

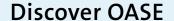
Outdoor Solutions











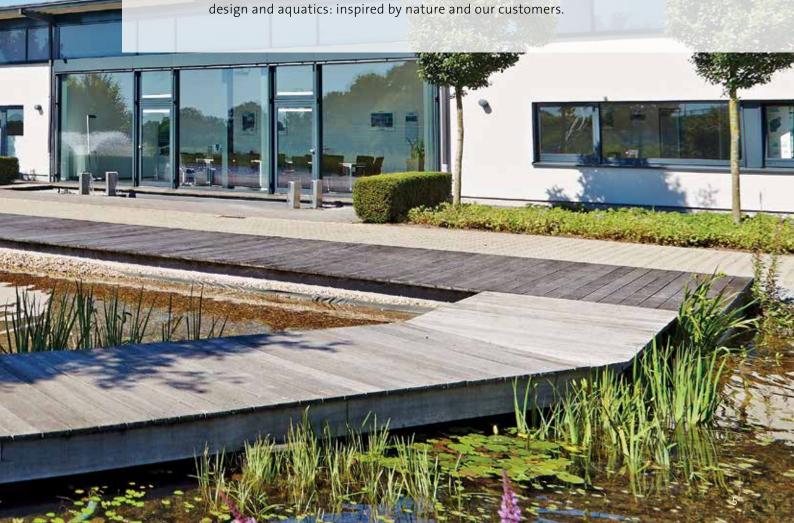
If you want to discover OASE, you will travel into the countryside.

More precisely into the region known as Tecklenburger Land, a water-rich landscape with peat bogs, wetland habitats and canals.

No wonder that water is the central theme at OASE.

Water is our element: It is the reason for our products, the objective of our research and development, the measure of our actions and the habitat that we shape.

OASE started with water gardens. Today we offer everything to do with garden design and aquatics: inspired by nature and our customers.







Discover conviction

Quality is produced when people give their best.

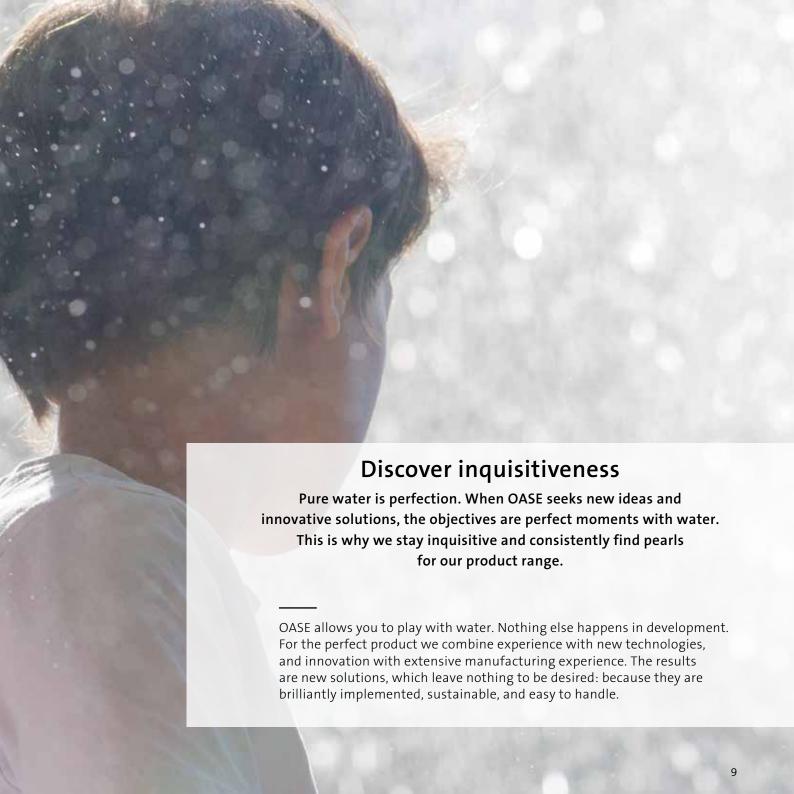
Garden enthusiasts, water designers, aquarists work at OASE.

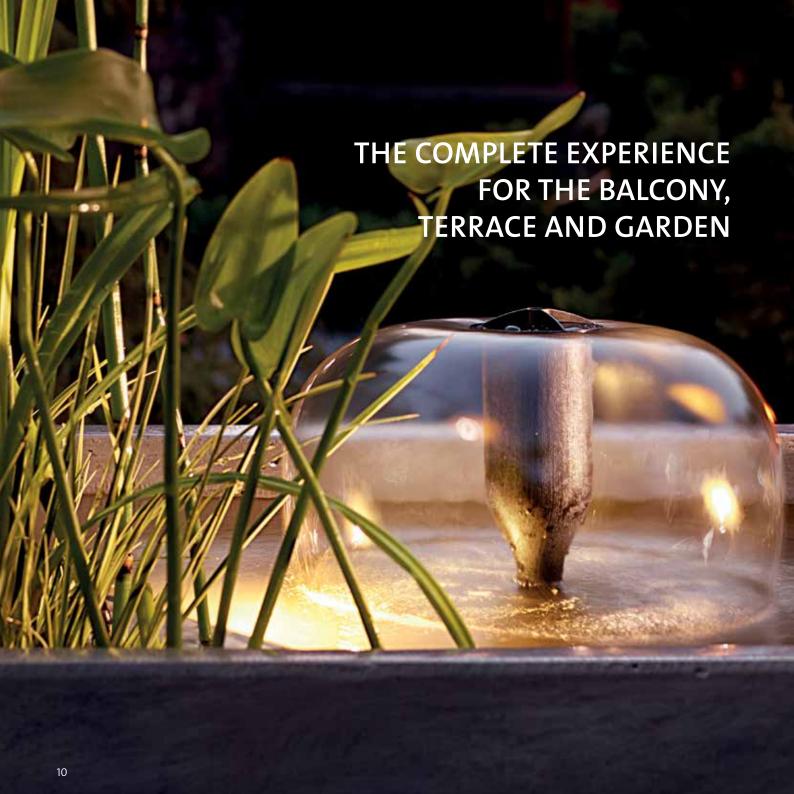
They develop products that they like to buy for themselves.

This is our quality.

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







Just lay back and unwind - completely worry free Imagine yourself relaxing on your sunbed, eyes closed, listening to the stimulating sound of splashing water. You feel completely at ease and let go of any worries Sounds like a dream? It doesn't have to stay a dream. The all in one filter Filtral UVC lets you can enjoy idyllic moments in your home. Not only can you customise the water feature (optional for UK) to become the highlight on your balcony or in your garden, but it also keeps the water clean and clear. And this is how it works: Foliage and food remains reduce the quality of the water, which is why good, reliable pond cleaning is essential for the health of living creatures and plants. This is where the OASE Filtral comes into the picture: the continuous circulation of water through the filter helps to remove particles of dirt, reduce harmful substances (like nitrite) by treating the water with beneficial bacteria, disinfect the water and also add oxygen. All of this is handled by the OASE Filtral. Just unpack, connect and enjoy! For further information visit: www.oase.com/advisor

We guarantee clear water

The underwater filter Filtral UVC

For refreshing moments of relaxation

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

For coarse and fine debris

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

For healthy water

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

For a living pond

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

For more vitality

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

For crystal clear and free sight

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

Contents

FOUNTAINS & FOUNTAIN PUMPS

16 Water Entertainment 18 Fountain pumps

Fountains & Fountain Pumps

Advisor

86 Pond illumination

88 Easy Garden Control

ILLUMINATION & POWER



Spotlights

90 LED spotlights

Power management

95 Power management

FILTER, WATERCOURSE AND SWIM POND PUMPS 24

Filter, Watercourse and Swim pond pumps AquaMax



25 Filter, Watercourse and Swim pond pumps



FILTERS, UVC & AERATION

14

Filter

- 34 Filters in comparison
- 38 Underwater filters

Modular filters

- 45 Modular filters
- 56 Selection tables for Modular filters



UVC clarifiers / aerators

- 64 IceFree ice preventer

POND CLEANING & SKIMMERS

Skimmers & pond vacuums & pool vacuums

- 68 Surface Skimmer
- 70 Pond and pool vacuums



POND CARE AGENTS & FISH MEDICINE



- 75 AquaActiv pond care agents



- 39 Pressure filters
- 41 Flow-through filters

- 58 UVC clarifiers
- 62 Aerators

66



Vew! 73 Useful pond helpers

74

Pond care agents & fish medicine



- 82 AquaActiv fish medicine



Pond construction

100 Pond planning & implementation

POND CONSTRUCTION & LANDSCAPING

- 102 Creating garden ponds
- 103 Fleece & liner, pond construction accessories
- 104 Preformed ponds
- 106 Pond plant accessories
- 108 Pond edge & flower bed enclosure / Accessories pond Helpers
- 109 Watercourse elements
- 110 Waterfall / XL / Waterfall Kit
- 112 Decorative rock covers
- 113 Water reservoir

DRAINAGE

- Drainage pumps 120 Clean water pumps
 - 122 Submersible dirty water pumps

RRIGATION

128

Irrigation pumps

- 132 Garden pumps
- 134 Domestic water systems
- 135 Rain barrel pumps & cistern pumps
- 137 Deep-well pumps
- 139 Submersible pressure pumps

Accessories

142

WORTH KNOWING

Additional information

- 171 Watercourse diagrams
- 172 Energy efficiency classes
- 173 OASE Guarantee
- 174 Friction losses





Tip

For further information visit:

www.oase.com/advisor

FOUNTAINS & FOUNTAIN PUMPS

Fountains

- 16 Water Starlet / Water Trio / Water Quintet
- 17 WaterJet Lightning

Fountain Pumps . . .



- NEW 18 Aquarius Fountain Set Classic
 - 19 Aquarius Fountain Set Eco
 - 20 Aquarius Universal Classic
 - 21 Aquarius Universal Premium



23 Aquarius Eco Expert

WATER STARLET/ TRIO/QUINTET

Illuminated fountains for modern garden design

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

Water Trio/Quintet

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



Recommendation

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

Accessories

Water reservoir WR 100

The weather-resistant solution for flexible installation.

Item no. 37112 (page 113)





START

Now in a warm white light colour

PRO





		Water Starlet	Water Trio	Water Quintet	
Dimensions (L x W x H)	mm	330 x 270 x 135	430 x 30	00 x 240	
Guarantee (+ request guarantee)*P.173 Y	ears	2	2 -	+ 1	
Light colour			warm white		
Energy efficiency class light fixture *1		А	A+	А	
	Wh/ 00h	2	1	2	
Cable length 12 V device	m	2.5	.50 (Power unit) + 8.00		
Fountain height, max.	m	0.70	1.40		
12 V control box					
Dimensions control unit: (L x W x H)	mm	-	215 x 18	0 x 305	
Power consumption	W	-	40	50	
Rated voltage, prim. (control system)	٧	-	12	12	
Power unit					
Dimensions transformer: (L x W x H) mm		- 160 x 100 x 100		00 x 100	
Rated voltage (primary, secondary)	oltage (primary, secondary)		230 V / 50 Hz , 12 V / AC 230 V / 50 Hz , 12 V		
Item no. (GB-Version)		-	-	-	
Item no.		50214	50240	50187	

WATERJET LIGHTNING

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



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



Recommendation

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

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





		WaterJet Lightning
Dimensions (L x W x H)	mm	150 x 115 x 200
Guarantee (+ request guarantee)*P. 173	Years	2+1
Energy efficiency class light fixture 1		A
Weighted energy consumption per light fixture	kWh/1000h	3
Cable length 12 V device	m	2.50 (Power unit) + 8.00
Parabolic height, max.	m	0.90
12 V control box		
Parabolic width, max.	m	1.80
Jet diameter	mm	8
Dimensions control unit: (L x W x H)	mm	215 x 180 x 305
Power consumption	W	41
Power unit		
Rated voltage, prim. (control system)	V	12
Hand-held transmitter / range max.	m	80.00
Dimensions transformer: (L x W x H)	mm	160 x 100 x 100
Rated voltage (primary, secondary)		230 V / 50 Hz, 12 V / DC
Item no. (GB-Version)		-
Item no.		50191

AQUARIUS FOUNTAIN SET CLASSIC

An economical all-rounder

– now in three new sizes with
sophisticated pump technology



START

- Energy-efficient water feature pump with three attractive nozzle patterns
- Second, separately adjustable outlet
- Includes three fountain attachments and telescopic pipe extension with integrated swivel head for a variety of water patterns
- Easy mechanical adjustment of the fountain height
- Energy consumption is reduced by up to 40 % in comparison to previous models thanks to the economical pump technology

 while maintaining a high water pressure and a high flow rate
- · Integrated thermo protection



		1				
Vul	can	La	va	Mag	gma	
Ø cm	H cm	Øcm	H cm	Radius/cm	H cm	
45	70	20	-	60	70	Aquarius Fountain Set Classic 750
70	75	35	-	70	80	Aquarius Fountain Set Classic 1000
120	155	65	-	120	155	Aquarius Fountain Set Classic 2000 E
160	195	75	-	150	190	Aquarius Fountain Set Classic 3000 E
180	220	80	-	180	220	Aquarius Fountain Set Classic 4000 E

		Aquarius Fountain Set Classic 750	Aquarius Fountain Set Classic 1000	Aquarius Fountain Set Classic 2000 E	Aquarius Fountain Set Classic 3000 E	Aquarius Fountain Set Classic 4000 E
Dimensions (L x W x H)	mm			180 x 205 x 140		
Rated voltage				220 - 240 V / 50 Hz		
Power consumption	W	9	11	18	26	42
Guarantee (+ extended guarantee) *P. 173	Years			2+1		
Max. flow rate	l/h	720	1000	2100	3000	4000
Max. head height	m	1.10	1.30	2.10	2.50	2.90
Connection for hoses mi	m (inch)	13 / 19 / 25 (½", ¾", 1")				
Item no. (GB-Version)		43042	57438	77375	77376	77377
Item no.		43041	57399	77371	77372	77374

AQUARIUS FOUNTAIN SET ECO

Powerful fountain pumps with energy-saving motors



PRO



Vul	can	La	va	
Ø cm	H cm	Ø cm	H cm	
155	220	90	-	Set 5500
240	275	90	-	Set 7500
275	335	90	-	Set 9500

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



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

AQUARIUS UNIVERSAL CLASSIC

For statuary fountains & decorative fountains



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

From Aquarius Universal Classic 600

· Can be setup underwater & dry

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

START



You will find the matching illumination for your bubbling stone on page 90

		Aquarius Universal Classic 440i	Aquarius Universal Classic 440	Aquarius Universal Classic 600	Aquarius Universal Classic 1000	Aquarius Universal Classic 1500	Aquarius Universal Classic 2000	
Dimensions (L x W x H)	mm	50 x 55	5 x 55	100 x 55 x 62		125 x 80 x 75		
Rated voltage				230 V / 50 Hz				
Power consumption	W	5	5		15	18	25	
Power cable length	m	1.50			10.00			
Guarantee (+ extended guarantee) *P. 173	Years	2			3 +	2		
Max. flow rate	l/h	44	0	600	1000	1500	2000	
Max. head height	m	0.7	75	1.20	1.50	1.80	2.00	
Connection for hoses m	m (inch)	13 (7	⁄2")		13 / 19 / 25	(½", ¾", 1")		
Setup type		Underwater in	stallation only		Can be setup un	derwater & dry		
Item no. (GB-Version)		Not available in GB	Not available in GB 36746		36980	36983	36978	
Item no.		36673	36726	36975	36950	36951	36953	

Aquarius Universal Premium

For waterfalls, bubbling stones & large decorative fountains



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

From Aquarius Universal Premium 4000

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





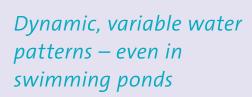
Extras Recommendation

With the OASE fountain attachments, different water patterns can be created to suit your taste. The fountain attachments can be staged in combination with the matching optional OASE illumination.

Extend the service life of your fountain and ensure lasting high performance with the special AquaActiv PumpClean cleaner.

		Aquarius Universal Premium Eco 3000	Aquarius Universal Premium Eco 4000	Aquarius Universal Premium 4000	Aquarius Universal Premium 5000	Aquarius Universal Premium 6000	Aquarius Universal Premium 9000	Aquarius Universal Premium 12000	
Dimensions (L x W x H)	mm	245 x 13	0 x 135		315 x 140 x 130		340 x 16	340 x 160 x 160	
Rated voltage			220 - 240 V / 50 Hz						
Power consumption	W	40	50	65	85	110	195	270	
Guarantee (+ extended guarantee)	*P. 173 Years				3 + 2				
Max. flow rate	l/h	3000	400	00	5000	6000	900	12000	
Max. head height	m	3.20	3.4	.0	4.50	9.60	10.00	10.20	
Connection for hoses	mm (inch)		19 / 25 /	/ 32 / 38 (¾", 1", 1 ¼	", 1 ½")		25 / 32 / 38 (1	",11/4",11/2")	
Electronically adjustable		No				Yes			
Item no. (GB-Version)		-			56619		-		
Item no.		57390	57392	56614	56617	56637	56876	56879	

AQUARIUS Eco Expert



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

Aquarius Eco Expert 20000/12 V

This electronic switching power supply was developed in-house and is perfectly designed for transforming an electricity supply from 230 V to 12 V

From Aquarius Eco Expert 22000*

- Network-capable, energy-efficient pump for extremely powerful and economic delivery capacity
- Patented frost protection to -20°C
- Alternating fountain heights can be activated with the dynamic function switch or with an external control such as InScenio FM-Master EGC Home





Extras

Recommendation

With the OASE fountain attachments, different water patterns can be created to suit your taste. The fountain attachments can be staged in combination with the matching optional OASE illumination. For an attractive bubbling stone water pattern, for pump selection, calculate 0.5 –1 I / min water per cm of stone diameter.

		NEW						
		Aquarius Eco Expert 20000/12 V	Aquarius Eco Expert 22000	Aquarius Eco Expert 28000	Aquarius Eco Expert 36000	Aquarius Eco Expert 44000		
Dimensions (L x W x H)	mm		490 x 215 x 235		540 x 22	5 x 250		
Rated voltage		220 - 240 V / 50 - 60 Hz	220 - 240 V	/ 50/60 Hz	220 - 240 V /	′ 50 - 60 Hz		
Power consumption	W	30 - 240	350	440	550	700		
Guarantee (+ extended guarantee)	^{P. 173} Years			3 + 2				
Max. flow rate	l/h	20000	22000	27900	36000	44000		
Max. head height	m	6.60	9.60	10.00	10.20	10.50		
Connection for hoses	mm (inch)		38 / 50 (1 ½", 2")					
Electronically adjustable		Yes						
Item no. (GB-Version)				-				
Item no.		78109	42405	42404	54612	54613		





For further information visit:

www.oase.com/advisor





DOWNLOAD APP NOW **Google Play**



DOWNLOAD NOW!



Filter, Watercourse and Swim pond pumps

- 25 AquaMax Eco Classic
- 27 AquaMax Eco Classic Controllable
- 28 AquaMax Eco Premium
- 29 AquaMax Eco Twin



- 30 AquaMax Eco Expert
- 31 AquaMax Eco Titanium



AQUAMAX Eco Classic

The powerful classic in a completely new design



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

AquaMax Eco Classic 2500E / 3500E

• Up to 40% more efficient than previous models

START



Matching filters and filter systems starting on page 34

		AquaMax Eco Classic 2500E	AquaMax Eco Classic 3500E	AquaMax Eco Classic 5500	AquaMax Eco Classic 8500	AquaMax Eco Classic 11500	AquaMax Eco Classic 14500	AquaMax Eco Classic 17500
Dimensions (L x W x H)	mm				280 x 230 x 140			
Rated voltage				2	20 - 240 V / 50 Hz			
Power consumption	W	23	35	60	80	100	135	170
Guarantee (+ request guarantee) *P. 173	Years	3+2						
Max. flow rate	l/h	2600	3500	5300	8300	11000	13600	17400
Max. head height, metres	m	2.20	2.60	2.80	3.20	3.30	3.40	3.70
Hose connection mm	ı (inch)			25 /	[′] 32 / 38 (1", 1 ¼", 1 ½	½")		
Filter intake surface	cm²				810			
Max. coarse debris displacement	mm	8						
Setup type		Can be setup underwater & dry installed						
Item no. (GB-Version)		20241	20264	51098	51100	51103	51109	56710
Item no.		20225	20249	51096	51099	51102	51104	56653



AQUAMAX FOOT ECO CLASSIC CONTROLLABLE

The powerful classic that is now controllable!

- SMART CONTROL
- The contemporary classic featuring state-of-the-art technology the controllable entry-level series of filter and watercourse pumps from OASE
- Three energy-efficient sizes with integrated controller for convenient external control
- Smart controllable with the OASE app Easy Switch
- Extremely economical: Thanks to its energy-efficient motor, the AquaMax Eco Classic constantly saves electricity—and therefore money — while in operation
- Suitable for use on swim ponds and bathing ponds (used in an exterior pump chamber)
- Included in the scope of delivery: Hose adapter with threaded collar for different hose sizes (25/32/38 mm)
- Environmental Function Control (EFC by OASE) protects against dry running and blocking

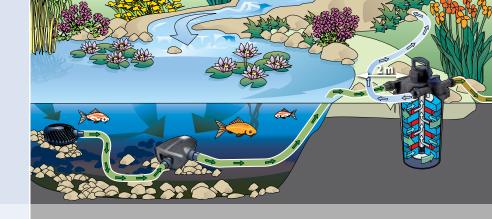


Matching filters and filter systems starting on page 34

		AquaMax Eco Classic 9000C	AquaMax Eco Classic 12000C	AquaMax Eco Classic 18000C		
Dimensions (L x W x H)	mm		280 x 230 x 140			
Rated voltage		220 - 240 V / 50/ 60 Hz				
Power consumption	W	23 - 90	26 - 120	33 - 175		
Guarantee (+ request guarantee) *P. 173	Years	3+2				
Max. flow rate	l/h	8800	12000	17600		
Max. head height, metres	m	4.50	4.70	5.30		
Hose connection	mm (inch)		25 / 32 / 38 (1", 1 ¼", 1 ½")			
Filter intake surface	cm²		810			
Max. coarse debris displacement	mm	8				
Setup type		Can be setup underwater & dry installed				
Item no. (GB-Version)		73339	73340	73341		
Item no.		73336	73337	73338		

AQUAMAX FOO PREMIUM

Efficient water movement in multiple pond zones



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

From AquaMax Eco Premium 12000

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





Extras

For use in swim ponds

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

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

Matching filters and filter systems starting on page 34

		AquaMax Eco Premium 4000	AquaMax Eco Premium 6000	AquaMax Eco Premium 8000	AquaMax Eco Premium 10000	AquaMax Eco Premium 12000	AquaMax Eco Premium 16000	AquaMax Eco Premium 20000	
Dimensions (L x W x H)	mm				340 x 280 x 165				
Rated voltage				22	0 - 240 V / 50/60 H	Hz			
Power consumption	W	10 - 35	12 - 45	15 - 60	19 - 88	10 - 110	11 - 145	15 - 180	
Guarantee (+ request guarantee) *P.173	Years				3 + 2				
Max. flow rate	l/h	4000	6000	8000	10000	12000	15600	19500	
Max. head height, metres	m	3.30	3.70	4.10	4.70	5.00	5.20	5.40	
Hose connection mr	m (inch)	25 / 32 / 38 (*	1", 1 ¼", 1 ½")		25 / 32	/ 38 / 50 (1", 1 ¼", 1 ½", 2")			
Filter intake surface	cm²				1000				
Max. coarse debris displacement	mm	10 11							
Setup type				Can be setu	p underwater & d	ry installed			
Item no. (GB-Version)		50735	50739	50741	51085	50743	50746	56409	
Item no.		50734	50736	50740	51078	50742	50745	56406	

AQUAMAX Eco Twin



Particularly powerful with flexible capacity adaptation



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





Matching filters and filter systems starting on page 34

Extras	
off, or can be adjust	h LED display eparately switched on or ed together via wireless ital display of the respec-
tive cupacity level.	

		,	sterris starting on page s		
		AquaMax Eco Twin 20000	AquaMax Eco Twin 30000		
Dimensions (L x W x H)	mm	380 x 36	50 x 205		
Rated voltage		220 - 240 V	/ 50/60 Hz		
Power consumption	W	20 - 198	20 - 320		
Guarantee (+ request guarantee) *P. 173	Years	3 + 2			
Max. flow rate	l/min	333	450		
Max. flow rate	l/h	20000	27000		
Max. head height, metres	m	4.50	5.20		
Hose connection mn	n (inch)	25 / 32 / 38 / 50 (1", 1 ¼", 1 ½", 2")			
Filter intake surface	cm²	130	00		
Max. coarse debris displacement	mm	11			
Setup type		Underwater installation only			
Item no. (GB-Version)		-			
Item no.		50708	50710		

AQUAMAX Eco Expert

Energy-efficient powerhouses for even the most demanding of systems – ideal for swimming ponds and natural pools

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

An additional 30% energy savings is possible with SFC switched on









Eco Control

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

Item no. 47673

Matching filters and filter systems starting on page 34

		NEW Watering men and men systems starting on page							
		AquaMax Eco Expert 20000 / 12 V	AquaMax Eco Expert 27000 / 12 V	AquaMax Eco Expert 21000	AquaMax Eco Expert 26000	AquaMax Eco Expert 36000	AquaMax Eco Expert 44000		
Dimensions (L x W x H)	mm	490 x 240 x 210	540 x 250 x 220	490 x 24	0 x 210	540 x 25	0 x 220		
Rated voltage (primary, secondary)		220 - 240 V / 50 -	60 Hz, 12 V / DC		-				
Rated voltage		_		220 - 240 V / 50/60 Hz					
Power consumption	W	30 - 2	260	40 - 350	60 - 440	90 - 540	140 - 700		
Guarantee (+ request guarantee) *P. 173	Years			3 +	3+2				
Max. flow rate	l/h	19300	27000	21000	26000	36000	44000		
Max. head height, metres	m	4.6	0	8.00	8.50	9.00	9.50		
Hose connection mm	(inch)			38 / 50 (
Filter intake surface	cm²	1060	1120	106	50	1120			
Max. coarse debris displacement	mm			11					
Setup type				Can be setup underw	ater & dry installed				
Item no. (GB-Version)				-					
Item no.		55313	77918	39916	39917	54614	54615		

AQUAMAX FCO TITANIUM

Perfect for large gravityfed filter installations, even in koi ponds



- Innovative, energy-efficient gravity filter pump for large bodies of water, even with koi stock
- Robust pump housing made of cast stainless steel with large base for safe placement
- Rotor shaft and bearings made from high-quality SIC ceramics for optimal reliability and longevity
- Ideal for installation in a pump chamber
- · Can be set up underwater & dry installed
- Protection against running dry and blocking through Environmental Function Control (EFC by OASE)
- Patented Seasonal Flow Control (SFC) for intelligent and environmentally conscious regulation of flow rate and pump head height
- 30% more energy can be saved if SFC is enabled
- MADE IN GERMANY: precise and reliable German engineering





Matching filters and filter systems starting on page 34

				NEW
		AquaMax Eco Titanium 31000	AquaMax Eco Titanium 51000	AquaMax Eco Titanium 81000
Dimensions (L x W x H)	mm	275 x 175 x 200	350 x 220 x 245	390 x 235 x 245
Rated voltage			220 - 240 V / 50/60 Hz	
Power consumption	W	35-170	70-320	100-730
Guarantee (+ request guarantee) *P. 173	Years		3 + 2	
Max. flow rate	l/h	31500	51000	81000
Max. head height, metres	m	3.30	4.00	5.50
Hose connection	mm (inch)	75 (G 2 ½")	88 (C	3")
EGC connection			Yes	
Max. coarse debris displacement	mm		6	
Setup type			Can be setup underwater & dry installed	ı
Item no. (GB-Version)			-	
Item no.		73656	73657	77462





Tip

For further information visit:

www.oase.com/advisor

FILTERS, UVC & AERATION

- Filter 34 Filter comparison
 - 38 Underwater filters
 - 39 Pressure filters
 - 41 Flow-through filters

Modular flow-through filters

- 45 ProfiClear Premium Compact
- 48 ProfiClear Premium
- 52 ProfiClear Premium XL

UVC clarifiers / aerators

- 58 UVC clarifiers
- 62 Pond aerators
- 64 Ice Preventer

Filter comparison

A filter system consists of:

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

Rule of thumb for determining the correct number of litres: Pond volume in m^3 = Length x Width x Depth / 2 (for rectangular pools, only L x W x D)

Example: $3 \text{ m} \times 4 \text{ m} \times 1 \text{ m} / 2 = 6 \text{ m}^3 \text{ equals } 6000 \text{ litres}$

UNDERWATER FILTERS

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





Sets	Underwater filter	UVC power	Filter pump & watercourse pump	+ Aerators (accessories)	Suitable for pond volume in m³		Item no.	Item no. (GB-Version)	
Table explanations: In the marked rows you will find the complete filter sets. The other groupings are additional possible combinations for different requirements and pond sizes.							%		
Filtral UVC 1500*	(Filter integrated)	5 W (UVC integrated)	(pump integrated)	-	1.5	0.7	-	-	70236
Filtral UVC 3000*	(Filter integrated)	9 W (UVC integrated)	(pump integrated)	-	3.0	1.5	-	-	70237
Filtral UVC 6000*	(Filter integrated)	11 W (UVC integrated)	(pump integrated)	-	6.0	3.0	-	-	70238
Filtral UVC 9000*	(Filter integrated)	13 W (UVC integrated)	(pump integrated)	-	9.0	4.5	-	-	70239
Filtral UVC 1500	(Filter integrated)	5 W (UVC integrated)	(pump integrated)	-	1.5	0.7	-	70233	_
Filtral UVC 3000	(Filter integrated)	9 W (UVC integrated)	(pump integrated)	-	3.0	1.5	-	70234	-
Filtral UVC 6000	(Filter integrated)	11 W (UVC integrated)	(pump integrated)	-	6.0	3.0	-	70235	-
Filtral UVC 9000	(Filter integrated)	13 W (UVC integrated)	(pump integrated)	-	9.0	4.5	-	75952	-
*Exclusively available	in GB! Clear Water Guar	antee ^{*P. 173} as specified by Seco	chi, to a visual depth of 1 m.						

PRESSURE FILTERS

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



FiltoClear Set 12000 (PRO)

Sets	Pressure filter	UVC power	Filter pump & watercourse pump	+ Aerators (accessories)	Suitable for pond volume in m³						Item no. (GB-Version)
Table explanations: In the marked rows y requirements and po	ou will find the complete nd sizes.	9	%								
BioPress											
Set 4000	BioPress 4000	7 W (UVC integrated)	FP 1500	-	4	2	_	50499	50504		
Set 6000	BioPress 6000	9 W (UVC integrated)	FP 2500	-	6	3	_	50453	50454		
Set 10000	BioPress 10000	11 W (UVC integrated)	FP 3500	-	10	5	-	50455	50457		
The following were co	onsidered for the BioPress	Sets: 5 m 1" hose and a delive	erv head of max. 0.5 m								



Sets	Pressure filter	UVC power	Filter pump & watercourse pump	+ Aerators (accessories)	Suitable for pond volume in m³		Item no.	Item no. (GB-Version)	
Table explanat In the marked requirements a	rows you will find the comp	olete filter sets. The other grou	pings are additional possible combina	tions for different	9	%			
FiltoClear									
	FiltoClear 3000	9 W (UVC integrated)	AquaMax Eco Classic 2500 E	-	1.5	0.75	-		
				+ OxyTex Set 500	1.7	1	_		
Set 3000	FiltoClear 3000	9 W (UVC integrated)	AquaMax Eco Premium 4000	-	3	1.5	-	50864	50869
				+ OxyTex Set 500	3.5	1.8	_		
	FiltoClear 6000	11 W (UVC integrated)	AquaMax Eco Premium 4000	_	4	2	_		
				+ OxyTex Set 500	4.5	2.5	_		
Set 6000	FiltoClear 6000	11 W (UVC integrated)	AquaMax Eco Premium 6000	-	6	3	-	50867	50871
				+ OxyTex Set 500	7	3.5	_		
	FiltoClear 12000	18 W (UVC integrated)	AquaMax Eco Premium 4000	_	6	3	_		
				+ OxyTex Set 1000	7	3.5	_		
	FiltoClear 12000	18 W (UVC integrated)	AquaMax Eco Premium 6000	_	8	4	_		
		,		+ OxyTex Set 1000	10	5	_		
Set 12000	FiltoClear 12000	18 W (UVC integrated)	AquaMax Eco Premium 8000	-	12	6	-	51250	51252
				+ OxyTex Set 1000	14	7	-		
	FiltoClear 16000	24 W (UVC integrated)	AquaMax Eco Premium 6000	_	9	5	_		
		,		+ OxyTex Set 1000	10	5	-		
	FiltoClear 16000	24 W (UVC integrated)	AquaMax Eco Premium 8000	_	12	6	_		
				+ OxyTex Set 1000	15	8	-		
Set 16000	FiltoClear 16000	24 W (UVC integrated)	AquaMax Eco Premium 10000	_	16	8	-	51253	51254
	<u> </u>			+ OxyTex Set 1000	19	9.5	5		
	FiltoClear 20000	36 W (UVC integrated)	AquaMax Eco Premium 10000	_	18	9	_		
		,		+ OxyTex Set 2000	22	11	5.5		
Set 20000	FiltoClear 20000	36 W (UVC integrated)	AquaMax Eco Premium 12000	_	20	10	5	50877	50881
		, , ,		+ OxyTex Set 2000	25	12.5	6		
	FiltoClear 30000	55 W (UVC integrated)	AquaMax Eco Premium 12000	_	26	13	6.5		
		. ,		+ OxyTex Set 2000	32	16	8		
Set 30000	FiltoClear 30000	55 W (UVC integrated)	AquaMax Eco Premium 16000	_	30	15	7.5	50885	50888
		, ,		+ OxvTex Set 2000	36	18	9		

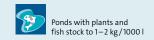
ron the point size specifications cited above (FiltoClear/sets) 1 m delivery head and 5 m 1½" hose were taken into consideration. Larger pumps should be used for longer hose lengths and/or greater delivery heads. Clear Water Guarantee "Filto in accordance with a light penetration depth of 1 m, using a Secchi disk. Please note that in case of extreme temperature fluctuations, friction losses for hose lines longer than 5 m, or direct sunlight due to the position of the pond (south facing), more intensive planning is required.
All references regarding our Filter/UVC combinations for special pond sizes are based on Mid-European climatic conditions. For other regions they could differ due to the water temperature and sun intensity.

Important note:

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







Filter comparison

FLOW-THROUGH FILTER SYSTEMS

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







Sets	Flow-through filters	UVC clarifier UVC power	Filter pump & watercourse pump	+ Aerators (accessories)	Suitable for pond volume in m³			Item no.	Item no. (GB-Version)
		ilter sets. The other grouping	s are additional possible combination:	5	9	%			
BioSmart									
Set 5000	BioSmart 5000	7 W (UVC integrated)	FP 1500	-	5	2.5	-	50525	-
Set 7000	BioSmart 7000	9 W (UVC integrated)	FP 2500	-	7	3.5	-	50449	50450
Set 14000	BioSmart 14000	11 W (UVC integrated)	FP 3500	-	14	7	-	50451	50452
	BioSmart UVC 16000	11 W (UVC integrated)	AquaMax Eco Classic 2500 E	-	8	4	_		
	BioSmart UVC 16000	11 W (UVC integrated)	AquaMax Eco Classic 3500 E	-	14	7	-		
Set 18000	BioSmart 18000	Vitronic 18 W	AquaMax Eco Classic 5500	-	18	9	-	56777	56778
Set 24000	BioSmart 36000	Vitronic 24 W	AquaMax Eco Classic 5500	-	24	12	6	56781	56785
Set 36000	BioSmart 36000	Vitronic 36 W	AquaMax Eco Classic 11500	-	36	18	9	56789	56793
	BioSmart 36000	Vitronic 36 W	AquaMax Eco Classic 8500	-	30	15	7.5		
			000: 3 m ¼ hose and a delivery head of ose and a delivery head of max. 0.5 m	f max. 0.5 m					
	FiltoMatic CWS 7000	11 W (UVC integrated)	AguaMax Eco Premium 4000		7	3.5	_	50865	50868
CWS SEL 7000	THOMALIC CWS 7000	II W (OVC IIItegrateu)	Aquamax Leo Fleimum 4000	+ OxyTex Set 500	8.5	4.5	_	30803	30808
CWS Set 14000	FiltoMatic CWS 14000	24 W (UVC integrated)	AguaMax Eco Premium 6000	- Oxylex Set 500	14	7.5		50866	50870
CW3 361 14000	FIILOMALIC CW3 14000	24 W (OVC Integrated)	Aquamax Eco Fielillulli 0000	+ OxyTex Set 1000	17	8.5		30800	30870
CWS Set 25000	FiltoMatic CWS 25000	24 W (LIVC integrated)	AquaMax Eco Premium 8000	- CAY 16A 361 1000	25	12.5	7	50872	50873
C113 Jet 23000	THEORIALIC CVV3 23000	2+ VV (OVC Integrated)	Aquamax Leo Fielillulli 8000	+ OxyTex Set 2000	31	15.5	8.5	30012	50075

Important note:

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









Sets	Flow-through filters	UVC clarifier UVC power	Filter pump & watercourse pump	+ Aerators (accessories)				Item no.	Item no. (GB-Version)
Table explanations: In the marked rows you will find the complete filter sets. The other groupings are additional possible combinations for different requirements and pond sizes.						%	%		
BioTec									
	BioTec ScreenMatic ² 40000	Bitron C 36 W	AquaMax Eco Premium 8000	-	28	14	7		
	BioTec ScreenMatic ² 40000	Bitron C 36 W	AquaMax Eco Premium 10000	-	30	15	8		
BioTec Screen- Matic ² Set 40000	BioTec ScreenMatic ² 40000	Bitron C 36 W	AquaMax Eco Premium 12000	-	40	20	10	57697	57697
	BioTec ScreenMatic ² 60000	Bitron C 55 W	AquaMax Eco Premium 10000	-	38	19	9		
	BioTec ScreenMatic ² 60000	Bitron C 55 W	AquaMax Eco Premium 12000/12V	-	48	24	12		
BioTec Screen- Matic ² Set 60000	BioTec ScreenMatic ² 60000	Bitron C 55 W	AquaMax Eco Premium 16000	-	60	30	15	57698	57701
	BioTec ScreenMatic ² 90000	Bitron C 72 W	AquaMax Eco Premium 12000/12V	-	65	32	16		
	BioTec ScreenMatic ² 90000	Bitron C 72 W	AquaMax Eco Premium 16000	-	72	36	18		
	BioTec ScreenMatic ² 90000	Bitron Eco 120 W	AquaMax Eco Premium 20000	-	90	45	27		
BioTec Screen- Matic ² Set 90000	BioTec ScreenMatic ² 90000	Bitron C 110 W	AquaMax Eco Premium 20000	-	72	36	18	46179	46180
	BioTec Premium 80000	Bitron C 72 W	AquaMax Eco Premium 16000	-	90	45	22.5		
	BioTec Premium 80000	Bitron C 110 W	AquaMax Eco Premium / Twin 20000	-	65	32	16		
	BioTec Premium 80000	Bitron Eco 120 W	AquaMax Eco Premium / Twin 20000	-	80	40	20		
	BioTec 30	Bitron C 110 W	AquaMax Eco Premium 16000	-	90	45	22		
	BioTec 30	Bitron C 110 W	AquaMax Eco Premium / Twin 20000	-	100	50	25		
	BioTec 30	Bitron Eco 120 W	AquaMax Eco Twin 30000	-	120	60	30		
	BioTec ScreenMatic ² 140000	Bitron C 110 W	AquaMax Eco Premium 16000	-	110	55	25		
	BioTec ScreenMatic ² 140000	Bitron Eco 120 W	AquaMax Eco Premium/Twin 20000	-	120	60	30		
	BioTec ScreenMatic ² 140000	Bitron Eco 180 W	AquaMax Eco Twin 30000	-	140	70	35		

For the pond size specifications cited above (BioTec) 1 m delivery head and 5 m 1½" hose were taken into consideration. Larger pumps should be used for longer hose lengths and/or greater delivery heads. Clear Water Guarantee*9.73 in accordance with a light penetration depth of 1 m, using a Secchi disk. Please note that in case of extreme temperature fluctuations, friction losses for hose lines longer than 5 m, or direct sunlight due to the position of the pond (south facing), more intensive planning is required.

All references regarding our Filter/UVC combinations for special pond sizes are based on Mid-European climatic conditions. For other regions they could differ due to the water temperature and sun intensity.

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 173 or at: www.oase.com

FILTRAL UVC



Underwater filter with UVC for small ponds

- Suitable for ponds and pre-formed pools up to 9 m³
- Including OASE Clear Water Guarantee*P. 173
- An all-rounder with filter function, fountain, and aeration nozzle (aeration nozzle)
- Supplied with 90° bend and stepped hose adapter for feeding a small watercourse or water feature
- Set up completely under water the appearance of the pond remains undisturbed
- Visual function check of the UVC clarifier
- Can be operated with the additional Filtral Nozzle Set (71785) to create a fountain effect



		Filtral UVC 1500	Filtral UVC 3000	Filtral UVC 6000	Filtral UVC 9000	Filtral UVC 1500 GB	Filtral UVC 3000 GB	Filtral UVC 6000 GB	Filtral UVC 9000 GB	
Dimensions (L x W x H)	mm	207 x 228 x 130	269 x 245 x 140	347 x 27	76 x 157	207 x 228 x 130	269 x 245 x 140	347 x 27	'6 x 157	
Power consumption	W	18	36	5:	2	18	36	52	58	
Power cable length	m				10.0	0.00				
Guarantee *P. 173	Years		į –				2			
UVC power	W	5	9	11	13	5	9	11	13	
Pump capacity, max.	l/h	750	1500	250	00	750	1500	250	00	
Max. flow rate	l/h	560	1200	170	00	560	1200	170	00	
Max. head height, metres	m	0.90	1.80	2.1	0	0.90	1.80	2.1	0	
Pressure-side connection	mm (inch)	13 (½")	13 /	/ 19 / 25 (½", ¾",	1")	13 (½")	13 /	/ 19 / 25 (½", ¾", 1	1")	
Suitable for ponds up to max.	m³	1.5	3.0	6.0	9.0	1.5	3.0	6.0	9.0	
Suitable for ponds with fish stoo	ck m³	0.7	1.5	3.0	4.5	0.7	1.5	3.0	4.5	
Item no. (GB-Version)	Not available in GB				Exclusively available in GB					
Item no.		70233	70234	70235	75952	70236	70237	70238	70239	

BIOPRESS SETS



Solid pressure filter set with UVC and filter pump



- Suitable for ponds up to 10 m³
- Combination of mechanical biological cleaning and effective UVC technology
- Including OASE Clear Water Guarantee*P. 173
- 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







BioPress Set BioPress Set BioPress Set Dimensions (Ø x H) 225 x 335 350 x 450 350 x 570 mm Power consumption UVC W 11 12 14 Power consumption pump W 25 40 70 Power cable length UVC 3.00 m Power cable length pump 10.00 m Guarantee *P. 173 2 Years **UVC** power W 7 9 Connection inlet mm (inch) 19 / 25 / 32 / 38 (¾", 1", 1 ¼", 1 ½") Connections, outlet mm (inch) 19 / 25 / 32 / 38 (¾", 1", 1 ¼", 1 ½") 0.2 Max. operating pressure bar Suitable for ponds up to max. m³ 4.0 6.0 10.0 Suitable for ponds with fish stock m³ 2.0 3.0 5.0 Suitable for ponds with koi*1 m³

Extras

Recommendation

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

FILTOCLEAR (6)



Pressure filter with UVC and patented cleaning function

- Combination of mechanical and biological cleaning and effective UVC technology
- Including OASE Clear Water Guarantee*P. 173
- Ideal for supplying higher elevated watercourses and architectural pools
- Patented Easy-Clean technology for easy cleaning without opening the filter
- Cleaning and backflush function can be easily operated on the lid
- Possibility of monitoring the UVC clarifier, filter contamination and water flow-through
- Compact filter size with high filtration capacity perfect for architectural pools and where there is little space in the garden

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



Save with complete filter sets!

Matching filters and watercourse pumps starting on page 24

			Sersi				
		FiltoClear 3000	FiltoClear 6000	FiltoClear 12000	FiltoClear 16000	FiltoClear 20000	FiltoClear 30000
Dimensions (Ø x H)	mm	380 x 310	380 x 430	380 x 510	380 x 630	380 x	750
Power consumption	W	14	15	18	24	36	55
Power cable length	m			5.00			
Guarantee (+ request guarantee) *P. 173	Years			2+1			
UVC power	W	9	11	18	24	36	55
Connection inlet	mm (inch)	19 / 25 / 32 / 38 (34", 1", 1 1/4", 1 1/2")	38 / 50 (1 ½", 2")			
Connections, outlet	mm (inch)	19 / 25 / 32 / 38 (34", 1", 1 1/4", 1 1/2")	38 / 50 (1 ½", 2")			
Connections, sludge discharge	mm (inch)	19 / 25 / 32 / 38 (34", 1", 1 1/4", 1 1/2")	38 / 50 (1 ½", 2")			
Max. flow rate	l/h	4000	6000	8000	10000	120	00
Max. operating pressure	bar			0.	2		
Suitable for ponds up to max.	m³	3.0	6.0	12.0	16.0	20.0	30.0
Suitable for ponds with fish stock	m³	1.5	3.0	6.0	8.0	10.0	15.0
Suitable for ponds with koi 1	m³	-	-	-	-	5.0	7.5
Item no. (GB-Version)		-	56052	51245	51248	50580	50581
Item no.		55997	55998	51244	51247	50576	50577

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

BIOSMART SETS (6)



Solid flow through filter sets with UVC and filter pump



- Suitable for ponds up to 36 m³
- Incl. OASE Clear Water Guarantee*P. 173
- Combination of mechanical biological cleaning and effective UVC technology
- · Oxygen enrichment through special water channelling
- Cleaning handles for convenient maintenance
- Includes displays for pollutant level and water temperature
- Sludge drain for easy removal of coarse debris
- Easy to conceal; the filter can be recessed into the ground to 1/3 of its height
- Filters and pumps are optimally matched
- Incl. 100 ml BioKick Filter Starter*2





Extras

BioSmart

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

		BioSmart Set 5000	BioSmart Set 7000	BioSmart Set 14000	BioSmart Set 18000	BioSmart Set 24000	BioSmart Set 36000
Dimensions (L x W x H)	mm	280 x 38	0 x 410	380 x 560 x 410	559 x 596 x 408	920 x 555 x 405	920 x 600 x 405
Power consumption UVC	W	11	12	14	18	24	36
Power consumption pump	W	25	40	70	60	100	
Power cable length UVC	m		3.00				
Power cable length pump	m	10.00					
Guarantee *P. 173	Years			2			
UVC power	W	7	9	11	18	24	36
Connection inlet	mm (inch)			19 / 25 / 32 / 38 (¾", 1", 1 ¼", 1 ½")			
Connections, outlet		DN	50				
Connections, sludge discharge	mm (inch)		38 (1 ½")			DN 50	
Suitable for ponds up to max.	m³	5.0	7.0	14.0	18.0	24.0	36.0
Suitable for ponds with fish stock	m³	2.5	3.5	7.0	9.0	12.0	18.0
Suitable for ponds with koi 1	m³	-	-	-	-	6.0	9.0
Item no. (GB-Version)		Not available in GB	50450	50452	56778	56785	56793
Item no.		50525	50449	50451	56777	56781	56789

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

FILTOMATIC CWS



Pond manager with automatic self-cleaning



- Suitable for ponds up to 25 m³
- Intelligent control system adjusts the filtration capacity to the seasonal requirements of the pond
- Up to 40% power savings*1 thanks to UVC unit with patented self-cleaning that is activated as needed; also includes oxygen enrichment
- Incl. OASE Clear Water Guarantee*P. 173
- · Virtually invisible, the filter device can be buried to 70 % of the device height
- Cleaning effort is reduced thanks to automatic sludge discharge of the filter
- · Convenient cleaning of the filter foams
- Long service life and high quality filter sponges offer the best conditions for the filter biology
- Less string algae through continuous removal of phosphates and nutrients
- Interval cleaning, UVC and pump function can also be controlled manually
- · Special space saving filter design
- Determination of the specific replacement requirement of the bulb thanks to UVC operating hours meter
- Easy installation, low maintenance and user friendly



Automatic control unit

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



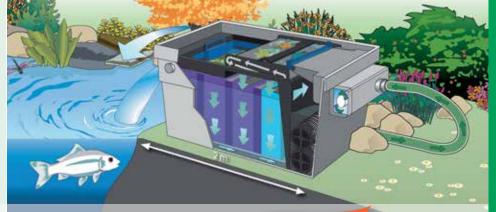
Matching filters and watercourse pumps starting on page 24

		8	reduise pumps se		
		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	7	
Power consumption cleaning W		41	54	1	
Power cable length m		10.00			
Guarantee (+ request guarantee) *P. 173	Years	2 + 1			
UVC power		11 24			
Connection inlet mm (inch)		38 (1 ½")			
Connections, outlet		DN 75			
Connections, sludge discharge		DN 40			
Litres per hour, min.	l/h	2500	350	00	
Max. flow rate	l/h	4000	5000	6000	
Suitable for ponds up to max.	m³	7.0	14.0	25.0	
Suitable for ponds with fish stock	m³	3.5	7.0	12.5	
Suitable for ponds with koi *2	m³	2.0	3.5	6.5	
Item no. (GB-Version)			-		
Item no.		50906	50910	50925	

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

BIOTEC SCREENMATIC²

High-performance filter with automatic coarse-debris extraction



PRO

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



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

ter pumps							
		BioTec ScreenMatic² 40000	BioTec ScreenMatic² 60000	BioTec ScreenMatic² 90000	BioTec ScreenMatic² 140000		
Dimensions (L x W x H)	mm	788 x 590 x 445	788 x 590 x 545	788 x 590 x 645	1200 x 800 x 760		
Power consumption	W		5				
Cable length 12 V device (with power unit) m		2.10 (Power	unit) + 5.00			
Guarantee (+ request guarantee) *P. 173	/ears	2+1					
Special filter granulate	kg	2.50	3.50	5.00	14.50		
Coarse debris extraction	μm		30	0			
Connection inlet mm (i	nch)	25 / 32 / 38 (1", 1 ¼", 1 ½")	25/32/38/50	(1", 1 ¼", 1 ½", 2")		
Connections, outlet		DN	75	DN 110			
Connections, sludge discharge			DN 50		DN 75		
Max. flow rate	l/h	9000	11000	12500	17500		
Suitable for ponds up to max.	m³	40.0	60.0	90.0	140.0		
Suitable for ponds with fish stock	m³	20.0	30.0	45.0	70.0		
Suitable for ponds with koi*1	m³	10.0	15.0	22.5	35.0		
Connection to		Bitron C 36 - 110 W, Bitron Eco 120 - 240 W					
Item no. (GB-Version)			-				
Item no.		57694	57695	46178	57696		

BIOTEC PREMIUM EGC

Compact high-performance filter with drum filter technology



- Intelligent filter system for near-to-nature ponds to 80 m³ and fish ponds up to 40 m³
- Excellent filtration capacity to 125 μm and flow-through rates up to 12.500 l/h for a crystal clear view
- The automatic rephrase cleaning sensor easily flushes debris out of the filter, thanks to drum filter technology
- Conveniently control all settings via app, through connection possibilities on the Easy Garden Control System (EGC), upgrading existing systems is possible with the upgrade kit - available separately.
- Long service life and high quality filter sponges offer the best conditions for the filter biology
- The filter is flushed only by cleaned pond water.
 Therefore a fresh water connection is not required
- Powerful, high-quality pressure pump is integrated for flushing the drum
- Particularly quiet in operation thanks to extensive noise insulation
 - PRO



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

		BioTec Premium 80000 EGC pump-fed
Dimensions (L x W x H)	mm	830 x 675 x 820
Power consumption	W	5
Power consumption cleaning	W	670
Cable length	m	5.00 + 1.00
Guarantee (+ request guarantee) *P. 173	Years	2+1
Control unit		Microcontroller
Temperature display		Digital
Coarse debris extraction	μm	125
Number of nozzles / cleaning flow rate		1 x 4.0 l/min
Rinse pump		4 bar
Automatic self cleaning		Manually, Sensor, Time interval
Connection inlet		1 x 2" + Bitron
Connection to		Bitron C 36 - 110 W, Bitron Eco 120 - 240 W, ProfiClear Classic
Connections, outlet		DN 110
Connections, sludge discharge		DN 75
Connection mud drain		DN 110
Litres per hour, min.	l/h	7500
Max. flow rate	l/h	12500
Suitable for ponds up to max.	m³	80.0
Suitable for ponds with fish stock	m³	40.0
Suitable for ponds with koi ²	m³	-
Item no. (GB-Version)		54854
Item no.		54850

² Note: When planning a new pond with koi stock, please ensure a minimum pond size of 5 m³!
³ Additional instructions concerning Easy Garden Control, are provided on pages 88 - 89

PROFICLEAR PREMIUM COMPACT

The compact-powerful alternative for smaller ponds

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





PRO





ProfiClear Premium Compact-L



ProfiClear Premium Compact Gravitation, incl. pump chamber

PROFICLEAR PREMIUM Сомраст-М





Schematic diagram: ProfiClear Premium Compact-M gravity fed system

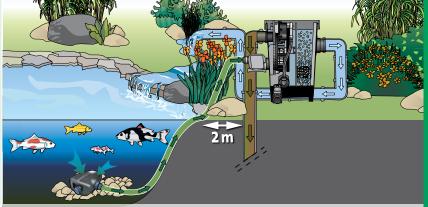






			Trans.	
		ProfiClear Premium Compact-M pumped EGC	ProfiClear Premium Compact-M gravity EGC	ProfiClear pump chamber Compact/Classic
Dimensions (L x W x H)	mm	885 x 68	5 x 820	830 x 665 x 820
Power consumption	W	5		_
Power consumption cleaning	W	670	0	-
Cable length	m	5.00 + 1.00	5.00 + 5.00	-
Guarantee (+ request guarantee) *P. 175	³ Years		2 + 1	
Control unit		Microco	ntroller	-
Coarse debris extraction	μm	80)	-
Number of nozzles / cleaning flow	rate	2 x 3.5	l/min	_
Rinse pump		4 b	ar	_
Automatic self cleaning		manually, Senso	r, Time interval	_
Biological filter surface	m²	38.	38.2	
Biological filter surface protected	m²	32.	2	_
Connection inlet	mm	50	-	-
Connection inlet		1 x 2" + Bitron	DN 110	1 x DN 185 + 2 x DN 110
Connection to		AquaOxy 2000, Bitron C 72 - 110 W, Bitron Eco 120 - 240 W	AquaOxy 2000, Bitron Premium, ProfiClear pump chamber Compact	AquaMax Eco Gravity, Bitron Premium, ProfiClear Classic
Connections, outlet		DN	110	1 x 2" / 2 x DN 110
Connections, sludge discharge		DN 75,	DN 110	DN 75
Connection mud drain		DN	110	_
Litres per hour, min.	l/h	750	00	-
Max. flow rate	l/h	12500	16500	25000
Suitable for ponds up to max.	m³	80.0	88.0	-
Suitable for ponds with fish stock	m³	40.0	44.0	_
Suitable for ponds with koi ⁴	m³	20.0	22.0	-
Type of use		Pump fed system	Gravity fed system	Gravity fed system, pump fed system
Installation height above water level	cm	32.0	0.5	
Other		Aeration pre-installed. Pollutant discharge	incl. slide valve, incl. 40l Hel-X 13 Biomedia	Pollutant discharge incl. slide valve
Item no. (GB-Version)		47009	47011	-
Harmon and		47000	47010	42012

PROFICLEAR PREMIUM COMPACT-L



Schematic diagram: ProfiClear Premium Compact-L pump fed system

		DO OF THE PARTY OF	CO E	00
		ProfiClear Premium Compact-L pumped EGC	ProfiClear Premium Compact-L gravity EGC	ProfiClear Premium Individual Module
Dimensions (L x W x H)	mm	1334 x 891 x 815	1370 x 891 x 815	830 x 600 x 820
Power consumption	W	5		-
Power consumption cleaning	W	105	50	-
Cable length	m	5.00 + 1.00	5.00 + 5.00	-
Guarantee (+ request guarantee) *P. 173	Years		2 + 1	
Control unit		Microco	ntroller	-
Coarse debris extraction	μm	60	0	-
Number of nozzles / cleaning flow	rate	4 x 2.5	l/min	-
Rinse pump		6 b	-	
Automatic self cleaning		manually, Senso	or, Time interval	-
Biological filter surface	m²	57.	.3	-
Biological filter surface protected	m²	48	.4	-
Connection inlet	mm	50	_	180
Connection inlet		1 x 2" + Bitron	DN 110	2 x 185 mm
Connection to		AquaOxy 2000, Bitron C 72 - 110 W, Bitron Eco 120 - 240 W	AquaOxy 2000, Bitron Premium, ProfiClear Moving Bed Module	AquaMax Eco Gravity, Bitron Premium
Connections, outlet		DN 110	DN 150	2 x 2" / 2 x DN 110
Connections, sludge discharge		DN 75, I	DN 110	DN 75
Connection mud drain		DN	110	-
Litres per hour, min.	l/h		10000	
Max. flow rate	l/h	20000	25000	33000
Suitable for ponds up to max.	m³	120.0	140.0	-
Suitable for ponds with fish stock	m³	60.0	70.0	_
Suitable for ponds with koi¹	m³	30.0	35.0	_
Type of use		Pump fed system	Gravity fed system	Gravity fed system. pump fed system
Installation height above water level	cm	37.0	12.5	11.5
Other		Aeration pre-installed in	Pollutant discharge incl. slide valve	
Item no. (GB-Version)		49980	49982	_
Item no.		49979	49981	50771

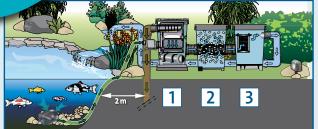
PROFICLEAR PREMIUM (%)

Perfect for koi ponds: optimized technology and digital possibilities

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







System advantages at a glance:

- Can be easily retrofitted in existing ponds
- Minimum installation effort
- · Easy to extend the system
- Optimally matched to OASE AguaMax Eco Twin / Eco Premium / Eco Expert filter pumps (starting on page 28)



System advantages at a glance:

PRO

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



DRUM FILTER MODULE

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

- Maximum particle removal to 30 μm and flow-through rates to 33 m³/h for a crystal clear view
- Automatic self-cleaning offers maximum convenience
- · Rinsing is executed with clean pond water, a mains water supply not required
- · A water resistant microcontroller system monitors and controls the main functions, operation is as easy (plug 'n' play)
- Pollutant rakes on the sieves reliably removes string algae and other larger particles from the drum
- Incomparably quiet through extensive noise damping





^{*2} Additional instructions concerning Easy Garden Control, are provided on pages 88 - 89

MOVING BED MODULE

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

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







INDIVIDUAL MODULE

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

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

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





*Additional FM-Master EGC required



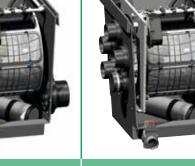




The drum filter doesn't just remove dirt particles, but is an intelligent control centre. The outstanding filter performance achieves crystal clear water and a maximal flow rate of 66 m³/h. A micro control system oversees and operates the main functions completely automatically. Ultimate convenience guaranteed, as individual adjustments to automatic self cleaning are easy to use.

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





ProfiClear Premium DF-L pump-fed EGC

ProfiClear Premium DF-L gravity-fed EGC

		pump-fed EGC	gravity-fed EGC		
Dimensions (L x W x H)	mm	830 x 60	0 x 820		
Power consumption	W	5			
Power consumption cleaning	W	105	50		
Cable length	m	5.00 + 1.00	5.00 + 5.00		
Guarantee (+ request guarantee) *P. 173	Years	2 +	·1		
Control unit		Microco	ntroller		
Temperature display		Digi	tal		
Coarse debris extraction	μm	60)		
Rinse pump		6 bar			
Automatic self cleaning		manually, Sensor, Time interval			
Material		GRP Duroplast/stainless steel			
Number of inlets	EA	2	4		
Connection inlet		2 x 2" (50 mm) + Bitron	DN 110		
Number of outlets	EA	2			
Connections, outlet		DN	150		
Connection mud drain		DN	110		
Connection to		Bitron C 72 - 110 W, Bitron Eco 120 - 240 W	Bitron Premium		
Litres per hour, min.	l/h	100	00		
Max. flow rate	l/h	25000	33000		
Installation height above water level	cm	40.0	11.5		
Type of use		Pump fed system	Gravity fed system		
Item no. (GB-Version)		47004	47006		
Item no.		47003	47005		



Dimensions (L x W x H)

Biological filter surface

Material

Number of inlets

Connection inlet

Number of outlets

Connections, outlet

Litres per hour, min.

Max. flow rate

Connection to

Type of use

Guarantee (+ request guarantee) *P. 173

Biological filter surface protected

Installation height above water level





2 ProfiClear Premium Moving Bed Module	3 ProfiClear Premium Individual Module						
830 x 60	00 x 820						
2 +	÷1						
47.8	-						
40.3	-						
GRP Duroplast	GRP Duroplast/stainless steel						
2							
18	0						
2	4						
DN 150	2 x 2" (50 mm) / 2 x DN 110						
100	00						
330	00						
AquaOxy CWS 2000 - 4800	AquaMax Eco Gravity, Bitron Premium						
11.	.5						
Gravity fed system, Pump fed system							

BIOLOGICAL PERFORMANCE OF HEL-X AND PONDPADS IN THE MOVING BED MODULE:

m²

m²

EΑ

EΑ

I/h

I/h

cm

mm

60 l of Hel-X breaks down approx. 400 g of food per day. 60 l of PondPads breaks down approx. 1200 g of food per day. Up to three Moving Bed Modules can be used in the L/XL series. The biological performance is influenced by factors including the temperature, food quality and the microorganism settlement density in the Hel-X/PondPads.



2 Moving bed module – whirling Hel-X

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

3 Individual module – flexible and highly effective

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

PROFICLEAR Premium XL 🚳



Filter system for demanding koi and large ponds



PRO

- Modular filter system for large natural ponds and swim ponds up to 530 m³ and koi ponds up to 100 m³
- Integrated overflow protection for continuous safe operation (for the pumped version only)
- Modern modular filter system for professional water quality where space is at a minimum
- Outstanding filter capacity with intelligent control functions
- Intelligent self-cleaning function for unique maintenance-free operation (drum filter module)
- Conveniently control all settings via an app with the Easy Garden Control System (EGC)
- Breaks down pollutants and nutrients even more effectively using purpose-designed filter media in the moving bed process (Moving Bed module)
- For discerning owners of large ponds: Particularly high degradation rates of ammonium, ammonia, nitrite and nitrate due to larger moving bed modules for up to 150 litres Hel-X, and especially in combination with the biofilter media OASE PondPads
- Innovative and reliable product "Made in Germany" (except pressure pump)



ProfiClear Premium XL system gravity



ProfiClear Premium XL system pump-fed





Extras

Highest possible settlement surface area to break down pollutants even more quickly and efficiently for micro-organisms $(5000 \text{ m}^2/\text{m}^3).$



DRUM FILTER MODULE XL MOVING BED MODULE XL

Think Big: Larger drum with a flow rate of up to 66,000 l/h (gravity-fed system) and 50,000 l/h (pump-fed system)

- Both the gravity-fed systems and the pumpfed systems can be used flexibly
- The fully automated self-cleaning system provides maximum convenience
- A waterproof microcontroller system monitors and controls the key functions while being easy to use (Plug 'n' Play)
- The system indicates errors retroactively during operation and allows users to set and adjust forced rising, rinsing duration and additional rinsing
- Pollutant trough made of flexible EPDM material prevents larger particles from jamming
- · VDE certification guarantees all products meet stringent safety standards

Enlarged moving beds for up to 66 m³/h of the powerful OASE PondPads filter media or 150 litres of Hel-X

- Remove toxins, such as ammonium/ ammonia and nitrite/nitrate
- 60 l of OASE PondPads decompose approx. 1200 g of fish feed per day. The effectiveness depends on the temperature, quality of the feed and the density of the microorganism settlement
- The pre-installed aerator rod optimally enriches the water with oxygen and creates the desired movement in the water
- · Benefits of the fluidised bed method: A constant supply of the optimal amount of oxygen; self-cleaning process for removing dead biomass;
- Designed based on expertise from the field of industrial water treatment
- Built-in floor drain with high-quality Göckegate valve



DISCHARGE MODULE XL

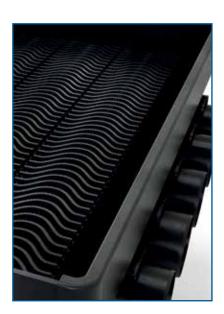
Optimally suited for high-performance filter pumps and UVC clarifiers

- Enlarged pump and UVC chamber to allow for easy integration of: AquaMax Eco Expert and AquaMax Eco Titanium filter pumps as well as the Bitron Premium XL UVC clarifiers
- DN 110 and 2" connections for maximum connection flexibility
- A fixed-bed filter in the pump-fed model of the drain module adds those final touches to ensure that the water is crystal clear. 5 x DN 110 drainage connection
- · Built-in floor drain with high-quality gate valve











		ProfiClear Premium DF-XL pump-fed EGC	ProfiClear Premium DF-XL gravity EGC			
Dimensions (L x W x H)	mm	1330 x 8	75 x 820			
Power consumption	W	5	5			
Power consumption, cleaning	W	160	00			
Cable length	m	5.00 +	+ 5.00			
Net weight	kg	125	.00			
Guarantee (+ request guarantee) *P. 173	Years	2 -	+1			
Control unit		Microco	ontroller			
Temperature display		Digital				
Coarse debris extraction	μm	60				
Rinse pump		7 bar				
Automatic rinsing system		manually, Sensor, Time interval				
Material		GFK Duroplast/stainless steel				
Number of inlets	Units	5	7			
Inlet connections	mm	-	_			
Inlet connections		3 x 2" / 2 x DN 110	DN 110			
Number of outlets	Units	2	2			
Outlet connections		180	mm			
Flush trough connection		DN	110			
Connection to		Bitron Premium, ProfiCl. Prem. XL discharge module pump, ProfiClear Premium XL Moving Bed	Bitron Premium, ProfiCl. Prem. XL discharge module grav., ProfiClear Premium XL Moving Bed			
Min. flow rate	l/h	250	000			
Max. flow rate	l/h	50000	66000			
Installation height above water level	cm	52.0	13.5			
Possible water level difference		-	-20 mm			
Type of use		Pump fed system	Gravity fed system			
Item no. (GB-Version)		73366	73364			
Item no.		73365	73363			



		ST 177 CAN WILLIAM WASSISSING						
		ProfiClear Premium XL Moving Bed	ProfiCl. Prem. XL discharge module pump	ProfiCl. Prem. XL discharge module grav.				
Dimensions (L x W x H)	mm		1330 x 875 x 820					
Guarantee (+ request guarantee)*P. 173	Years		2 + 1					
Biological filter surface	m²	5000.0	_	400.0				
Biological filter surface protected	m²	300.0	_	81.0				
Material		GRP Duroplast	GRP Duroplast GRP Duroplast/stainless steel					
Number of inlets	Units	2						
Inlet connections	mm	180						
Number of outlets	Units	2	9					
Connections, outlet	mm		-					
Outlet connections		180 mm	DN 110	4 x 2" / 5 x DN 110				
Min. flow rate	l/h		25000					
Max. flow rate	l/h	66000	50000	66000				
Connection to		AquaOxy 4800, ProfiClear Premium DF-XL pump-fed EGC , ProfiClear Premium DF-XL gravity , ProfiClear Premium XL pump-fed drain module, ProfiClear Premium XL gravity-fed drain module	AquaOxy 2000, ProfiClear Premium DF XL pumped EGC, ProfiClear Premium XL Moving Bed	Bitron Premium, ProfiClear Premium DF-XL Gravitation EGC, ProfiClear Premium XL Moving Bed				
Installation height above water level	cm	8.5	32.0	8.5				
Type of use		Gravity fed system, Pump fed system	Pump fed system	Gravity fed system				
Item no. (GB-Version)								
Item no.		73367	73369	73368				

SELECTION TABLE - PROFICLEAR PREMIUM

-	Natural ponds & swim ponds		40 m³	70 m³	100 m³	150 m³	200 m³	300 m³	400 m³	500 m³
	ProfiClear Premium L	EA	1	1	1	-	-	-	-	-
	ProfiClear Premium XL	EA	-	-	-	1	1	1	1	1
THE RESERVE	Moving Bed filter module L	EA	1	2	2	-	-	-	-	-
	Moving Bed filter module XL	EA	-	-	-	1	2	2	3	3
G CALL	Individual module	EA	1	1	1	-	-	-	-	-
AND THE RESERVE	Discharge module XL	EA	-	-	-	1	1	1	1	1
	Bitron 72 W / 110 W	EA	72 W	72 W	110 W	-	-	1	-	-
	Bitron Eco 120 W / 180 W / 240 W	EA	-	-	120 W	180 W	240 W	-	-	-
	Bitron Premium 60 W / 120 W / 180 W	EA	-	-	120 W	180 W	2 x 120 W	-	2 x 180 W	3 x 180 W
	Pump capacity/h = pond size/6									
Con Man .	This table considers the usual flow losses within the filter	system	n. All references re	garding our Filt	er / UVC combin	ations for specia	l pond sizes are b	pased on Mid-Eu	ropean climatic o	conditions.



	With fish stock		20 m³	40 m³	50 m³	80 m³	100 m³	150 m³	200 m³	300 m³
Ž	ProfiClear Premium L	EA	1	1	1	-	_	_	-	_
	ProfiClear Premium XL	EA	-	-	-	1	1	1	1	1
K	Moving Bed filter module L	EA	1	2	2	-	-	-	-	-
	Moving Bed filter module XL	EA	-	-	-	1	2	2	3	3
	Individual module	EA	1	1	1	-	-	-	-	-
	Discharge module XL	EA	-	-	-	1	1	1	1	1
é	Bitron 72 W / 110 W	EA	72 W	72 W	110 W	110 W	-	1	-	-
ş	Bitron Eco 120 W / 180 W / 240 W	EA	-	-	120 W	120 W	180 W	240 W	-	-
	Bitron Premium 60 W / 120 W / 180 W	EA	60 W	60 W	120 W	120 W	180 W	60 W + 180 W	120 W + 180 W	2 x 180 W
8	Pump capacity/h = pond size/3									

How to calculate the right UVC power for your pond

Ponds without fish stock: 1W UVC power per m³ pond volume Ponds with fish stock: 2 W UVC power per m³ pond volume Ponds with koi stock: 4 W UVC power per m³ pond volume Note: To keep bacteria levels low in koi ponds, adhere to the recommended flow rate for the Bitron Premium series. Aim to achieve a circulation of at least 55% of the pond volume/hour



Hel-X Bio Medium 13 I

Increases the biological performance. 2 x 251 suffices for approx. 340 g fish food/day.

Item no. 42904





Discharge set ProfiClear Premium pump-fed system With the optional discharge adapter you can operate the ProfiClear Premium in pump-fed

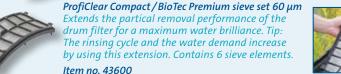
setup even without the individual chamber.

Item no. 50949

ProfiClear Premium Sieve Set 150 μm

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

Item no. 50947



SELECTION TABLE - PROFICLEAR PREMIUM COMPACT

-	Natural ponds & swim ponds (without fish stock)		40 m³	60 m³	80 m³	100 m³	120 m³	140 m³		
	ProfiClear Premium Compact M	EA	1	1	1	-	-	-		
	, , ,	EA	1	1	1	-	-	-		
S DESCRIPTION OF THE PARTY OF T	ProfiClear Premium Compact L	EA	1	1	1	1	1	1		
	ProfiClear Individual module	EA	1	1	1	1	1	1		
	Bitron 72 W	EA	1	1	-	-	-	-		
	Bitron 110 W	EA	-	-	1	1	-	-		
APPENDING THE PARTY OF	Bitron Eco 120 W	EA	-	-	-	_	1	-		
	Bitron Eco 180 W	EA	-	-	-	-	-	1		
100	Bitron Eco 240 W	EA	-	-	-	-	-	-		
	Bitron Premium 60 W / 120 W / 180 W	EA	1	1	1	1	2	2		
	Pump capacity/h = pond size/6									
从前程	* Double-row configuration (the filter system must be operate	ed in two f	ilter rows that a	are separate fro	m each other) s	ee illustration t	to the left.			

	With fish stock (up to 1 kg / 1000 l)		20 m³	30 m³	40 m³	50 m³	60 m³	70 m³							
	ProfiClear Premium Compact M	EA	1	1	1	-	-	-							
	ProfiClear pump chamber Classic / Compact	EA	1	1	1	-	-	-							
	ProfiClear Premium Compact L	EA	1	1	1	1	1	1							
	ProfiClear Individual module	EA	1	1	1	1	1	1							
-/ 1	Bitron 72 W	EA	1	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	-	-	-	-	-	_							
V (7.75)	Bitron Premium 60 W / 120 W / 180 W	EA	1	1	1	1	2	2							
	Pump capacity/h = pond size/3														
	* Double-row configuration (the filter system must be operated in	n two f	ilter rows that	are separate fro	m each other) s	Double-row configuration (the filter system must be operated in two filter rows that are separate from each other) see illustration to the left.									

ALC: NO PERSON NAMED IN COLUMN 1
VARIABLE
A STATE OF THE PARTY OF THE PAR
AND RESPONDED
100000000
C200000
22.00
THE RESIDENCE OF THE PARTY OF T
Marine Company of the Address of the Company of the
STREET, STREET
CONTRACTOR OF THE PROPERTY OF
CONTRACTOR OF THE PARTY OF THE
Company of the Compan
CONTRACTOR OF THE PARTY OF THE
The second second
Control of the Contro
At 200
The second secon
452.53
44425200
UNSON
2500N0000000000000000000000000000000000
45000000000000000000000000000000000000
SHOWWWOOLIGE MILE
- TNOWWOODS LAGREST
ACCUANGE (1975)
AND ADDRESS OF THE PARTY OF THE
The second secon
And in column 2 is not a second of

Koi ponds		15 m³	20 m³	22 m³	30 m³	35 m³	75 m³	100 m³
ProfiClear Premium Compact M	EA	1	1	1(gravity-fed system)	-	-	-	-
ProfiClear pump chamber Classic / Compact	EA	1	1	1	-	-	-	_
ProfiClear Premium Compact L	EA	1	1	1	1	1(gravity-fed system)	-	_
ProfiClear Individual module	EA	1	1	1	1	1	-	-
Bitron 72 W	EA	1	-	-	-	-	-	-
Bitron 110 W	EA	-	-	1	-	-	-	-
Bitron Eco 120 W	EA	-	-	-	1	-	-	-
Bitron Eco 180 W	EA	-	-	-	-	1	-	-
Bitron Premium 60 W / 120 W / 180 W	EA	1	1	1	2	2	-	-
Pump capacity / h = pond size / 1,5								

VITRONIC **P.173

Universal UVC clarifiers



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

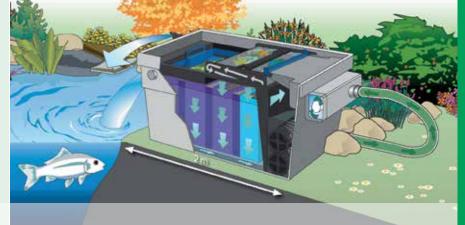
START



		Vitronic 11 W	Vitronic 18 W	Vitronic 24 W	Vitronic 36 W	Vitronic 55 W
Dimensions (L x W x H)	mm	330 x 120 x 100		529 x 186 x 130		660 x 155 x 130
Power consumption	W	14	18	24	36	55
Power cable length	m	3.00				
Guarantee *P.173	Years					
UVC power	W	11	18	24	36	55
Connection inlet	mm (inch)	19/25/32/38(¾",1",1¼",1½")		25 / 32 / 38 (1	", 1 ¼", 1 ½")	
Connections, outlet	mm (inch)	19/25/32/38(¾",1",1¼",1½")		25 / 32 / 38 (1	", 1 ¼", 1 ½")	
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 sto	ock m³	5.0	10.0	12.5	20.0	30.0
Suitable for ponds with koi*1	m³	2.5	5.0	6.5	10.0	15.0
Connection to		-	BioSmart 18000,	_		
Item no. (GB-Version)						
Item no.		57370	56837	56869	56885	57373

BITRON C

UVC clarifiers with patented self-cleaning and bypass technology



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



Matching filter systems on page 41, 43, 44, 45, 46, 48

		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 18	0 x 198	730 x 215	5 x 200	
Power consumption	W	24	36	55	72	110	
Power cable length	m			5.00			
Guarantee *P. 173	Years			2			
UVC power	W	24	36	55	72	110	
Number of inlets	Unit		1				
Connection inlet	mm (inch)	25 / 32 / 38 (1", 1 ¼", 1 ½")		19 / 25 / 32 / 38 / 50	(¾", 1", 1 ¼", 1 ½", 2")		
Litres per hour, min.	l/h	4000	800	00	12000		
Max. flow rate	l/h	15000	300	00	400	00	
Suitable for ponds up to max.	m³	25.0	40.0	60.0	75.0	110.0	
Suitable for ponds with fish sto	ck m³	12.5	20.0	30.0	37.5	55.0	
Suitable for ponds with koi ^{*1}	m³	6.5	10.0	15.0	19.0	27.5	
Connection to		BioSmart 18000/36000 BioSmart 18000/36000, BioTec ScreenMatic ² 40 - 60000 BioTec 30, BioTec ScreenMatic ² 90 - 140000, ProfiC					
Item no. (GB-Version)				-			
Item no.		56804	56799	56823	56901	56902	

PRO

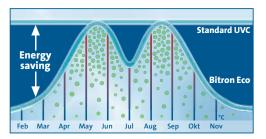
BITRON ECO FOR



High-efficiency UVC clarifiers



- Concentrated UVC power clears ponds up to 240 m³
- High intensity treatment of suspended algae, turbidity and harmful bacteria in the pond water
- Now with unique UVC bulb with 50% longer service life (12,000 h) developed in cooperation with Philips
- High volume UVC housing with organic shape for a particularly long water retention time
- Eco control system enables maximum energy efficiency with savings potential of up to 50 %¹¹
- More protection for the climate. Eco mode saves up to 525 kg CO²/year^{*1}
- Intelligent bypass regulation automatically adapts the flow rate to the pump capacity in the filter system
- If desired, continuous irradiation or device switch off are possible at the touch of a button
- Clever UVC function monitor, display for bulb change and water temperature
- Fully effective UVC radiation at all times, thanks to patented cleaning automation for the UV bulb
- Simple connection to other 2" filter systems
- 100%, VDE-certified safety; does not cause eye injuries
- Including OASE Clear Water Guarantee in conjunction with the OASE flow through filters, BioTec and ProfiClear



PRO



		Bitron Eco 120 W	Bitron Eco 180 W	Bitron Eco 240 W			
Dimensions (L x W x H)	mm		725 x 227 x 248				
Power consumption	W	120	180	240			
Power cable length	m		5.00				
Guarantee (+ request guarantee)	*P. 173 Years		2 + 1				
UVC power	W	120	180	240			
Number of inlets	Unit		1				
Connection inlet	mm (inch)		38 / 50 (1 ½", 2")				
Connections, outlet	mm (inch)	38 / 50 (1 ½", 2")					
Max. flow rate	l/h	50000					
Max. operating pressure	bar	1					
Suitable for ponds up to max.	m³	120.0	180.0	240.0			
Suitable for ponds with fish sto	ck m³	60.0	90.0	120.0			
Suitable for ponds with koi*2	m³	30.0	45.0	60.0			
Connection to		BioTec 30, BioTec ScreenMatic ² 90 - 140000, ProfiClear BioTec 30, BioTec ScreenMatic ² 140000, ProfiClear					
Item no. (GB-Version)		-					
Item no.		56769	56405	56410			

¹ Relative to devices in continuous operation. Bitron Eco 240 at 305 days of operation in EcoMode 50% and Central European temperature profile. With a different combination, savings are possibly lower. CO₂ calculation: www.iwr.de ²² Note: When planning a new pond with koi stock, please ensure a minimum pond size of 5 m³!

BITRON PREMIUM (



Highly efficient — perfect for both pump-fed and gravity-fed filter installations



- Suitable for ponds up to 280 m³
- Extremely effective elimination of algae and pathogenic bacteria - similar to an immersion UVC
- 100% VDE-certified safety; does not cause eye injuries
- Energy efficient thanks to electronic ballast
- · Extremely easy installation with stainless steel connection elements
- Flexible connection upstream or downstream of the ProfiClear filter system — as well as for other gravity-fed applications
- In the event of pond enlargements or an increase in fish stock, extension with additional Bitron Premium UVC devices is possible at any time
- Horizontal or vertical setup possible





Matching filter systems on page 45, 48

		Bitron Premium 60 W	Bitron Premium 120 W	Bitron Premium 180 W		
Dimensions (L x W x H)	mm	700 x 290 x 205	700 x 387 x 305	700 x 417 x 340		
Power cable length	m	5.00	7.0	00		
Guarantee *P. 173	Years		2			
UVC power	W	60	120	180		
Connection inlet			DN 110			
UVC power			DN 110			
Max. flow rate	l/h	40000	70000	100000		
Rec. flow rate (gravity-fed)	l/h	62500	33000	50000		
Suitable for ponds up to max.	m³	90.0	185.0	280.0		
Suitable for ponds with fish stock	m³	50.0	100.0	160.0		
Suitable for ponds with koi 1	m³	33.0	66.0	100.0		
Connection to		AquaMax, ProfiClear				
Type of use		Gravitation, Pumpsystem				
Item no.		73374	73375	73376		

AQUAOXY

Flexible oxygen supply for ponds



- Suitable for ponds up to 50 m³ or with high fish stock
 Special safe 12 volt technology for AquaOxy 1000 2000
 Optimal oxygen supply for pond flora and fauna
 Robust motor and high-quality UV-stabilised housing
 Reduced noise, energy-efficient operation
 Flexible location thanks to adequate hose length

- Easy and convenient handling
 Included in the scope of delivery: Air stones and replacement membrane set

From AquaOxy 1000

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

AquaOxy 4800

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



		AquaOxy 250	AquaOxy 500	AquaOxy 1000	AquaOxy 2000	AquaOxy 4800
Dimensions (L x W x H)	mm	167 x 106 x 75	185 x 140 x 110	220 x 22	25 x 135	245 x 185 x 200
Rated voltage (primary, secondary)		_		230 V / 50 H	z, 12 V / AC	-
Rated voltage		230 V /	50 Hz	-	-	220 - 240 V / 50/60 Hz
Power consumption	W	4	8	15	25	60
Power cable length	m	3.0	0	2.00 (Power	unit) + 3.00	5.00
Guarantee *P. 173	Years			2		
Max. flow rate	l/h	250	500	1000	2000	4800
Pressure		0.15 / 1.50	0.2 /	2.00	0.25 / 2.50	0.35 / 3.00
Mechanical adjustment		Ne	0		Yes	
Hose (quantity / length / diameter)		1 UNIT / 10 m / 4.5 mm		2 pc / 5 m / 4.5 mm		4 pc / 5 m / 4.5 mm
Number of outlets	Unit	1		2		4
Suitable for ponds up to max.	m³	3.0	5.0	10.0	20.0	50.0
Outdoor suitability			splash resistant			
Number of air stones	Unit	1		2		4
Item no. (GB-Version)		73377	57567	-	57437	73378
Item no.		34064	57063	37125	57350	50398

OXYTEX / SETS

Pond aerator and filter medium in one

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

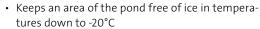




		OxyTex 400	ОхуТех 1000	OxyTex Set 500	OxyTex Set 1000	OxyTex Set 2000
Dimensions (Ø x H)	mm	144 x 290	220 x 300	144 x 290	220 x	300
Rated voltage (primary, secondary))	-		-	230 V / 50 H	z, 12 V / AC
Rated voltage		-	-		-	
Power consumption	W	-	-		15	25
Power cable length	m	-	-		2.00 (Power unit) + 3.00	
Guarantee *P. 173	Years					
Biological filter surface	m²	1.5	3.5	1.5	3.5	7.0
Max. operating pressure	bar	0.4	4	0.4		
Pump capacity, max.	l/h	500	1000	500	1000	2000
Hose (quantity / length / diameter	iameter) 1 pc / 5 m / 4.5 mm		2 pc / 5 m / 4.5 mm			
Increase in filter capacity		Up to 10 % Up to 25 %		Up to 10 % Up to 25 %		25 %
Other		1 OxyTex, incl. 9 mm adapter		1 OxyTex		2 OxyTex
Item no. (GB-Version)		-	<u>-</u>		-	
Item no.		50443	50290	57071	50249	50275

ICEFREE 4 SEASONS

Ice preventer and water feature in one device



- Ensures oxygen access to the water and allows harmful fermentation gases to escape
- Maintains the warm temperature zones on the floor
- Extremely energy-efficient pump technology without additional heating element (requires a depth of at least 80 cm)
- In summer it can be optimally used as a water feature







		IceFree 4 Seasons
Dimensions (L x W x H)	mm	200 x 160 x 840
Rated voltage		230 V / 50 Hz
Power consumption	W	5
Power cable length	m	10.00
Guarantee *P. 173	Years	2
Max. flow rate	l/min	7
Max. head height, metres	m	0.75
Frost control function		No
Item no. (GB-Version)		-
Item no.		49992

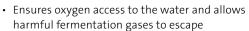


Recommendation

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

ICEFREE THERMO

Ensure your pond is safe this winter



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







Recommendation

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

		IceFree Thermo 200	IceFree Thermo 330
Dimensions (L x W x H)	mm	300 x 135 x 270	300 x 135 x 334
Rated voltage		220 - 240	V / 50 Hz
Power consumption	W	200	330
Power cable length	wer cable length m		00
Guarantee *P. 173	Years	2	
Frost control function		No	Yes
Item no. (GB-Version)		-	
Item no.		51230	51231





Tip

For further information visit:

www.oase.com/advisor

POND CLEANING & SKIMMERS

Skimmers / Pond vacuums & Pool vacuums

- 68 SwimSkim
- 68 AquaSkim
- 69 BioSys Skimmer +
- 69 ProfiSkim
- 70 PondoVac Classic
- 70 PondoVac 3
- 71 PondoVac 4
- 72 PondoVac 5

Pond care



NEW 73 Useful pond helpers

SWIMSKIM

Floating for clear water surfaces





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

		SwimSkim 25	SwimSkim 50
Dimensions (L x W x H)	mm	332 x 297 x 263	450 x 400 x 390
Rated voltage		220 - 240	V / 50 Hz
Power consumption	W	40	45
Power cable length	m	10.0	00
Filter volume	1	0.9	4.5
Pump capacity, max.	l/h	2500	3500
Item no. (GB-Version)		50124	-
Item no.		57384	50170

AQUASKIM

Variable stationary and gravity fed skimmer





- Powerful suction cleaning of pond surfaces up to 40 \mbox{m}^{2}
- Adaptation to differences in the water level to 120 mm
- The result is clearly improved water quality and viewing depth through direct suction removal of pollutants on the surface
- Base with large surface receptacle shell for rocks as ballast
- AquaSkim 20 ideal for use on the AquaMax Eco Premium 4000-8000
- AquaSkim Gravity with high quality DN 160 / 110 adapter for easy integration in DN 110 line systems
- Easy maintenance with easily accessible coarse debris basket
- Debris basket can also be taken out from a distance via grip hooks
- Ideal combination with AquaMax Eco Premium filter and watercourse pumps

		AquaSkim 20	AquaSkim 40	AquaSkim Gravity
Dimensions (Ø x H)	mm	350 x	800	170 x 260
Height adaptation	mm	370 - 850	380 - 880	-
Filter volume	1	1.2	1.4	4
Pos. water level difference	mm	100	12	0
Pump capacity, min.	l/h	4000	800	00
Pump capacity, max.	l/h	8000	200	00
Connections, outlet	mm (inch)	25 / 32 / 38 (1", 1 ¼", 1 ½")	DN 110
Item no. (GB-Version)			-	
Item no.		51236	56907	51237

BIOSYS SKIMMER +

Skimmer for installation on the pond edge





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

		BioSys Skimmer +
Dimensions (L x W x H)	mm	580 x 400 x 450
Possible water level difference	mm	100
Filter volume	1	12
Pond surface, max.	m²	50
Pump capacity, min. / max.	l/h	6000 / 16000
Connections, outlet	mm (inch)	25 / 32 / 38 (1", 1 ¼", 1 ½")
Item no. (GB-Version)		-
Item no.		57137

PROFISKIM / PROFISKIM WALL

The pro for the shallow water zone





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

		ProfiSkim Wall 100	ProfiSkim 100	ProfiSkim Premium
Dimensions (L x W x H) / (L x W) mm	273 x 267 x 408	780 x 585	500 x 340
Height adaptation		-	350 - 55	0 mm
Connections, outlet	mm (inch)	DN 110	50 (2"),	DN 110
Rec. flow rate (pump-fed)	l/h	-	10000-20000	6000-16000
Rec. flow rate (gravity-fed)	l/h	12000	10000-12000	6000-12000
Filter volume	1	-	12	7
Pond surface, max.	m²	30	80	65
Item no. (GB-Version)			-	
Item no.		70895	57134	51185

PONDOVAC CLASSIC

Patented convenience for suction cleaning without interruptions





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

		PondoVac Classic
Dimensions (L x W x H)	mm	370 x 370 x 580
Power consumption	W	1400
Guarantee *P. 173	Years	2
Suction depth max.	m	2.00
Max. flow rate	l/h	3000
Length, suction hose	m	4.00
Item no. (GB-Version)		50110
Item no.		50529

PondoVac 3

Convenient and effective - without any interruptions



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





		PondoVac 3
Dimensions (L x W x H)	mm	435 x 395 x 670
Power consumption	W	1600
Power cable length	m	4.00
Guarantee (+ request guarantee) *P.173	Years	2+1
Suction depth max.	m	2.10
Max. flow rate	l/h	4000
Length, suction hose	m	4.00
Item no. (GB-Version)		37148
Item no.		37102

PondoVac 4

Powerful pond and pool vacuum - entirely without bothersome interruptions

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























Two chamber system

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

		PondoVac 4
Dimensions (L x W x H)	mm	435 x 395 x 670
Power consumption	W	1700
Power cable length	m	4.00
Guarantee (+ request guarantee) *P. 173	Years	2+1
Suction depth max.	m	2.40
Max. flow rate	l/h	5000
Length, suction hose	m	5.00
Length, discharge hose	m	2.50
Item no. (GB-Version)		42939
Item no.		50388

PONDOVAC 5

Pond & pool vacuum with integrated feed pump





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







		PondoVac 5
Dimensions (L x W x H)	mm	436 x 425 x 716
Power consumption	W	1700
Power consumption pump	W	900
Power cable length	m	7.50
Guarantee (+ request guarantee) *P. 173	Years	2+1
Suction depth max.	m	2.50
Max. flow rate	l/h	8000
Floating hose application	mm	38
Item no. (GB-Version)		41983
Item no.		41982

USEFUL POND HELPERS

For ease of use in and around the garden pond





AQUANET POND NETS

Protects the pond from falling leaves in autumn

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

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

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

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

NETS

For use around the garden pond

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

Profi Fish net Item no. 50079

Profi Pond net Item no. 50078

Fish net small / large Item no. 36300 / 36299

Algae net small / large Item no. 36298 / 36297



NEW Pond net rectangular Item no. 84297

Pond net triangular Item no. 84308

Pond net round extra large
Item no. 84310

Algae net triangular Item no. 84318

POND TOOLS

Pond cleaning without dirty hands

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



EasyPick Item no. 40291







For further information visit:

www.oase.com/advisor



AquaActiv pond treatments



- 75 Improving water quality
- 77 Problem solvers
- 77 Dechlorinator
- 78 Binding nutrients
- 78 PhosLess Flow
- 79 Controlling / preventing algae
- 80 Disinfection
- 81 Through the pond season with OASE

AquaActiv Fish medicine

82 Fish medicine





IMPROVING WATER QUALITY

Water treatment

Provides optimal support of the pond biology – with 2-phase effect

The gel and balls can be placed straight in the filter or the pond.

The balls will dissolve completely over time. If the pond contains fish, place the balls in the enclosed net before using them.







78110: Ø 5 cm

78111 / 78112 : Ø 2 cm

....,

DuoBoost Seffective water treatment

- Significant improvement of water quality and pond biology
- · Simple to use, as often as required
- Important trace elements and minerals for all pond types

Ponds up to max. (m³) 20,00 (m³) 30,00 (m³) 90,00 Item no. 78110 78111 78112



Info

DuoBoost has been specially developed to support pond biology. It consists of two complementary phases of action:

The first phase of action is a gel that is placed straight in the pond or the filter chamber. This gel is a highly active fluid containing enzymes and bacteria that removes organic dirt, ammonium and nitrite. The filter bacteria are activated at the same time.

The **second** phase of action is a **ball** measuring 2 cm or 5 cm in diameter that dissolves over time, releasing important trace elements, cosubstrates, minerals and valuable additives that are otherwise difficult to put into an artificial pond.

If required, you can repeat **treatment** with DuoBoost several times a year. Both phases lay the foundations for achieving clear, healthy water and exceptional pond biology. If the water is green, however, you should use a UVC clarifier to remove the algae causing the problem.



When stocked with fish, the DuoBoost balls can be placed in a practical net.



Rapid development of filter biology
To support pond biology, the DuoBoost balls
can be inserted directly into the filter.



The foundation for clear water

By supporting pond biology and improving water quality, the foundation for a healthy body of water is created.





IMPROVING WATER QUALITY



Container size: 100 ml | 200 ml | 2 l

BIOKICK

Starter cultures

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

Ponds up to max. (m³) 5.0 (m³) 10.0 (m³) 100.0 50939 Item no. 50295 Item no. (GB-Version) 75834

Filter Starter in comparison

76

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



Container size: 450 ml + 50 ml

BIOKICK FRESH

Starter cultures

Like BioKick, however:

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

(m³) 10.0 Ponds up to max. 50562 Item no. Item no. (GB-Version) 75837





Quicksticks 6 in 1 Item no. 50570













Container size: 4 x 20 ml

BIOKICK PREMIUM

High-performance bacteria for pond filters

Like BioKick, however:

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

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

*At the time of filling



PROBLEM SOLVER

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





SEDIFREE

Effective against pond silt

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

 Ponds up to max.
 (m³) 10.0

 Item no.
 50561

 Item no. (GB-Version)
 75820

OxyPlus

Increases the oxygen content

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

 Ponds up to max.
 (m²) 10.0

 Item no.
 50559

 Item no. (GB-Version)
 75828



OPTIPOND

Basis for water stabilisation

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

 Ponds up to max.
 (m³ 5.0
 (m³ 50.0

 Item no.
 50557
 50558

 Item no. (GB-Version)
 75823

SAFE&CARE

For water treatment incl. protection

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

 Ponds up to max.
 (m²) 10.0

 Item no.
 50563

 Item no. (GB-Version)
 70449

BIOKICK CARE

Biological pond care method

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

 Ponds up to max.
 (m²) 10.0
 (m²) 10.0
 (m²) 50.0

 Item no.
 51283
 51288

 Item no. (GB-Version)
 75831





BINDING NUTRIENTS

- Binds toxins and pollutants
- Algae protection
- Binding phosphates

Particularly efficient against excess nutrient and pollutants





PONDLITH

Natural nutrient removal

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

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

PHOSLESS DIRECT

Protection against algae production

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

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

Item no. (GB-Version) 75817

(m³) 100.0 **51287**



AQUAHUMIN

Biological algae protection

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

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

PHOSLESS

Effective protection against algae

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

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

PHOSLESS FLOW 3000

Removal of phosphates

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

Item no. 48792

PhosLess Power Flow 3000

Highly-reactive absorber

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

Item no. 48791

SECURE FLOW 3000

Prefilter for PhosLess Flow cartridges

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

Item no. 48793



CONTROLLING / PREVENTING ALGAE

- Algae control
- Biological algae protection

Cases of failure to success at levels A & B.





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

ALGO GREENAWAY*

For crystal clear pond water

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

 Ponds up to max.
 (m³) 10.0

 Item no.
 40235

 Now available in GB!
 70452

PONDCLEAR

Creates crystal clear water

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

 Ponds up to max.
 (m²) 10.0
 (m²) 100.0

 Item no.
 50552
 50555

 Now available in GB!
 70453

ALGO DIRECT*

Quickly effective against string algae

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

Ponds up to max. (m²) 10.0 (m²) 100.0 Item no. 50546 50549 Now available in GB! 70451 —



ALGO UNIVERSAL*

Effective algae control

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

 Ponds up to max.
 (m²) 10.0
 (m²) 10.0

 Item no.
 50542
 50545

 Now available in GBI
 70450

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

Frequent algae types in the garden pond:

String algae



Recommendation: AlGo Universal* and AlGo Direct*

Suspended algae



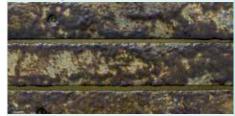
Recommendation: AlGo Universal* and AlGo Greenaway*

Red algae



Recommendation: AlGo Universal*

Brown algae (diatoms)



Recommendation: AlGo Universal* and AlGo Direct*

Blue algae



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



DISINFECTION / CLEANING AGENTS

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

Effective for water bodies without fish and plants.



ALGO FOUNTAIN*

Algae protection for fountains

- Fast help against algae and odours in ornamental fountains, decorative pools and water features
- Keeps the water fresh and clear
- · Also effective against biofilm formation
- · Prevents limescale deposits
- Compatible with surfaces and technology
- Protects against bacteria and fungus
- Long lasting effect
- Large container: 51 concentrate for pools to 10000 litres

 Pools up to max.
 (m²) 0.2
 (m²) 10.0

 Item no.
 51278
 40234

 Now available in GB!
 75803

OxyPooL*

Pond protection without chlorine

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

Ponds up to max. (m³) 100.0 **Item no.** 51062

PUMPCLEAN

Clean pond technology is effortless

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

Item no. 40242
Now available in GB! 75806



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

POND CARE WITH AQUAACTIV















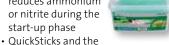




SPRING

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

- · OptiPond basic care for optimal water conditions
- BioKick starter cultures give the filter biology a real boost
- · PondLith Zeolith reduces ammonium or nitrite during the start-up phase



- Water Analysis Set monitor the water values
- · PhosLess reduces phosphates and helps prevent string algae
- SediFree reduces deposits on the pond floor – ideal in combination with the PondoVac
- Fish medicine provides remedies for diseases of the fish stock

SUMMER

Summertime is algae time

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

AUTUMN

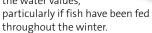
Deep cleaning before winter

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

WINTER

A period of rest for the pond and its inhabitants

- PumpClean cleans and maintains the pond technology
- · PhosLess filter inserts prevent string algae in the new season
- OuickSticks and the Water Analysis Set monitor the water values.





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

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









UNIVERSAL**

Against the most frequent diseases of pond fish

Area of application

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

Symptoms

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

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

1 ANTIPARASITE**

Against single-cell parasites

Area of application

Single-cell parasites (Protozoa), such as

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

Symptoms

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

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

2 AntiFungus**

Against fungal infections

Area of application

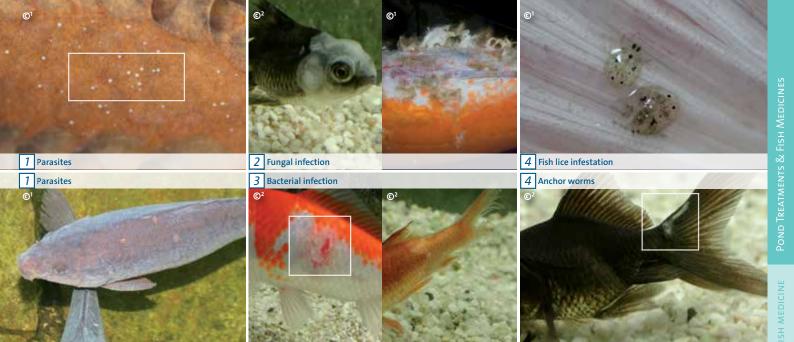
- Fungal diseases (Dermocystidium)
- Mould (saprolegnia)
- Bacterial diseases that accompany these parasites Note: Fungal infections usually occur where the skin has been injured

Symptoms

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

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





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

3 ANTIBACTERIA**

Against internal and external bacterial infections

Area of application

Internal and external bacterial infections, such as

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

Symptoms

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

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

4 AntiArgulus**

Active ingredient: Diflubenzuron For fish lice and anchor worms

Area of application

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

Symptoms

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

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

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

- GMP quality standards (Good Manufacturing Practice guarantees constant physical, chemical and microbiological inspections, from receipt of raw material to manufacturing of the product).
- "The products, Universal, AntiParasite, AntiFungus, AntiBacteria and AntiArgulus are freely available medications in accordance with §60 of the German Drug Act (AMG) and the SAES.





Tip

For further information visit:

www.oase.com/advisor

ILLUMINATION & POWER

Advisor

- 86 Pond illumination
- 88 Easy Garden Control

LED spotlights

- 90 LunAqua Terra LED
- 90 LunaLed
- 91 LunAqua Classic LED
- 91 LunAqua 3 LED
- 92 LunAqua Mini LED
- 92 LunAqua Maxi LED
- 93 LunAqua Power LED 93 ProfiLux Garden LED RGB
- 94 LunAqua Power LED XL

Power management

- 95 InScenio EGC Controller Home / Cloud
- 96 InScenio FM-Master EGC Home / Cloud
- 97 InScenio









Lighting design: tips for planning your garden lights

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

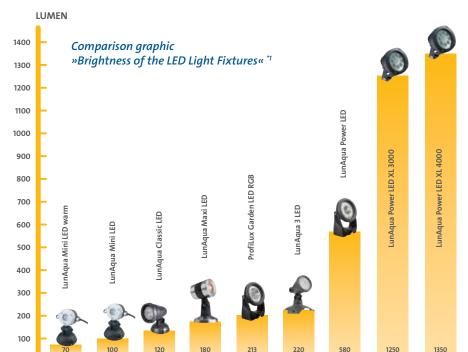
distance of 70 cm from the wall. Compare, select and then make your pond a magical, luminous haven of tranquillity.

An adequate number of power sources in the appropriate parts of the garden facilitates the installation of light. The remote controlled FM-Master (page 96) is particularly well-suited in this regard. It enables convenient regulation of your lighting from the terrace. The revolutionary FM-Master EGC Home/Cloud even enables convenient control via the app from your smart phone or tablet. Try it out!









* Additional instructions concerning the energy efficiency classes are provided on page 172

Extras Watt does not always equal brightness

Based on their own experience, most people have an idea of the luminous intensity of a classic 25 W light bulb. With the energy-saving LED light fixtures this reference between power consumption and brightness is lacking. For a comparison of the brightness of different light fixtures the luminous flux (specified »in lumens«) is an important variable for orientation. For example:

The luminous intensity of our new compact LunAqua Power LED light fixture with 580 lumens is approximately equal to that of a 50 watt light bulb. Yet it only needs 5.8 watts for this luminous intensity. See the comparison graphic to the left for other light fixtures.

Switch on the Easy Garden Control system, then switch off and let the pond look after itself

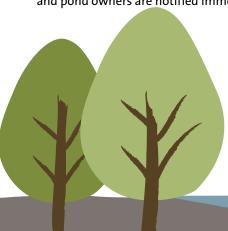
At OASE our customers and their needs are at the heart of everything we do. That's why our Easy Garden Control (EGC) system is the perfect solution for giving pond owners flexibility and peace of mind wherever they are. Whether it's a koi pond or a swimming pond, a water feature or lighting; OASE makes it easy to monitor and manage all pond technology via a central controller.

Convenient control and monitoring at home

Using the InScenio FM-Master EGC or the InScenio EGC Controller, it's possible to monitor the functionality of all compatible devices and thus the operational safety of garden and pond technology at all times. All components are easy to control via an app on a smartphone or tablet.

A rapid response – anytime, anywhere

The InScenio FM-Master EGC Cloud or InScenio EGC Controller Cloud is just as easy to connect to the home network as the Home versions. All elements can be monitored individually and from anywhere via a web browser. Even when at work, travelling for business or on holiday with the family; garden and pond owners are notified immediately via email in the



event of malfunctions and discrepancies. This feature gives them the opportunity to respond appropriately at any time, allowing them to relax and let the pond look after itself, wherever they may be.



Benefits



Peace of mind that the pond and fish are being looked after



Convenient way to control all pond and garden equipment, at home or on the road

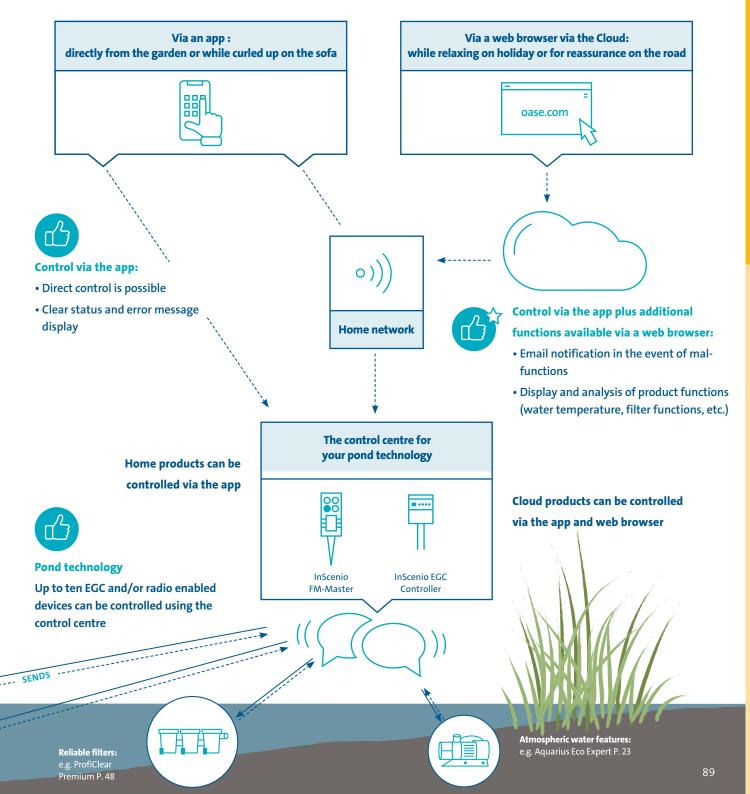


Reassurance to relax and let the pond look after itself





RECEIVES



LUNAQUA TERRA LED

Warm light recessed in the ground – as complete install set





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

		LunAqua Terra LED Set 6	LunAquA Terra LED Extension cable
Dimensions (Ø x H)	mm	45 x 15	-
Rated voltage (primary, secondary)		230 V/50 Hz, 12 V/AC	12 V / AC
Power consumption of the light fixture	W	0,25	-
Energy efficiency class light fixture		A++	-
Weighted energy consumption per light fixture	kWh/1000h	1	-
Power cable length	m	10.	00
Guarantee *P. 173	Years	2	2
Item no. (GB-Version)		Not availa	ble in GB
Item no.		50729	51057

LUNALED

Radiant LED illumination for bubbling stones





- With 6 or 9 cold white LEDs
- Diameter 30 mm or 50 mm
- Suitable for use underwater and above the water, e.g. for illumination of a bubbling stone
- High quality stainless steel cap, with which the water flow rate can be regulated
- Suitable for permanent underwater use, thanks to protection class IP68 (connection IP 44)
- Beam angle of the LED: 72°
- · Incl. low volt plug transformer
- Easy installation via the innovative hose connector $% \left(1\right) =\left(1\right) \left(1\right)$

		LunaLed 6s	LunaLed 9s	
Dimensions (Ø x H)	mm	30 x 70	50 x 70	
Rated voltage (primary, secondary)		230 V / 50 H	z, 12 V / DC	
Power consumption of the light fixture	W	<	1	
Energy efficiency class light fixture*1		А		
Weighted energy consumption per light fixture	kWh/1000h	1		
Power cable length	m	10.0	00	
Guarantee *P. 173	Years	2		
Connection inlet	mm (inch)	19 (¾")	25 (1")	
Item no. (GB-Version)		Not availa	ble in GB	
Item no.		50114	50115	

LUNAQUA CLASSIC LED

The all rounder – underwater and above the water





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

		LunAqua Classic LED Set 1	LunAqua Classic LED Set 3
Dimensions (Ø x H)	mm	75 x	114
Rated voltage (primary, secondary)		230 V / 50 H	Iz, 12 V / AC
Power consumption light fixture W		1.3	
Energy efficiency class light fixture 1		A++	
Weighted energy consumption per light fixture k	Wh/1000h	2	
Guarantee *P. 173 Years		2	
Luminous flux Im		120	
Item no. (GB-Version)			
Item no.		50527	50530

LUNAQUA 3 LED

The classic, but with LED – now even brighter





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

		LunAqua 3 LED Set 1	LunAqua 3 LED Set 3
Dimensions (Ø x H)	mm	75 x	140
Rated voltage (primary, secondary)		230 V / 50 H	z, 12 V / AC
Power consumption light fixture W		3	
Energy efficiency class light fixture *1		A+	
Weighted energy consumption per light fixture kW	h/1000h	4	
Guarantee *P. 173 Years		2	
Luminous flux Im		220	
Item no. (GB-Version)		-	
Item no.		57034	57035

LUNAQUA MINI LED

Compact and fine: For accents in the garden and pond





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

		LunAqua Mini LED	LunAqua Mini LED warm
Dimensions (Ø x H)	mm	75 ×	: 110
Rated voltage (primary, secondary)		220 - 240 V / 50/60 Hz	, 0 - 12 V / 350 mA / DC
Power consumption of the light fixture W		<1	
Energy efficiency class light fixture ¹		A++	
Weighted energy consumption per light fixture kWh/	/1000h	2	
Guarantee (+ request guarantee)*P. 173	Years	3 + 2	
Luminous flux	lm	100	70
Item no. (GB-Version)			
Item no.		50512	50513

LUNAQUA MAXI LED

Stainless steel design and flexible functionality





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

		LunAqua Maxi LED Set 3	LunAqua Maxi LED Solo
Dimensions (Ø x H)	mm	52 x 117	
Rated voltage (primary, secondary)		220 - 240 V / 50/60 Hz, 0 - 12 V / 700 mA / DC	0-12V/700 mA/DC
Power consumption of the light fixture	W	3	
Energy efficiency class light fixture ¹		A++	
Weighted energy consumption per light fixture	kWh/1000h	3	
Guarantee (+ request guarantee)*P. 173	Years	3 + 2	
Luminous flux	lm	180	
Item no. (GB-Version)		-	
Item no.		50508	50509

LUNAQUA POWER LED

Small and compact with high luminosity





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

	LunAqua Power LED Set 1	LunAqua Power LED Set 3	LunAqua Power LED W	LunAqua Power LED cable 10.0 m
Dimensions (Ø x H) mm		80 x 117		-
Rated voltage (primary, secondary)	230V/50Hz,0-2	4V/350 mA/DC	0-24V/350 mA/DC	0-24 V / 350 mA / DC / 700 mA / DC
Power consumption of the light fixture W	5.8			-
Energy efficiency class light fixture'		A++		
Weighted energy consumption per light fixture kWh/1000h	7			
Guarantee (+ request guarantee)*P.173 Years		2+1		
Luminous flux Im		-		
Item no. (GB-Version)				
Item no.	42633	42634	42635	42636

ProfiLux Garden LED RGB

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





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

	ProfiLux Garden LED RGB	ProfiLux Garden LED controller	ProfiLux Garden LED cable 7.5 m
Dimensions (Ø x H) mm	80 x 117	210 x 109 x 69	-
Rated voltage (primary, secondary)	24 V / DC	230 V / 50 Hz, 24 V / DC	24 V / DC
Power consumption of the light fixture W	6 (light)	30	-
Energy efficiency class light fixture'	А	-	-
Weighted energy consumption per light fixture kWh/1000h	7	-	-
Light flux all on Im	213	-	-
Guarantee (+ request guarantee)* P. 173 Years		2 + 1	
Item no. (GB-Version)	-	-	_
Item no.	42638	42639	42640

LUNAQUA POWER LED XL

The powerful unit for natural light





- With 4 selectable beam angles (Narrow Spot, Spot, Flood, Wide Flood) for each individual lighting situation
- Two different colour temperatures for additional design freedom: For example 3,000 kelvin lets autumn colours or blossoming plants really shine; 4,000 kelvin is more effective with green tones (hedges, reeds, fir trees, etc.)
- Excellent thermal management and high quality assure LED power for over 50,000 light hours
- Safe operation of the spotlights through 24 V DC low voltage, also in swim ponds

- Spotlights, drivers and cable suitable for underwater use to a depth of 4 m (protection class IP 68, however standard regulations do not allow underwater use of the driver in swim ponds)
- Included in the scope of delivery: 1 spotlight with 5 m cable and 1 ground stake
- Accessories additionally required: LunAqua Power LED driver (57821) with connection for up to 4 spotlights: 2 x LunAqua Power LED XL or 1 x LunAqua Power LED XL and 2 x LunAqua Power LED or 4 x LunAqua Power LED

		LunAqua Power LED XL 3000 Narrow Spot	LunAqua Power LED XL 3000 Spot	LunAqua Power LED XL 3000 Flood	LunAqua Power LED XL 3000 Wide Flood	LunAqua Power LED XL 4000 Spot	LunAqua Power LED XL 4000 Flood	LunAqua Power LED XL 4000 Wide Flood
Dimensions (L x W x H)	mm				145 x 160 x 182			
Rated voltage					24 V DC			
Power consumption of the light fixture	W				15			
Energy efficiency class light fixture *1					A+			
Weighted energy consumption per light fixture kW	h/1000h				17			
Protection class					IP 68			
Cable length 24 V device	m				5.00			
Guarantee (+ request guarantee)*P. 173	Years				2+1			
Connection EGC					No			
Illuminant type					LED			
Number of individual LEDs	ST				8			
Light flux	lm		125	50			1350	
Light colour		Warm-white Neutral-white						
Colour temperature	K	3000 4000						
Beam angle		10 Degrees	15 Degrees	30 Degrees	45 Degrees	15 Degrees	30 Degrees	45 Degrees
Item no. (GB-Version)								
Item no.		51968	57763	57762	57764	51971	51969	51978

InScenio EGC Controller Home / Cloud

Controls OASE EGC technology via app



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

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

InScenio EGC Controller Cloud

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



Extras

Recommendation

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

		InScenio EGC Controller Home	InScenio EGC Controller Cloud	
Dimensions (L x W x H)	mm	130 x 9	0 x 40	
Rated voltage		230 V / 50 Hz		
Power consumption	W	4		
Power cable length	m	2.00		
Guarantee (+ request guarantee) *P. 173	Years	2+1		
WiFi range (2.4 GHz) max.	m	80.0	00	
Connection EGC		Ye	S	
Network suitability		Router	Router / Cloud	
WiFi hotspot		Yes		
Item no. (GB-Version)		-		
Item no.		55316	55317	

InScenio FM-Master EGC Home/Cloud

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

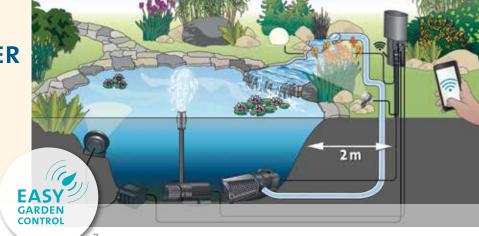


- Innovative highlight of the OASE InScenio Power Management family, controllable via WiFi on tablets or Smartphones (iOS or Android)
- Simply download the app (from the Apple Store or via Google Play) and get started
- With 4 power outlets: 3 can be switched on and off, and the 4th is dimmable
- Each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

InScenio FM-Master EGC Cloud

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







Extras



WiFi connection technology

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

		InScenio FM-Master EGC Home	InScenio FM-Master EGC Cloud	
Dimensions (L x W x H)	mm	215 x 15	5 x 295	
Rated voltage		220 - 240	V / 50 Hz	
Max. total load power	W	360	00	
Max. total load current	Α	16.0		
Guarantee (+ request guarantee) *P. 173	Years	2+1		
Radio range (433 MHz) max.	m	80.00		
WiFi range (2.4 GHz) max.	m	80.00		
Connection EGC		Yes		
Network suitability		Router	Router / Cloud	
WiFi hotspot		Yes		
Timer		Yes		
Power outlets On/Off max. 2000 W		3 x 220 - 240 V		
Power outlets, dimmable		1 x max. 40 - 320 W		
Item no. (GB-Version)		70786	70789	
Item no.		70785	70788	

INSCENIO

Flexible & decorative power management



- Extremely easy and flexible installation no digging whatsoever
- Retroactive extension is conveniently possible at any time
- Year round use thanks to splash proof and strain relieved power outlets
- Ground stake guarantees secure anchoring in the ground





Main module

Remote control







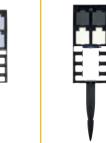


From InScenio FM-Master 1

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











			*	V	V	'
		InScenio Dimmer	InScenio 230	InScenio FM-Master 1	InScenio FM-Master 2	InScenio FM-Master 3
Dimensions (L x W x H)	mm	80 x 60 x 130		215 x 15	5 x 295	
Rated voltage				220 - 240 V / 50 Hz		
Max. total load power	W	300		360	00	
Max. total load current	А	1.3		16	0	
Guarantee *P.173	Years		2			
Power outlets, permanent		-	4 x 230 V	2 x 220 - 240 V	1 x 220	- 240 V
Power outlets On/Off max. 200	00 W	_		2 x 220 - 240 V	3 x 220 - 240 V	2 x 220 - 240 V
Power outlets, dimmable		1 x max. 30 - 300 W		-		1 x max. 40 - 320 W
Item no. (GB-Version)			Not availa	ble in GB		56473
Itom no		51160	55/133	5/072	36310	36311

*Max.1 pump connection 97







Tip

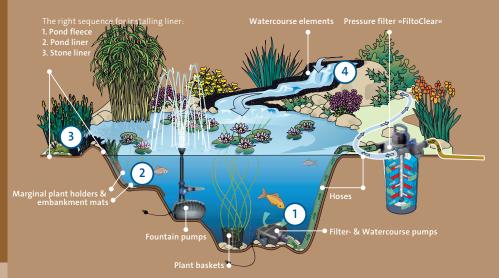
For further information visit:

www.oase.com/advisor

POND CONSTRUCTION & LANDSCAPING

Pond construction

- 100 Pond planning & implementation
- 102 Creating a garden pond
- 103 Fleece & liners
- 104 Preformed ponds PE
- 105 Preformed ponds Stonecor
- 106 Pond planting accessories
- 107 Water spouts & pond figures
- 108 Pond edge & flower bed enclosure / Accessories pond Helpers
- 109 Watercourse elements Modular
- 110 Waterfall/XL
- 111 Waterfall Kit
- 112 Decoration products
- 113 Water reservoirs



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

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

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

Important factors

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

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

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

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

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

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

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

PLANT TABLE

	Bank zone	•	•	•	•	•	•	•	•	•	•															T	T		Т								Т	Т											
1	10−12 cm				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•																					
2	20-25 cm										•							•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•														
3	35 cm																								•	•	•	•	•	•	•	•	•	•	•	•	•	•	•										
4	60-80 cm																																		•	•	•	•	•	•	•	•	•	•	•	•			
5	83-110 cm																																		•				•	•	•	•	•	•	•	•	•		
	Floating plants																																															•	•

with their pronounced deep zones – planting is easy with this table.









INSTALL IT YOURSELF

Easy step-by-step!





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



2. Tools

For installation, you require: Spade, shovel, filler sand, level, with water connection.



3. Marking

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



4. Deep zones

The different deep zones are also marked with sand incrementally.



5. Excavation

Generously dig out the specific zones of the garden pond.



6. First test

Then insert the preformed pond to see how it fits.



7. Fill-in

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



8. Levelling

The floor and the pool are levelled out in length and width. Then the pool is filled with water to approximately 1/3.



9. Backfilling

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



10. Filling and compensating

the preformed pond is adapted to the preformed pond with sand, soil, gravel, etc.



11. Edge area decor

In the final step, the area around Now you can start planting and designing the pond. Ensure that you completely fill the perimeter bank zone with gravel.



That's it!

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

EASY POND CONSTRUCTION

Step-by-step with products from OASE



1. Location

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



3. Deep zones & pond edge Form deep zones with filler sand. Then you can install the OASE pond



2. Pond contours

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



4. Determine the dimensions of liner and fleece

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



Calculation aid

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

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

Width + 2x depth (at the deepest point of the excavation) + 2x50 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 protection liner and root barrier. We recommend coordinating your planting ideas with your plant supplier beforehand.



5. Fleece

edge system.

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



9. Pond technology

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



6. Liner and stone liner

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



10. Gravel and water

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



7. Planting on level areas

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



11. Illumination

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



8. Planting on steep areas

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



12. That's it!

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

FLEECE & LINER

Liner types and areas of implementation

Choosing Pond Liner

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

They are available in different versions:

Pond liner

- OaseFol rubber liner is stretchy, robust, flexible and easy to work with. The eco-friendly EPDM sheeting is UV and ozone resistant. We provide a 20-year guarantee*P.173 on our OaseFol and EuroFol EPDM pond liner.
- **AlfaFol** is a single-ply PVC liner; it is available in two thicknesses and colours. It is characterised by an outstanding price / performance ratio; minor damage, e.g. from garden tools, can be quickly and easily repaired. We provide a 15-year guarantee^{* P.173} on our AlfaFol PVC pond liner.

Swim pond liners

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

Decorative liner

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

The pond fleece: The optimum protection for the pond liner

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

In the border areas or in particularly harsh ground, it is recommended that the fleece is used. OASE offers three different fabric thicknesses: 200 g/m^2 , 400 g/m^2 and 500 g/m^2 . The latter is for particularly high use pond liners, such as in swimming pools.



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



Protective pond fleece $200 \text{ g/m}^2/2 \times 5 \text{ m}$ Item no. 43334

Accessories

PVC-Liner repair kit

- High-performance underwater adhesive
- Fish and plant compatible

Item no. 50843

UniFix+ 290 ml cartridge

- High-performance universal adhesive
- Even bonds underwater

Item no. 57148

PVC liner adhesive

- High-performance universal adhesive for a wide variety of liners and substrates
- 250 ml can for 1 m² area
 1000 ml can for 4 m² area

Item no. 36861 (250 ml can) Item no. 36862 (1000 ml can)





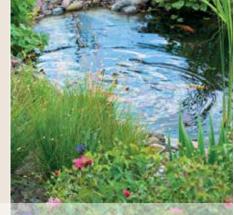
Wall and liner transition Tradux

- Connections, inlet: 19/25/32/38/50 mm, 34", 1", 14", 1½", 2"
- Cable cross section: 3.00-9.00 mm²
- Suitable for pond liner, PE pools, or GRP preformed ponds
- Safe and clean

Item no. 57154



PREFORMED PONDS PE















						1						
		Preformed pond PE 150	Preformed pond PE 250	Preformed pond PE 500	Preformed pond PE 750	Preformed pond PE 1000						
Dimensions (L x W x H)	m	1.20 x 0.80 x 0.45	1.35 x 0.92 x 0.54	1.78 x 1.26 x 0.56	2.10 x 1.40 x 0.60	2.40 x 1.40 x 0.62						
Net weight	kg	2.50	3.50	8.50	17.10	19.00						
Guarantee *P.173	Years		15									
Description		 Preformed plastic ponds for pond sizes up to 1 m³ Fast and easy planting because marginal zones and plant zones are already integrated in the preformed pond Easy installation of pumps 										
Item no. (GB-Version)				-								
Itom no		26700	26767	26769	26760	26770						









		~											
		Preformed pond PE 380 x 780 x 450 mm	Preformed pond PE 750 x 750 x 450 mm	Preformed pond PE 1150 x 750 x 450 mm	Preformed pond PE 1150 x 1550 x 450 mm								
Dimensions (L x W x H)	kg	0.78 x 0.38 x 0.45	0.75 x 0.75 x 0.45	1.15 x 0.75 x 0.45	1.15 x 1.55 x 0.45								
Net weight	kg	2.00	4.50	7.00	14.00								
Guarantee *P. 173	Years	15											
Volume in litres	1	80	180	280	600								
Description		High strength walls											
Item no. (GB-Version)			-										
Item no.		50758	50759	50760	50761								

PREFORMED PONDS STONECOR

Blends in so naturally



- Ultra strong material. Durable, abrasion resistant, impact resistant, as well as weather resistant; made of linear high pressure polyethylene LLD-PE
- Grained surface offers ideal conditions for settlement of pond biology
- Natural materials used in your garden
- Unique design based on the most beautiful lakes in the world
- High inherent stability
- Uniform density of material in the entire preformed pond
- Frost proof
- Environmentally friendly
- 100 % recyclable
- 15 year guarantee*P. 173

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









		Preformed pond Aral Sea sand	Preformed pond Aral Sea basalt	Preformed pond Lake Constance sand	Preformed pond Lake Constance basalt	Preformed pond Chiemsee sand	Preformed pond Chiemsee basalt	Preformed pond Titicaca sand	Preformed pond Titicaca basalt	
Dimensions (L x W x H)	m	2.28 x 1.8	31 x 0.86	2.80 x 1.7	0 x 0.95	2.76 x 2.	14 x 1.15	2.97 x 2.28 x 1.16		
Net weight	kg	68.	00	86.	00	115.	00	144.00		
Guarantee *P. 173	Years				1:	5				
Volume in litres	1	100	00	130	00	200	00	2500		
Colour		Sand	Basalt	Sand	Basalt	Sand	Basalt	Sand	Basalt	
Item no. (GB-Version)					-	-				
Item no.		36994	36995	36998	36999	37002	37003	36988	36989	





PLANT BASKETS

Rot resistant plant baskets made of robust plastic

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



PLANT BASKETS TEXTILE

Rot resistant plant baskets made of robust textile

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



POND FIGURES

Lifelike addition to the pond landscape

The heron model is an effective protection against raiding herons.

• Heron (L x W x H): 500 x 170 x 760 mm *Item no.: 36868*

• Duckling (L x W x H): 130 x 70 x 75 mm

Item no.: 36863

• Mallard duck drake (L x W x H): 400 x 150 x 170 mm

Item no.: 36864

• Mallard duck female (L x W x H): $400 \times 150 \times 170 \text{ mm}$

Item no.: 36865



Accessories



EMBANKMENT MATS

Coconut embankment mats

• On the roll

• Mesh width: 20 x 20 mm

• Dimensions (L x W): $20 \times 1 \, m$

Item no.: 53762



MARGINAL PLANT HOLDERS

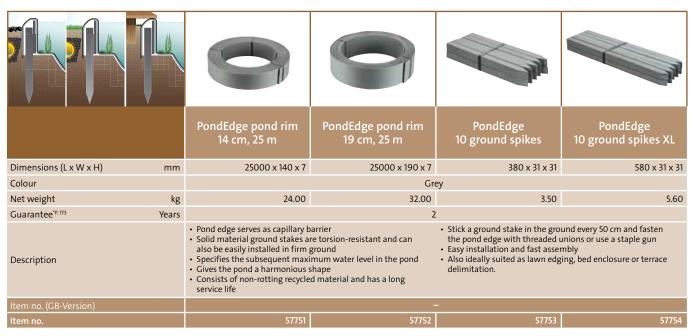
Marginal plant holders jute

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

Item no.: 36296

POND EDGE & FLOWER BED ENCLOSURE / ACCESSORIES POND HELPERS



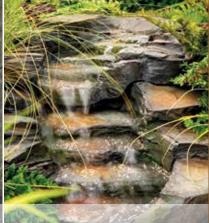




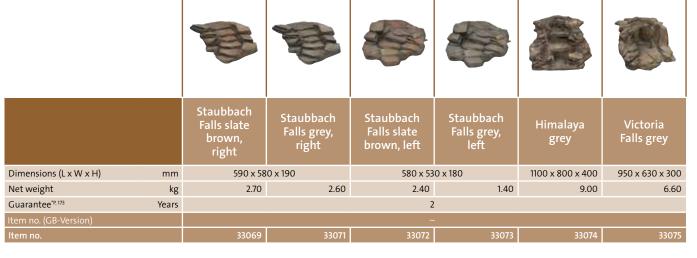
WATERCOURSE ELEMENTS - MODULAR STAUBBACH FALLS, HIMALAYA & VICTORIA FALLS

Near natural and variable





- Elements are fitted with 32 mm (1 ¼") thread, plug, and stepped hose adapter
- Natural look
- Quality handmade each item is individually coloured
- · Each element can be used as a spring
- Can be used modularly



WATERFALL / XL

Attractive waterfalls of stainless steel





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

Waterfall XL

 The 60 mm longer outflow is ideal for installation on walls

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

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

You will find the AquaMax Eco pumps starting on page 25

Tip!

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

		Waterfall								
		30	60	90	XL 30	XL 60	XL 90			
Dimensions (L x W x H)	mm	140 x 300 x 100	140 x 600 x 100	140 x 900 x 100	200 x 300 x 100	200 x 600 x 100	200 x 900 x 100			
Net weight	kg	1.60	2.60	6.00	1.90	3.40	4.80			
Guarantee *P. 173	Years			2						
Connection sunctions-side	mm (inch)	25 ([1")	32 (1 ¼")	25 (1")		32 (1 1/4")			
Item no. (GB-Version)		-								
Item no.		50704	50585	50706	70771	70772	70773			

Extras

Recommendation

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

Accessories

Waterfall Illumination 30*1 Item no. 51205 Waterfall Illumination 60*1 Item no. 51209 Waterfall Illumination 90*1 Item no. 51980

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





^{*}P. 173 Details on the type and scope of the guarantee

WATERFALL KIT

Waterfall kit in modern stainless steel design





START

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

		Waterfall Kit 30	Waterfall Kit 60		
Dimensions (L x W x H)	mm	145 x 305 x 600	145 x 605 x 600		
Net weight	kg	5.90	12.50		
Guarantee *P. 173	Years	2			
Connection sunctions-side	mm (inch)	25 ([1")		
Item no. (GB-Version)		-			
Item no.		70774	70775		

THIS IS HOW EASY IT IS:

Setup example of a Waterfall Kit 30



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



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



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



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

DECORATIVE ROCK COVERS

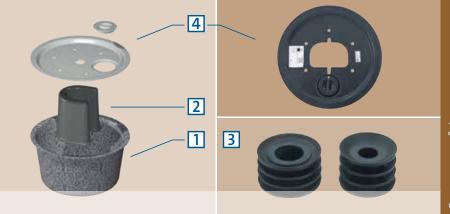
Splash guard in natural stone look



- Made of weather resistant, robust material
- Custom tailored for the OASE products FiltoMatic CWS, BioPress, FiltoClear, as well as InScenio FM-Master
- Natural sandstone look that can be integrated in the pond landscape
- Suitable for the sand coloured watercourse shells (page 109)

		FiltoMatic Cap CWS L	FiltoMatic Cap CWS XL	FiltoCap sand	InScenio Rock sand		
Dimensions (L x W x H)	mm	450 x 450 x 300	450 x 650 x 300	570 x 570 x 320	300 x 300 x 400		
Net weight	kg	4.60	5.26	4.16	2.30		
Guarantee *P. 173	'ears			2			
For covering		FiltoMatic 7000, FiltoMatic 14000	FiltoMatic 25000	FiltoClear 3000 - 30000 (all sizes) BioPress 4000 - 10000	AquaOxy 4800, InScenio		
Colour		Stone	-grey	Sand			
Item no. (GB-Version)				-			
Item no.		50268	50269	50420	50417		

WATER RESERVOIRS



4		Water reservoir cover				2			
		AWR-T 60	WR-T 80	WR-T 100	WR-T 125	Description			
Suitable for water reservoir		WR 60	WR 80	WR 100	WR 125	• GRP			
Service opening with cover		No		Yes		Load optimised composite of both pool components			
Load capacity	kg		30	00		 Centred openings for hose passage A groove has been incorporated for proper cable routing 			
Colour			Stone	e-grey		• 10 year guarantee' P. 173			
Item no. (GB-Version)			-	-		From WR-T 80: Service opening with cover			
Item no.		37115	37116	37117	37118				
3		Sealing sle	eve TT ½"	Sealing sle	eeve TT ¾"	Description			
Dimensions (Ø x H)	mm		40 x 38		45 x 39	Prevent escaping water from flowing back into			
Connection for hoses	mm		13		19	the bore of bubbling stones • Made of EDPM (rubber)			
Connection for hoses			1/2"	3/4"		Silicone sealing is not necessary			
For water column	m		6.00	9.00		Simply fitted over the hose			
Item no.		37122 37123							
2		S	upport eler	nent U-bas	e	Description			
Dimensions	mm			36	55 x 385 x 360	 GRP Open form for simple handling of pump, water distributors and hoses Can be used from WR 80 			
Load capacity	kg				700				
Item no. (GB-Version)			-	-					
Item no.					37234				
1			Water r	eservoir		Book to the			
		WR 60	WR 80	WR 100	WR 125	Description			
Dimensions (Ø x H)	mm	600 x 400	800 x 406	1000 x 406	1250 x 406	LLD-PE for bubbling stones and watercourses Manufactured in a state of the art rotation process and satisfy			
Volume in litres	1	66	137 210 340			the most rigorous requirements Weather resistant against heat and frost Resistant to roots			
Max. edge width	mm		8	0		Distribution of edge load and material tensions 10 year guarantee ^{79, 173}			
Item no.		37110	37111	37112	37113				









DRAINAGE

Guide

118 Drainage in the home and Garden

Clean Water Pumps

120 ProMax ClearDrain

Submersible Dirty Water Pumps

122 ProMax MudDrain

DRAINAGE IN THE HOME AND GARDEN

What does your water look like?

Turbid + contaminated

You need a submersible dirty water pump.

How strongly polluted is your water?

Define a grain size.





200 I bath tub

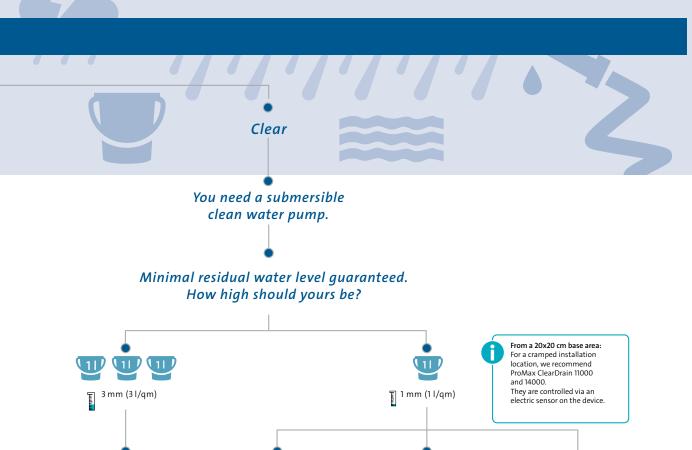
Empties a bathtub (200 I) in the specified time (seconds).



Delivery head
The max. water delivery
head of the pump in metres.

Float switch

The automated switch-on and switch-off of the pump is provided by a robust float.





Electronic sensor

PROMAX CLEARDRAIN clean water submersible pump



- Lateral 1¼" pressure port
- Automatic pump switch-on and switch-off through the float switch
- Pumps to a residual water level of 3 mm
- The pump design ensures that water flows around the motor, even at low water levels
- Incl. 90° bend and stepped adapter



		ProMax ClearDrain 6000
Flow rate – Q max.	l/h	6000
Power consumption	W	220
Power consumption	hp	0.3
Rated voltage		230 V / 50 Hz
Guarantee *P. 173	Years	2
Power cable length	m	7.00
Dimensions (L x W x H)	mm	178 x 237 x 337
Item no. (GB-Version)		Not available in GB
Item no.		47746

PROMAX CLEARDRAIN

submersible clean water pumps



- · High-quality and robust stainless steel housing
- Generously sized motors for reliable pump operation and effective heat distribution
- Ceramic casing protects the stainless steel shaft from groove formation preventing water in the motor
- Shallow-priming to a water level of 1 mm, thanks to a base adapter with bayonet fitting
- 1¼" pressure port on top
- · Adjustable handle
- Separate adjustment for shallow priming operation
- Flattened water sensor with large contact surface
- · Low-vibration and quiet
- Suitable for narrow shafts up to 20 x 20 cm, and highly stable at the same time



		ProMax ClearDrain 7000	ProMax ClearDrain 11000	ProMax ClearDrain 14000		
Flow rate – Q max.	l/h	7500	11500	14500		
Power consumption	W	375	650	950		
Rated voltage			230 V / 50 Hz			
Guarantee (+ request guarantee) 'P. 173	Years		2 + 1			
Automatic function		Float switch	Sen	sor		
Power cable length	m		7.00			
Dimensions (L x W x H)	mm	193 x 179 x 352	193 x 179 x 352 193 x 197 x 393			
Item no. (GB-Version)		42263	42264	42265		
Item no.		42260	42261	42262		

PROMAX MUDDRAIN dirty water pump



- · Ergonomic handle
- Automatic pump switch-on and switch-off through the float switch
- With a generously dimensioned intake opening for particles up to 25 mm in diameter
- Lateral 1¼" pressure port
- Incl. 90° bend and stepped adapter
- The pump design ensures that water flows around the motor, even at low water levels



		ProMax MudDrain 6000
Flow rate – Q max.	l/h	6000
Power consumption	W	250
Pressure – max.	bar	0.5
Rated voltage		230 V / 50 Hz
Guarantee (+ request guarantee) *P. 173	Years	2
Power cable length	m	7.00
Dimensions (L x W x H)	mm	178 x 237 x 363
Item no. (GB-Version)		Not available in GB
Item no.		47748

PROMAX MUDDRAIN submersible dirty water pumps



- Rear 1½" pressure port for ideal flow-through and minimal resistance
- Automatic pump switch-on and switch-off through the float switch
- Ceramic-coated stainless steel shaft
- Minimal start-up pulses thanks to pressure port positioned along the central axis
- · Adjustable handle
- · High-quality and robust stainless steel housing
- Incl. 90° bend and stepped adapter
- · Large motors



		ProMax MudDrain 7000	ProMax MudDrain 11000	ProMax MudDrain 14000			
Flow rate – Q max.	l/h	7500	11500	14500			
Power consumption	W	325	625	950			
Rated voltage			230 V / 50 Hz				
Guarantee (+ request guarantee) *P. 173	Years		2 + 1				
Automatic function			Float switch				
Power cable length	m	7.00					
Dimensions (L x W x H)	mm	193 x 247 x 395 193 x 247 x 422					
Item no. (GB-Version)		42271	42272	42273			
Item no.		42266	42267	42268			

PROMAX MUDDRAIN submersible dirty water pumps



- Optimal heat dissipation of the motor thanks to water cooling- ideal for a long pump life
- Easy clip function allowing different float positions
- Strong displacement
- Automatic pump switch-on and switch-off through the float switch
- Pumps debris particles up to 35 mm in diameter
- · Adjustable handle
- · High-quality and robust stainless steel housing
- Ceramic-coated stainless steel shaft
- Pressure duct is positioned tangentially, appropriate for the water flow
- · Robust stainless steel base



		ProMax MudDrain 20000
Flow rate – Q max.	l/h	20000
Power consumption	W	950
Pressure – max.	bar	1.0
Rated voltage		230 V / 50 Hz
Guarantee (+ request guarantee) *P. 173	Years	2+1
Power cable length	m	7.00
Dimensions (L x W x H)	mm	200 x 254 x 440
Item no. (GB-Version)		57769
Item no.		57766

PROMAX MUDDRAIN submersible dirty water pumps



- Pumps 30000 litres of water per hour
- Proven seal set with oil chamber
- Pumps debris particles up to 40 mm in diameter
- Robust stainless steel base
- Ergonomic handle with stainless steel reinforcement
- · High-quality and robust stainless steel housing
- · Large motors
- Perfectly suitable for use underwater
- 2" connection for optimal particle outflow



		ProMax MudDrain 25000	ProMax MudDrain 30000				
Flow rate – Q max.	l/h	25000	30000				
Power consumption	W	1200	1500				
Rated voltage		230 V /	′ 50 Hz				
Guarantee (+ request guarantee) *P. 173	Years	2 +	÷1				
Automatic function		Float s	witch				
Power cable length	m	7.0	00				
Dimensions (L x W x H)	mm	178 x 246 x 453					
Item no. (GB-Version)		57770	57771				
Item no.		57767	57768				

GUIDE - DRAINAGE

Draining with the pros

	Submersible clean water pumps				Submersible dirty water pumps				Submersible dirty water pumps	and construction pumps	
	ProMax ClearDrain 6000	ProMax ClearDrain 7000	ProMax ClearDrain 11000	ProMax ClearDrain 14000	ProMax MudDrain 6000	ProMax MudDrain 7000	ProMax MudDrain 11000	ProMax MudDrain 14000	ProMax MudDrain 20000	ProMax MudDrain 25000	ProMax MudDrain 30000
Pumping clean water out of pools and tanks	•	•	•	•	•	•	•	•	•	•	•
Draining clean water out of light shafts, basements, pools, ponds, pump sumps	•	•	•	•							
Pumping dirty water out of tanks and pools					•	•	•	•	•	•	•
Draining highly contaminated drain shafts, basements or ponds					•	•		•	•	•	•
Draining construction pits and flooded areas									•	•	•
Shallow-priming	•	•	•	•							
Residual water level [mm]	3	1	1	1	34*	28*	28*	28*	48*	48*	48*
Set-up on a minimum base surface, starting at 20 x 20 cm		•	•	•							
Minimum water level [mm] so that the pump displaces water (with vertical hose)		2 mm**	2 mm**	2 mm**							







IRRIGATION

Guide
•••••••••••••••••••••••••••••••••••••••

130 Garden irrigation

Garden Pumps

- 132 ProMax Garden Classic
- 133 ProMax Garden

Domestic Water Systems

134 ProMax Garden Automatic

Rain Barrel Pumps

- 135 ProMax Rain
- 136 ProMax Pressure Cistern

Automatic Submersible Pumps

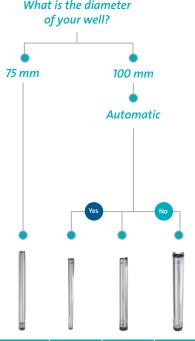
- 137 ProMax Pressure Well Automatic
- 138 ProMax Pressure Well
- 139 ProMax Pressure Automatic
- 140 Guide

GARDEN IRRIGATION



WATER WITHDRAWAL FROM A DEEP WELL





ProMax Pressure Well 3000/18	ProMax Pressure Well Automatic 3000/15	ProMax Pressure Well Automatic 6000/8	ProMax Pressure Well 6500/10
50 l/60 sec 3000 l/h	50 l/60 sec 3000 l/h	50 l/30 sec 6000 l/h	50 I/25 sec 6500 I/h
70 m	60 m	57 m	70 m
3	3	5	6





How large is your garden?



Up to 100 sq m Up to 200 sq m



ProMax	ProMax
Garden	Garden
Automa-	Automatic
tic 3500	4000
50 l/51 sec	50 l/45 sec
3500 l/h	4000 l/h
40 m	45 m

How large is your garden?

Underwater (soft)



Up to 200 sq m Over 200 sq m



ProMax	ProMax
Pressure	Pressure
Automatic	Automatic
5500/5	6000/8
50 l/33 sec	50 l/30 sec
5500 l/h	6000 l/h
35 m	57 m
· \\ //	. All/



Empties a rain barrel (50 I) in the specifi ed time (seconds).



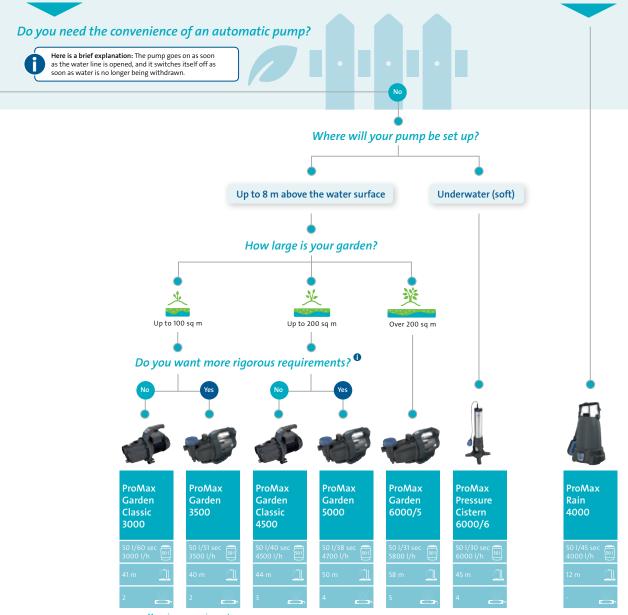
Delivery head The max. water delivery head of the pump in metre.



Sprinkler connection capacity
The max. number of sprinklers that can be supported via the pump.

WATER WITHDRAWAL FROM A CISTERN OR A WELL

WATER WITHDRAWAL FROM A RAIN BARREL



PROMAX GARDEN CLASSIC garden pumps



- In two capacity levels with 3000 and 4500 litres per hour
- Small & compact
- Chrome-plated metal screw for easy opening with tools (AF18) without danger of breaking, even if the thread has "seized"
- With an efficient injector the pump sucks water within the shortest time possible to a height of 8 m
- Ergonomic and extremely stable handle for comfortable carrying
- · With separate fill opening on top
- Thermal dry-run protection



		ProMax Garden Classic 3000	ProMax Garden Classic 4500
Flow rate – Q max.	l/h	3000	4500
Power consumption	W	600	900
Power consumption	hp	0.8	1.2
Rated voltage		230 V /	′ 50 Hz
Guarantee (+ request guarantee)*P. 173	Years	2 +	-1
Sprinkler connection capacity/ max. hose length per sprinkler "		1x / 50 m, 2x / 25 m	3x / 25 m, 3x / 50 m
Dimensions (L x W x H)	mm	354 x 180 x 251	364 x 180 x 251
Item no. (GB-Version)		43120	43121
Item no.		43118	43119

PROMAX GARDEN garden pumps



- In three capacity levels with a pressure of up to 5.8 bar
- Integrated pre-filter for effective removal of sand and particles
- Place a standard screwdriver in the slots and turn the filter cover
- · Quiet operation
- · Robust drain screw
- Brass inserts for female threaded elements enable easy connection to off-the-shelf threaded material
- Stainless steel motor cladding for improved heat dissipation
- 4x slots for threaded fittings in the base allow variable mounting, e.g. on an existing installation carriage
- Rubber feet integrated in the base of the housing



		ProMax Garden 3500	ProMax Garden 5000	ProMax Garden 6000/5
Flow rate – Q max.	l/h	3500	4700	5800
Power consumption	W	900	1200	1300
Rated voltage		230 V / 50 Hz		
Guarantee (+ request guarantee) P. 173	Years	2+1		
Automatic function		No		
Sprinkler connection capacity/ max. hose length per sprinkler "		2x / 25 m, 2x / 50 m	4x / 25 m, 4x / 50 m	5x / 25 m, 5x / 50 m
Dimensions (L x W x H)	mm	543 x 234 x 304 591 x 234 x 304		591 x 234 x 304
Item no. (GB-Version)		Not available in GB		
Item no.		43122	43123	43124

^{**} Basis on which data was determined: Water requirement at the sprinkler: 600 I/h, pressure requirement at the sprinkler: 2.0 bar, geodetic height differential, total: 5 m. Use of ¾" hoses (19 mm).

PROMAX GARDEN AUTOMATIC

domestic water systems



- Through automatic supply with well water or rain water with up to 5800 litres per hour and up to max. 5.8 bar pressure
- · Flow monitoring
- Stainless steel motor cladding for improved heat dissipation
- · Easy to open
- Integrated non-return valve for reliable standby operation and with practical valve opener for the trouble-free initial filling
- High-volume and flow-optimised hydraulic unit of fibre-glass reinforced plastic and optional 5-stage pump mechanism (6000/5)
- Rubber feet are integrated onto the supporting base



		ProMax Garden Automatic 3500	ProMax Garden Automatic 4000
Flow rate – Q max.	l/h	3500	4000
Power consumption	W	900	1100
Power consumption	hp	1.2	1.5
Rated voltage		230 V / 50 Hz	
Guarantee (+ request guarantee)*P. 173	Years	2+1	
Sprinkler connection capacity/ max. hose length per sprinkler "		2x / 25 m, 2x / 50 m	3x / 25 m, 3x / 50 m
Dimensions (L x W x H)	mm	543 x 234 x 304	
Item no. (GB-Version)		43129 43130	
Item no.		43125 43126	

PROMAX RAIN rain barrel pump



- · Ergonomic handle
- Pressure port on top with 1" male thread
- Automatic pump switch-on and switch-off through the float switch
- A fine filter screen prevents intake of debris, particles and clogging of lines and watering devices
- Easy suspension of the pump
- The pump design ensures that water flows around the motor, even at low water levels
- A protective element that prevents the hose from kinking is included in the scope of delivery; and it also offers a good possibility for fastening a ½" hose on the edge of the rain barrel.
- · Powerful pressure



		ProMax Rain 4000	
Flow rate – Q max.	l/h	4000	
Power consumption	W	370	
Rated voltage		230 V / 50 Hz	
Guarantee*P. 173	Years	2	
Automatic function		Float switch	
Pressure-side connection		1"	
Power cable length	m	10.00	
Dimensions (L x W x H)	mm	177 x 167 x 317	
Item no. (GB-Version)		47751	
Item no.		47750	

PROMAX PRESSURE CISTERN cistern pump



- Female thread 1" with metal insert for permanent connection with common connections
- 6-stage pump mechanism for low-noise installation in well water or cistern water
- If the water level is too low, the float switch protects the pump from dry running
- In conjunction with the automatic pressure switch ProMax Garden Automatic Switch (44538)
- · Integrated backflow preventer
- · stainless steel housing
- Due to the practical foot the pump is raised and less dirt particles are sucked in from the tank bottom
- Pre-filter made of stainless steel and an elevated base protect against contamination



		ProMax Pressure Cistern 6000/6
Flow rate – Q max.	l/h	6000
Power consumption	W	950
Power consumption	hp	1.3
Rated voltage		220 - 240 V / 50 Hz
Guarantee ^{•P. 173}	Years	2
Sprinkler connection capacity/ max. hose length per sprinkler "		4x / 25 m, 4x / 50 m
Dimensions (L x W x H)	mm	98 x 98 x 668
Item no.		57775

PROMAX PRESSURE WELL AUTOMATIC

automatic deep-well pump



- From your own well at up to 6000 litres per hour and a maximum of 6.0 bar
- For more information on how the automatic system works, please refer to the advisory pages
- Fits perfectly in wells with a diameter of 10 cm
- M8-stage pump mechanism for low-noise installation in well water
- Equipped with dry-run protection
- The pump can pump water with a sand concentration of max. 50 g sand per m³ water
- 1" female thread with metal insert for permanent connection with common connections
- Integrated non-return valve
- · Stainless steel housing



		3"	4"
		ProMax Pressure Well Automatic 3000/15	ProMax Pressure Well Automatic 6000/8
Flow rate – Q max.	l/h	3000	6000
Power consumption	W	750	1100
Rated voltage		230 V / 50 Hz	
Guarantee ^{•P. 173}	Years	2	
Automatic function		Ye	es
Sprinkler connection capacity/ max. hose length per sprinkler "		2x / 50 m, 3x / 25 m	5x / 25 m, 5x / 50 m
Dimensions (L x W x H)	mm	74 x 74 x 1085	98 x 98 x 814
Item no.		73362	43134

^{**} Basis on which data was determined: Water requirement at the sprinkler: 600 l/h, pressure requirement at the sprinkler: 2.0 bar, geodetic height differential, total: 5 m. Use of ¾" hoses (19 mm).

ProMax Pressure Well deep-well pump



- Integrated back-flow stop
- Fits perfectly in wells with a diameter of 75 mm or more
- Multi-stage pump mechanism for low-noise installation in well water
- The pump can pump water with a sand concentration of max. 150 g sand per m³ water
- Female thread 1" with metal insert for permanent connection with common connections
- 70 m pressure head guarantees outstanding irrigation performance
- In conjunction with the ProMax Garden Automatic Switch (44538)
- · Stainless steel housing
- Pre-filter made of stainless steel and an elevated base, protect against contamination





		3"	
		ProMax Pressure Well 3000/18	ProMax Pressure Well 6500/10
Flow rate – Q max.	l/h	3000	6500
Power consumption	W	900	1400
Power consumption	hp	1.2	1.9
Rated voltage		220 -240	V / 50 Hz
Guarantee ^{*P. 173}	Years	2	2
Sprinkler connection capacity/ max. hose length per sprinkler "		3x / 25 m, 3x / 50 m	6x / 25 m, 6x / 50 m
Dimensions (L x W x H)	mm	74 x 74 x 1085	98 x 98 x 778
Item no.		70896	57773

PROMAX PRESSURE AUTOMATIC submersible pressure pumps



- From your own well, shaft or cistern at 6000 litres per hour and maximum 5.7 bar, or with 5500 litres per hours and maximum 3.5 bar
- For more information regarding the operation of the automatic control see the Guide pages
- Equipped with dry-run protection
- 8-stage or 5-stage pump mechanism for low-noise installation in well water or cistern water
- The pump can convey water with a sand concentration of max. 50 g sand per m³ water
- · Stainless steel housing
- Base for different setup variants
- Pre-filter made of stainless steel and an elevated base protect against contamination



		ProMax Pressure Automatic 5500/5	ProMax Pressure Automatic 6000/8
Flow rate – Q max.	l/h	5500	6000
Power consumption	W	800	1100
Rated voltage		220 - 240 V / 50 Hz	230 V / 50 Hz
Guarantee ^{*P. 173}	Years	2	
Automatic function		Ye	S
Sprinkler connection capacity/ max. hose length per sprinkler "		2x / 25 m, 2x / 50 m	5x / 25 m, 5x / 50 m
Dimensions (L x W x H)	mm	98 x 98 x 763	98 x 98 x 871
Item no.		57774	43133

^{**} Basis on which data was determined: Water requirement at the sprinkler: 600 I/h, pressure requirement at the sprinkler: 2.0 bar, geodetic height differential, total: 5 m. Use of ¾" hoses (19 mm).

GUIDE - IRRIGATION

Irrigate with the pros

	Garden pumps ProMax Garden					Domestic water systems ProMax Garden Automatic		Rain barrel pumps ProMax Rain	Cistern pumps ProMax Pressure Cistern	ProMax Pressure Cistern Deep-well pumps ProMax Pressure Well					Submersible pumps ProMax Pressure Automatic	
	Classic 3000	Classic 4500	3500	2000	9/0009	3500	4000	4000	9/0009	Well Automatic 3000/15	Well Automatic 6000/8	Well 3000/18	Well 6500/10	Automatic 5500/5	Automatic 6000/8	
Pumping of clean ground water or cistern water with a lot of pressure	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Garden irrigation	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Automatic water supply for house, yard and garden						•	•			•	•			•	•	
Increasing pressure						•	•			•	•			•		
Pumping water from great depths starting at a well diameter of 75 mm												•				
Pumping water from great depths starting at a well diameter of 100 mm									•		•		•	•	•	
Pumping out, displacing or transferring clean	•	•	•	•	•	•	•	•								
Supply of up to X sprinklers*	2x/25 m 1x/50 m	3x/25 m 3x/50 m	2x/25 m 2x/50 m	4x/25 m 4x/50 m	5x/25 m 5x/50 m	2x/25 m 2x/50 m	3x/25 m 3x/50 m		4x/25 m 4x/50 m	3x/25 m 3x/50 m	5x/25 m 5x/50 m	3x/25 m 3x/50 m	6x/25 m 6x/50 m	2x/25 m 2x/50 m	5x/25 m 5x/50 m	

*Assumption: Geodetic height differential, total: 5 m; hose ½» 25 m / 50 m per sprinkler; sprinkler water requirement 600 l/h; sprinkler pressure requirement 2.0 bar





Accessories

- 144 Electronic pump control
- 145 Water filters & accessories
- 146 WaterTank
- 147 Pressure switch
- 148 ProMax Floating withdrawal
- 149 Step-by-step
- 150 C-couplings
- 152 Hose fittings
- 153 Quick-release couplings
- 156 Valves
- 157 Showers & sprinklers
- 158 Click couplings
- 160 Sealing materials
- 161 Hose clamps
- 161 Hoses
- 163 Brass Fittings
- 166 Technical data

ELECTRONIC PUMP CONTROL



- Enables easy automation of garden pumps with more than 1.5 bar
- Suitable for all garden pumps of the ProMax Garden Classic and ProMax Garden series
- 2 LEDs and a button for easy operation of the control system
- 1" thread enables easy installation
- Integrated manometer enables easy control of the operating status
- Integrated dry-run protection
- 1" double nipple included in the scope of delivery



Item no.	Name
44538	ProMax Garden Automatic Switch

WATER FILTERS & ACCESSORIES



- Stable brass vent screw
- High-quality 1" brass female thread
- With 250 micron filter insert, optionally also available with 80 micron filter insert
- Suitable for up to 8 bar operating pressure
- Max. flow rate 7000 l/h
- Filter housing of impact resistant plastic

Item no.	Name	
44529	Water filter small 1"	
44530	Water filter large 1"	
44531	Filter element small single use, 80 mic.	
44532	Filter element large single use, 80 mic.	
44533	Filter element small washable, 250 mic.	
44534	Filter element large washable, 250 mic.	



WATERTANK



- Star-shaped hole pattern to facilitate mounting of different pump types
- Stainless steel connection flange1" male thread of stainless steel
- Durable membrane of EPDM
- Easily accessible valve for checking the pre-charge pressure of 1.5 bar
- Secure connection with the substrate thanks to the 4 mounting holes



Item no.	Name	
44539	WaterTank 22	
44540	WaterTank 50 l	

PRESSURE SWITCH



- Enables set-up of individual domestic waterworks. The following are required: WaterTank, PressureKit, reinforced hose and garden pump
- Including sealing material and connection ports for mounting the pressure kit on the pump.
- Pump switch-on / switch-off pressure can be adjusted individually by a specialist
- Suitable for all garden pumps of the ProMax Garden Classic and ProMax Garden series
- With distributor piece for connection of the reinforced hose
- Integrated manometer enables easy control of the operating status
- Use the mounting piece with adjustment flange for perfect alignment of the pressure switch on the pump

Item no.	Name	
45304	Pressure hose 65 cm	
45482	Pressure hose 80 cm	
	 Flexible, stainless steel connection hose Optimal for the connection between pump and pressure vessel Recommendation: Reinforced hose 65 cm for ProMax Garden Classic and reinforced hose 80 cm for ProMax Garden One end straight (1" male thread) One end at a 90° angle and coupler (1" female thread) with 2 flat gaskets 	
44542	Hose-kit WaterTank with pressure switch	



PROMAX FLOATING WITHDRAWAL



- Generously dimensioned float ball ensures that water is withdrawn near the surface
- Integrated pre-filter on the non-return valve prevents debris particles from getting into the pipe system
- Prevents intake of debris and silt from wells or cisterns
- Flexible spiral hose sinks down and ensures safe water inflow
- Can be retrofitted on all ProMax Pressure models



Item no.	Name	
57772	ProMax Floating intake	

STEP-BY-STEP

ProMax floating withdrawal





C-COUPLINGS



Item no.	Name
44465	C-connector with hose tail 38 mm
44466	C-connector with hose tail 52 mm

- · Material: Aluminium
- Seal: NBR
- Lug spacing: 66 mm
- Bayonet closure enables convenient opening and closing of the couplings
- Ideal connections for pumping large amounts of water with a drainage pump



	Item no.	Name	
	44467	C-connector with male thread 1½"	
44468 C-connector with male thread 2"		C-connector with male thread 2"	

- · Material: Aluminium
- Seal: NBR
- Lug spacing: 66 mm
- · Bayonet closure enables convenient opening and closing of the couplings
- Ideal connections for pumping large amounts of water with a drainage pump



	Item no.	Name	
	44469	C-connector with female thread 1½"	
44470 C-connector with female thread 2"		C-connector with female thread 2"	

- · Material: Aluminium
- Seal: NBR
- Lug spacing: 66 mm
- Bayonet closure enables convenient opening and closing of the couplings
- · Ideal connections for pumping large amounts of water with a drainage pump

Item no.	Name
44471	Transition piece C-connect. quick coupl.
 Material: Aluminium / brass Seal: NBR Lug spacing – C-coupling: 66 mm Cam width – quick-rounling: 40 mm 	



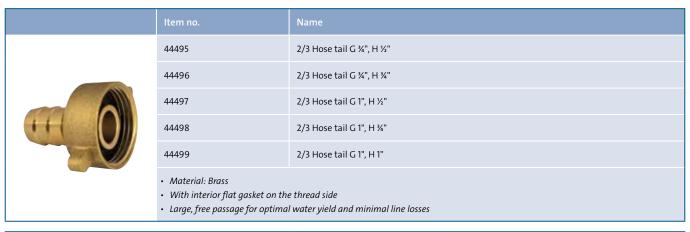
 \bullet Bayonet closure enables convenient opening and closing of the couplings

Transition piece from C-coupling to quick-coupling

Item no.	Name
44472	C-connector sealing
 Material: NBR Suitable for C-couplings with a 	n lug spacing of 66 mm

Item no.	Name
44473	ABC-key
 Material: Steel Universal implementation spa 	nner for easier disconnecting and connecting of A, B and C-couplings

HOSE FITTINGS



Item no.	Name
44500	Hose tail with o-ring G ¼", H ¼"
44501	Hose tail with o-ring G 1", H 1"
44502	Hose tail with o-ring G1½", H1½"
 Material: Brass, hot pressed Seal: NBR Large, free passage for optima 	l water yield and minimal line losses

QUICK-RELEASE COUPLINGS

Item no.	Name
44475	Quick coupler with female thread ½"
44476	Quick coupler with female thread ¾"
44477	Quick coupler with female thread 1"
44478	Quick coupler with female thread 1 ¼"
44479	Quick coupler with female thread 1½"
 Material: Brass Cam width: 40 mm Practical coupling for drainage & irrigation for house and garden Bayonet closure enables convenient opening and closing of the couplings Seal: NBR Large, free passage for optimal water yield and minimal line losses 	

	Item no.	Name
	44480	Quick coupler with male thread ½"
	44481	Quick coupler with male thread ¾"
	44482	Quick coupler with male thread 1"
	44483	Quick coupler with male thread 1 ¼"
1 20	44484	Quick coupler with male thread 1½"
	 Material: Brass Cam width: 40 mm Practical coupling for drainage & irrigation for house and garden Bayonet closure enables convenient opening and closing of the couplings Seal: NBR Large, free passage for optimal water yield and minimal line losses 	

QUICK-RELEASE COUPLINGS

	Item no.	Name
	44485	Quick coupler with hose tail ½"
	44486	Quick coupler with hose tail ¾"
	44487	Quick coupler with hose tail 1"
	44488	Quick coupler with hose tail 1 ¼"
14444	44489	Quick coupler with hose tail 1½"
	Bayonet closure enables conveSeal: NBR	e & irrigation for house and garden nient opening and closing of the couplings I water yield and minimal line losses

Item no.	Name
44490	Quick coupler Y-distributor
Bayonet closure enables conveSeal: NBRIdeal for distributing water in a	& irrigation for house and garden nient opening and closing of the couplings the garden I water yield and minimal line losses

	Item no.	Name
	44491	Quick coupler blind coupler
	 Material: Brass Cam width: 40 mm	



- Practical coupling for drainage & irrigation for house and garden
- Bayonet closure enables convenient opening and closing of the couplings
- Seal: NBR

• Seal: NBR

Item no.	Name
44541	Quick coupler to click coupler
 Material: Brass Cam width: 40 mm Practical coupling for drainage & irrigation for house and garden Bayonet closure enables convenient opening and closing of the couplings Seal: NBR Transition piece from quick coupler to click coupler Large, free passage for optimal water yield and minimal line losses 	



Item no.	Name
44492	Quick coupler seal
• Seal: NBR	

• Suitable for quick-couplings with a cam width of 40 mm

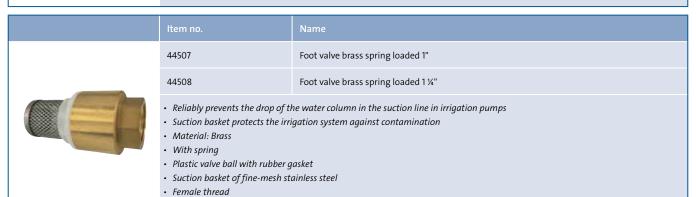
	Item no.	Name
	44493	Suction and high pressure coupler 1"
	44494	Suction and high pressure coupler 1 ½"
	 Suction and high-pressure coupling for suction lines of irrigation pumps The lock nut safeguards against self-loosening, therefore will stay absolutely watertight long-term Bayonet closure enables convenient opening and closing of the couplings Material: Brass Cam width: 40 mm 	

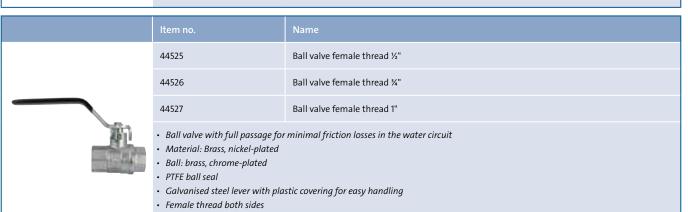
VALVES



Item no.	Name	
44504	Non return valve spring loaded 1"	
44505	Non return valve spring loaded 1 ¼"	
44506	Non return valve spring loaded 1 ½"	

- · Material: Brass
- With spring
- Plastic valve ball with rubber gasket
- · Female thread both sides
- Suitable for horizontal, as well as vertical installation

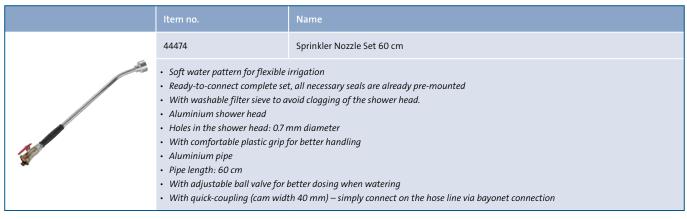




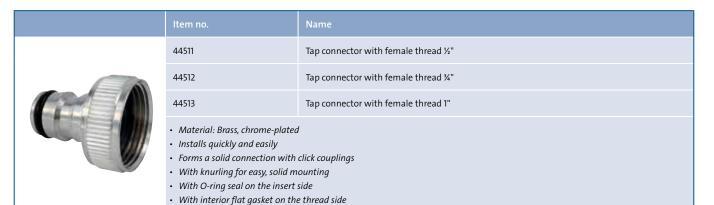
SHOWERS & SPRINKLERS

Item no.	Name
44509	Spray pistol 6-way female thread ¾"
 Material: Light alloy Solid design Plastic-coated Comfortable handling Connection thread: FT ¼" with With mounted brass plug-in co Adjustable 6 settings Lockable Jet types: Normal jet, shower j 	

Item no.	Name
44510	Spray pistol female thread ¾"
 Material: Light alloy Solid design Plastic-coated Comfortable handling Connection thread: FT ¾" with With mounted brass plug-in co Variable adjustment from spro Lockable 	pupling



CLICK COUPLINGS



Item no.	Name
44514	Tap connector with male thread ½"
 44515	Tap connector with male thread ¾"
 Material: Brass, chrome-plated Installs quickly and easily Forms a solid connection with click couplings With knurling for easy, solid mounting With O-ring seal on the insert side 	

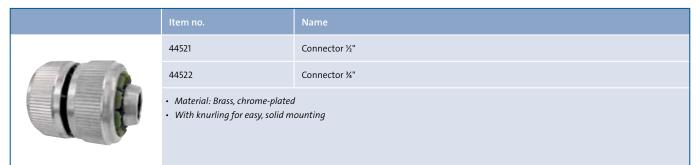
	Item no.	Name
	44516	Click coupler ½"
	44517	Click coupler ¾"
	 Material: Brass, chrome-plated With 3 stainless balls for a particularly secure connection to the tap connection With knurling for easy, solid mounting 	

Item no.	Name
44518	Click coupler with water stop ½"
44519	Click coupler with water stop ¾"

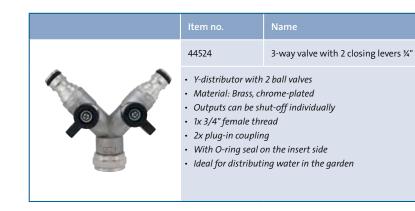


- Material: Brass, chrome-plated
- With water stop for more operational reliability no getting wet unless you want to get wet
- With 3 stainless balls for a particularly secure connection to the tap connection
- With knurling for easy, solid mounting

Item no.	Name
44520	2-way coupler
 Material: Brass, chrome-plated With O-ring seal on the insert 	d side



Item no.	Name
44523	3-way coupler
 Material: Brass, chrome-plated With O-ring seal on the insert Ideal for distributing water in 	side



SEALING MATERIALS

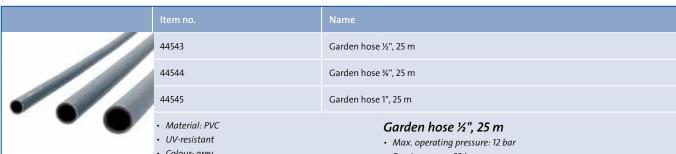
Item no.	Name
44528	Teflon sealing tape 0.075 mm x 12 mm
 Width: 12 mm Thickness: 0.075 n Length: 10 m wou Material: PTFE 	

HOSE CLAMPS

Item no.	Name
51206	Stainless steel hose clamp ½"-¾"
51207	Stainless steel hose clamp %"-1"
51208	Stainless steel hose clamp 1 ¼"-1 ½"
55690	Stainless steel hose clamp 1 ½"-2"
Bound in pairs	

Hoses

Item no.	Name
44503	Suction line kit w. quick coupler 1", 7m
 For optimal suction – high-pre With foot valve With suction coupling & high- Already pre-mounted 1" spiral hose 7 m hose length 	ssure coupling with adjustment flange pressure coupling



- Colour: grey
- Special fabric insert reduces twisting of the hose
- Free of phthalates and heavy-metal
- Smooth, flow optimised inner wall design
- Guarantee: 12 years

- Burst pressure: 32 bar
- Inner diameter: 12.5 mm

Garden hose ¾", 25 m

- Max. operating pressure: 12 bar
- Burst pressure: 32 bar
- Inner diameter: 19 mm

Garden hose 1", 25 m

- Max. operating pressure: 8 bar
- · Burst pressure: 25 bar
- Inner diameter: 25 mm

Item no.	Name
44546	PVC flat hose 1", 25 m
44547	PVC flat hose 1 ½", 25 m
 44548	PVC flat hose 2", 25 m
 Discharge hose Rolls up flat Smooth inside and out With polyester insert Inner diameter: 25 mm 	

	Item no.	Name
	40302	Premium rollable hose-rubberised C-52-10
O	 High-quality and robust drain Rubberised inside and out 10 m length With pre-mounted C-coupling 	

BRASS FITTINGS

Item no.	Name
44549	Double nipple ¾"
44550	Double nipple 1"
44551	Double nipple 1 ¼"
44552	Double nipple 1 ½"
 Male thread both sides Thread in accordance with DIN Material: Brass, hot pressed High-quality and robust 	I EN ISO 228-1



· High-quality and robust

High-quality and robust

Item no.	Name
44553	Reducing nipple ¾" x ½"
44554	Reducing nipple 1" x ¾"
 Male thread both sides Thread in accordance with DIN Material: Brass, hot pressed 	EN ISO 228-1

	Item no.	Name
	44555	Reducing bush ¾" x ½"
	44556	Reducing bush 1" x ½"
del >	44557	Reducing bush 1 ¼" x 1"
	44558	Reducing bush 1½" x 1½"
	 Male thread x female thread Thread in accordance with DIN EN ISO 228-1 Material: Brass, hot pressed 	



tem no.	Nam

44559 Reducing socket ¾" x 1"

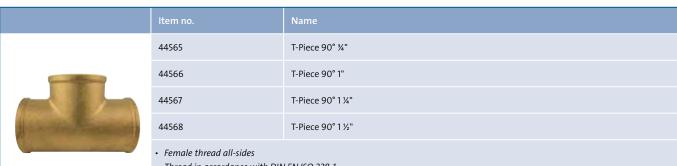
- Female thread both sides
- Thread in accordance with DIN EN ISO 228-1
- Material: Brass, hot pressed
- · High-quality and robust



Item no.	Name					
44560	Socket ¾"					
44561	Socket 1"					
44562	Socket 1 ¼"					
44563	Socket 1 ½"					
 Female thread Thread in accordance with DIN EN ISO 228-1 Material: Brass, hot pressed High-quality and robust 						

T.	
١	

Item no.	Name				
44564	Socket nipple 1" x ¾"				
Female thread x male thread Female thread flat-sealing Contains					
 Seal: NBR Thread in accordance with DIN EN ISO 228-1 Material: Brass, hot pressed High-quality and robust 					



- Thread in accordance with DIN EN ISO 228-1
- Material: Brass, hot pressed
- High-quality and robust

	Item no.	Name
	44569	Elbow 90° ¼"
	44570	Elbow 90° 1"
And and	44571	Elbow 90° 11⁄4"
	44572	Elbow 90° 11⁄2"
	 Female thread both sides Thread in accordance with DIN Material: Brass, hot pressed High-quality and robust 	I EN ISO 228-1

Item no.	Name
44573	Rain barrel bushing 1"
 Rain barrel threaded fitting ¾ Suitable for all bins/barrels/co Seal: NBR Nut: Female thread 1" Material: Brass High-quality and robust 	female thread x 1" male thread ntainers with wall thickness up to 14 mm

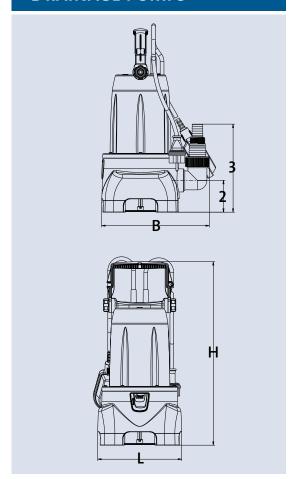
TECHNICAL DATA

Dimensions and noise levels

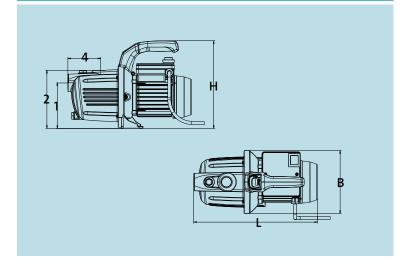
ProMax	Item no.	Item no. (GB- Version)	Page	Length mm (L)	Width mm (B)	Height mm (W)	Height Intake opening mm (1)	Outlet height mm (2)	Outlet height mm (3)	Distance between pressure line and suction line in mm (4)	Measured sound power level (dB) A	Guaranteed sound power level (dB) A	Measure- ment uncer- tainty (dB) A
ClearDrain 6000	47746	Not available in GB	120	178	237	337	-	35	159	-	-	-	-
ClearDrain 7000	42260	42263	121	193	179	352	-	263	368	-	÷	-	-
ClearDrain 11000	42261	42264	121	193	197	393	-	304	409	-	-	-	-
ClearDrain 14000	42262	42265	121	193	197	393	-	304	409	-	-	-	-
MudDrain 6000	47748	Not available in GB	122	178	237	363	-	61	185	-	-	-	-
MudDrain 7000	42266	42271	123	193	247	395	-	73	203	-	-	-	-
MudDrain 11000	42267	42272	123	193	247	422	-	73	203	-	÷	-	-
MudDrain 14000	42268	42273	123	193	247	422	-	73	203	-	-	-	-
MudDrain 20000	57766	57769	124	200	254	440	-	84	211	-	-	-	-
MudDrain 25000	57767	57770	125	178	246	453	-	159	228	-	-	-	-
MudDrain 30000	57768	57771	125	178	246	453	-	159	228	-	-	-	-

ProMax	ltem no.	Item no. (GB- Version)	Page	Length mm (L)	Width mm (B)	Height mm (W)	Height Intake opening mm (1)	Outlet height mm (2)	Outlet height mm (3)	Distance between pressure line and suction line in mm (4)	Measured sound power level (dB) A	Guaranteed sound power level (dB) A	Measure- ment uncer- tainty (dB) A
Garden Classic 3000	43118	43120	132	354	180	251	130	166	-	93	75	78	3
Garden Classic 4500	43119	43121	132	364	180	251	130	166	-	93	78	80	2
Garden 3500	43122	Not available in GB	133	543	234	304	207	284	-	183	75	78	3
Garden 5000	43123	Not available in GB	133	543	234	304	207	284	-	183	75	78	3
Garden 6000/5	43124	Not available in GB	133	591	234	304	207	284	-	232	75	78	3
Garden Automatic 3500	43125	43129	134	543	234	304	207	284	-	183	75	78	3
Garden Automatic 4000	43126	43130	134	543	234	304	207	284	-	183	75	78	3
Rain 4000	47750	47751	135	177	167	317	-	255	-	-	-	-	-
Pressure Cistern 6000/6	57775	-	136	98	98	668	-	653	-	-	-	-	-
Pressure Well Automatic 3000/15	73362	-	137	74	74	1085	-	1069	-	-	-	-	-
Pressure Well Automatic 6000/8	43134	Not available in GB	137	98	98	814	-	797	-	-	-	-	-
Pressure Well 3000/18	70896	-	138	74	74	1085	-	1069	-	-	-	-	-
Pressure Well 6500/10	57773	-	138	98	98	778	-	762	-	-	-	-	-
Pressure Automatic 5500/5	57774	-	139	98	98	763	-	746	-	-	-	-	-
Pressure Automatic 6000/8	43133	43135	139	98	98	871	-	854	-	-	-	-	-

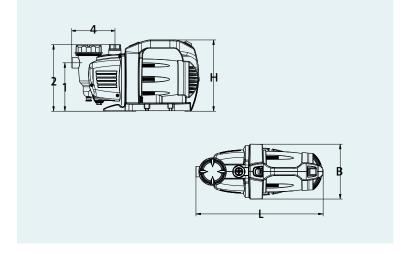
DRAINAGE PUMPS



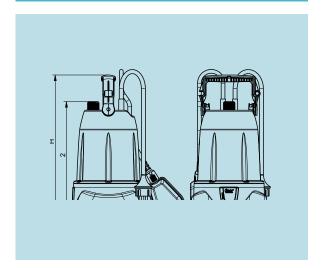
GARDEN PUMPS



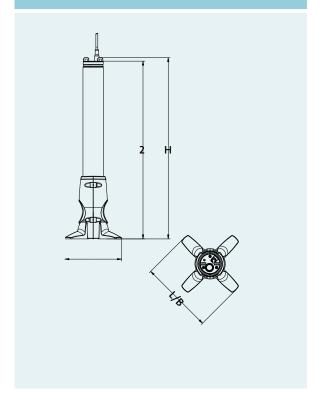
Domestic water systems



RAIN BARREL PUMPS



SUBMERSIBLE PUMPS









For further information visit:

www.oase.com/advisor



Additional information

- 171 Watercourse diagrams
- 172 OASE energy efficiency classes
- 173 OASE Guarantee
- 174 Friction losses

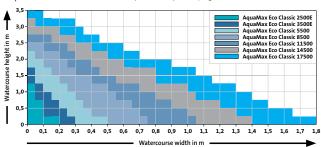


WATERCOURSE DIAGRAMS

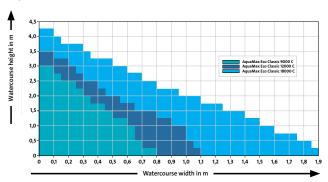
Easy, if you know how: Which pump is right for your watercourse?

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

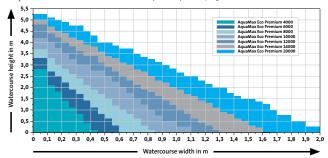
AquaMax Eco Classic (START) See page 25



AquaMax Eco Classic Controllable (START) See page 27



AquaMax Eco Premium (PRO) See page 28

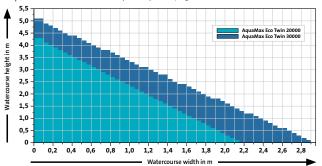


a 1½" hose are considered (with a pressure loss of approx. 0.15 head height).

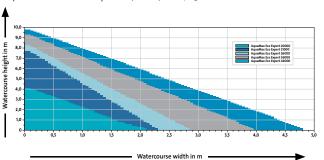
Here is a rule of thumb for determining the right pump for a watercourse:

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

AquaMax Eco Twin (PRO) See page 29



AquaMax Eco Expert (PRO) See page 30

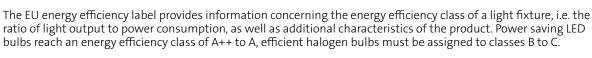




Information on the energy efficiency classes of OASE spotlights



ENERGY EFFICIENCY CLASSES



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	Catalo- gue 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	The light fixture is sold with a bulb of energy class	Weighted energy consumption per light fixture
50214	Water Starlet	16	A	Х	X			2
50240	Water Trio	16	A ⁺	Х	X			1
50187	Water Quintet	16	A	Χ	X			2
50191	WaterJet Lightning	17	A	Х	X			3
50729	LunAqua Terra LED Set 6	90	A**	Χ	X			1
50114	LunaLed 6s	90	A	Х	X			1
50115	LunaLed 9s	90	A	Χ	X			1
50527	LunAqua Classic LED Set 1	91	A**	Х		A++ to A	A++	2
50530	LunAqua Classic LED Set 3	91	A**	Х		A++ to A	A++	2
57034	LunAqua 3 LED Set 1	91	A ⁺	Х		A++ to C	A+	4
57035	LunAqua 3 LED Set 3	91	A ⁺	Х		A++ to C	A+	4
50512	LunAqua Mini LED	92	A**	Х	X			2
50513	LunAqua Mini LED warm	92	A**	Χ	X			2
50508	LunAqua Maxi LED Set 3	92	A**	Х	X			3
50509	LunAqua Maxi LED Solo	92	A**	Х	X			3
42633	LunAqua Power LED Set 1	93	A**	Х		A++ to A	A++	7
42634	LunAqua Power LED Set 3	93	A**	Χ		A++ to A	A++	7
42635	LunAqua Power LED W	93	A**	Х		A++ to A	A++	7
42638	ProfiLux Garden LED RGB	93	A	Χ	X			7
51968	LunAqua Power LED XL 3000 Narrow Spot	94	A ⁺	Х	X			17
57763	LunAqua Power LED XL Spot 3000	94	A ⁺	Х	X			17
57762	LunAqua Power LED XL 3000 Flood	94	A ⁺	Х	X			17
57764	LunAqua Power LED XL 3000 Wide Flood	94	A ⁺	Х	X			17
51971	LunAqua Power LED XL 4000 Spot	94	A ⁺	Χ	X			17
51969	LunAqua Power LED XL 4000 Flood	94	A ⁺	Х	X			17
51978	LunAqua Power LED XL 4000 Wide Flood	94	A ⁺	Х	X			17
51205	Waterfall Illumination 30	110	В	Х	X			4
51209	Waterfall Illumination 60	110	В	Х	X			7
51980	Waterfall Illumination 90	110	В	Х	X			11



WARRANTIES

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

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



or



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



or



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

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



FRICTION LOSS IN PIPELINES AND HOSE LINES

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

Flow rate (litre/min.)	Clear widths (mm/inch)	Pressure loss per running metre (m/water column)				
15	13 mm – ½"	0.34 mWS				
30	13 mm – 72	1.20 mWS				
30	19 mm – ¾"	0.12 mWS				
50	19 111111 — 74	0.32 mWS				
50		0.08 mWS				
75	25 mm – 1"	0.19 mWS				
100		0.34 mWS				
100	32 mm – 1¼"	0.11 mWS				
150	J2 111111 - 1/4	0.21 mWS				
100		0.03 mWS				
150	38 mm – 1½"	0.07 mWS				
200	J6 111111 — 1/2	0.12 mWS				
250		0.15 mWS				
200		0.04 mWS				
250		0.06 mWS				
300	50 mm – 2"	0.08 mWS				
350	JO 111111 – Z	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

 \emptyset = 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.com

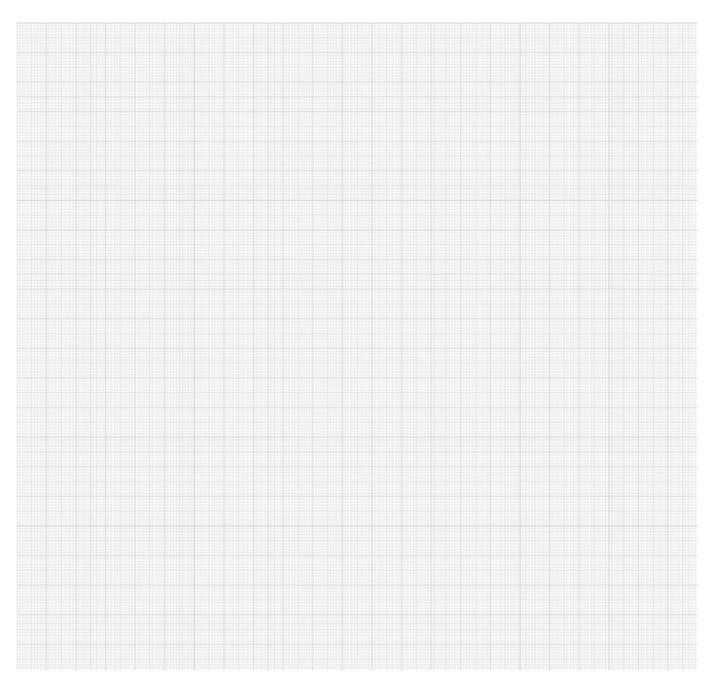
Note: Electrical connection points must be at least 2 m from the edge of the pond; they must be dry and secured with a max. 30 mA residual current protection circuit.

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

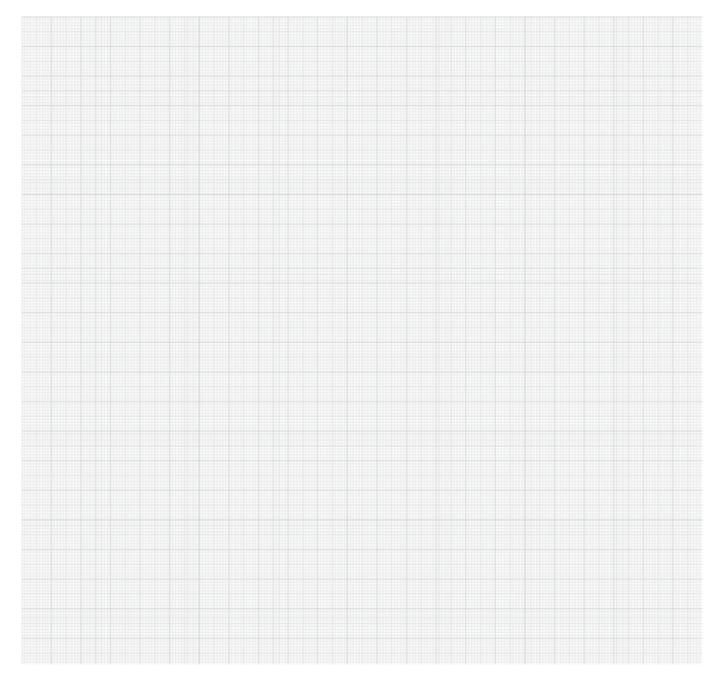
Our general terms and conditions apply, which you can view and download at www.oase.com!



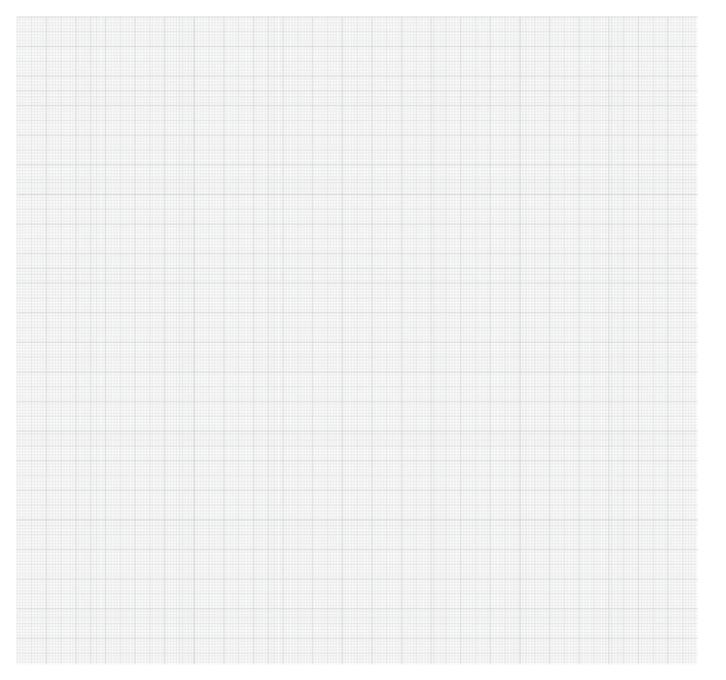
Notes



Notes



Notes









DISCOVER SOCIAL RESPONSIBILITY SAFE WATER FOR DRINKING AND DOMESTIC USE IN UGANDA

Clean water is our elixir of life. But not everyone in the world has access to safe water sources. We want to change this and make our contribution to improving quality of life. This is why OASE supports the aid project being undertaken by arche noVa in the district of Mukono, Uganda. The project is dedicated to installing infrastructure between villages and clean water sources, as well as providing education regarding the use of water and the empowerment of women.

More information at: www.oase.com/archenova

Your OASE Dealer:		



