

PRODUCT DETAILS



Filter wings

Easy to remove filter wings can be fitted on the adapter and positioned at the edge of the pond.



Flow regulator

Flow rate on the pump filter and fountain height can be adjusted from the pond edge via the regulator on the adapter.



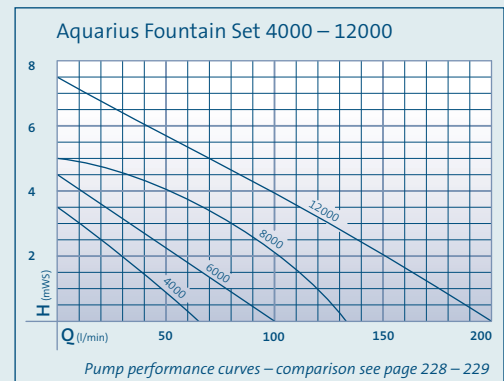
Fountain attachment Vulkan

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

Extras

Top 3 product characteristics

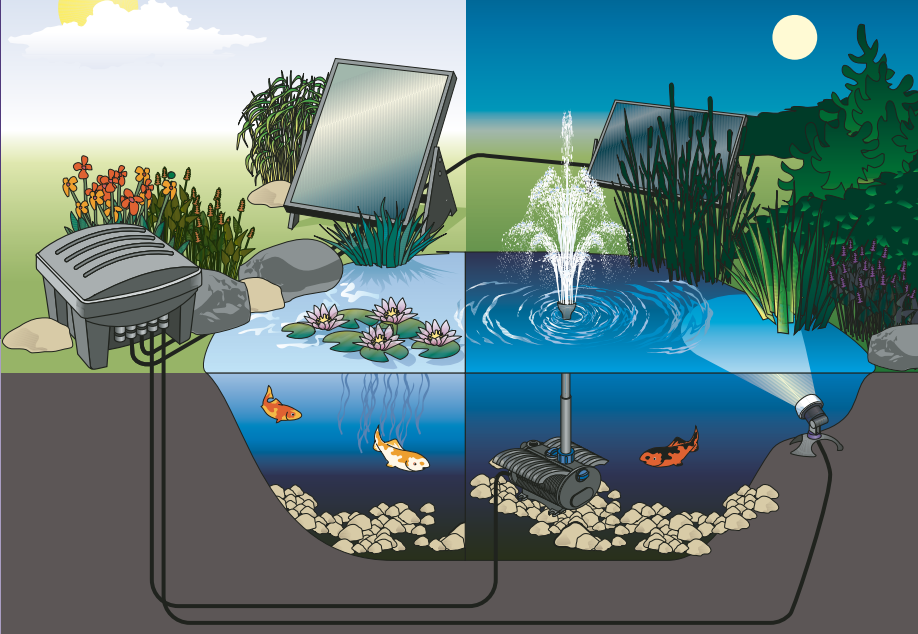
- Attractive fountain with large filter intake surface
- Removable filter wings for use at edges of the pond
- Convenient operation and cleaning from the edge of the pond



TECHNICAL DATA

		Aquarius Fountain Set 4000	Aquarius Fountain Set 6000	Aquarius Fountain Set 8000	Aquarius Fountain Set 12000
Dimensions (L x W x H)	mm	280 x 230 x 208			
Rated voltage		220–240 V / 50 Hz			
Power consumption	W	65	110	135	260
Power cable length	m	10.00			
Net weight	kg	4.60		6.30	6.40
Guarantee* ^{CG} (+ request guarantee)	Years	3 + 2			
Max. flow rate	l/min	67	100	133	200
Max. flow rate	l/h	4000	6000	8000	12000
Meter water column max.	m	3.50	4.50	5.00	7.50
Connection, pressure-side		1"		1 1/4"	
Connection, suction-side		1 1/4", 1 1/2"			
Connection for hoses		1/2", 3/4", 1"			
Filter intake surface	cm ²	1745			
Electronic adjustment		Yes			
Quantity nozzles	Unit	1			
Telescopic nozzle extension	cm	30–52			
Setup type		Underwater installation only			
Item no.		56315	56319	56323	56332





Schematic diagram: Aquarius Solar in combination with other OASE Solar components

AQUARIUS SOLAR

Fountain set for solar operation



- Solar powered fountain set for locations without power supply
- Connection to the optional SolarModule 35 or to the optional OASE SolarSafe 41 storage and control unit
- Easily removable filter wings can be placed directly at the edge of the pond
- Telescopic pipe extension with integrated swivel head for individual alignment of the fountain
- 3 fountain attachments included in the scope of delivery
- Click closures for convenient mounting /dismounting

PRODUCT DETAILS



Filter wings

Easy to remove filter wings can be fitted on the adapters and positioned at the edge of the pond.



Flow regulator

Flow rate on the pump filter and fountain height can be adjusted from the pond edge via the regulator on the adapter.



Vulkan		Lava		Magma		
Ø cm	H cm	Ø cm	H cm	Radius/cm	H cm	
40	70	25	–	50	90	Aquarius Solar 700
100	110	40	–	110	130	Aquarius Solar 1500

TECHNICAL DATA

		Aquarius Solar 700	Aquarius Solar 1500
Dimensions (L x W x H)	mm	217 x 130 x 134	
Rated voltage	V	12	
Power consumption	W	8	17
Power cable length	m	5.00	
Net weight	kg	1.40	1.70
Guarantee* ^{CG} (+ request guarantee)	Years	3 + 2	
Max. flow rate	l/min	12	25
Max. flow rate	l/h	700	1500
Meter water column max.	m	2.00	3.00
Connection, pressure-side		½"	
Connection, suction-side		¾", 1"	
Connection for hoses		½"	
Filter intake surface	cm²	825	
Electronic adjustment		No	
Quantity nozzles	Unit	3	
Telescopic nozzle extension	cm	16–29	
Setup type		Underwater installation only	
Item no. (GB-Version)		Not available in GB!	
Item no.		56888	56889



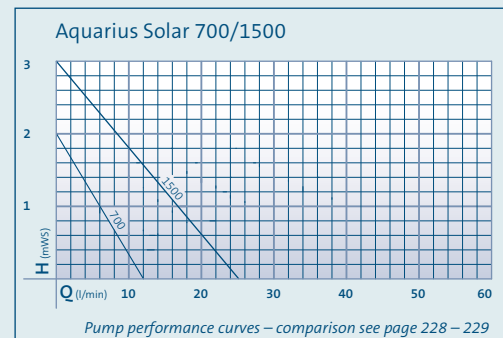
Extras

Top 3 product characteristics

- Flexible setup and operation exclusively using solar energy
- Perfect solution for locations without power supply
- Removable filter wings, convenient adjustment and cleaning from the edge of the pond

Recommendation

The Aquarius Solar pumps are part of the OASE solar system and should ideally be operated with the SolarModule 35 or the SolarSafe 41.

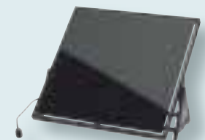


Accessories

SolarModule 35

35 W power and high efficiency level thanks to innovative CIS technology.

Item no. 37105 (Page 197)



SolarSafe 41

With a full battery the storage and control unit of the Aquarius Solar 700/1500 enables solar operation for up to 17 hours, or 8 hours, even without sunlight.

Item no. 56896 (Page 197)



LunAqua Solar

With LEDs and a colour disc set, ensures effective staging above the water surface and below the water surface.

Item no. 56894 (Page 197)



Hoses and accessories

Additional information on suitable OASE hoses and appropriate accessories starting on page 210.





Application examples: PondJet with Vulkan 37–2.5 K



PondJet with PondJet nozzle and lighting set

PONDJET

Compact, floating fountain – fast setup, immediately impressive!



- Floating fountain for flexible installation in bodies of water with any type of floor conditions
- Ready to connect complete set, pump, float body and multifunction nozzle
- Easy installation thanks to floating function
- Also ideal for short-term deployment, e.g. for events
- Required minimum water depth for clear water is 1.0 m; for a muddy pond floor the recommended minimum depth is 1.5 m
- Imposing water spectacle up to 3 meters in height and width
- Additional nozzle patterns and illumination set are available as accessories

PRODUCT DETAILS



PondJet nozzle
with 1" thread, cover plate and plug.



Flexible
The 1" thread allows 1" fountain attachments to be attached on the multifunction nozzle of the PondJet. Shown here with mounted Schaum-sprudler 35-10-E as an example.



Connection possibility
for the underwater transformer of the lighting set available as an accessory.



Accessories: Illumination set and fountain attachments
The optional LunAqua 10 spotlight set wonderfully illuminates the water patterns. Additional fountain attachments on page 56.

TECHNICAL DATA

		PondJet
Dimensions (Ø x H)	mm	670 x 540
Rated voltage		220–240 V / 50 Hz
Power consumption	W	270
Power cable length	m	20.00
Net weight	kg	15.20
Guarantee* ^G	Years	3
Max. flow rate	l/min	200
Max. flow rate	l/h	12000
Meter water column max.	m	7.70
Max. fountain height	m	3.00
Connection, pressure-side		1"
Connection, suction-side		1 1/2"
Connection for hoses		–
Filter intake surface	cm ²	420
Electronic adjustment		Yes
Quantity nozzles		1
Telescopic nozzle extension		–
Item no.		57075

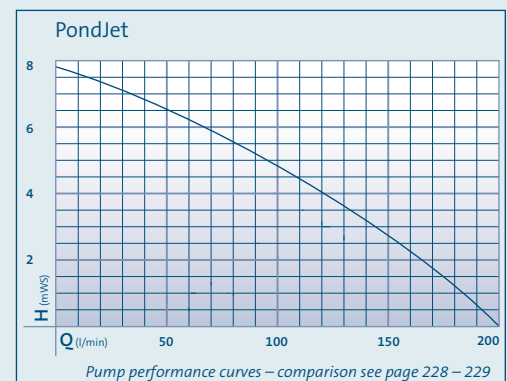
Extras

Top 3 product characteristics

- Fountain pumps that can be installed quickly and easily thanks to the float function
- Ideal for difficult terrain or short-term use
- Illumination can be easily retrofitted

Recommendation

Decorative fountain, easy installation, can be quickly and easily placed in service. Ideal for short-term use, e.g. for events. Retrofit illumination for perfect night-time staging!



Accessories



Illumination Set PondJet

This set supplies an atmospheric, illuminated fountain in the twilight hours and consists of:
3 Lunaqua 10 spotlights
3 stainless steel holders
1 underwater transformer
incl. special holder
20 m cable

Item no. 57083



Fountain attachments

With 1" thread for attachment on the multifunction nozzle of the PondJet:
• Vulkan 37 – 2.5 K, H: 400 cm
• Schaumsprudler 35 – 10 E, H: 140 cm
• Lava 36 – 10 K, Ø: 95 cm

Item number and product details page 56–57



FOUNTAIN ATTACHMENTS

For richly varied fountains

Extras

Accessories

Telescopic nozzle extension TE 5 K
 For easy extension of the nozzle height.
 Connection for mounting fountain attachments with ½" external thread, length can be telescopically extended from 200 mm to 300 mm.
 Item no. 54277 (Page 212)



Telescopic nozzle extension TE 10 K
 For easy extension of the nozzle height.
 Connection for mounting fountain attachments with 1" external thread, length can be telescopically extended from 280 mm to 510 mm.
 Item no. 52270 (Page 212)



Lava 20-5 K

- Bell diameter is easily adjustable

Lava 36-10 K

- Especially for wind-protected installations
- Operation only with nozzle extension and regulator

Schaumsprudler 22-5 K

- Water-level independent foam effect nozzle

Schaumsprudler 35-10 E

- Water-level independent foam effect nozzle
- Installation above the water surface

Schaumsprudler 55-15 E

- Water-level independent foam effect nozzle
- Installation above the water surface

TECHNICAL DATA

										
	Lava 20-5 K		Lava 36-10 K		Schaumsprudler 22-5 K		Schaumsprudler 35-10 E		Schaumsprudler 55-15 E	
Connection fountain pump	½"		1"		½"		1"		1 ½"	
Water-level dependent	No		No		No		No		No	
Material	Plastic		Plastic		Plastic		Stainless steel/plastic		Stainless steel	
	Ø cm	H cm	Ø cm	H cm	Ø cm	H cm	Ø cm	H cm	Ø cm	H cm
Aquarius Fountain Set 1000	35	–			–	–				
Aquarius Fountain Set 1500	45	–			–	30				
Aquarius Fountain Set 2500	55	–			–	45				
Aquarius Fountain Set 3500	60	–			–	50				
Aquarius Fountain Set 4000			90*	–			–	60		
Aquarius Fountain Set 6000			90*	–			–	90		
Aquarius Fountain Set 8000			90*	–			–	120		
Aquarius Fountain Set 12000			100*	–			–	220		
Aquarius Universal 21000									–	170
Aquarius Universal 27000									–	250
Aquarius Universal 40000									–	340
Aquarius Solar 700	25	–								
Aquarius Solar 1500	40	–			–	40				
PondJet			95	–			–	140		
Item no.	50883		52318		50982		50984		50987	

Extras

Recommendation:
Combine the OASE fountain attachments with products from the OASE Illumination product range, see page 176!

Accessories

LunAqua 3 Solo Set 1
This spotlight is optimally suited for submerged implementation, but can also be used above the water surface.

Item no. 56903
(Page 176)



**Vulkan
31 – 1.5 K**

- 31-jet fountain
- 3-tier
- Jet Ø 1.5 mm

**Vulkan
37 – 2.5 K**

- 37-jet fountain
- 3-tier
- Jet Ø 2.5 mm
- Only operate with nozzle extension

**Vulkan
43 – 3 silver**

- 43-jet fountain
- 4-tier
- Jet Ø 3.0 mm
- Easily adjustable extension

TECHNICAL DATA

	 Vulkan 31 – 1.5 K		 Vulkan 37 – 2.5 K		 Vulkan 43 – 3 silver	
Connection fountain pump	½"		1"		1"	
Water-level dependent	No		No		No	
Material	Plastic		Plastic		Tombac	
	Ø cm	H cm	Ø cm	H cm	Ø cm	H cm
Aquarius Fountain Set 1000	40	65				
Aquarius Fountain Set 1500	60	110				
Aquarius Fountain Set 2500	85	145				
Aquarius Fountain Set 3500	100	155				
Aquarius Fountain Set 4000			85	100	45	60
Aquarius Fountain Set 6000			130	200	70	110
Aquarius Fountain Set 8000			200	285	105	140
Aquarius Fountain Set 12000			250	450	135	225
Aquarius Universal 21000					240	380
Aquarius Universal 27000					250	400
Aquarius Universal 40000					300	500
Aquarius Solar 700						
Aquarius Solar 1500	50	80				
PondJet			340	400		
Item no.	50940		52319		50766	

FILTER- & WATERCOURSE PUMPS

Filter- & Watercourse pumps

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- 64 Filter and watercourse pumps – comparison
- 66 AquaMax Eco Classic
- 68 AquaMax Eco Premium
- 70 AquaMax Eco Premium 12 V
- 72 AquaMax Dry
- 74 AquaMax Eco Twin
- 76 AquaMax Expert

Gravitation filter pumps

- 78 AquaMax Gravity Eco



FILTER- AND WATERCOURSE PUMPS: INTELLIGENT TECHNOLOGY

Waterfalls and watercourses are not only small natural spectacles – moving water can do much more. The advantages are endless with the ingenious pumps from OASE.

For a variety of plants and animals garden ponds are ideal habitats. Water is vital for them, especially the oxygen contained in the water. OASE pumps move the water

in the pond, and thus ensure the required oxygen supply. Watercourses and waterfalls that simultaneously lend your pond a more natural appeal also offer the best addition of oxygen to the water. Consequently, you should include them in your plans. The OASE filter and watercourse pumps can also feed pond filters.



»Here you can
relax fully«

AquaMax Eco Classic

The classic in
a totally new form.

Page 66

They supply pond filters with water, where it is subsequently freed of coarse debris and toxins. The OASE pumps are real power houses with well thought-out supplemental functions. Thanks to the innovative »Seasonal flow Control« technology, some of these pumps can even adapt the required flow rate to the water temperature.

The pumps are intelligent and save energy, which as a result saves money. Your OASE stockist has the right pump for you, in accordance with your pond size and application. We present our pumps to you in the following chapter, with a complete overview on pages 64 – 65.

Filter- and Watercourse pumps: A strong combination

A filter and watercourse pump must be designed in such a manner that it can pump the correct volume of water, plus the contaminants introduced into the pond through leaves, floating plants or animals, to the filter. However, a filter is necessary to clean the water. Selection of a powerful filter and pump combination is the key factor for the subsequent quality of water.

With the table on page 42–43 you can select the right pump for your pond in a few steps. Suitable filters are listed starting on page 80. OASE stockists would be pleased to help you select the filters as well as the choice of pumps that will supply your watercourse with the ideal water flow rate.





FILTER AND WATERCOURSE PUMPS

THE CLASSIC IN A TOTALLY NEW FORM

AQUAMAX ECO CLASSIC The completely redesigned, reliable and energy-efficient classic is the ideal partner for entry into the garden pond. The pumps supply watercourses and waterfalls and deliver pond water that needs to be cleaned and coarse debris up to eight mm in size, into the filter. Thanks to the energy-efficient OASE motors, the models of the large Eco 2500 – 14500 are state of the art.

THE NEW ORIGINAL. AS ALWAYS. JUST BETTER.

AQUAMAX ECO PREMIUM This clever further development of the filter and watercourse pump now saves even more energy, at the same convincing flow rate, and with its new design it also displaces every other product. For more effective filter performance, filter accessories can be connected on its second, patented inlet, to simultaneously displace the water from multiple pond zones. At temperatures to -20°C , the frost protection technology, which is also patented, guarantees safe protection against frost and damage.

FOR DRY INSTALLATION

AQUAMAX DRY This particularly powerful filter and watercourse pump has been developed especially for dry setup. It is installed below the level of the water surface and is extremely quiet in operation.



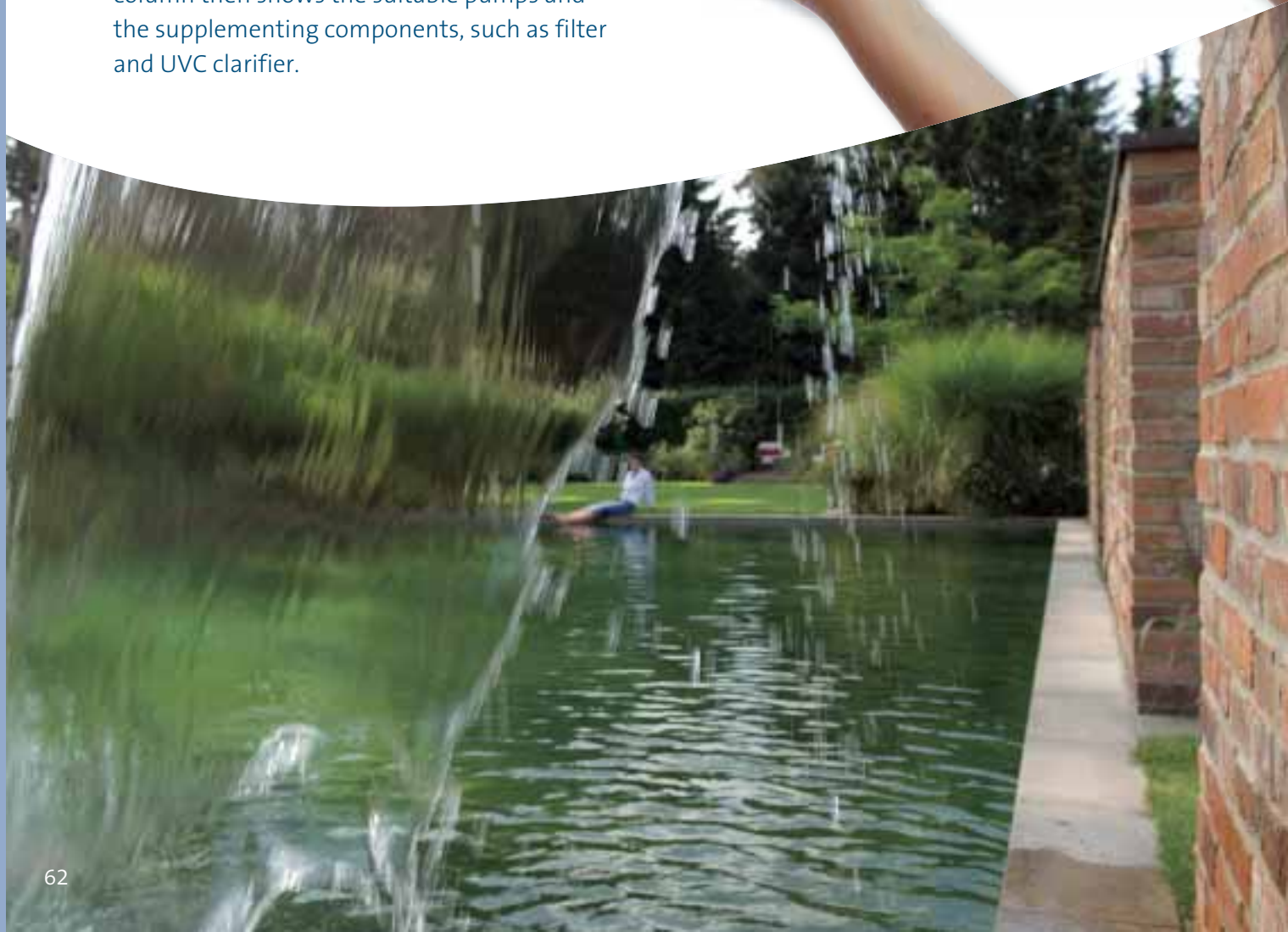
Tip!

Easy, if you know how: The right combination of filter, pump and UVC clarifier for your garden pond or watercourse, essentially depends on the size of the pond, i.e. water volume, and fish stock. Use the tables on page 64–65 to determine the suitable products, step by step. Your OASE stockist will also be pleased to help you with the selection.

OASE rotary chart: Optimal selection – it's easy

In order to calculate the water volume, you should precisely plan the size, perimeter, and depth of the pond. OASE has the right product for every creative idea in your water garden. In this regard we rely on clever solutions in which all components are perfectly matched.

OASE makes the planning easy: With the specially developed rotary chart the components necessary for your garden pond can be easily put together: On the outside edge of the chart select the pond volume. The corresponding column then shows the suitable pumps and the supplementing components, such as filter and UVC clarifier.



FILTER AND WATERCOURSE PUMPS

FOR CONVENIENT ADJUSTMENT

AQUAMAX Eco TWIN The delivery capacity of this unusually powerful pump series can be individually regulated with two motors – conveniently regulated by remote control. Effectively matched to the filter activity this can reduce power consumption. Also included is patented frost protection to -20°C .



INCREDIBLE FORCE

AQUAMAX EXPERT This pump range for watercourses or for feeding filters offers three capacity variants that can deliver between 20,000 and 41,000 litres of water per hour. They can be adjusted electronically and are frost-proof to -20°C .



SOMETHING FOR ALL

AQUAMAX GRAVITY Eco Thanks to gravitation-optimised technology this pump range is specially suited for the requirements of gravity-fed filter systems. It is completely winter proof -20°C , and thanks to the stainless steel basket in the filter, coarse debris particles to 6 mm in size can easily be removed.



Filter and watercourse pumps – comparison

	Predessor models	Max. flow rate (l/h)	Max. flow rate (l/min)	Max. head height (m)	Power consumption (W)	Rated voltage	Net weight (kg)	Power cable length (m)	
Filter and watercourse pumps									
AquaMax Eco Classic 2500	AquaMax 2000	2400	40	2.00	40	220–240 V / 50 Hz	1.90	10.00	
AquaMax Eco Classic 3500	AquaMax Eco 3500	3600	60	2.20	45	220–240 V / 50 Hz	3.40	10.00	
AquaMax Eco Classic 5500	AquaMax Eco 5500	5300	88	2.80	60	220–240 V / 50 Hz	3.40	10.00	
AquaMax Eco Classic 8500	AquaMax Eco 8500	8300	138	3.20	80	220–240 V / 50 Hz	4.40	10.00	
AquaMax Eco Classic 11500	–	11000	183	3.30	100	220–240 V / 50 Hz	4.40	10.00	
AquaMax Eco Classic 14500	–	13600	227	3.40	135	220–240 V / 50 Hz	5.40	10.00	
AquaMax Eco Premium 4000	AquaMax Eco CWS 4000	4000	66	3.30	40	220–240 V / 50/60 Hz	5.30	10.00	
AquaMax Eco Premium 6000	AquaMax Eco CWS 6000	6000	100	3.70	50	220–240 V / 50/60 Hz	5.30	10.00	
AquaMax Eco Premium 8000	AquaMax Eco CWS 8000	8000	133	4.10	65	220–240 V / 50/60 Hz	5.30	10.00	
AquaMax Eco Premium 10000	–	10000	166	4.70	88	220–240 V / 50/60 Hz	5.30	10.00	
AquaMax Eco Premium 12000	AquaMax Eco 12000	12000	200	5.00	110	220–240 V / 50/60 Hz	5.40	10.00	
AquaMax Eco Premium 16000	AquaMax Eco 16000	15600	260	5.20	145	220–240 V / 50/60 Hz	5.40	10.00	
AquaMax Eco Premium 6000 / 12 V	AquaMax Eco 6000/12V	6000	100	3.20	55	230 V / 50 Hz / 12V DC	8.70	2.50 + 8.00	
AquaMax Eco Premium 12000 / 12 V	–	11400	190	3.20	90	230V / 50 Hz / 12V DC	10.60	2.50 + 8.00	
AquaMax Dry 6000	–	6000	100	2.20	75	220–240 V / 50 Hz	3.10	10.00	
AquaMax Dry 8000	–	7500	125	3.00	100	220–240 V / 50 Hz	3.20	10.00	
AquaMax Dry 14000	–	15100	251	5.20	260	220–240 V / 50 Hz	5.02	10.00	
AquaMax Dry 16000 (GB-Version only !)	–	13500	225	5.00	230	220–240 V / 50 Hz	5.00	10.00	
AquaMax Eco Twin 20000	Promax 20000	20000	335	4.50	198	220–240 V / 50/60 Hz	11.00	10.00	
AquaMax Eco Twin 30000	Promax 30000	27000	450	5.20	320	220–240 V / 50/60 Hz	11.00	10.00	
AquaMax Expert 20000	Profimax 20000	20000	333	8.00	450	220–240 V / 50 Hz	13.90	10.00	
AquaMax Expert 30000	Profimax 30000	30000	500	8.50	650	220–240 V / 50 Hz	13.90	10.00	
AquaMax Expert 40000	Profimax 40000	41000	683	10.00	1100	220–240 V / 50 Hz	19.20	10.00	
AquaMax Gravity Eco 10000	Optimax 10000	10000	167	1.30	65	220–240 V / 50 Hz	4.20	10.00	
AquaMax Gravity Eco 15000	Optimax 15000	15000	250	1.80	85	220–240 V / 50 Hz	4.50	10.00	
AquaMax Gravity Eco 20000	Optimax 20000	18000	300	2.20	120	220–240 V / 50 Hz	4.50	10.00	

* SM = OASE Synchronous Motor; AS = OASE Asynchronous Motor; SE = OASE Synchronous Electronic Motor; EC = OASE EC motor



AquaMax Eco Classic (START)



AquaMax Eco Premium (PRO)
AquaMax Eco Premium 12 V (PRO)



AquaMax Dry (PRO)

	Guarantee *G (* request guarantee)	Connection, pressure-side	Can be dry-installed	Frost-proof to -20 °C	Suitable <u>on</u> the swim pond	Suitable <u>in</u> the swim pond	Motor-type*	Electronic adjustment	Stainless steel filter basket	Pre-filter connection possible	CE/VDI-GS	Item no. (GB-Version)	Item no.	Catalogue Page
	3	1"			•		SM				•	51088	51086	66
	3+2	1½"	•		•		SE		○		•	51094	51092	66
	3+2	1½"	•		•		SE		○		•	51098	51096	66
	3+2	1½"	•		•		SE		○		•	51100	51099	66
	3+2	1½"	•		•		SE		○		•	51103	51102	66
	3+2	1½"	•		•		SE		○		•	51109	51104	66
	3+2	2"	•	•	•		EC	•	○		•	50735	50734	68
	3+2	2"	•	•	•		EC	•	○		•	50739	50736	68
	3+2	2"	•	•	•		EC	•	○		•	50741	50740	68
	3+2	2"	•	•	•		EC	•	○		•	51085	51078	68
	3+2	2"	•	•	•		EC	•	○		•	50743	50742	68
	3+2	2"	•	•	•		EC	•	○		•	50746	50745	68
	3+2	2"	•	•	•	•	EC		○		•	–	50730	70
	3+2	2"	•	•	•	•	EC		○		•	–	50382	70
	3+2	1½"	•		•		AS	•	○		•	50396	50393	72
	3+2	1½"	•		•		AS	•	○		•	50069	50066	72
	3+2	1½"	•		•	•	AS	•	○		•	50448	GB-Version only	68
	3+2	1½"	•		•		AS	•	○		•	50070	50068	72
	3+2	2"		•	•		EC	•	○		•	50448	50708	74
	3+2	2"		•	•		EC	•	○		•	–	50710	74
	3+2	2"	•	•	•		AS	•	•		•	–	56873	76
	3+2	2"	•	•	•		AS	•	•		•	–	56874	76
	3+2	2"	•	•	•		AS	•	•		•	–	56875	76
	3+2	2"	•	•	•		SE		•	○	•	–	57091	78
	3+2	2"	•	•	•		SE		•	○	•	–	57092	78
	3+2	2"	•	•	•		SE		•	○	•	–	57093	78

○ = optional, not included in scope of delivery



AquaMaxEco Twin (PRO)



AquaMax Expert (PRO)



AquaMax Gravity (PRO)



Schematic diagram: Filter- and watercourse pump AquaMax Eco Classic (START) in combination with an OASE flow-through filter, BioSmart (START)

AQUAMAX ECO CLASSIC *Eco*

The powerful classic in a completely new design

»Environmental Function Control«
The pumps switch off automatically in the event of dry run which prevent damage to the device.



- Completely redesigned: The classic – the entry level class of filter- and watercourse pumps from OASE
- A totally new form: Thanks to organic design, it can be integrated in ponds and watercourses, almost invisibly
- Uncomprisingly reliable: With high cleaning force, it pumps pond water and coarse debris particles, up to 8 mm in size into a filter
- Wider range available: Now with two additional, even more powerful pumps in the product line: The new 11500 and 14500
- Suitable for use on swim ponds and bathing ponds (Installed in an exterior pump chamber)
- Included in the scope of delivery: Special hose adapter with threaded collar for different hose sizes

From AquaMax EcoClassic 3500

- Extremely economical: Thanks to the energy-efficient EC motor, the AquaMax Eco Classic saves power – and money – in operation.
- »Environmental Function Control« (EFC by OASE)* protects against dry run and blocking)
- AquaMax Eco Classic 8500, 11500 and 14500 available from March 2013

PRODUCT DETAILS



Coarse debris displacement
The large-surface wrap-around strainer allows coarse debris particles like fish waste or dead plants up to 8 mm to pass through.



Special stepped hose adapter
Scope of delivery includes a stepped hose adapter with the sizes 1", 1 ¼" and 1 ½" and the suitable stainless steel hose clamps. (For AquaMax Eco Classic 2500 ¾" to 1 ½")

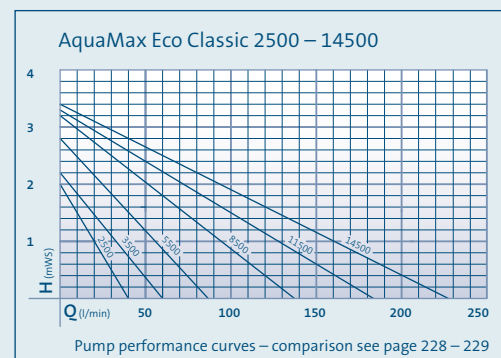


Energy-efficient motor
The efficient motor is particularly economical and effectively reduces running costs.

Extras

Top 3 product characteristics

- Top entry model with first-class price/performance ratio, in a new design
- Thanks to its energy-efficient EC motor, the AquaMax Eco Classic saves power – and thus money – in operation
- Coarse debris displacement of particles up to 8 mm in size



TECHNICAL DATA

Matching filters and filter systems starting on page 80

		NEW	NEW	NEW	NEW	NEW	NEW
		AquaMax Eco Classic	AquaMax Eco Classic	AquaMax Eco Classic	AquaMax Eco Classic	AquaMax Eco Classic	AquaMax Eco Classic
		2500	3500	5500	8500	11500	14500
Dimensions (L x W x H)	mm	190 x 175 x 100	280 x 230 x 130				
Rated voltage		220–240 V / 50 Hz					
Power consumption	W	40	45	60	80	100	135
Power cable length	m	10.00					
Net weight	kg	1.90	3.20	4.40	5.00		
Guarantee* ^{CG} (+ request guarantee)	Years	3	3 + 2				
Max. flow rate	l/min	40	60	88	138	183	227
Max. flow rate	l/h	2400	3600	5300	8300	11000	13600
Max. head	m	2.00	2.20	2.80	3.20	3.30	3.40
Connection, pressure-side		1"		1 ½"			
Connection, suction-side		25 mm		1 ½"			
Connection for hoses		¾", 1", 1 ¼", 1 ½"		1", 1 ¼", 1 ½"			
Filter intake surface	cm ²	300		810			
Coarse debris displacement, max.	mm	6		8			
Electronic adjustment		No					
Setup type		Underwater installation only		Suitable submersed or dry-installed			
Item no. (GB-Version)		51088	51094	51098	51100	51103	51109
Item no.		51086	51092	51096	51099	51102	51104



* Except AquaMax Eco Classic 2500



Schematic diagram: Filter and watercourse pump AquaMax Eco (PRO) in combination with an OASE pressure filter FiltroClear (PRO)

AQUAMAX ECO PREMIUM

*Efficient water movement
in multiple pond zones*

»Seasonal Flow Control«

The pumps adapt to the pond ecology throughout the year and support the pond biology through temperature-dependant water circulation.

»Environmental Function Control«

The pumps switch off automatically in the event of dry run and prevent damage to the device.



- 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 to temperatures as low as -20°C , guaranteed
- Flow rate can be mechanically and electronically adjusted
- Elegant design with clever operating elements
- Quiet for dry setup on swim ponds and bathing ponds
- Plant remains or fish waste to 11 mm in size are reliably displaced
- »Environmental Function Control« (EFC by OASE) protects against dry run and blocking
- MADE IN GERMANY: Precise and reliable German engineering

AquaMax Eco Premium 12000 and 16000

- Patented »Seasonal Flow Control« for intelligent and environmentally-conscious regulation of flow rate and delivery head
- With SFC switched on an additional 30 % energy saving is possible

PRODUCT DETAILS



Regulated + 2nd inlet

Flow-through from 0 to 100 % can be mechanically adjusted. Ideal for adjusting skimmer or satellite filter capacity (accessories) in 4-steps. 2nd Inlet allows connection of a satellite filter or the surface skimmer (accessories).



SFC switch

For AquaMax Eco Premium 12000 and Eco 16000. With the SFC function switched on, the pump automatically optimises and reduces flow rate and delivery head by up to 50 %.

Extras

Top 3 product characteristics

- Outstanding energy efficiency and displacement capacity
- Simultaneous contaminant supply through connection of filter accessories on the patented, second inlet
- Patented frost protection to -20°C

Accessories

Satellite filter AquaMax Eco
Enables intake of polluted water at an additional point on the pond floor.

Item no. 57177



AquaSkim 20 (Page 152)
Item no. 51236

NEW

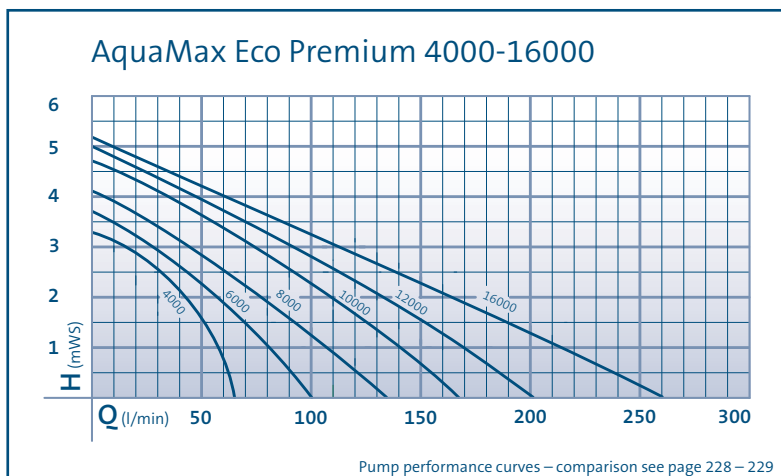
AquaSkim 40 (Page 152)
Item no. 56907

Effectively frees the pond surface of leaves, food remnants, and other pollutants and carries pollutants directly to the filter system.



InScenio FM-Master 3 Item no. 36311 Page 195
InScenio Dimmer Item no. 51160 Page 195

NEW



TECHNICAL DATA

Matching filters and filter systems starting on page 80

NEW

	AquaMax Eco Premium 4000	AquaMax Eco Premium 6000	AquaMax Eco Premium 8000	AquaMax Eco Premium 10000	AquaMax Eco Premium 12000	AquaMax Eco Premium 16000
Dimensions (L x W x H)	mm 340 x 280 x 165					
Rated voltage	220–240 V / 50/60 Hz					
Power consumption	W 40	50	65	88	110	145
Power cable length	m 10.00					
Net weight	kg 5.30				5.40	
Guarantee* ^{CG} (+ request guarantee)	Years 3 + 2					
Max. flow rate	l/min 66	100	133	166	200	260
Max. flow rate	l/h 4000	6000	8000	10000	12000	15600
Max. head	m 3.30	3.70	4.10	4.70	5.00	5.20
Connection, pressure-side	2"					
Connection, suction-side	2"					
Connection for hoses	1", 1¼", 1½"		1", 1¼", 1½", 2"		1", 1¼", 1½", 2"	
Filter intake surface	cm² 1000					
Coarse debris displacement, max.	mm 10				11	
Electronic adjustment	Yes					
Setup type	Suitable submersed or dry-installed					
Item no. (GB-Version)	50735	50739	50741	51085	50743	50746
Item no.	50734	50736	50740	51078	50742	50745



* Only AquaMax Eco Premium 12000 / 16000



Schematic diagram: Filter and watercourse pump AquaMax Eco Premium 12 V (PRO) used in the swim pond in combination with an OASE pressure filter FiltoClear (PRO)

AQUAMAX Eco PREMIUM 12 V ^{PLUS} Eco

Efficient water movement in multiple pond areas, now also in swim ponds



»Environmental Function Control«

The pumps switch off automatically in the event of dry run and prevent damage to the device.

AquaMax Eco Premium 6000 / 12 V



PRO

- With safe 12 V technology perfect for implementation in swim ponds and bathing ponds
- Outstanding energy balance: Reliable displacement using even less energy
- Supplemental, patented connection of filter accessories for debris supply from more distant pond zones
- Unique, patented frost protection: The pump will not be damaged to temperatures as low as -20 °C, guaranteed
- Elegant design with clever operating elements
- Maximum operating convenience thanks to ergonomic and easily accessible handles
- Plant remains or fish waste to 11 mm in size are reliably displaced
- »Environmental Function Control« (EFC by OASE) protects against dry run and blocking
- MADE IN GERMANY: Precise and reliable German engineering

PRODUCT DETAILS



Regulated + 2nd inlet

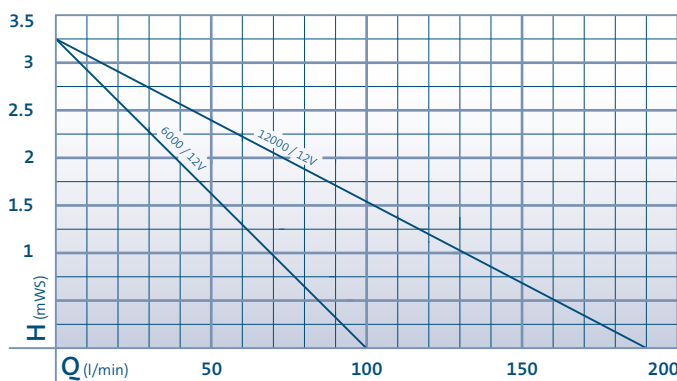
Flow-through from 0 to 100 % can be mechanically adjusted. Ideal for adjusting skimmer or satellite filter capacity (accessories) in 4-steps. 2nd Inlet allows connection of a satellite filter or a surface skimmer (accessories).



12 V power unit

For safety, low voltage transformer, optimally suitable for swim ponds. Power unit must be setup at least 2 m from the pond.

AquaMax Eco Premium 6000 - 12000/12V



Pump performance curves – comparison see page 228 – 229

Extras

Top 3 product characteristics

- Outstanding energy efficiency and displacement capacity
- Perfect in swim ponds and bathing ponds thanks to safe 12 volt technology
- Simultaneous contaminant supply through connection of filter accessories on the patented, second inlet

Accessories

Satellite filter AquaMax Eco
Enables intake of polluted water at an additional point on the pond floor.

Item no. 57177



AquaSkim 20 (Page 152)
Item no. 51236

AquaSkim 40 (Page 152)
Item no. 56907

Effectively frees the pond surface of leaves, food remnants, and other pollutants and carries pollutants directly to the filter system.

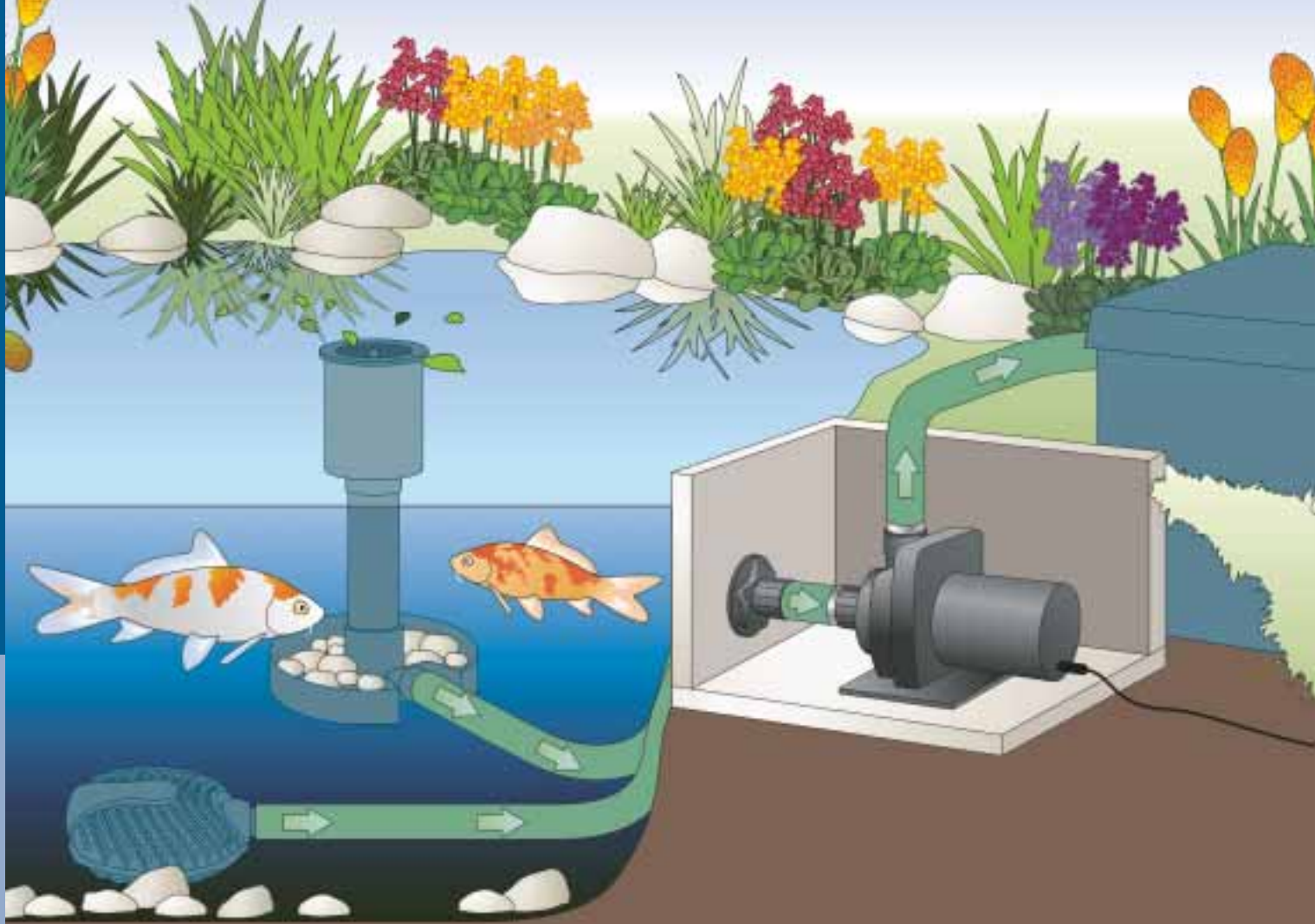


TECHNICAL DATA

Matching filters and filter systems starting on page 80

		AquaMax Eco Premium 6000 / 12 V	AquaMax Eco Premium 12000 / 12 V
Dimensions (L x W x H)	mm	340 x 280 x 165	
Rated voltage (primary, secondary)		230 V / 50 Hz, 12 V / DC	
Power consumption	W	55	90
Cable length 12 V device	m	2.50 (power unit) + 8.00	
Net weight	kg	8.70	10.60
Guarantee* ^G (+ request guarantee)	Years	3 + 2	
Max. flow rate	l/min	100	190
Max. flow rate	l/h	6000	11400
Max. head	m	3.20	
Connection, pressure-side		2"	
Connection, suction-side		2"	
Connection for hoses		1", 1 1/4", 1 1/2"	1", 1 1/4", 1 1/2", 2"
Filter intake surface	cm ²	1000	
Coarse debris displacement, max.	mm	10	11
Electronic adjustment		No	
Setup type		Suitable submersed or dry-installed	
Item no.		50730	50382





Schematic diagram: Dry setup of the filter and watercourse pump AquaMax Dry 14000 (PRO) with concurrent operation of skimmer and satellite filter

AQUAMAX DRY

Especially designed for dry installation



- Powerful filter pump for installation in a dry, separate pump chamber
- Extremely quiet motor operation
- Displaces coarse debris to 8 mm in size
- Extremely stable thanks to its solid base
- Included in the scope of delivery: 2 hose connections 1" – 1 ½", as well as 2 stainless steel hose clamps 1 ½"
- Likewise suitable for use on swim ponds and bathing ponds (inserted in an exterior pump chamber)

PRODUCT DETAILS



Coarse debris displacement

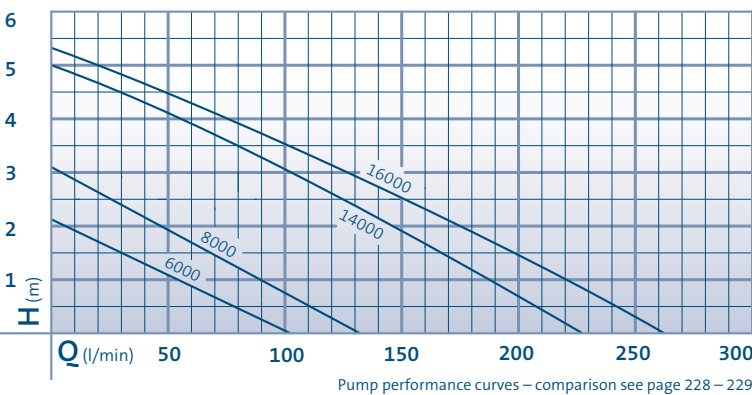
The pump displaces debris particles up to 8 mm in size, such as fish waste or dead plant remains.



Hose clamps

The stainless steel hose clamps 1 1/2" are included in the scope of delivery.

Aquamax Dry 6000 – 16000



TECHNICAL DATA

Matching filters and filter systems starting on page 80

	AquaMax Dry 6000	AquaMax Dry 8000	AquaMax Dry 14000	AquaMax Dry 16000
Dimensions (L x W x H) mm	200 x 150 x 150		210 x 150 x 170	
Rated voltage	220–240 V / 50 Hz			
Power consumption W	75	100	230	260
Power cable length m	10.00			
Net weight kg	3.10	3.20	5.02	
Guarantee* ^{CG} (+ request guarantee) Years	3 + 2			
Max. flow rate l/min	100	125	225	251
Max. flow rate l/h	6000	7500	13500	15100
Max. head m	2.20	3.00	5.00	5.20
Connection, pressure-side	1 1/2"			
Connection, suction-side	1 1/2"			
Connection for hoses	1", 1 1/4", 1 1/2"			
Coarse debris displacement, max. mm	8			
Electronic adjustment	Yes			
Setup type	Dry installation only			
Item no. (GB-Version)	50396	50069	50070	50448
Item no.	50393	50066	50068	GB-Version only!



Extras

Top 3 product characteristics

- Quiet pump, especially for dry setup
- Extremely stable thanks to its solid base
- Electronically adjustable with the OASE InScenio FM-Master 3 garden power outlet

Recommendation

The AquaMax Dry should be setup below the water level in the separate pump chamber. Consequently, a great advantage of the dry setup is the extremely safe use, particularly for swim ponds and bathing ponds. In addition the pump is easily accessible for maintenance purposes. Optionally, the use of slide valves is recommended. For effective displacement of polluted water, particularly with the AquaMax Dry 14000, we recommend connection of a satellite filter or skimmer, in combination with a Y-distributor.

Accessories

Satellite filter AquaMax Eco
Enables intake of polluted water at an additional point on the pond floor.
Item no. 57177



AquaSkim 20 (Page 152)
Item no. 51236

NEW

AquaSkim 40 (Page 152)
Item no. 56907

Effectively frees the pond surface of leaves, food remnants, and other pollutants and carries pollutants directly to the filter system.



InScenio FM-Master 3
Wireless remote control garden power outlet for electronic adjustment.
Item no. 36311 (Page 195)

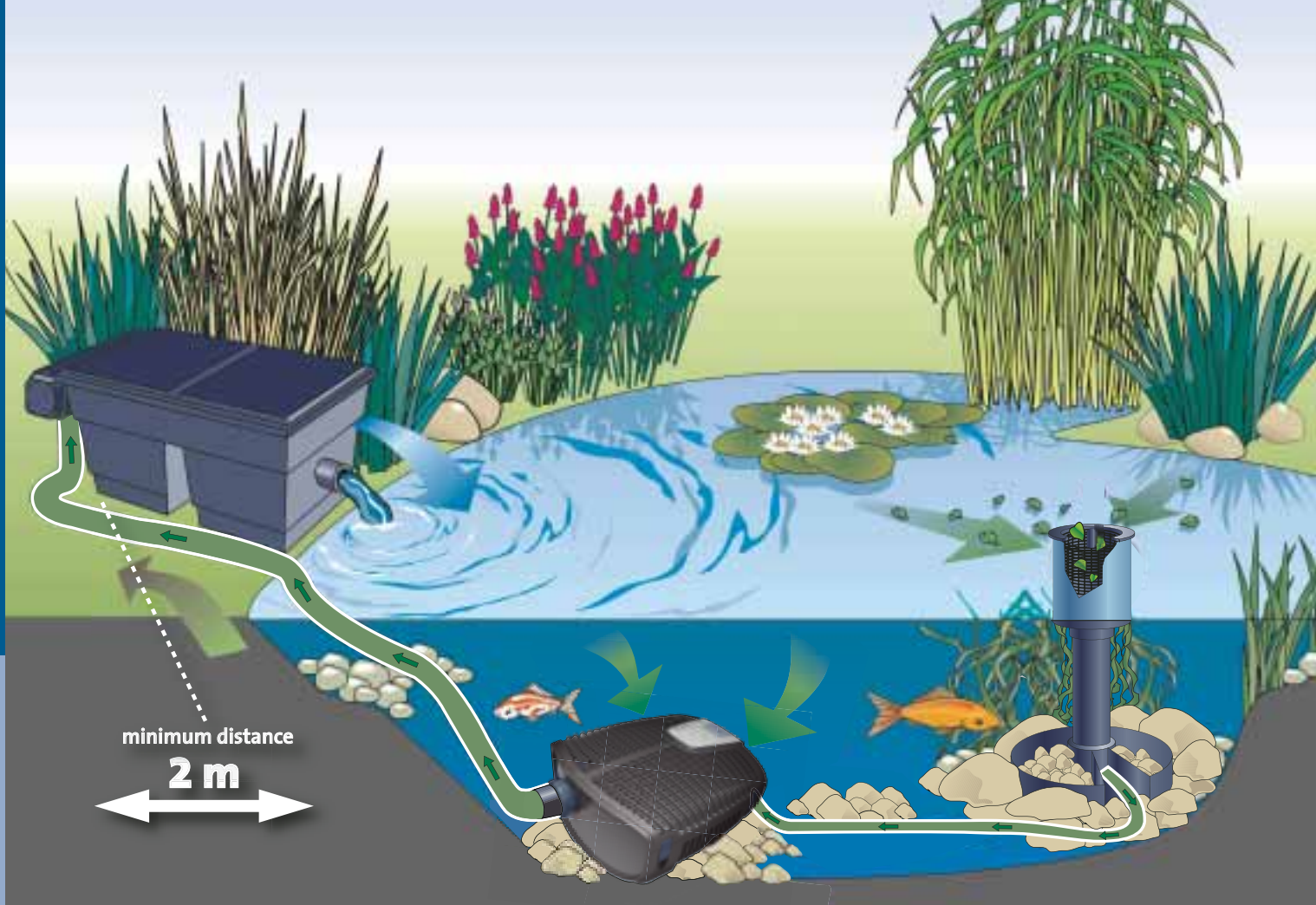
InScenio Dimmer
Item no. 51160 (Page 195)

NEW



Y-distributor 1 1/2"
For the »Water Trio« and »Water Quintet« fountains. Additional service opening with cover water distributor with 1 inlet and 2 outlets. Both outlets are individually adjustable. Operate underwater only!
Item no. 56668 (Page 212)





Schematic diagram: Filter and watercourse pump AquaMax Eco Twin in combination with an OASE flow-through filter and additionally connected OASE skimmer AquaSkim 40

AQUAMAX Eco TWIN ^{PLUS} Eco

Particularly powerful with flexible capacity adaptation



»Environmental Function Control«
The pumps switch off automatically in the event of dry run and prevent damage to the device.



- Particularly powerful filter pump with individually adjustable flow rate of the 2 motors by remote control
- Thus 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 flow rates
- Coarse debris displacement of particles up to 11 mm in size
- In addition to pond floor filtration, simultaneous connection of a satellite filter or skimmer is also possible
- Unique, patented frost protection: The pump will not be damaged to temperatures as low as -20 °C, guaranteed
- »Environmental Function Control« (EFC by OASE) protects against dry run and blocking
- Suitable for use on swim ponds and bathing ponds (inserted in an exterior pump chamber)

PRODUCT DETAILS



Controller with LED display

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



»Intelligent« flap

The patented »intelligent« flap mechanism in the interior of the AquaMax Eco Twin guarantees optimal output, even when only one pump is used.



Flexible regulation of the two motors

The different water intake functions can be switched and regulated individually. The following combinations are possible:

1. Pond floor filtration and satellite filter
2. Pond floor filtration and skimmer
3. Pond floor filtration pure

TECHNICAL DATA

Matching filters and filter systems starting on page 80

		AquaMax Eco Twin 20000	AquaMax Eco Twin 30000
Dimensions (L x W x H)	mm	380 x 360 x 205	
Rated voltage		220–240 V / 50/60 Hz	
Power consumption	W	198	320
Power cable length	m	10.00	
Net weight	kg	11.00	
Guarantee* ^G (+ request guarantee)	years	3 + 2	
Max. flow rate	l/min	335	450
Max. flow rate	l/h	20000	27000
Max. head	m	4.50	5.20
Connection, pressure-side		2"	
Connection, suction-side		2"	
Connection for hoses		1", 1 1/4", 1 1/2", 2"	
Filter intake surface	cm ²	1300	
Coarse debris displacement, max.	mm	11	
Electronic adjustment		Yes	
Setup type		Underwater installation only	
Item no.		50708	50710



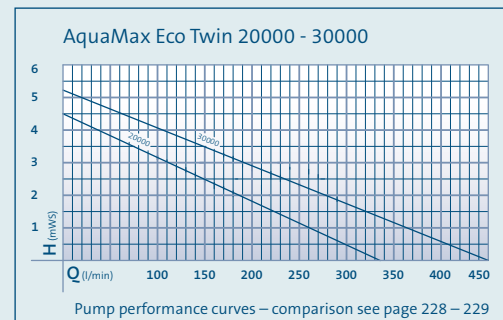
Extras

Top 3 product characteristics

- Flexible adjustment of the flow rate
- On/Off/adjustment conveniently via remote control
- Patented frost protection to –20 °C

Recommendation

Depending on the debris input in the pond, you can decide from which point the water should be delivered into the filter. You can regulate or switch off the pond floor filtration by remote control, and concentrate only on the surface or pond edge.



Accessories

Satellite filter AquaMax Eco
Enables intake of polluted water at an additional point on the pond floor.

Item no. 57177



AquaSkim 40
Frees the pond surface from leaves, food remnants, and other pollutants, and conveys pollutants directly to the filter system.

Item no. 56907 (Page 152)



InScenio 230

Spray water resistant garden power outlet for year-round use offers connection for up to 4 devices.

Item no. 55433 (Page 195)





AQUAMAX EXPERT

Extreme performance for demanding large installations



- Excellent flow rates for sophisticated filter systems or large watercourses and waterfalls
- Coarse debris displacement of particles up to 8 mm in size
- Electronic adjustment by remote control with the InScenio FM-Profimaster (Page 195)
- Side 2" outlet for easier installation in large systems
- Long service life particularly at high capacities
- Ergonomic handle for safe transport
- Suitable submersed or dry-installed
- Unique, patented frost protection: The pump will not be damaged to temperatures as low as -20°C , guaranteed
- Suitable for use on swim ponds and bathing ponds (inserted in an exterior pump chamber)

PRODUCT DETAILS



Robust filter basket

Thanks to this robust stainless steel filter basket, coarse debris particles up to 8 mm in size are displaced easily.



Compact base

Integrated fixing holes in the base facilitate fixed installation on the pond floor, as needed.



Side outlet

Side 2" outlet for easier installation in large systems.



Ergonomic handle

The ergonomic handle is aligned with the pump's centre of gravity and facilitates transport and installation.

TECHNICAL DATA

		AquaMax Expert 20000	AquaMax Expert 30000	AquaMax Expert 40000
Dimensions (L x W x H)	mm	420 x 240 x 262		461 x 258 x 293
Rated voltage		220–240 V / 50 Hz		
Power consumption	W	450	650	1100
Power cable length	m	10.00		
Net weight	kg	13.90	13.90	19.20
Guarantee*G (+ request guarantee)	years	3 + 2		
Max. flow rate	l/min	333	500	683
Max. flow rate	l/h	20000	30000	41000
Max. head	m	8.00	8.50	10.00
Connection, pressure-side		2"		
Connection, suction-side		2"		2 1/2"
Connection for hoses		1", 1 1/2", 2"		
Filter intake surface	cm²	1320		1620
Coarse debris displacement, max.	mm	8		
Electronic adjustment		Yes		
Setup type		Suitable submersed or dry-installed		
Item no.		56873	56874	56875



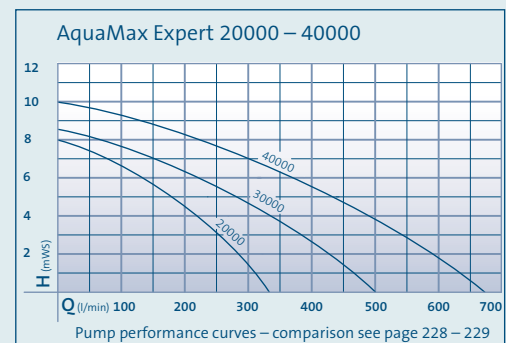
Extras

Top 3 product characteristics

- Powerful pumps for large installations
- Convenient electronic adjustment possible
- Patented frost protection to –20 °C

Recommendation

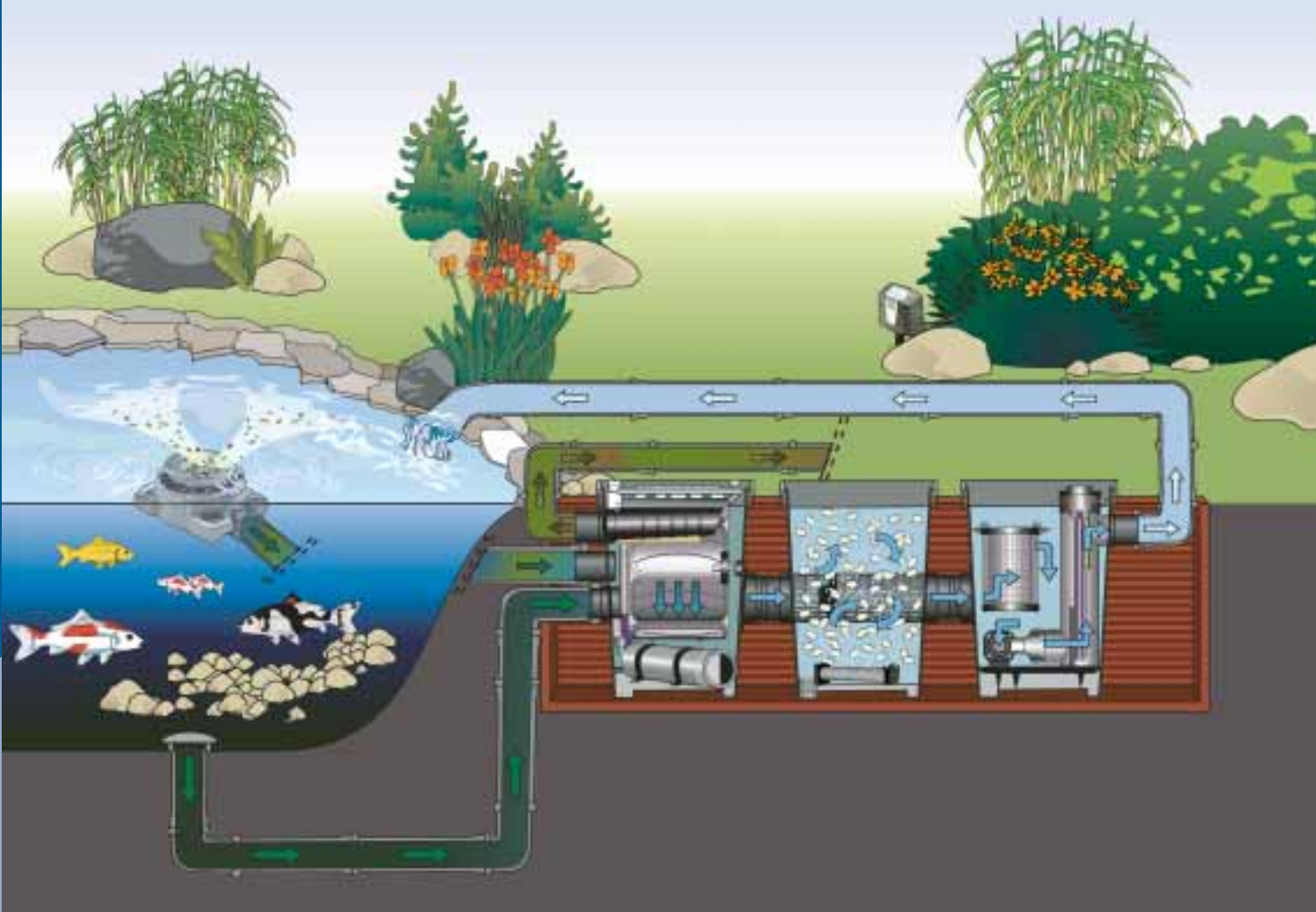
The powerful AquaMax Expert is excellently suited for supplying filter systems as well as watercourses and waterfalls in larger installations.



Accessories

InScenio FM-Profimaster
Wireless remote control garden power outlet for electronic adjustment.
Item no. 56886 (Page 195)





Schematic diagram: Gravitation filter pump **AquaMax Gravity Eco** in combination with the **OASE ProfiClear Premium** module filters

AQUAMAX GRAVITY ECO *Eco*

For gravity fed filter systems on koi ponds and swim ponds

»Environmental Function Control«

The pumps switch off automatically in the event of dry run and prevent damage to the device.



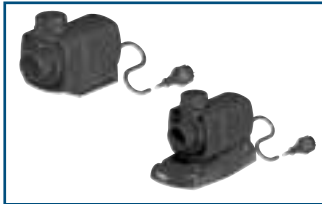
- Energy-efficient filter pump with strong and reliable delivery capacity for large bodies of water with low pressure requirement
- Coarse debris displacement of particles up to 6 mm in size
- High stability thanks to the removable mounting base
- Suitable submersed or dry-installed
- Unique, patented frost protection: The pump will not be damaged to temperatures as low as -20 °C, guaranteed
- Included in the scope of delivery: Adapter set for hose (2"/DA 63) and pipe connection (DN 75/DN 110)
- Suitable for use on swim ponds and bathing ponds (inserted in an exterior pump chamber)
- »Environmental Function Control« (EFC by OASE) protects against dry run and blocking

PRODUCT DETAILS



Stainless steel pump guard

Thanks to this high-quality, stainless steel filter basket, coarse pollutant particles up to 6 mm in size are displaced easily.



Removable base

The removable base enables pump installation in confined spaces.



Adapter Set

The included adapter set enables connection of hoses (2"/DA 63) and pipes (DN 75/DN 110).

Extras

Top 3 product characteristics

- Perfectly matched to the requirements of gravity fed filter systems
- High performance with minimal space requirements
- Patented frost protection to $-20\text{ }^{\circ}\text{C}$

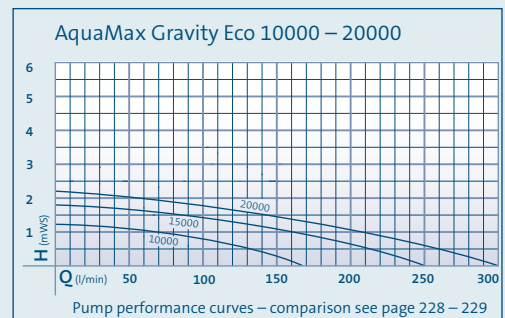
Recommendation

These powerful gravitation filter pumps are ideally suited for feeding larger filter systems. Ideal in combination with the OASE module filter systems ProfiClear Classic and ProfiClear Premium. (Page 120–125).

TECHNICAL DATA

Matching filters and filter systems starting on page 80

		AquaMax Gravity Eco 10000	AquaMax Gravity Eco 15000	AquaMax Gravity Eco 20000
Dimensions (L x W x H)	mm	272 x 142 x 182		
Rated voltage		220–240 V/50 Hz		
Power consumption	W	65	85	120
Power cable length	m	10.00		
Net weight	kg	4.2	4.5	
Guarantee* ^G (+ request guarantee)	Years	3 + 2		
Max. flow rate	l/min	167	250	300
Max. flow rate	l/h	10000	15000	18000
Max. head	m	1.30	1.80	2.20
Connection, pressure-side		2"		
Connection, suction-side		2"		
Connection for hoses		2", DA 63, DN 75, DN 110		
Filter intake surface	cm ²	200		
Coarse debris displacement, max.	mm	6		
Electronic adjustment		No		
Setup type		Suitable submersed or dry-installed		
Item no.		57091	57092	57093



FILTERS & AERATORS

Filters

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Module filters

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FILTER SYSTEMS: A PERFECT TEAM FOR CLEAR WATER

Every garden owner finds his own way to relax by the pond. The extensive assortment of OASE filters provides you with lots of options to discover what's best for you.

Whether you prefer a garden pond with fish, a larger koi pond or even a swim pond – the water in the pond will be clear, and will remain clear! OASE even gives

you a Clear Water Guarantee (page 226). The prerequisite is that everything must be installed and used as recommended. OASE shows you how easy it is to find the right filter equipment for your individual pond environment: With the underwater filters (page 88) beautiful ponds are created even where space is at a minimum. Small to medium-size ponds, with and



*»More time
to enjoy.«*

ProfiClear Premium

For the most rigorous demands.

With no compromises.

From page 122

without watercourses get the ideal filtration with pressure filters (page 92). However, usually medium-size to large pond pools and koi ponds have bigger filter capacity requirements. OASE flow-through filters (page 98) perfectly meet these requirements. The filter capacity of the OASE filters is further supplemented with UVC clarifiers that significantly

reduce suspended algae and harmful bacteria. Finally, pond aerators supply the water with additional oxygen and provide an ideal pond climate. Complete filter systems are impressive through their ingeniously combined components. Filter pump, filter and UVC clarifier are optimally matched – Your team for clear water!



Filter systems from OASE: Clear water, guaranteed

Every pond imposes individual demands on the filter system. Whether large or small, with or without fish stock – the perfectly matched products from OASE make it easy for you to find the right solution.

A filter system consists of:

- a filter pump to feed the filter
- a pond filter that ensures biological / mechanical cleaning, and
- a UVC clarifier to eliminate suspended algae and reduce pathogens.

Whether an underwater filter, pressure filter, flow-through filter or a module filter is used depends on factors such as; pond type, pond volume and fish stock.

Depending on size, position and condition of the garden or the terrace, the important thing is to identify the correct water design.

Ideally you should plan for an appropriately matched filter system when constructing your pond: For example, a pond filter can also simultaneously feed a watercourse. Our pressure filters, BioPress and FiltoClear, are ideally suited in this regard.

In order to select the optimal filter size, first the right pond volume must be calculated!

Here is a rule of thumb for determining the right number of litres: **Pond volume in m^3 = length x width x depth**

Example: 3 m x 4 m x 1 m = 12 m^3 equals 12,000 litres

The extent of fish stock influences the choice of filter. The more fish that live in the pond, the greater the nutrient input, and thus the more powerful the filter should be.

Tip!

*Filter systems with Clear Water Guarantee
For every body of water – from a garden
pond with or without fish, ecological biotope
or water pool in a modern design – at OASE
there is an optimal filter. With Clear Water
Guarantee! Additional information is on
page 226 or at:*

www.oase-livingwater.com



OASE makes it easy:

*With the special rotary chart developed by OASE
the components necessary for each individual
pond can be easily put together: Learn about
the OASE filter systems in a discussion with
your personal advisor.*

*At www.oase-livingwater.com you will find the
OASE stockist in your area.*



OASE FILTER SYSTEMS AT A GLANCE

This brief overview shows you the four
filter categories and briefly explains the
main features of the respective system.

UNDERWATER FILTERS (Page 88)

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

Suitable for:

- Decorative pools such as galvanised troughs or wine barrels
- Pre-fabricated pools up to 5,000 litres
- Small ponds
- As supplemental filter element with fountain



Filtral UVC 5000 (START) Filtral UVC 2500 (START)

PRESSURE FILTERS (starting on page 92)

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

Suitable for:

- Medium-sized ponds up to 30 m³
- Direct infeed of watercourses or fountains
- Architectural pools without visible technology



BioPress Set 6000 (START)

FiltoClear Set 12000 (PRO)

FLOW-THROUGH FILTERS (starting on page 98)

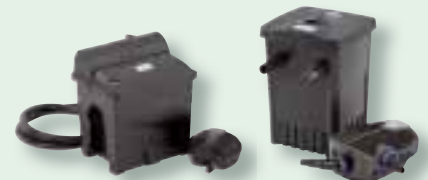
Flow-through filters are used for
medium-sized to large ponds or koi
ponds. They stand above the water
surface at the edge of the pond or
above a watercourse so that the water
flows back into the pond under gravity

Suitable for:

- Larger ponds up to 140 m³
- Ponds with fish stock
- High circulation capacities



BioTec ScreenMatic Set 40000



BioSmart Set 5000 (START)

FiltoMatic CWS Set 7000 (PRO)

MODULE FILTERS (starting on page 116)

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

Suitable for:

- Large ponds, swim ponds, koi ponds and lakes



ProfiClear Premium

Filter comparison

Important note

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



Ponds with plants, without fish stock



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



Ponds with plants and fish stock up to 1–3 kg/1000 l (koi ponds)



Underwater filter Filtral UVC



Pressure filter FiltoClear Set

Sets	Underwater filters	UVC power	Filter & watercourse pump	+ Aerators (accessories)	Suitable for pond volume in m ³			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 2500	(Filter integrated)	7 W (UVC integrated)	(Pump integrated)	–	2.5	1.3	–	50446	50447
Filtral UVC 5000	(Filter integrated)	11 W (UVC integrated)	(Pump integrated)	–	5.0	2.5	–	57379	50090
Clear Water Guarantee* ^c as specified by Secchi to a visual depth of 1 m.									

Sets	Pressure filters	UVC power	Filter & watercourse pump	+ Aerators (accessories)	Suitable for pond volume in m ³			Item no.	Item no. (GB-Version)
Table explanations: In the marked rows you will find the complete filter sets. The other groupings are additional possible combinations for different requirements and pond sizes.									
BioPress									
Set 4000	BioPress 4000	7 W (UVC integrated)	FP 1500	–	4	2	1	50499	50504
Set 6000	BioPress 6000	9 W (UVC integrated)	FP 2500	–	6	3	1.5	50453	50454
Set 10000	BioPress 10000	14 W (UVC integrated)	FP 3500	–	10	5	2.5	50455	50457
The following were considered for the BioPress Sets: 5 m 1" hose and a delivery head of max. 0.5 m									
FiltoClear									
	FiltoClear 3000	9 W (UVC integrated)	AquaMax Eco Classic 2500	–	1.5	0.75	–		
				+ OxyTex CWS Set 400	1.7	1	–		
Set 3000	FiltoClear 3000	9 W (UVC integrated)	AquaMax Eco Premium 4000	–	3	1.5	–	50864	50869
				+ OxyTex CWS Set 400	3.5	1.8	–		
	FiltoClear 6000	11 W (UVC integrated)	AquaMax Eco Premium 4000	–	4	2	–		
				+ OxyTex CWS Set 400	4.5	2.5	–		
Set 6000	FiltoClear 6000	11 W (UVC integrated)	AquaMax Eco Premium 6000	–	6	3	–	50867	50871
				+ OxyTex CWS Set 400	7	3.5	–		
	FiltoClear 12000	18 W (UVC integrated)	AquaMax Eco Premium 4000	–	6	3	1.5		
				+ OxyTex CWS Set 1000	7	3.5	1.5		
	FiltoClear 12000	18 W (UVC integrated)	AquaMax Eco Premium 6000	–	8	4	2		
				+ OxyTex CWS Set 1000	10	5	2.5		
Set 12000	FiltoClear 12000	18 W (UVC integrated)	AquaMax Eco Premium 8000	–	12	6	3	51250	50874
				+ OxyTex CWS Set 1000	14	7	3.5		
	FiltoClear 16000	24 W (UVC integrated)	AquaMax Eco Premium 6000	–	9	5	2.5		
				+ OxyTex CWS Set 1000	10	5	2.5		
	FiltoClear 16000	24 W (UVC integrated)	AquaMax Eco Premium 8000	–	12	6	3		
				+ OxyTex CWS Set 1000	15	8	4		
Set 16000	FiltoClear 16000	24 W (UVC integrated)	AquaMax Eco Premium 10000	–	16	8	4	51253	50879
				+ OxyTex CWS Set 1000	19	9.5	5		
	FiltoClear 20000	36 W (UVC integrated)	AquaMax Eco Premium 10000	–	18	9	4.5		
				+ OxyTex CWS Set 2000	22	11	5.5		
Set 20000	FiltoClear 20000	36 W (UVC integrated)	AquaMax Eco Premium 12000	–	20	10	5	50877	50881
				+ OxyTex CWS Set 2000	25	12.5	6		
	FiltoClear 30000	55 W (UVC integrated)	AquaMax Eco Premium 12000	–	26	13	6.5		
				+ OxyTex CWS Set 2000	32	16	8		
Set 30000	FiltoClear 30000	55 W (UVC integrated)	AquaMax Eco Premium 16000	–	30	15	7.5	50885	50888
				+ OxyTex CWS Set 2000	36	18	9		

For the pond size specifications cited above (FiltoClear/Sets) 1 m delivery head and 5 m 1 ½" hose were taken into consideration. Larger pumps should be used for longer hose lengths and/or greater delivery heads. Clear Water Guarantee*^c in accordance with a Secchi light penetration depth of 1 m. Please note that in case of extreme temperature fluctuations, friction losses for hose lines longer than 5 m or direct sunlight due to the position of the pond (south facing) more intensive planning is required.

PROFICLEAR PREMIUM

- Perfect for koi ponds, swim ponds and other large bodies of water
- New generation of module filters for professional water quality
- Intelligent self-cleaning and self-control system

All details starting on page 116



Flow-through filter BioSmart



Flow-through filter FiltoMatic CWS

Sets	Flow-through filters	UVC clarifier UVC power	Filter & watercourse pump	+ Aerators (accessories)	Suitable for pond volume in m ³			Item no.	Item no. (GB-Version)
Table explanations: In the marked rows you will find the complete filter sets. The other groupings are additional possible combinations for different requirements and pond sizes.									

BioSmart									
Set 5000	BioSmart 5000	7 W (UVC integrated)	FP 1500	–	5	2.5	1.3	50525	–
Set 7000	BioSmart 7000	9 W (UVC integrated)	FP 2500	–	7	3.5	1.7	50449	50450
Set 14000	BioSmart 14000	11 W (UVC integrated)	FP 3500	–	14	7	3.5	50451	50452
	BioSmart UVC 16000	11 W (UVC integrated)	AquaMax Eco Classic 2500	–	8	4	2		
	BioSmart UVC 16000	11 W (UVC integrated)	AquaMax Eco Classic 3500	–	12	6	3		
	BioSmart UVC 16000	11 W (UVC integrated)	AquaMax Eco Classic 5500	–	16	8	4		
	BioSmart 30000	Bitron C 24 W	AquaMax Eco Classic 3500	–	14	7	3.5		
	BioSmart 30000	Bitron C 24 W	AquaMax Eco Classic 5500	–	20	10	5		
	BioSmart 30000	Bitron C 36 W	AquaMax Eco Classic 5500	–	24	12	6		
Set 20000	BioSmart 20000	18 W (UVC integrated)	AquaMax Eco Classic 5500	–	20	10	5	51238	50953
Set 30000	BioSmart 30000	36 W (UVC integrated)	AquaMax Eco Classic 8500	–	30	15	7.5	51240	50954

The following were taken into consideration for the BioSmart Sets 5000 / 7000 / 14000 / 16000: 3 m 3/4" hose and a delivery head of max. 0.5 m
The following were taken into consideration for the BioSmart Sets 20000 / 30000 were: 5 m 1 1/2" hose and a delivery head of max. 0.5 m

FiltoMatic									
CWS Set 7000	FiltoMatic CWS 7000	11 W (UVC integrated)	AquaMax Eco Premium 4000	–	7	3.5	1.8	50865	50868
				+ OxyTex CWS Set 400	8.5	4.5	2.3		
CWS Set 14000	FiltoMatic CWS 14000	24 W (UVC integrated)	AquaMax Eco Premium 6000	–	14	7	3.5	50866	50870
				+ OxyTex CWS Set 1000	17	8.5	4.5		
CWS Set 25000	FiltoMatic CWS 25000	24 W (UVC integrated)	AquaMax Eco Premium 8000	–	25	12.5	7	50872	50873
				+ OxyTex CWS Set 2000	31	15.5	8.5		

Delivery heads ranging from 0 to 1.2 m and hose length of 5 m with a hose diameter of 1 1/2" were taken into consideration for the pond size information cited above (FiltoMatic CWS).
Larger pumps should be used for longer hose lengths and/or greater delivery heads. Clear Water Guarantee[™] as specified by Secchi to a visual depth of 1 m.

BioTec									
	BioTec ScreenMatic 12	Bitron C 36 W	AquaMax Eco Premium 6000 / 12 V	–	20	10	5		
	BioTec ScreenMatic 12	Bitron C 36 W	AquaMax Eco Premium 8000	–	28	14	7		
	BioTec ScreenMatic 12	Bitron C 36 W	AquaMax Eco Premium 10000	–	30	15	8		
BioTec ScreenMatic Set 40000	BioTec ScreenMatic 12	Bitron C 36 W	AquaMax Eco Premium 12000	–	40	20	10	50875	50878
	BioTec ScreenMatic 18	Bitron C 55 W	AquaMax Eco Premium 6000 / 12 V	–	24	12	6		
	BioTec ScreenMatic 18	Bitron C 55 W	AquaMax Eco Premium 8000	–	32	16	8		
	BioTec ScreenMatic 18	Bitron C 55 W	AquaMax Eco Premium 10000	–	36	18	9		
	BioTec ScreenMatic 18	Bitron C 55 W	AquaMax Eco Premium 12000 / 12V	–	44	22	11		
BioTec ScreenMatic Set 54000	BioTec ScreenMatic 18	Bitron C 55 W	AquaMax Eco Premium 16000	–	54	27	14	50882	50887
	BioTec 30	Bitron C 72 W	AquaMax Eco Premium 12000 / 12V	–	50	25	13		
	BioTec 30	Bitron C 72 W	AquaMax Eco Premium 16000	–	65	32	16		
	BioTec 30	Bitron C 72 W	AquaMax Eco Twin 20000	–	70	35	18		
	BioTec 30	Bitron C 72 W	AquaMax Eco Twin 30000	–	100	50	25		
	BioTec 30	Bitron C 110 W	AquaMax Eco Premium 12000 / 12V	–	68	34	17		
	BioTec 30	Bitron C 110 W	AquaMax Eco Premium 16000	–	90	45	22		
	BioTec 30	Bitron C 110 W	AquaMax Eco Twin 20000	–	100	50	25		
	BioTec 30	Bitron C 110 W	AquaMax Eco Twin 30000	–	120	60	30		
	BioTec ScreenMatic 36	Bitron C 110 W	AquaMax Eco Premium 12000 / 12V	–	80	40	20		
	BioTec ScreenMatic 36	Bitron C 110 W	AquaMax Eco Premium 16000	–	110	55	25		
	BioTec ScreenMatic 36	Bitron C 110 W	AquaMax Eco Twin 20000	–	120	60	30		
	BioTec ScreenMatic 36	Bitron C 110 W	AquaMax Eco Twin 30000	–	140	70	35		

For the pond size specifications cited above (BioTec) 1 m delivery head and 5 m 1 1/2" hose were taken into consideration. Larger pumps should be used for longer hose lengths and/or greater delivery heads. Clear Water Guarantee[™] in accordance with a Secchi light penetration depth of 1 m. Please note that in case of extreme temperature fluctuations, friction losses for hose lines longer than 5 m or direct sunlight due to the position of the pond (south facing) more intensive planning is required.

Pressure filters: Invisible helpers

As opposed to flow-through filters, pressure filters route the pump pressure through the filter. In this closed system they are primarily used for higher elevated watercourses to a height of 1.50 m and architectural pools. Here they can be recessed into the ground, even below the water surface and do not impair the natural look of the garden.

An additional advantage offered by the pressure filter is its convenient operation and cleaning, without having to be opened. The filter capacity is perfectly supplemented by a UVC clarifier that is located in the cover of the filter. Perfect performance every time!



Advisor



The filter that is fed by the pump is **CONCEALED IN THE GROUND**. If needed the water can be routed to higher positioned watercourses.

PRESSURE FILTERS



BIOPRESS SETS Different filter materials ensure optimal filter biology. The cleaning function integrated in the cover enables easy maintenance. A UVC clarifier is integrated. Available as a set with pump and hose.



FILTOCLEAR A multi-port valve facilitates cleaning and flushing out. A UVC clarifier is integrated. Its functional capacity can be visually checked via an indicator light. Also available as a set with matching pump.

Tip!

For small ponds and decorative pools (e.g. a wine barrel or a galvanised trough) up to 5,000 litres, the underwater filter, Filtral is the optimal compact solution, consisting of filter, UVC and fountain. Additional information on these filters is provided on page 88.





Schematic diagram: Underwater filter Filtral UVC inserted in a pond

FILTRAL UVC *C

Underwater filter with UVC and fountain



- Suitable for ponds and pre-formed pools up to 5 m³
- A multi-talent with filter function and fountain
- Including OASE Clear Water Guarantee*^C
- Compact filter unit with UVC technology and 4 different filter materials
- Pump is already integrated for attractive fountains
- Telescopic extension for adapting the nozzle to the pond surface
- Adjustable T-piece for operating spouts and small watercourses
- Individual adjustment of flow rate and fountain height
- Setup completely under water – the appearance of the pond remains undisturbed
- Visual function check of the UVC clarifier
- Included in the scope of delivery: 3 fountain attachments for different water patterns

PRODUCT DETAILS



Filter media and UVC

Two different filter sponges, as well as bio-surface elements and filter pebbles ensure mechanical and biological cleaning. 7/11 watt UVC power for clear and healthy water.



Bio-cores and filter pebbles

The filter pebbles in the net bag and the bio-surface elements offer adequate settling surface for the micro-organisms.



Vulkan		Lava		Magma		
Ø cm	H cm	Ø cm	H cm	Ø cm	H cm	
55	60	20	–	50	60	Filtral UVC 2500
100	100	40	–	100	100	Filtral UVC 5000

TECHNICAL DATA

		Filtral UVC 2500	Filtral UVC 5000
Dimensions (L x W x H)	mm	247 x 183 x 160	380 x 290 x 160
Rated voltage		230 V / 50 Hz	
Power consumption	W	20	35
Power cable length	m	10.00	
Net weight	kg	3.18	4.96
Guarantee*G	Years	2	
UVC power	W	7	11
Pump capacity max.	l/h	1000	2500
Max. flow rate	l/h	600	1100
Meter water column max.	m	1.30	2.30
Filter intake surface	cm²	232	564
Quantity filter foams blue	Unit	1	
Quantity filter foams black	Unit	1	
Qty. Bio-surface elements	Unit	2	
Special filter granulate	kg	0.20	0.40
Connection, pressure-side		½"	
Suitable for ponds up to max.	m³	2.5	5.0
Suitable for ponds with fish stock	m³	1.3	2.5
Not available in GB !			
Item no.		50446	57379

Extras

Top 3 product characteristics

- Multifunctional compact solution for preformed / pools and smaller ponds up to 5 m³
- Guaranteed clear water and beautiful fountains
- Can be set up virtually invisibly in the pond

Recommendation

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

Accessories

Tradux

Wall and liner transition for installing either cables or hoses underwater.

Item no. 57154 (Page 211)



Replacement bulb UVC 7 W

Spare bulb for the integrated UVC unit in the Filtral UVC 2500.

Item no. 57111 (Page 213)

Replacement bulb UVC 11 W

Spare bulb for the integrated UVC unit in the Filtral UVC 5000.

Item no. 56112 (Page 213)



Replacement filter set Filtral UVC 2500

Consisting of filter sponges, bio-surface elements and filter pebbles.

Item no. 13705 (Page 213)

Replacement filter set Filtral UVC 5000

Item no. 35836 (Page 213)





Schematic representation: Underwater filter Filtral UVC (GB-Version) inserted in a pond

FILTRAL UVC



(EXCLUSIVELY AVAILABLE IN GB)

Underwater filter with UVC for small ponds



START

- Suitable for ponds up to 9,000 litres
- Compact filter unit with integrated UVC technology for guaranteed clear water
- Contains 4 different filter materials
- Supplied with 90 degree bend and stepped hoesetail for feeding a small watercourse or water feature
- Setup completely under water – the appearance of the pond remains undisturbed
- Visual function check
- Can be operated with the additional Filtral Nozzle Kit (50089) to create a fountain effect

PRODUCT DETAILS



Filter media and UVC

Two different filter sponges, as well as bio-surface elements and filter pebbles ensure mechanical and biological cleaning. 7/11 watt UVC power for clear and healthy water.



Bio-cores and filter pebbles

The filter pebbles in the net bag and the bio-surface elements offer adequate settling surface for the micro-organisms.



Integrated UVC unit

7/9 or 11 watt for clear and healthy water.



Coarse particle strainer

Coarse particles of up to 8 mm in size are taken out by the strainer.

TECHNICAL DATA

		Filtral UVC 3000	Filtral UVC 6000	Filtral UVC 9000
Dimensions (L x W x H)	mm	250 x 185 x 160	380 x 290 x 160	380 x 290 x 160
Rated voltage		230 V / 50 Hz		
Power consumption	W	20	38	40
Power cable length	m	10.00		
Net weight	kg	3.30	4.50	4.50
Guarantee*G	Years	2		
UVC power	W	7	9	11
Pump capacity max.	l/h	1000	2500	2500
Max. flow rate	l/h	600	1100	1100
Meter water column max.	m	1.30	2.30	2.30
Filter intake surface	cm ²	232	564	564
Quantity filter foams blue	Unit	1		
Quantity filter foams black	Unit	1		
Qty. Bio-surface elements	Unit	2	8	8
Special filter granulate	kg	0.2	0.4	0.4
Connection, pressure-side		½", ¾", 1"		
Suitable for ponds up to max.	m ³	3.0	6.0	9.0
Suitable for ponds with fish stock	m ³	1.5	3.0	4.5
Exclusively available in GB !				
Item no. (GB-Version only)		51232	51233	51235

Extras

Top 3 product characteristics

- Multifunctional compact solution for pre-fabricated pools and smaller ponds
- Clear water, guaranteed
- Can be set up virtually »invisibly« in the pond

Recommendation

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

Accessories

Tradux

Wall and liner transition for installing either cables or hoses underwater.

Item no. 57154 (Page 211)



Replacement bulb UVC 7 W

Spare bulb for the integrated UVC unit in the Filtral UVC 2500.

Item no. 57111 (Page 213)

Replacement bulb UVC 11 W

Spare bulb for the integrated UVC unit in the Filtral UVC 5000.

Item no. 56112 (Page 213)



Replacement filter set Filtral UVC 2500

Consisting of filter sponges, bio-surface elements and filter pebbles.

Item no. 13705 (Page 213)

Replacement filter set Filtral UVC 5000

Item no. 35836 (Page 213)





Schematic diagram: Pressure filter in combination with filter and watercourse pump

BIOPRESS SETS

Entry-level pressure filter with UVC and filter pump

BioPress Set 4000



- Suitable for ponds up to 10 m³
- Combination of mechanical biological cleaning and effective UVC technology
- Including OASE Clear Water Guarantee*^C
- Ideal for feeding higher elevated watercourses
- Patented cleaning function, integrated in the cover facilitates cleaning of the filter
- Quick-release for convenient opening and closing of the filter
- It can be buried for almost invisible integration in the water garden
- With all hose connections for fast and trouble-free installation

From BioPress Set 6000

- Different filter materials for optimal settlement of filter biology

BioPress Set 4000

- Included in the scope of delivery: 4.5 m ¾" hose and OASE filter pump 1500: 25 W; 1,500 l/h Qmax; 1.9 m Hmax

BioPress Set 6000

- Included in the scope of delivery: 5 m 1" hose and OASE filter pump 2500: 40 W; 2,500 l/h Qmax; 2.2 m Hmax

BioPress Set 10000

- Included in the scope of delivery: 5 m 1" hose and OASE filter pump 3500: 70 W; 3,400 l/h Qmax; 2.7 m Hmax



START

PRODUCT DETAILS



Cleaning handle
Easy cleaning via the cleaning function integrated in the cover.



Quick-release
For easy opening and closing of the filter when performing maintenance tasks.



Integrated UVC unit
The UVC unit integrated in the cover ensures fast elimination of algae and reduction in pathogens in the pond water.



Filter materials
In addition to the filter foams, bio filter surfaces with the specially-developed flow control offer supplemental settlement surface for filter organisms. They are able to move freely in the water flow. (only BioPress 6000/10000).

TECHNICAL DATA

		BioPress Set 4000	BioPress Set 6000	BioPress Set 10000
Dimensions (Ø x H)	mm	225 x 335	350 x 450	350 x 570
Rated voltage		230 V / 50 Hz		
Power consumption UVC	W	11	12	14
Power consumption pump	W	25	40	75
Power cable length UVC	m	3.00		
Power cable length pump	m	10.00		
Net weight	kg	5.22	8.24	9.66
Guarantee*G	Years	2		
UVC power	W	7	9	11
Quantity filter foams blue	Unit	1	2	
Quantity filter foams black	Unit	2	1	2
Qty. Bio-surface elements	Unit	–	20	30
Pollutant level indicator		Yes		
Connections, inlet		¾", 1", 1¼", 1½"		
Connections, outlet		¾", 1", 1¼", 1½"		
Max. operating pressure	bar	0.20		
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*	m³	1.0	1.5	2.5
Item no. (GB-Version)		50504	50454	50457
Item no.		50499	50453	50455



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

Extras

Top 3 product characteristics

- Clear water guaranteed through the ideal combination of filter, pump and UVC technology
- Easy cleaning via the cleaning function integrated in the cover
- The filter can be buried to the cover for perfect integration in the environment

Recommendation

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

Accessories

Replacement bulb UVC 7 W
for BioPress Set 4000
Item no. 57111 (Page 213)

Replacement bulb UVC 9 W
for BioPress Set 6000
Item no. 54984 (Page 213)

Replacement bulb UVC 11 W
for BioPress Set 10000
Item no. 56112 (Page 213)

Replacement foam set
BioPress Set 4000
Item no. 15558 (Page 213)

Replacement foam set
BioPress Set 6000/10000
Item no. 15564 (Page 213)

AquaActiv BioKick CWS
200 ml

To achieve the optimal filter effect »treatment« with OASE BioKick CWS FILTER STARTER is recommended. This should be added each time the filter is placed in service (e.g. spring).
Item no. 50295 (Page 169)





Extras

Top 3 product characteristics

- Clear water guaranteed through the ideal combination of filter, pump and UVC technology
- Convenient cleaning thanks to patented Easy-Clean-Technology
- Almost invisible integration in the environment

Recommendation

Fountains or watercourses should have a maximum height differential of 1.5 m relative to the filter.

Schematic diagram: Pressure filter FiltoClear in combination with filter and watercourse pump

FILTOCLEAR *C

Pressure filter with UVC and patented cleaning function

- Suitable for ponds up to 30 m³
- Combination of mechanical biological cleaning and effective UVC technology
- Including OASE Clear Water Guarantee*^C
- Ideal for supplying higher elevated watercourses or waterfalls
- Setup below the surface level of the water is also possible
- Patented Easy-Clean-Technology for easy and convenient cleaning without opening the filter
- Easy-to-operate waste outlet function
- UVC indicator light for monitoring of the UVC clarifier
- Pollutant level indicator and flow-through indicator
- All function-regulating parts are arranged so that they are easily accessible in the cover
- Through burying or covering with a decorative rock cover it can be perfectly integrated in the water garden
- Perfectly suited for architectural pools thanks to virtually invisible technology
- Optimal ratio of device dimensions and biological-mechanical cleaning capacity thanks to the compact design
- High-quality, impact-resistant material
- New: FiltoClear 12000 and 16000 with improved UVC performance and filter performance compared to the predecessor model
- New: From FiltoClear 16000, up to 25 % larger filter surface compared to the predecessor model



Starting with FiltoClear 12000

- Incl. UVC clear rinse function
- Incl. 2" hose connection

PRODUCT DETAILS



1. Multi-port valve: »Filter« setting

The UVC clarifier eliminates algae and reduces pathogens. Then the »treated« water flows through the fine mechanical and large-pored biological filter elements of the filter unit that decompose the pollutants and clarify the water.



2. Multi-port valve: »Clean« setting

Turning the rotary switch activates the cleaning function. Then move the cleaning lever up and down to »squeeze out« the filter elements. Simultaneously clean water flows into the filter and forces the polluted water out of the unit. Then you simply return the switch to the filter position.

Accessories

Replacement bulbs

UVC 9 W	Item no. 54984	(Page 213)
UVC 11 W	Item no. 56112	(Page 213)
UVC 18 W	Item no. 56236	(Page 213)
UVC 24 W	Item no. 56237	(Page 213)
UVC 36 W	Item no. 55432	(Page 213)
UVC 55 W	Item no. 56636	(Page 213)

Replacement foam sets

FiltoClear 3000	Item no. 56109	(Page 213)
FiltoClear 6000	Item no. 56110	(Page 213)
FiltoClear 12000	Item no. 51255	(Page 213)
FiltoClear 16000	Item no. 51258	(Page 213)
FiltoClear 20000/30000	Item no. 51290	(Page 213)

FiltoCap sand

Decorative rock cover suitable for all BioPress and FiltoClear filters.

Item no. 50420 (Page 222)



AquaActiv BioKick CWS 200 ml

To achieve the optimal filter effect »treatment« with OASE BioKick CWS FILTER STARTER is recommended. This should be added each time the filter is placed in service (e.g. spring).

Item no. 50295 (Page 169)



TECHNICAL DATA

Matching filters and filter systems on page 68

		FiltoClear 3000	FiltoClear 6000	NEW FiltoClear 12000	NEW 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	
Rated voltage		230 V / 50 Hz			220 – 240 V / 50/60 Hz		
Power consumption	W	14	15	18	24	36	55
Power cable length	m	5.00					
Net weight	kg	5.58	6.18	6.90	7.60	8.50	
Guarantee* ^{CG} (+ request guarantee)	Years	2 + 1					
UVC power	W	9	11	18	24	36	55
Quantity filter foams blue	Unit	2	3		4	5	
Quantity filter foams red	Unit	1	3	2	3	4	
Pollutant level indicator		Yes					
Connections, inlet		¾", 1", 1¼", 1½"			1½", 2"		
Connections, outlet		¾", 1", 1¼", 1½"			1½", 2"		
Connections, pollutant discharge		¾", 1", 1¼", 1½"			1½", 2"		
Pump capacity max.	l/h	4000	6000	8000	10000	16000	
Max. operating pressure	bar	0.20					
Suitable for ponds up to max.	m³	3.0	6.0	12.0	16.0	20.0	30.0
Suitable for ponds with fish stock	m³	1.5	3.0	6.0	8.0	10.0	15.0
Suitable for ponds with koi*	m³	–	1.5	3.0	4.0	5.0	7.5
Item no. (GB-Version)		56051	56052	56053	56826	50580	50581
Item no.		55997	55998	51244	51247	50576	50577



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



Extras



Top 3 product characteristics

- Clear water guaranteed through the ideal combination of filter, pump and UVC technology
- Optimally matched sets
- Attractive price advantage over separate purchase of the individual components

Recommendation

With the matching FiltoCap the OASE pressure filters can be recessed into the ground and inconspicuously integrated in the garden landscape. The filter capacity of the entire set can be further increased through connection of the innovative OxyTex CWS Set.

Schematic diagram: Pressure filter FiltoClear in combination with filter and watercourse pump

FILTOCLEAR SETS



Pressure filter systems with UVC and filter pump



- Suitable for ponds up to 30 m³
- Ready to connect complete filter set
- Perfect combination of FiltoClear pressure filter with integrated UVC clarifier and matching filter pump
- Including OASE Clear Water Guarantee*^C
- Ideal for supplying higher elevated watercourses or waterfalls
- Incl. AquaMax Eco Premium filter and watercourse pump with extremely energy-efficient performance
- Pressure filter with convenient, patented cleaning function (Easy-Clean-Technology), pollutant level indicator and flow control
- Through burying or covering with a decorative rock cover, it can be perfectly integrated in the water garden

Your advantages with the set:

- Optimally matched components
- Naturally with Clear Water Guarantee*^c
- Attractive price advantage over separate purchase of the individual components!
- 100 ml Biokick CWS FREE!

Save with complete filter sets!

SELECTION TABLE – PRESSURE FILTER SYSTEMS FILTOCLEAR

Sets	Pressure filters	UVC power	Filter & watercourse pump	+ Aerator (accessory)	Suitable for pond volume in m ³			Item no.	Item no. (GB-Version)
Table explanations: In the marked rows you will find the complete FiltoClear Sets. The other groupings are additional possible combinations for different requirements and pond sizes and can be ordered individually.									
	FiltoClear 3000	9 W (UVC integrated)	AquaMax Eco Classic 2500	–	1.5	0.75	–		
				+ OxyTex CWS Set 400	1.7	1	–		
Set 3000	FiltoClear 3000	9 W (UVC integrated)	AquaMax Eco Premium 4000	–	3	1.5	–	50864	50869
			Optionally can be used to increase filter capacity	+ OxyTex CWS Set 400	3.5	1.8	–		
	FiltoClear 6000	11 W (UVC integrated)	AquaMax Eco Premium 4000	–	4	2	–		
			Optionally can be used to increase filter capacity	+ OxyTex CWS Set 400	4.5	2.5	–		
Set 6000	FiltoClear 6000	11 W (UVC integrated)	AquaMax Eco Premium 6000	–	6	3	–	50867	50871
			Optionally can be used to increase filter capacity	+ OxyTex CWS Set 400	7	3.5	–		
	FiltoClear 12000	18 W (UVC integrated)	AquaMax Eco Premium 4000	–	6	3	1.5		
			Optionally can be used to increase filter capacity	+ OxyTex CWS Set 1000	7	3.5	1.5		
NEW	FiltoClear 12000	18 W (UVC integrated)	AquaMax Eco Premium 6000	–	8	4	2		
			Optionally can be used to increase filter capacity	+ OxyTex CWS Set 1000	10	5	2.5		
Set 12000	FiltoClear 12000	18 W (UVC integrated)	AquaMax Eco Premium 8000	–	12	6	3	51250	51252
			Optionally can be used to increase filter capacity	+ OxyTex CWS Set 1000	14	7	3.5		
	FiltoClear 16000	24 W (UVC integrated)	AquaMax Eco Premium 6000	–	9	5	2.5		
			Optionally can be used to increase filter capacity	+ OxyTex CWS Set 1000	10	5	2.5		
NEW	FiltoClear 16000	24 W (UVC integrated)	AquaMax Eco Premium 8000	–	12	6	3		
			Optionally can be used to increase filter capacity	+ OxyTex CWS Set 1000	15	8	4		
Set 16000	FiltoClear 16000	24 W (UVC integrated)	AquaMax Eco Premium 10000	–	16	8	4	51253	51254
			Optionally can be used to increase filter capacity	+ OxyTex CWS Set 1000	19	9.5	5		
	FiltoClear 20000	36 W (UVC integrated)	AquaMax Eco Premium 10000	–	18	9	4.5		
			Optionally can be used to increase filter capacity	+ OxyTex CWS Set 2000	22	11	5.5		
Set 20000	FiltoClear 20000	36 W (UVC integrated)	AquaMax Eco Premium 12000	–	20	10	5	50877	51239
			Optionally can be used to increase filter capacity	+ OxyTex CWS Set 2000	25	12.5	6		
	FiltoClear 30000	55 W (UVC integrated)	AquaMax Eco Premium 12000	–	26	13	6.5		
			Optionally can be used to increase filter capacity	+ OxyTex CWS Set 2000	32	16	8		
Set 30000	FiltoClear 30000	55 W (UVC integrated)	AquaMax Eco Premium 16000	–	30	15	7.5	50885	51241
				+ OxyTex CWS Set 2000	36	18	9		

For the pond size specifications cited above (FiltoClear/Sets) 1 m delivery head and 5 m 1 ½" hose were taken into consideration. Larger pumps should be used for longer hose lengths and / or greater delivery heads. Clear Water Guarantee*^c in accordance with a Secchi light penetration depth of 1 m. Please note that in case of extreme temperature fluctuations, friction losses for hose lines longer than 5 m or direct sunlight due to the position of the pond (south facing), more intensive planning is required.

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



Ponds with plants, without fish stock



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



Ponds with plants and fish stock to 1 – 3 kg/1000 l (koi ponds)

Flow-through filters: The effortless path to clear water

A flow-through filter is fed by the pump in the water. The filter is the highest point in this cleaning cycle; from this point the water then flows back into the pond. Foam elements clean the water in the interior of the filter; over time these foam elements also become the home of industrious microorganisms. The advantage of flow-through filters: They are easy to reach,

they are above ground. Cleaning and maintenance are quickly executed. In this area there are many innovative products in the OASE product range. Systems with self-cleaning function, such as the FiltoMatic CWS or the ScreenMatic prefilter spare you endless hours of pond cleaning. You will have more time to enjoy your garden!





FLOW-THROUGH FILTERS are installed for medium-sized to large ponds or small koi ponds. They stand above the water surface at the edge of the pond or above a watercourse so that the water flows back into the pond under gravity.

FLOW-THROUGH FILTERS

BIOSMART The combination of filter foam and integrated UVC clarifier ensures ideal filter capacities. Thanks to a sludge drain it is easy to clean and it is the ideal entry model.



FILTOMATIC CWS The self-cleaning filter controls the integrated sludge pump and UVC clarifier as needed. More detailed information on the Clear Water System is provided on pages 106 / 107.



BIOTEC SCREENMATIC Particularly low maintenance effort thanks to automatic Screenmatic coarse debris extraction.



BioTec 30 Offers microorganisms a particularly large settlement surface area. The low-maintenance multi-zone filter system cleans ponds of up to 120,000 litres. Ideally combined with either the Bitron C 72 W or Bitron C 110 W UVC clarifier.



Tip!

OASE Filter Sets – complete solutions with perfectly matched components.

BIOSMART SETS
incl. pump, UVC and hose



FILTOMATIC CWS SETS
incl. pump, UVC



BIOtec SCREENMATIC SETS
incl. pump, UVC





Schematic diagram: BioSmart UVC 16000 in combination with filter and watercourse pump AquaMax Eco Classic



Schematic diagram: BioSmart 30000 in combination with filter and watercourse pump AquaMax Eco Classic



BIOSMART



Ideal flow-through filter for beginners

BioSmart UVC 16000



BioSmart 30000



START

- Suitable for ponds up to 30 m³
- Additional oxygen enrichment through special water channeling
- Cleaning handles for convenient maintenance
- Including displays for pollutant level and water temperature
- Sludge drain for easy removal of coarse debris
- Filter can be buried to 1/3 of its height
- Optimally matched to the OASE AquaMax filter and watercourse pumps (from page 66)

BioSmart UVC 16000

- Guaranteed clear water through the combination of mechanical-biological cleaning with effective UVC technology

BioSmart 30000

- Can be optimally combined with the Bitron C 24 W and 36 W UVC clarifiers