Maxi LED Solo	LunAqua Maxi Set 1	LunAqua Maxi Set 3
Dimensions (Ø x H)	mm	52 x 117		
Rated voltage		220–240 V / 50/60 Hz		
Power consumption light fixture	W	3		
Energy efficiency category light fixture*1		A		
Light flux	lm	61		
Guarantee (+ request guarantee)*P.104	Years	3 + 2		
Item no.		50509	50507	50508

# LUNAQUA 10 SYSTEM

*Powerful & flexible: The spotlight system for every implementation site*



- Optimally matched lighting system
- Robust connection technology with many implementation possibilities
- Seamlessly compatible with the existing LunAqua 10 connection technology
- Easy mounting via a connecting cable with special connections

## LunAqua 10 Halogen

- Available as spotlight without illuminant, cable and transformer (optionally available as an accessory)

## LunAqua 10 LED/01

- Incl. illuminant (not dimmable), transformer and cable available as an accessory
- Illumination range to 12 m



		LunAqua 10 Halogen	LunAqua 10 LED/1	Underwater transformer UST 150/01	Connection cable 2.5 m/01	Connection cable 5.0 m/01	Connection cable 7.5 m/01	LunAqua 35 Set
Dimensions (L x W x H)	mm	145 x 160 x 182		154 x 130 x 89	—	—	—	145 x 160 x 182
Rated voltage	V	12		—	—	—	—	—
Rated voltage (primary, secondary)		—	—	230 V/50 Hz, 12V	—	—	—	230 V/50 Hz, 12V
Power consumption	W	35–75	10	150	—	—	—	35
Energy efficiency category light fixture*1		—	A	—	—	—	—	B
Power consumption set	W	—	—	—	—	—	—	40
Light flux	lm	1250	365	—	—	—	—	—
Protection class		IP 68						
Power cable length	m	—	—	10.00	2.50	5.00	7.50	9.50
Guarantee*P.104	Years	2						
Light flux		Halogen	LED	—	—	—	—	Halogen
Item no.		54034	50366	50401	50402	50403	50404	54314

\*1 Additional instructions concerning the energy efficiency classes are provided on page 107

# LUNAQUA 3 SETS

Halogen spotlights



		LunAqua 3 Set 1	LunAqua 3 Set 2	LunAqua 3 Set 3
Dimensions (L x W x H)	mm	85 x 110		
Rated voltage (primary, secondary)		230 V / 50 Hz , 12V / AC		
Power consumption light fixture	W	20		
Energy efficiency category light fixture*1		B		
Light flux	lm	300		
Protection class		IP 68 , IP 44 (transformer)		
Power cable length	m	2.00 (power unit) + 5.00		
Guarantee*P.104	Years	2		
Description		<ul style="list-style-type: none"><li>• Consisting of LunAqua 3 spotlight(s) and pro set either 1 x, 2 x or 3 x ground stake, wall / floor bracket, spotlight base, nozzle bracket, coloured lens set</li><li>• With spray water resistant transformer</li></ul>		
Item no.		56903	56904	57206

\*1 Additional instructions concerning the energy efficiency classes are provided on page 107



# 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*



*InScenio Rock cover in stone décor elegantly conceals the technical unit. (optional accessory)*

*Splash guard*



*For your safety the InScenio cover protects the electronic components from splashing water.*

*Main module*



*Example – InScenio FM-Master 3 offers four power outlets of which two can be switched on and off. One input offers permanent power and one a dim function.*

*Remote control*



*From a range of up to 80 m all functions can be easily and conveniently activated.*

## Extras

### Accessories

*InScenio Rock sand  
Cover in rock effect suitable  
for all InScenio FM-Master  
 housings.  
Item no. 50417*

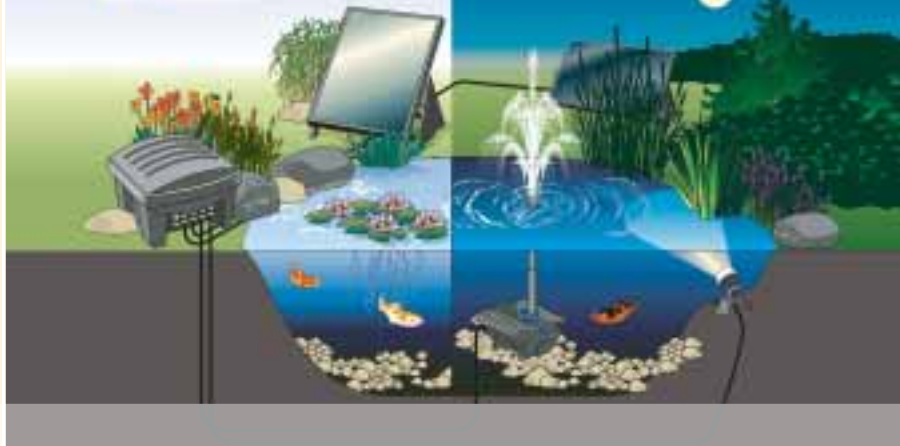


		InScenio FM-Master 3
Dimensions (L x W x H)	mm	215 x 155 x 295
Rated voltage		220–240 V / 50 Hz
Max. total load power	W	3600
Max. total load current	A	16.0
Net weight	kg	1.80
Guarantee* P.104	Years	2
Hand-held transmitter / range max.	m	80.00
Power outlets, permanent	EA	1 x 220–240 V
Power outlets on / off max. 2000 W	EA	2 x 220–240 V
Power outlets, dimmable	EA	1 x max. 40–320 W
Item no.		56473

\*1 Max. 1 pump connection

# SOLAR COMPONENTS

*Use new energies – and not only for the good of the environment*



- The solution is as elegant as it is simple for allotment gardens and other locations without a power supply
- High quality matched components: Solar cell, storage and control unit, fountain pump and illumination
- Extremely robust and convenient plug connections for all components ensure safe and fast installation
- The consumers operate even in poor light conditions thanks to the SolarSafe electronically regulated storage and control unit (optional)

## Extras

### Recommendation

*With a full battery the SolarSafe 41 enables solar operation of the Aquarius Solar 700/1500 for up to 17 hours or 8 hours even without sunlight. The devices can be used day and night, and even in poor weather conditions.*

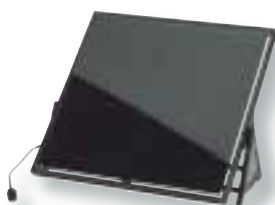
		SolarModul 35	Aquarius Solar 700	Aquarius Solar 1500	SolarSafe 41	LunAqua Solar
Dimensions (L x W x H)	mm	600 x 40 x 600	217 x 130 x 134		360 x 360 x 270	85 x 110
Rated voltage	V	—	12		—	12
Power consumption	W	—	8	17	—	2
Energy efficiency category light fixture*1			—			A
Power cable length	m	10.00	5.00		—	5.00
Guarantee* P.104	Years	2	3 + 2		2	3
Max. flow rate	l/h	—	700	1500	—	—
Max. head height	m	—	2.00	3.00	—	—
Setup type		Dry installation only	Underwater installation only		Dry installation only	Can be setup underw. & dry
Item no.		37105	56888	56889	56896	56894



## SOLARMODUL 35

*Solar cell for power generation*

- Extremely high efficiency levels
- Compact dimensions, high impact resistance and break resistance and long service life
- With stand, 10 m power cable and special plugs for connecting to the other OASE solar devices



## SOLARSafe 41

*Storage and control unit for OASE solar power system*

- Matched electronics ensure constant and uniform power to the consumers
- The 12V solar battery is charged with excess solar energy while the solar modules are in operation
- Connection possibility for up to 2 solar modules, maximum 3 devices
- Indicator light shows charge status



## AQUARIUS SOLAR 700 / 1500

*Fountain for solar operation*

- Connection to the optional Solar Module 35 or to the optional OASE SolarSafe 41 storage and control unit
- Ideal for locations without power supply
- The detachable wings can be placed in the shallow bank area
- Telescopic pipe extension with integrated swivel head for individual alignment of the fountain
- 3 fountain attachments included in the scope of delivery



## LUNAQUA SOLAR

*Impressive light effects underwater and above water*

- DC operated LED spotlight with bright white light emitting diodes and attractive coloured lens set (red, orange, green, blue)
- Low energy consumption
- Can be used underwater and above the water surface
- Easy mounting with ground stake, wall/ground bracket, and spotlight base, as well as nozzle holder for fastening, e.g. on a fountain



*»Pond construction  
can be so easy!«*



## **POND CONSTRUCTION MATERIAL: HIGH-QUALITY FOR LONG-LASTING ENJOYMENT OF THE POND**

**With the extensive pond construction product range, construction of your pond is surprisingly easy. The well designed program makes OASE the perfect pond partner.** Starting with the smallest pond pools to larger liner ponds with fish, to large swim ponds – for every pond OASE has the ideal construction concept with the right material. The advantage of a preformed

pond is the easy installation with integrated plant zones, for different pond sizes and shapes the first class and flexible OASE pond liners, OaseFol of EPDM and AlfaFol PVC are well suited. The latter are particularly easy to process as finished liner sections. You can rely on the tested and long lasting quality of our pond liners – with a guarantee<sup>\*P.104</sup> of up to 20 years!



# POND CONSTRUCTION & DECORATION

## CREATING GARDEN PONDS STEP-BY-STEP.

*Starting with Page 92 we show how it works.*

### FLEECE & LINER (Page 93)

#### *Types and applications*

Whether its EPDM or PVC, OASE offers a large selection of high quality pond liners. Always use fleece as underlay to protect the liner from damage.



### PREFORMED PONDS PE (Page 96)

#### *The quick and easy way to have a garden pond*

Preformed plastic ponds available in various sizes are simple to install and can be easily integrated into the garden landscape.



**OASE liner  
with long-term  
guarantee!**

The pond liners and fleece are supplemented with an extensive and well thought out range of hoses and accessories. All connections for filter and power fit perfectly together and can be inconspicuously integrated in the garden.

### *Tip!*

*Mobile pond planning –  
it's easy with the OASE app!*

*The free OASE app is the mobile companion for pond owners and all who want to become garden owners. Additional information at [www.oase-livingwater.com](http://www.oase-livingwater.com) or in the App Store.*





## *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 prerequisites**

**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. Design oriented 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.

**Step-by-step instructions for pond construction are on the next page.**

## Extras



### PLANT BASKETS

*Robust plastic planting baskets*

	<i>L x W x H</i>	<i>Item no.</i>
• Plant basket round 13:	13 x 13 x 10 cm	52630
• Plant basket round 22:	22 x 22 x 12 cm	52632
• Pflanzkorb Seerosen rund 40:	40 x 40 x 28 cm	54318
• Plant basket rectangular 11:	11 x 11 x 11 cm	53754
• Plant basket rectangular 19:	19 x 19 x 9 cm	52631
• Plant basket rectangular 23:	23 x 23 x 13 cm	52631
• Plant basket rectangular 28:	28 x 28 x 18 cm	53755
• Plant basket rectangular 35:	35 x 35 x 26 cm	54313
• Plant basket oval 45:	45 x 18 x 15 cm	53756



### PLANT BASKETS TEXTILE

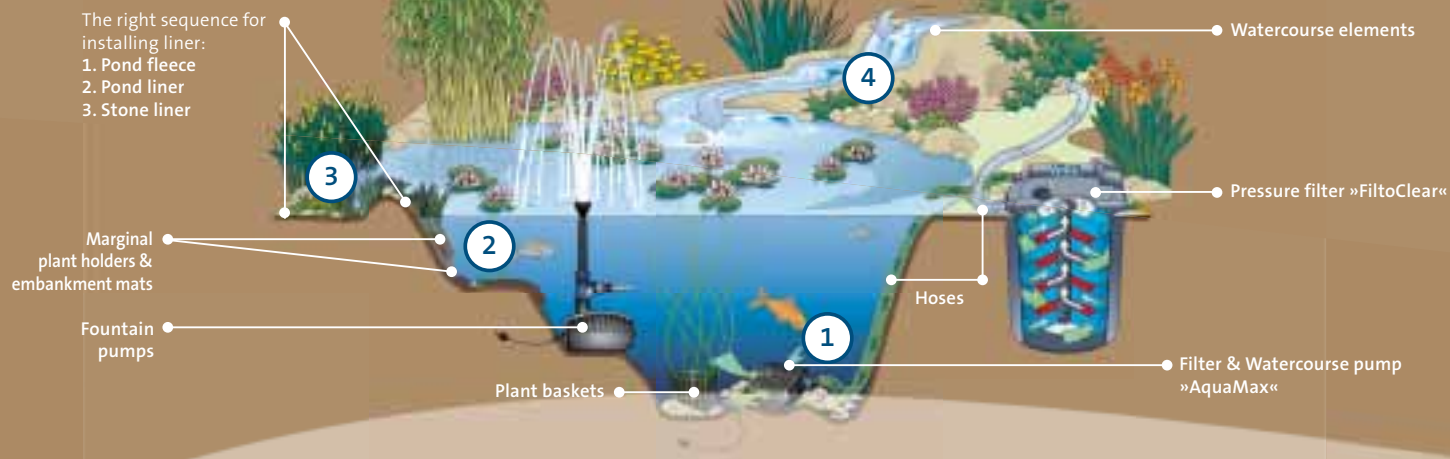
*Planting baskets made of durable textile*



	<i>L x W x H</i>	<i>Item no.</i>
• Plant basket, textile round 15:	15 x 15 x 15 cm	51189
• Plant basket, textile round 25:	25 x 25 x 25 cm	51190
• Plant basket, textile rectangular 18:	18 x 18 x 18 cm	51191
• Plant basket, textile rectangular 25:	25 x 25 x 25 cm	51201
• Plant basket, textile rectangular 30:	30 x 30 x 30 cm	51203







## EASY POND CONSTRUCTION

*Step-by-step with products from OASE*



### 1. Location

The right location for the garden pond should be half in shade; 4 – 6 hours of sun a day are ideal.



### 2. Pond contours

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



### 3. Determine the dimensions of liner and fleece

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



### 7. Planting on steep areas

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



### 8. Pond technology

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



### 9. Gravel and water

After the gravel, at last it is time to put water in the pond: First fill the pond half-way full; completely fill the pond only after the liner has settled in place.



## 1 DEEP WATER ZONE

This is where the filter and watercourse pumps or possibly pond drains are placed.

## 2 MARSH ZONE

Offers space for plants and micro organisms 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 MOIST ZONE

Ideal for lush embankment plants.

## 4 WATERCOURSES (OPTIONAL)

When selecting the location for the watercourse, pay attention to damming stages, damming depths, as well as the overflows that are as large as possible so that additional movement and oxygen comes into the pond.

## Extras

### Calculation aid

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

*Length + 2 x depth (at the deepest point of the excavation)  
+ 2 x 50 cm = length of the liner*

*Width + 2 x depth (at the deepest point of the excavation)  
+ 2 x 50 cm = 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 predetection liner and root barrier. We recommend coordinating your planting ideas with your plant supplier beforehand.*



### 4. Fleece

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



### 5. Liner and stone liner

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



### 6. Planting on level areas

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



### 10. Edge area décor

*The final step is to fill the edge area with rock (pebbles or similar) and landscape it as you desire.*



### 11. Lighting

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



### That's it!

*The result deserves to be seen: Living water landscapes with pond construction materials from OASE.*



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

## 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 offers particular stretch capacity, it is particularly robust, flexible to lay out, and easy to work with. The eco-friendly EPDM sheeting is particularly UV and ozone resistant. We give you up to 20 Years Guarantee\*<sup>P.104</sup> on our OaseFol EPDM liner.

- Is a single-ply PVC liner; it is available in two thicknesses and colours. The liner can be welded or glued be and is characterised by an excellent Price / performance ratio. Minor damage such as by garden tools are quickly and easily to repaired. We give you 15 Years Guarantee\*<sup>P.104</sup> 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. Here is essential to use a rhizome). 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/m<sup>2</sup>, 400 g/m<sup>2</sup> and 500 g/m<sup>2</sup>. The latter is for particularly high use pond liners, search as in swimming pools.

## Extras

### Accessories

#### PVC-Liner repair kit

- High-performance underwater adhesive
  - fish-compatible 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 m<sup>2</sup> area
- 1000 ml can for 4 m<sup>2</sup> 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", 1 ¼", 1 ½", 2"
  - Cable cross section:  
3.00–9.00 mm<sup>2</sup>
  - Suitable for pond liner,  
PE pools, or GRP  
preformed ponds
  - Safe and clean
- Item no. 57154



# PREFORMED PONDS PE





*Dream ponds made easy*



- Robust HDPE pool for pond sizes to 1 m<sup>3</sup>
- Modern, rectangular design
- High-strength walls
- Stable edge (45 cm high)
- Installation only recessed in the ground  
For above-ground installation a stabilising frame must be used

## Extras

**Recommendation**  
*Plants in and on the pond not only look nice, but they also offer their own contribution to maintaining the biological balance. Speak with your OASE dealer about optimal planting.*

					
		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)	m	0.38 x 0.78 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.104	Years	15			
Volume	l	80	180	280	600
Item no.		50758	50759	50760	50761



# PREFORMED PONDS PE

*Dream ponds made easy*



- Natural design of large lakes
- Extremely robust, long service life
- Preformed plastic ponds for pond sizes up to 1 m³
- Fast and easy planting due to marsh zones and plant zones already integrated in the preformed pond
- Easy installation of pumps

## Extras

### Recommendation

*With the Tradux wall and liner transition, wall transitions for cable or hoses can be created. Tradux is on page 93. The multifunction, Filtral UVC 3000, including filter and water feature, which has been especially developed for use in smaller ponds, is on page 30.*





						
		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	3.60	8.80	17.10	19.00
Guarantee* P.104	Years	15				
Volume	l	150	250	500	750	1000
Item no.		36790	36767	36768	36769	36770

# WATERCOURSE ELEMENTS / DECORATIVE ROCK COVERS



## Near natural and variabel

- Elements are fitted with 1¼“ thread, plug and stepped hose adapter
- Natural sandstone look
- Each element can be used as a spring and modularly

					
		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* P.104	Years	2			
Max. flow rate	l/h	1500			
Item no.		50416	50413	50414	50415

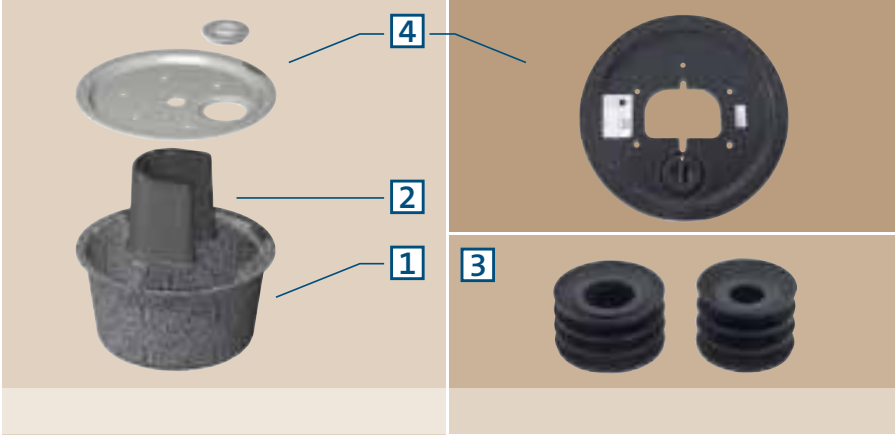
## Splash guard in natural stone look

- Made of weather-resistant, robust material
- Custom-tailored for the OASE products FiltoMatic CWS, BioPress, FiltoClear, as well as InScenio FM-Master
- Perfect match for the new sand-coloured pre-formed watercourses (page 98)



		FiltoMatic Cap CWS		FiltoCap sand	InScenio Rock sand
		Size L	Size XL		
Dimensions (L x W x H)	mm	450 x 450 x 350	450 x 650 x 350	570 x 570 x 350	300 x 300 x 400
Net weight	kg	4.60	5.26	4.16	2.46
Guarantee* P.104	Years	2			
For covering		FiltoMatic 7000, FiltoMatic 14000	FiltoMatic 25000	FiltoClear 3000–30000 (all sizes)	AquaOxy 4800, InScenio
Colour		stone-grey		sand	
Item no.		50268	50269	50420	50417

# WATER- RESERVOIRS



4		Water reservoir covers				Description
		WR-T 60	WR-T 80	WR-T 100	WR-T 125	
Suitable for water reservoir		WR 60	WR 80	WR 100	WR 125	<ul style="list-style-type: none"><li>• GRP</li><li>• Load-optimised composite of both pond components</li><li>• Centred openings for hose passage</li><li>• Service opening with cover (except T 60)</li><li>• A groove has been incorporated for proper cable routing</li><li>• 10 year guarantee*<sup>P.104</sup></li></ul>
Service opening with cover		nein	Yes			
Load capacity kg		300				
Colour		steingrau				
Item no.		37115	37116	37117	37118	
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"><li>• Prevent escaping water from flowing back into the bore of bubbling stones</li><li>• Made of EDPM (rubber)</li><li>• Silicon sealing is not necessary</li><li>• Simply fitted over the hose</li></ul>
Connection for hoses mm (inch)		13 (½")		19 (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"><li>• GRP</li><li>• Open form for simple handling of pump, water distributors, and hoses</li><li>• Can be used from water reservoir WR 80</li></ul>
Load capacity kg		700				
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"><li>• LLD-PE for bubbling stones and watercourses</li><li>• Manufactured in a state-of-the-art rotation process and meets the most rigorous requirements</li><li>• Weather resistant against heat and frost, roots</li><li>• 10 year guarantee *<sup>P.104</sup></li></ul>
Volumes l		66	137	210	340	
Max. edge width mm		80				
Item no.		37110	37111	37112	37113	

*»For me there are  
no unanswered  
questions!«*



## ADDITIONAL INFORMATION: SO THAT YOU CAN ENJOY YOUR GARDEN

**On the following pages you will find important supplemental information.** Learn more about our Pond Friend concept and the OASE WaterCreation Partners – ideal for everyone who desires individual pond construction consultation on site. Or read all

about our Clear Water Guarantee and the associated tips on improving the visual depth and water quality. And our detailed pump and watercourse diagrams will help you select the best product.





## Our OASE Service

On the OASE website you will find everything about our products, inspiration, downloads, pond construction tips, answers to frequently asked questions, current topics and much more!

[www.oase-livingwater.com](http://www.oase-livingwater.com)

[www.oase-gartenwelten.com](http://www.oase-gartenwelten.com)



**Oase**  
LIVING WATER

*Mobile pond planning –  
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The free OASE app is the mobile companion for pond owners and all who want to become garden owners. Additional information at [www.oase-livingwater.com](http://www.oase-livingwater.com) or in the App Store.

**OASE – PASSIONATE ABOUT WATER.**



# WATERCOURSE DIAGRAMS

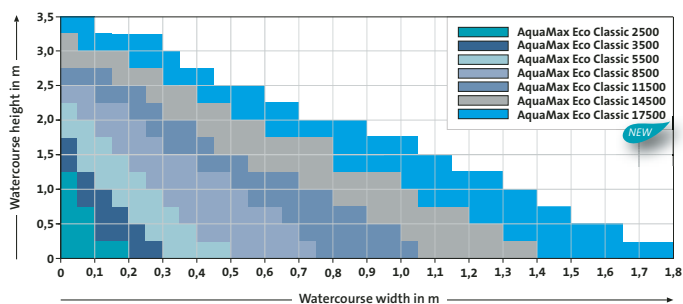
*Easy, if you know how: Which pump is right for your watercourse?*

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).

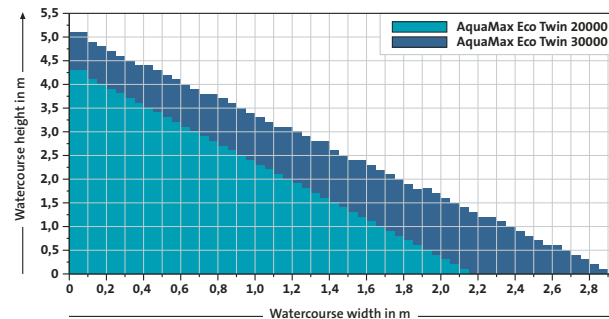
*Here is a rule of thumb for determining the right pump for a watercourse:*

*Wide watercourse in cm x 1.5 l/min. = capacity l/min.*

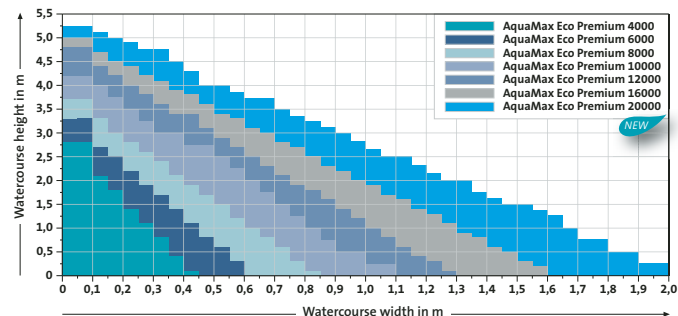
**AquaMax Eco Classic (START)** See page 18



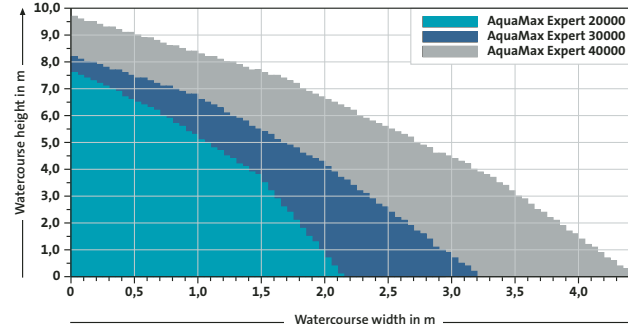
**AquaMax Eco Twin (PRO)** See page 21



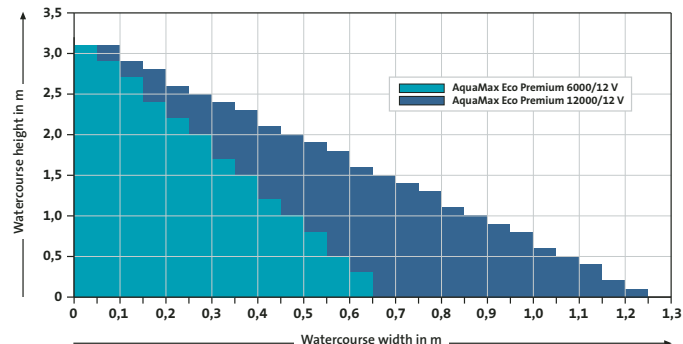
**AquaMax Eco Premium (PRO)** See page 19



**AquaMax Expert (PRO)** See page 22



**AquaMax Eco Premium / 12 V (PRO)** See page 19



## Information on the energy efficiency classes of OASE spotlights



## 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 is suitable for bulbs of energy classes	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
50527	LunAqua Classic LED Set 1	79	A				A++ to A	A
50530	LunAqua Classic LED Set 3	79	A				A++ to A	A
57034	LunAqua 3 LED Set 1	79	A				A++ to A	A
57035	LunAqua 3 LED Set 3	79	A				A++ to A	A
50512	LunAqua Mini LED	80	A+	x	x			
50513	LunAqua Mini LED warm	80	A+	x	x			
50507	LunAqua Maxi LED Set 1	80	A	x	x			
50508	LunAqua Maxi LED Set 3	80	A	x	x			
50509	LunAqua Maxi LED Solo	80	A	x	x			
54034	LunAqua 10	81				B-E		
50366	LunAqua 10 LED/01	81	A	x				
54314	LunAqua 35 Set	81	B			B-E		C
56903	LunAqua 3 Set 1	82	B			B-E		C
56904	LunAqua 3 Set 2	82	B			B-E		C
56905	LunAqua 3 Set 3	80	B			B-E		C
56894	LunAqua Solar	84	A				A++ to A	A

# CLEAR WATER GUARANTEE

## Clear Water Guarantee conditions from OASE:

OASE guarantees clear water in the pond to all purchasers of an OASE filter system, if the system is used properly in accordance with the selection table, if the system is set up properly in accordance with the set-up instructions, and in compliance with the instructions in the operating manual, and in compliance with the instructions for achieving clear water in the pond through the addition of OASE filter starter bacteria in the defined scope. Clear water means that fish, plants, or rocks on the pond floor are recognizable to a pond depth of 1 m below the pond surface. Ponds with string algae are not considered to be unclear, as scarcely any suspended substances are formed. Pond water is not tap water. Turbidity and colouration are always present and are also natural, and these conditions exclude a guarantee case. The Clear Water Guarantee is granted exclusively for ponds in the conventional sense of the term. A pond is an artificially created body of water made of liner or in a preformed pond with minimum planting of 1/3 of the water surface and is exposed to sunlight for 4 to 6 hours a day. The location of the pond is 4 m away from deciduous trees and/or conifers. For the first use and every new use in the spring the application of OASE filter starter bacteria is prerequisite. It can take up to 6 weeks until the pond is clear, depending on the burden of the pond. The filter works mechanically and biologically. Settlement of microorganisms is required for biological cleaning. Consequently the Clear Water Guarantee assumes that the pump, and thus the filter system, is operating 24 hours a day during the pond season (approximately from March to November). Excessive cleaning prevents adequate formation of microorganisms in the filter foam. If cleaned too infrequently the filter sponges cannot absorb any more pollutants, or they can only do so if the flow-through rate is significantly reduced. The OASE filter must be used with an OASE Solids handling pump (i.e. aquamax) in order to comply with the terms of the clear water guarantee. The guarantee applies for a maximum of 3 years within the scope of the Clear Water Guarantee conditions, starting from the date of purchase from the authorised OASE dealer (initial purchase, not for resale of the new product), if the provisions of the OASE instruction manuals are complied with and the products are used as intended. A directory of OASE dealers is available at [www.oase-livingwater.com](http://www.oase-livingwater.com).

The Clear Water Guarantee can be acquired either through online registration or via the Hotline. Please register in good time and conveniently on the Internet within 3 months from the date of first purchase at [https://www.oase-livingwater.com/en\\_GB/clear-water-guarantee](https://www.oase-livingwater.com/en_GB/clear-water-guarantee)

or within the same period call our **OASE Hotline +44 (0) 1264 333225** (UK only).

For all procedures involving data processing (e.g. obtaining, processing and transferring) we comply with the statutory regulations. Your data that is necessary for guarantee processing is stored and is forwarded by us to commissioned service providers in the scope required for processing. Address data and order data are collected and processed for our own marketing purposes. Data is only used for third-party marketing purposes if this is permitted by law, e.g. generally published data and certain data contained in lists in accordance with the Data Protection Act 1998. You can stop the use, processing and exchange of your personal information for marketing purposes at any time by sending an informal letter by mail to OASE (UK) Ltd., 3 Telford Gate, Whittle Road, West Portway Industrial Estate, Andover, Hampshire SP10 3SF or by e-mail to [enquiries@oase-livingwater.com](mailto:enquiries@oase-livingwater.com). However this does not apply for the data that is necessary for processing of the guarantee. Upon receipt of your request, we will no longer use, process or exchange the information in question for any purpose other than the processing of your order, nor will we continue to send advertisements, including our catalogue, to you.

Prior to submitting a guarantee claim the customer is obligated to report the deficiencies determined via the OASE Service Hotline (see below). After logging the fault, OASE will provide assistance for correction of the fault. If help cannot be provided on-site, or if the help does not bring the desired success, the customer must then inform the Hotline specified above of this situation. Then, if OASE cannot suggest any other remedy possibility that should be particularly attempted, the customer has a claim for processing of the guarantee through the dealer, if in all other aspects the dealer affirms / determines that the prerequisites of the guarantee are satisfied. Otherwise the dealer has a last opportunity to attempt to implement the consulting. In the case of a guarantee claim the dealer refunds the purchase price paid for the product, for which the Clear Water Guarantee applies, to the customer, only against submission of the original purchase receipt and return of the defective product, if OASE has previously accepted the guarantee claim. More extensive claims arising from the Clear Water Guarantee do not exist.

The legal guarantee rights of the purchaser remain unaffected through the Clear Water Guarantee.



The guarantee is invalidated if the installation instructions in the instruction manuals are not complied with, or in the case of wrong system selection, or if pond care products from other manufacturers are used, particularly if pond care products containing copper are used, or if the customer's behaviour otherwise is in violation of the customer's obligations. Comply with the service and maintenance instructions in the instruction manual.

### Frequent causes for unclear water

- Failure to replace parts subject to wear, e.g. UVC bulb or filter spouses
- The height difference between the water surface and the highest point in the pressure system is greater than 1 m (assumed value in the OASE selection tables)
- Pressure losses due to excessive hose lengths or a hose diameter that is too narrow
- Missing inlet barrier (capillary barrier). Surface water flushes mud and/or fertiliser (nitrogen, lawn fertiliser, etc.) into the pond from the garden
- Over-intensive feeding of fish generates nutrient loads in the pond
- Incorrect placement of the pond results in imbalance (For example, excessive sun, excessive shade)
- Faulty mixing of the pond water, i.e. deficient circulation

### Frequent causes for unclear water

Information sur notre OASE site internet : [www.oase-livingwater.com](http://www.oase-livingwater.com) ou directement chez votre revendeur.

## EXTENSION GUARANTEE – CONDITIONS

### Extended OASE Guarantee on request!

As the manufacturer, we extend the legal warranty period of 2 years relative to your OASE dealer, if there are special customer requirements, and in specially advertised cases by an additional year guarantee period (extension guarantee: 2 years basic guarantee + 1 year request guarantee), and in other, likewise specially designated, cases by an additional 2 years guarantee period (extension guarantee: 3 years basic guarantee + 2 years request guarantee). The term of the guarantee period starts with the end of the legal guarantee period that commenced with the initial

purchase from an OASE dealer. Therefore in the event of resale the guarantee period does not begin at a later point in time, nor does it start over again. The guarantee period is neither extended nor restarted through guarantee performances. At OASE's discretion the guarantee performance extends to repair of defective part or replacement delivery of a comparable / equivalent value product with exclusion of more extensive claims.

The legal rights of the purchaser arising from the warranty continue in effect and are not limited by these guarantees. The guarantor is OASE GmbH in Hörstel.

The respective extension of the guarantee for 1 additional year and/or also for 2 additional years can only be acquired within the legal warranty period of 2 years, either through online registration or via Hotline in compliance with the information required for the registration or on the Hotline: [https://www.oase-livingwater.com/en\\_GB/extended-guarantee/](https://www.oase-livingwater.com/en_GB/extended-guarantee/) OASE Hotline +44 (0) 1264 333 225 (UK only)

By registering, the customer declares that he agrees that OASE may confidentially save personal information provided by the customer, in accordance with the Data Protection Act 1998 and that OASE may use this information for the purpose of administration, statistical analysis, and marketing. Disclosure of the data to third parties is excluded, with the exception of disclosure to service providers for OASE's own advertising requirements and for fulfillment of the guarantee. The customer can revoke his consent at any time by sending his written revocation to the address cited below. After receipt of the revocation OASE will no longer use the data concerned for purposes other than for the processing of the guarantee.

### OASE (UK) LTD.

3 Telford Gate  
Whittle Road  
West Portway Industrial Estate  
Great Britain

E-Mail: [enquiries@oase-livingwater.com](mailto:enquiries@oase-livingwater.com)

Internet: <http://www.oase-livingwater.com>

If there is a guarantee claim OASE shall at its discretion -as is the case with the warranty in accordance with the General Terms and Conditions- provide replacement through repair or replacement delivery only with submission of the original purchase receipt.

# FRICITION LOSS IN PIPELINES AND HOSE LINES:

To get the most out 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 (liter / min.)	Clear widths (mm / inch)	Pressure loss per running meter (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](http://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.

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