

Oase:

LIVING WATER



2007/08
LAKE MANAGEMENT

Oase:

LIVING WATER



Water habitat

Since time immemorial water has exerted a natural force of attraction on us human beings. Lakes, rivers, and waterfalls cast their spell and offer space for rejuvenation and relaxation. A long walk along the shore of a nearby lake, or a plunge into the invigorating coolness of a lake, river, pond, or pool, on a hot summer day are experiences that increase our sense of wellbeing and bring us closer to nature.



As a shaping element in architecture and design or as aesthetic enrichment of our parks – a cultivated body of water ensures an appealing external effect and serves as a fundamental component of modern landscape architecture.

Golf course owners in particular are aware of the attractiveness of a cultivated lake landscape and have special requirements relative to water quality, decoration, and illumination.

Discover a whole world of possibilities with OASE – with our worldwide leading know-how we would be pleased to help you make your dreams a reality.

Bernd Wallmeier
Director Lake Management

PROFESSIONAL LAKE MANAGEMENT

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FASCINATING PERSPECTIVES DESIGNING WITH WATER

THE MAINTENANCE, CARE AND STAGING of natural and cultivated bodies of water is the central task of OASE Lake Management.

For decades the name OASE has stood for creative design with the element water. Our tailored product systems satisfy the most rigorous quality specifications and thus ensure peerless water quality – with low maintenance and energy requirements. Wherever people use bodies of water intensively we help nature to regenerate itself, and thus enable sustainable, good water quality.

Innovative products for creative design complete the overall picture of the water landscape.

More
products
of this type
starting on
page 14

OASE offers professional solutions for designing bodies of water of all types:

- Bodies of water on golf courses
- Fish hatcheries
- Bodies of water in zoos
- Natural ponds and lakes
- Swim ponds
- Architectural bodies of water





THE OASE WATERKEEPER® SYSTEM PROPER LAKE MANAGEMENT

GOLF – THE SPORTING EXPERIENCE in a natural environment casts its spell on an ever-increasing number of people. Idyllic golf course architecture with challenging obstacles, such as watercourses and lakes, offers the ideal prerequisite for sport and excitement.

More
products
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The beauty of a golf course is shaped by water. As an oasis of tranquillity a beautiful lake is an invitation to tarry and excitement reaches a high point when a water hazard must be overcome. Our task is to design and maintain this idyllic element.

The requirements imposed on bodies of water on golf courses are particularly high: They should be clear, have a natural charm, and in many cases serve as watering systems for greens and fairways in dry periods. It is precisely these requirements that comprise our challenge: With our systems we deal with the natural equilibrium of your lake without using

environmentally harmful chemicals – and thus we satisfy a wide range of different requirements; such as whether a lake will be naturally integrated, or equipped with fountains, whether the body of water idyllically enhances the clubhouse, or whether the links will be designed to be a bit more challenging through water hazards.

Thus the water quality is crucial – and it is always a representative advertisement for any country club. Ask our pros!



STEPHAN GANDL

STEPHAN GANDL RECOMMENDS THE OASE WATERKEEPER® SYSTEM.

As golf pro and highly regarded expert he competes in many professional tours and is also known for his television appearances.

Stephan Gandl is one of the best trick golfers in the world!

»Professional golf gives me the opportunity to play on a variety of golf courses around the world. Water is present on all golf courses as a hazard, for attractive shaping of the golf course architecture, and as a reservoir for watering the grass. However the quality of the water frequently leaves something to be desired. In this area OASE has developed the perfect, holistic, water management system that cleans water without using environmentally harmful chemicals.«



An elegant swing and perfect technique –

Guarantors of success for the winner of the German PGA championships.

Teeing off from all positions

Amazing trick shots are Stephan Gandl's trademark. His golf show is an example of unbelievable perfection.



OPTIMAL CONDITIONS FOR LIVELY FISH

WHETHER COMMERCIAL FISH
OR ORNAMENTAL FISH –
maintaining large fish stocks in
a confined area is not easy. In
any case the crucial thing is to
offer the animals optimal living
conditions and thus maintain
the value of the
stock.

More
products
of this type
starting on
page 14

Healthy, disease-resistant fish are the capital of every fish hatchery. Fish only develop in accordance with requirements and a healthy stock is only guaranteed if the water quality is outstanding. With a large fish stock however algae growth can increase dramatically due to the high influx of nutrients caused for example by excreta or remnants of food. Frequently the entire stock is at risk due to disease or toxic reactions. Consequently many fish hatchery operators – particularly those with large fish stock – rely on OASE for healthy and lively fish at all times.



CREATE HABITATS – CLEARING THE STAGE FOR MOTHER NATURE

WORLDWIDE THERE ARE 1,800 ZOOS AND ANIMAL PARKS, which are visited by more than 600 million people annually. The challenges they face are clear: To teach about the habitats of flora and fauna and protect endangered species.

More
products
of this type
starting on
page 14

Bodies of water in zoos impose the highest requirements on water quality and cleaning systems, because keeping wild animals in a nearly natural environment requires controlled water. OASE systems support the zoo keeper in maintaining water quality that is appropriate for the respective species. Whether jungle pond or sea lion pool – OASE ensures the ideal repro-

duction of the habitat and the vitality of its inhabitants. Thus zoos and animal parks offer recreation that is just as exciting as it is educational, and they make a valuable contribution to maintaining the variety of species.



CLEAN ENJOYMENT

EXPERIENCE NATURE

SIT AT THE WATER'S EDGE LET YOUR FEET DANGLE IN THE WATER, take a walk along the shore, or enjoy an angler's solitude at sunset:

Natural bodies of water are places of relaxation and rejuvenation.

More products of this type starting on page 14

Nearly natural bodies of water offer refuge from the stress of daily life and relaxation when fishing or participating in water sports. However intensive recreational use brings stress along with it that nature must deal with on her own.

Feeding swans and fish increases the nutrient content of the water, which is hard to break down without additional help. The consequences are algae growth and silt – not a pretty

view in our nearby recreation areas that are so important for wellness and relaxation. The OASE systems help to establish and maintain the natural balance of the water. Thus they enable leisure activities without stress and odour. Whether city park or castle moat – OASE helps keep your body of water attractive.



NATURAL SWIMMING FUN AT HOME

ENJOY RELAXATION

People looking for rejuvenation and swimming enthusiasts both enjoy the natural experience of water. Nearly natural swimming facilities increase wellness and are places of relaxation, exercise, and fun. A natural body of water free of chemicals, does the body and spirit good, without irritating skin and eyes. Whether quiet laps in the morning, children splashing in the afternoon, or a party on a warm summer evening – a swim pond offers many possibilities and it can be integrated in any garden landscape. Sauna enthusiasts appreciate cooling off in invigorating cool water and thus strengthen their immune system. At campgrounds or in hotel facilities nearly natural bodies of water designed for swimming are enjoying increasing popularity. Such facilities ensure that guests are comfortable, and they are also appealing due to low maintenance and operating costs.

A SWIM POND IS THE MOST NATURAL FORM OF WELLNESS, it combines the enjoyment of swimming and the experience of nature for young and old – with living water, free of chemicals and their harmful effect on man and nature.

More products of this type starting on page 58



MODERN ARCHITECTURE – DESIGNING WITH WATER

OUTSTANDING ARCHITECTURE INCLUDES WATER AS A DESIGN ELEMENT attractive water surfaces with exciting waterfalls create new spatial experiences.

More
products
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For millennia the art of building has availed itself of the timeless beauty of water – for many reasons, including designing free spaces, and to enhance the value of public and private buildings.

Modern architecture in particular likes to underline its timeless elegance with water as a design element, and at the same time achieve important objectives: Significant improvement of the spatial climate, or holding water that can

be used to fight fires are important reasons that speak for a water installation in shopping passages or hotel facilities.

With high-quality OASE technology, clear water surfaces, and appealing fountains with impressive animation through the interplay of light and water are eye-catchers and meeting points.



WATER QUALITY



The inner values are crucial for the quality of a lake. Not all influences can be detected with the unaided eye. Thankfully there are technologies that you can rely on.

OASE products for clear, fresh water are available starting on page

14



DECORATION & ILLUMINATION



Designing with light is one facet of the high art of architecture – even for golf architecture.

OASE products for impressive fountains and breathtaking light accents are available starting on page

38



SWIM PONDS



Having a swim pond means wellness and rejuvenation every day.

OASE SwimPond Sets and modules, as well as the entire swim pond concept are available on page

58



PLEASURE IN CLEAR WATER

Whether as a natural lake in a nearby recreation area, as an attractive lake integrated in the green landscape of our golf courses, or as a swim pond for athletic use of leisure and family recreation time – healthy water is part of our life. All the more reason to pay special attention to sustainable clarification of your bodies of water

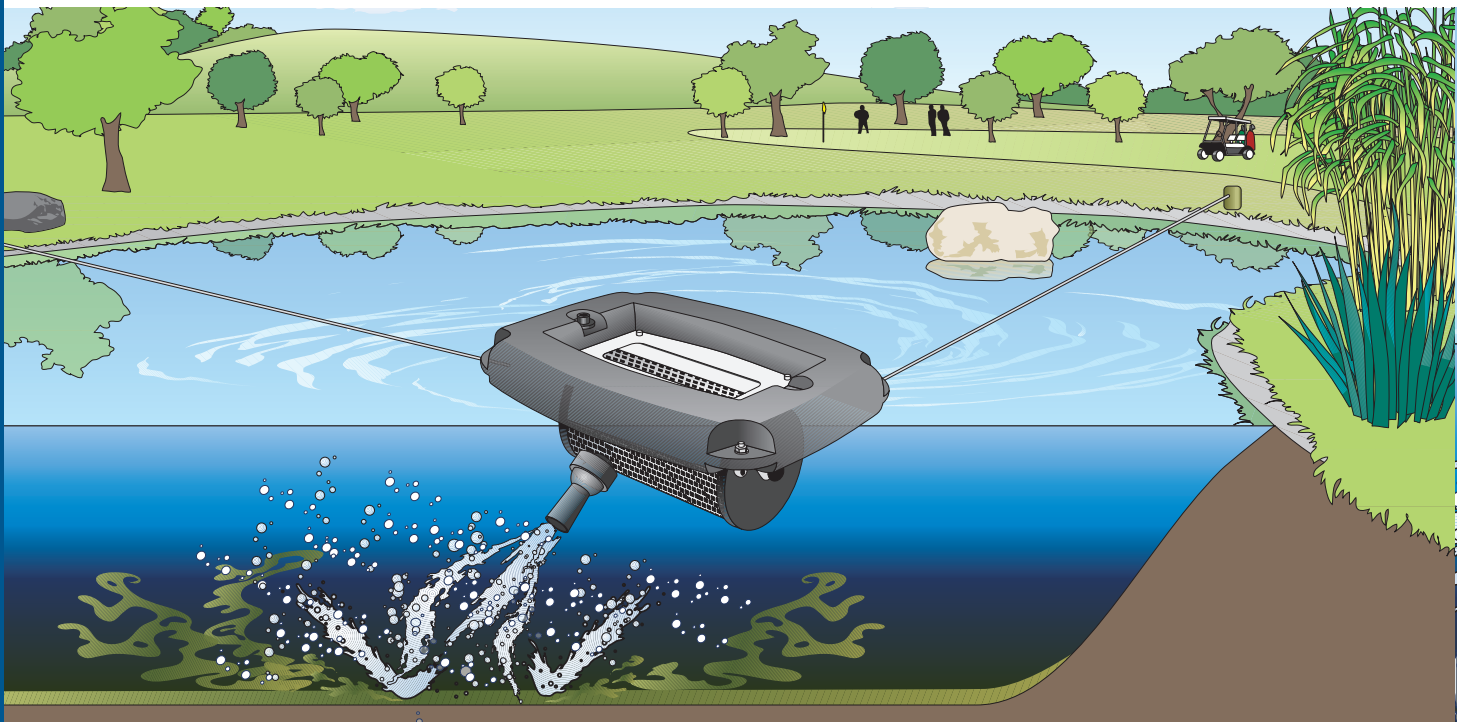
THE INNER VALUES ARE THE IMPORTANT THINGS.

THE SAME PRINCIPLE APPLIES FOR LARGE BODIES OF WATER: TRUE BEAUTY COMES FROM WITHIN AND MUST BE CULTIVATED!

Many factors determine the quality of a body of water. Fish and waterfowl introduce nutrients, and falling leaves in autumn, as well as blossoms in spring increase the availability of nutrients. The results are algae growth and formation of sludge that silts up the body of water. OASE water quality products offer a totally natural remedy; the regenerative powers of the body of water are reinforced and accumulating nutrients are broken down biologically. Such artificial lakes and ponds enjoy sustainable clarity and create a habitat where not only plants and fish thrive – due to innovative OASE products!

- OASE aerators ensure an adequate supply of oxygen for the artificial lake or pond, and ensure development of a high biological potential for reducing nutrients.
- OASE microbiological products specifically increase the population of the most important micro organisms for processing nutrients and dissolving floor sediments.
- OASE skimmers remove coarse pollutants from the water surface.
- OASE module filters biologically and mechanically clean artificial lakes or ponds of pollutants and offer extensive settlement surfaces for important filter biology.
- OASE UVC devices quickly and effectively reduce green algae as well as harmful pathogens in the water.





OXYGEN

Oxygen plays a crucial role in breaking down nutrients in water. Many of the problems associated with an artificial lake or pond, such as algae infestation, silt or odour nuisance can be attributed to oxygen deficits. Missing oxygen can be fed into the body of water through specific water movement that introduces air. This stabilises a body of water's biological power of regeneration and results in optimal quality of the artificial lake or pond.

AQUA AIR 250 LM

The Aqua Air 250 LM is a floating aerator that provides an adequate supply of oxygen for bodies of water up to 250,000 litres. A pump supplies the air/water mixture to the artificial pond or lake via the venturi principle. The high volume flow guarantees air supply in the entire body of water through strong flow movements. Deep zones as well as shallow water zones can be optimally supplied with oxygen through the adjustable angle of the flow injector.



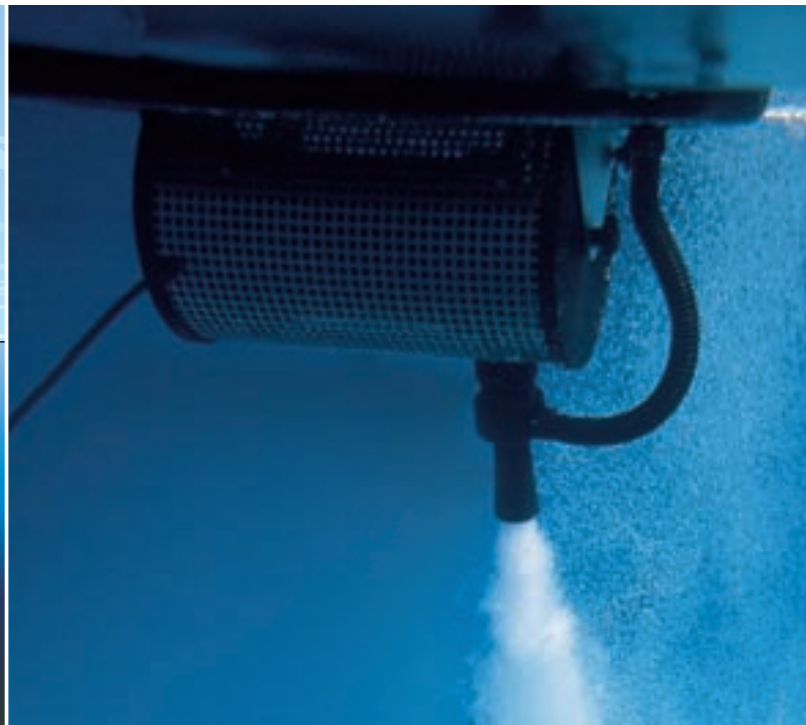
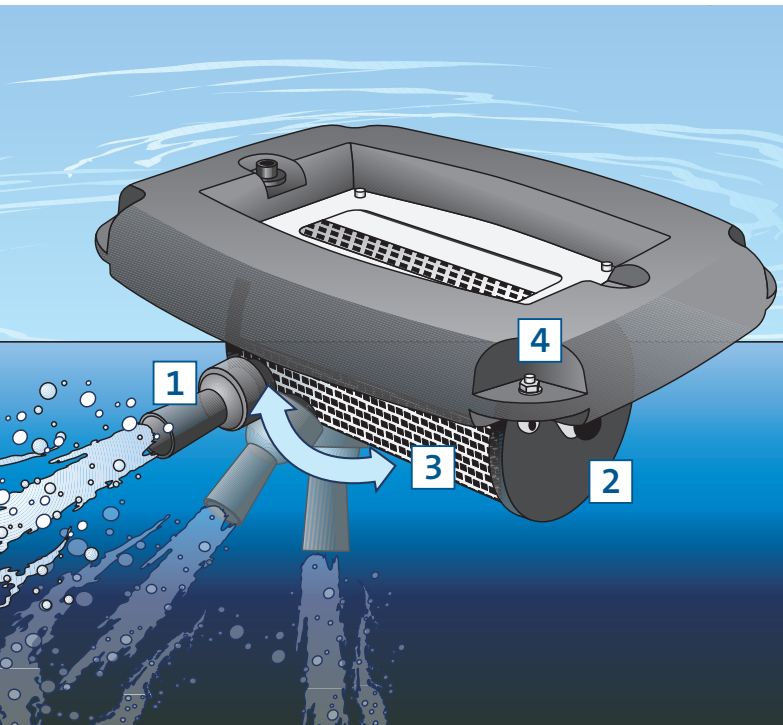
Product characteristics at a glance

- Adjustable injection nozzle for specific application of oxygen
- Depth penetration to 4 metres
- High flow speeds transform any standing body of water into a flowing body of water
- Extra-long service life due to canned motor technology without seals that are subject to wear.
- Low-noise underwater operation
- Stainless steel filter basket and suspension
- Fastening material is included in the scope of delivery
- Optimal oxygen supply thanks to small bubbles
- 3+2 year guarantee.



Tip

Ideal supplements to this product are Bacto Plus LM and Ground Clear LM. Information on each of these products are found on pages 20 and 21.



Injection nozzle
Adjustable injection nozzle for specific oxygen input



Drive
Pump drive with venturi nozzle



Stainless steel basket
High-quality design with corrosion-resistant filter basket and suspension



Fastening material
Easy, secure anchoring of the aerator thanks to the fastening material included in the scope of delivery

	Aqua Air 250 LM	Aqua Air 250 NA
Dimensions (L x W x H)	725 x 555 x 310 mm	28,5 x 21,9 x 12,2 in.
Rated voltage	230 V / 50 Hz	120 V / 60 Hz
Power consumption (Pump)	650 W	700 W
Litres/Gallons per hour max.	30,000 l/h	7,000 g/h
Filter surface intake	appr. 3000 cm ²	465 sq. in.
Air displacement quantity	appr. 8500 l/h	appr. 2250 g/h
Radiation depth *	up to 4 m	up to 13 ft.
For bodies of water to max.	250 m ³	65,000 Gallons
Minimum water depth	500 mm	20 in.
Weight	28.0 kg	66 lbs.
Cable length	30 m	75 ft.
Order no.	57479	57487

* Depends on the jet angle set



This product is available in North America only.



STRATAFLO FLOATING AERATOR

OASE's StrataFlo is a high-performance aerator designed for use in ponds and lakes that do not have natural water exchange or circulation. The propeller driven pump allows the StrataFlo to cope with solid debris – such as grass clippings – that might clog other fountains' nozzles or screens. This reduces the need for regular maintenance.

The nozzle patterns on the StrataFlo can be exchanged simply by loosening and replacing the nozzle disc on the top of the unit. All units ship complete. Lighting is also available (see Page 50).



Product characteristics at a glance

- High-flow propeller design
- Wide spray for maximum circulation
- Low maintenance
- Optional lighting
- 2-year Limited Warranty

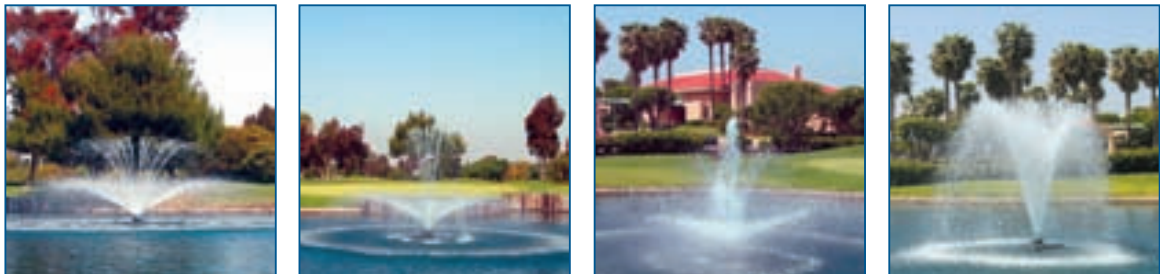


StrataFlo	1/2HP	1HP	2HP	5HP	5HP/3
Min. Water Depth (ft.)	4	4	5	6	6
Power Consumption (W/A)	1196 / 10.0	1932 / 8.4	2749 / 12.0	6061 / 26.4	3738 / 16.3
Operating Voltage (V / Hz)	120 / 60	230 / 60	230 / 60	208-230 / 60	208-230 / 60
Power Phase	1	1	1	1	3
Max. Cable Run (ft.)	250	350	600	450	450
Cable Gauge	see cable chart	see cable chart	see cable chart	see cable chart	see cable chart
Cable Grade (NEC Code)	STW	STW	STW	STW	STW
Order no.	82670	82671	82672	82674	82675

All units include pump, motor, command center, and 10 ft. motor cable with Quick Disconnect

STW Cable Gauge Requirement Cable Run*	1/2HP	1HP	2HP	5HP	5HP/3
0 – 150 ft.	12/3	12/3	12/4	10/4	10/4
151 – 200 ft.	10/3	12/3	12/4	10/4	10/4
201 – 250 ft.	10/3	12/3	12/4	8/4	8/4
251 – 300 ft.	–	12/3	10/4	8/4	8/4
301 – 350 ft.	–	12/3	10/4	6/4	6/4
351 – 400 ft.	–	–	8/4	6/4	6/4
401 – 450 ft.	–	–	8/4	6/4	6/4
451 - 600 ft.	–	–	8/4	–	–

* Distance measured for cable run between power source and StrataFlo unit. Failure to use required cable gauge and grade will void Oase's Limited Warranty.



Nozzles	Camellia			Daffodil			Fuchsia			Hibiscus		
	Dia. (ft)	H (ft)	gpm	Dia. (ft)	H (ft)	gpm	Dia. (ft)	H (ft)	gpm	Dia. (ft)	H (ft)	gpm
1/2HP Motor	11	2	180	13	3	180	13	3	180	5	2	180
1HP Motor	14	3	275	17	4	275	14	5	275	5	3	275
2HP Motor	27	6	400	22	6	400	24	7	400	8	6	400
5HP Motor	29	11	700	27	14	700	26	13	700	14	13	700
Order no.	81402			81400			81406 / 81401*			81403 / 81405**		

* 81406 = 1/2 – 1HP, 81401 = 2 – 3HP / ** 81403 = 1/2 – 2HP, 81405 = 5HP

ACCESSORIES

LUNAQUA K5.1 DAISY CHAIN

The Lunaqua K5.1 Daisy Chain provides a romantic, illuminated water display that is easily attached to the float body.

- 3 Lunaqua K5.1 spotlights, 120W each.
- 10 ft. of cable with Quick Disconnect

Order no. 57001

See Page 52 for additional lighting options!

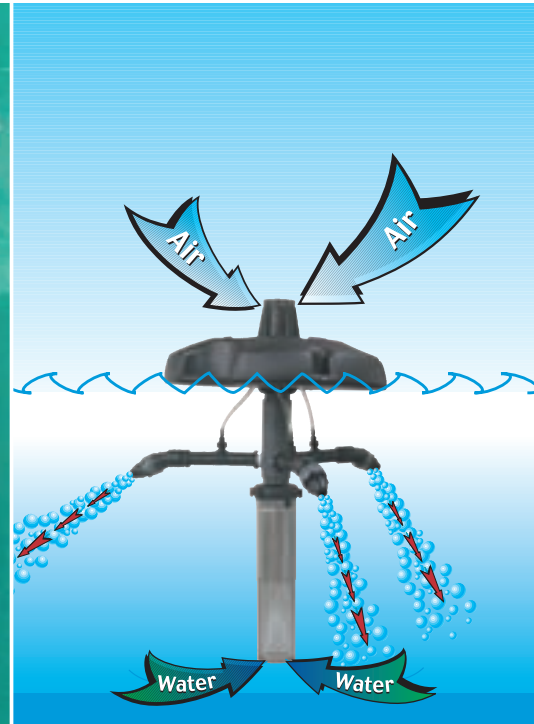


STW CABLE

- 12/3 **Order no. 85802**
- 12/4 **Order no. 85803**
- 10/3 **Order no. 85804**
- 10/4 **Order no. 85805**
- 8/4 **Order no. 85807**
- 6/4 **Order no. 85809**



This product is available in the EU only.



STRATA FUSER

The Strata Fuser is the low-noise and visually unobtrusive solution for problems associated with bodies of water. Bodies of water are protected against algae, odour nuisance, and floor sediment via oxygen enrichment and water circulation. Air above the water surface is taken in, microscopic bubbles are mixed with water from lower depths and re-supplied via three special nozzles.

Product characteristics at a glance

- Complete aggregate including switch gear and 50 m power cable *
- Energy-efficient, timer-controlled technology
- Water-cooled motor, oil-free stainless steel design poses no environmental hazard.
- Robust, low-wear, virtually maintenance-free technology
- Ideal for keeping a specific area free of ice in winter



Strata Fuser	
Dimensions (LxWxH)	1100 x 760 x 760 mm
Rated voltage	400 V / 50 Hz
Power consumption (Pump)	1.5 kW
Litres per minute max.	700 l/min.
Litres per hour max.	42,000 l/h
Filter surface intake	Approx. 600 cm ²
Air displacement quantity	Approx. 15,000 l/h
Radiation depth	up to 2m
Suitable for bodies of water to max.	500 m ³
Minimum water depth	1000 mm
Weight	47.0 kg
Cable length	50 m
Order no. (EU only)	34595



* Anchoring system offered separately on request



NUTRIENT WITHDRAWAL

Excessive algae growth is always based on over fertilisation of the artificial lake or pond with nutrients. The most important nutrients that can limit algae growth in bodies of water are phosphorous and nitrogen. When one of these nutrients is reduced to such an extent that it is no longer available to the algae in sufficient quantity, then algae can no longer multiply. OASE Phosless LM was developed to remove excess phosphates from the body of water and thus effectively prevent algae growth.

PHOSLESS LM

Phosless LM is a mineral product that reduces algae growth by binding excess phosphates. In addition it binds toxic heavy metals, such as copper, lead, and sulphide which is toxic to fish. Phosless LM is shipped in a combination pack that includes one bag of Phosless CA and one bag of Phosless FS.

The use of two different materials is ideal because the binding mechanisms for phosphate are extremely complex and they can be prevented by competing reactions with other ions, low oxygen content, or low pH values. Thanks to the new combination of two binding mecha-

nisms that are completely independent of each other, effective phosphate binding with Phosless LM is also ensured if preparations with only one binding mechanism can no longer be absorbed. The content of the bags can be introduced wherever it can be carried away by moving water. For instance we recommend introducing Phosless LM in the flow area of the Aqua Air 250 LM aerator.

Product characteristics at a glance

- 6 combination packs, each with one 2.5 litre bag of Phosless CA and one 2.5 litre bag of Phosless FS
- Phosless CA is a white, porous calcium mineral that is used to bind phosphates and heavy metals
- Phosless FS is a brown, granular iron mineral and effectively binds phosphate and sulphide
- 6 combination packs, sufficient for 600,000 litre / 160,000 gallons of water with an initial concentration of up to 1.25 mg phosphate per litre of water



Phosless LM	
30 l of Phosless are sufficient for bodies of water to a volume of 600,000 l.	
Order no.	57477

Tip

If a layer of silt has already formed on the bottom of the lake or pond, we recommend supplemental application of **Ground Clear LM** (see page 21) high-performance cultures that break down silt. Use the **Aqua Air 250 LM** (see page 16) to ensure an adequate supply of oxygen.



BACTO PLUS LM – STARTER BACTERIA

OASE Bacto Plus LM is a natural treatment comprised of micro organisms and valuable growth promoters. We recommend using it in combination with OASE Aqua Air aeration technology; with an oxygen supply the Bacto Plus cultures achieve a particularly good and long-lasting effect in all natural and artificial shallow bodies of water. High nutrient input is compensated and algae growth is inhibited. Use Bacto Plus LM to restore the natural

regenerative power of the water in a short time and to prevent imbalance. The starter bacteria settle on all surfaces in the body of water, as well as on all filter material, which guarantees a sustainable effect. Dead biomass and protein decomposition products such as ammonium, ammonia, and nitrite are sustainably and effectively broken down.

Product characteristics at a glance

- Biological self cleaner for blocking algae and treating water
- Biologically neutralises hazardous compounds that occur due to fermentation processes, through bacteria
- 500 ml measuring cup for easier dosing included in the scope of delivery



Bacto Plus LM

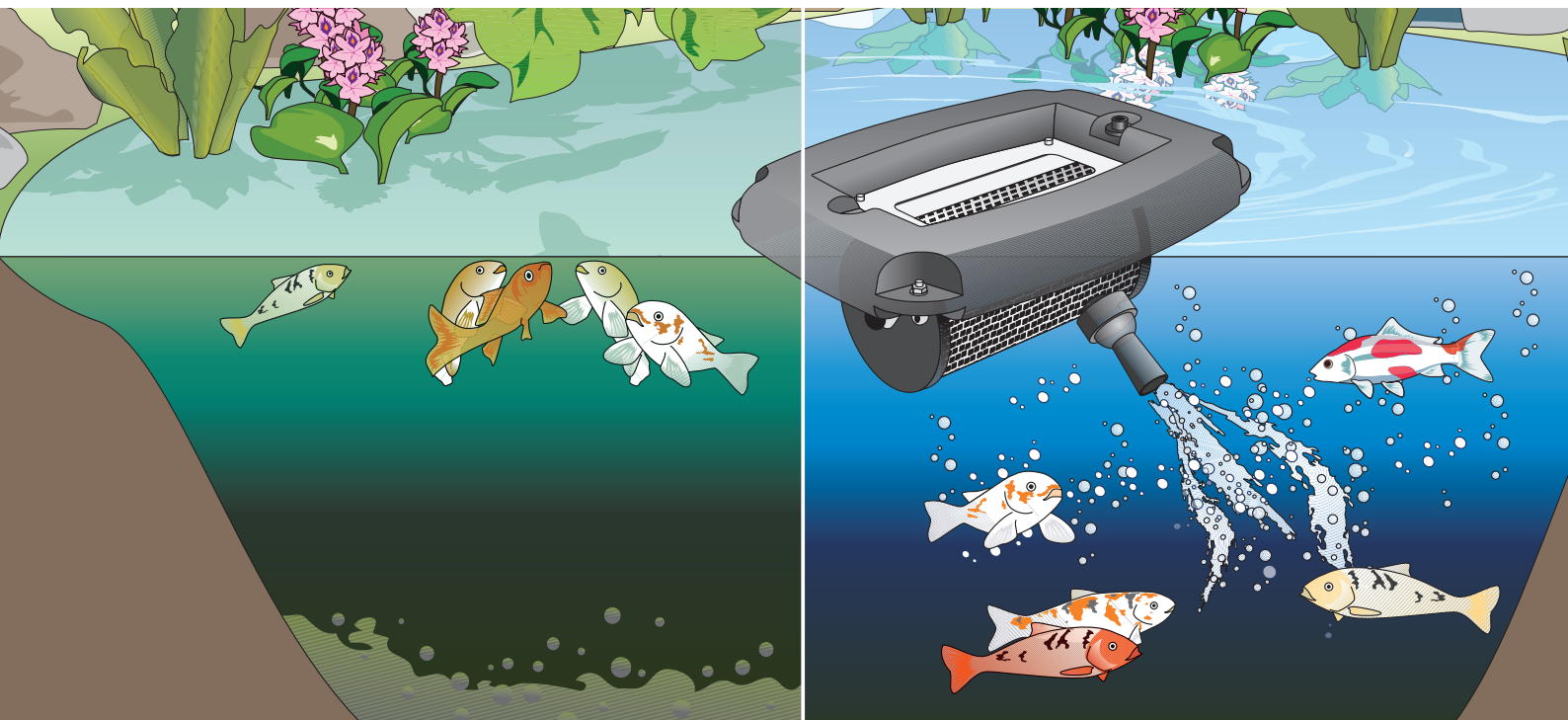
10l bucket for 250,000 litres / 65,000 gallons water volume

Order no.

57475

Tip

To eliminate nitrogen resulting from the decomposition of silt, we also recommend using Bacto Plus LM (see page 20) high-performance cultures for stabilising water quality and breaking down nitrogen. Use the Aqua Air 250 LM (see page 16) aerator for specific aeration of silt.



GROUND CLEAR LM – SILT REMOVER

Sanitising silted up bodies of water is cost intensive and labour intensive. Moreover dredging destroys valuable habitat and causes field damage. Use bacteria instead of dredging, this is the solution OASE offers for artificial lakes and ponds that are silted up. Ground Clear LM is a solution with especially cultured high-performance bacteria that efficiently and sustainably reduce the pond floor silt. The prerequisite for high-level bacterial efficiency is an adequate oxygen supply and stirring up the

silt in the water. The OASE Aqua Air 250 LM aerator is particularly well suited in this regard. The natural micro organisms and growth promoters for the bacteria generate a so-called turbo effect, and thus are able to much more quickly break down large quantities of silt and dead biomass. Organic components are broken down into carbon dioxide, nitrogen and water. Bacto Plus LM, which decomposes nitrogen, is recommended as a support for these cultures.



Product characteristics at a glance

- Transforming organic silt via special high-performance bacteria
- Clean without replacing water/dredging
- Focused prevention of silt, long-term turbidity, and algal bloom
- 500 ml measuring cup for easier dosing included in the scope of delivery

Ground Clear LM

10l bucket for bodies of water to 250,000 litres

Order no.

57476



This product is available in the EU only.



SKIMMING

Leaves, pollen, and particles deposited on the water surface by wind are a risk to the biological equilibrium in a body of water. OASE skimmers powerfully and effectively pull these pollutant particles off of the surface and into the collection basket. Thus pollutants can be removed from the eco system of the body of water before they harm the eco system.

PROFISKIM 100

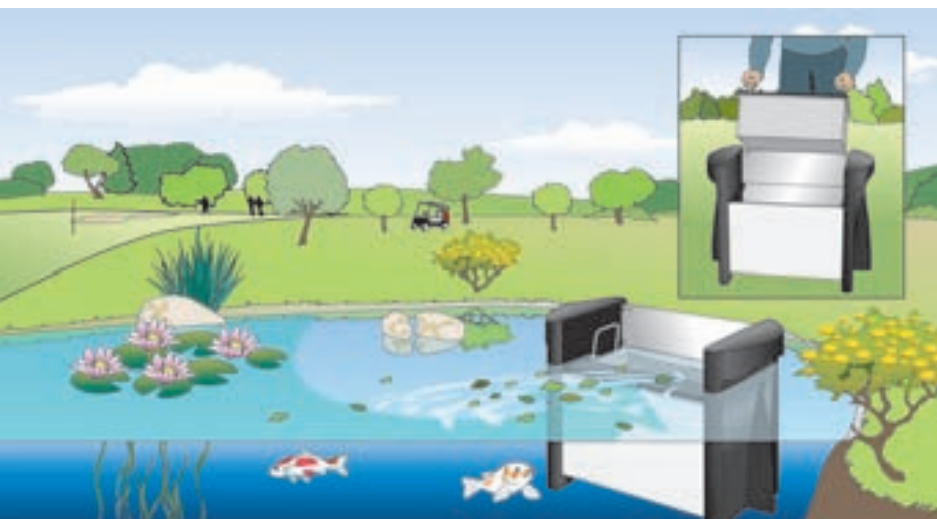
ProfiSkim 100 for water surface cleaning spares you the bothersome task of mechanically cleaning surface pollutants. This stationary skimmer is impressive with an easy-to-operate cleaning unit and generously dimensioned 12-litre collection basket. ProfiSkim 100 can even be implemented with a water depth of 35 cm.

Product characteristics at a glance

- Large cross-section enables a high flow rate
- Adjusts to water level differences of up to 20 cm
- Suitable for use in gravitation filters and pump-fed systems (see page 27)
- 3+2 year guarantee



Profiskim 100	
Pedestal footprint (LxW)	780 x 585 mm
Height min.	350 mm
Height max.	530 mm
Installation depth max.	530 mm
Connection	DN 100
Recommended flow rate (gravitation)	6000 - 12000 l/h
Recommended flow rate (pumped)	8000 - 30000 l/h
Filter basket volume	12 l
Max. pond surface	80 m ²
Weight	13.5 kg
Order no. (EU only)	57134



SKIMMER 250 LM

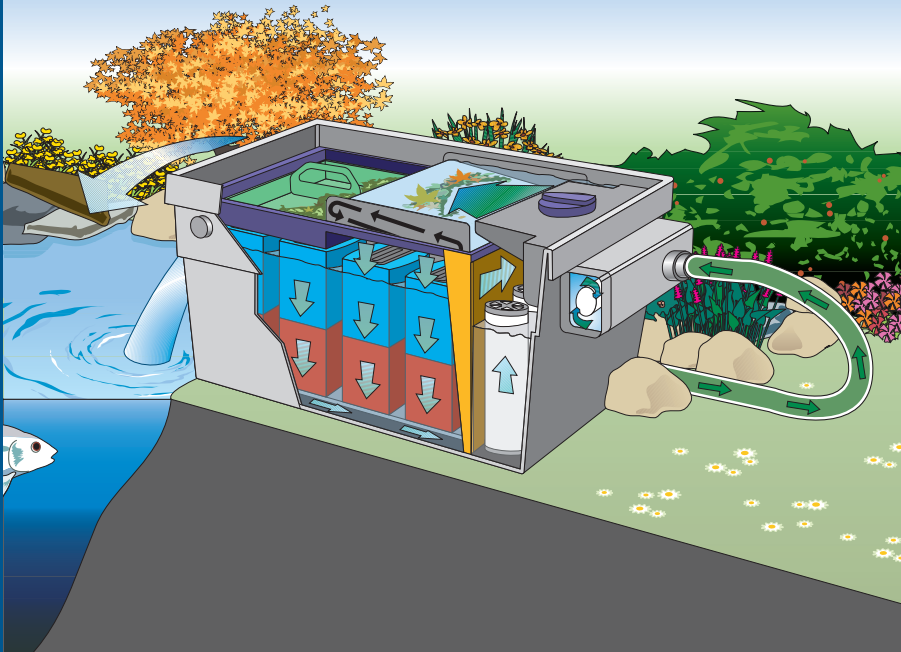
Skimmer 250 LM is a high-performance floating skimmer that keeps up to 250 m² of surface water clean. The floating skimmer is particularly well suited for bodies of water with significant water level fluctuation, and it can be flexibly implemented where pollutants accumulate. The system takes up pollutants via a skimmer flap that is 52 cm in width. Pollutants are gathered into an easy-to-remove collection basket for convenient disposal. The integrated, energy-efficient circulation pump ensures powerful skimming and generates ideal water flow thanks to focused water return.

Product characteristics at a glance

- Ideal water level adjustment through float design
- 52 cm wide skimmer flap for optimum skimmer performance
- Integrated pump
- Focused water return flow for efficient water circulation
- Extremely long service life due to canned motor technology without seals that are subject to wear.
- 27-litre stainless steel pollutant collection basket
- High-quality workmanship with stainless steel components
- Fastening material included in the scope of delivery
- 3+2 year guarantee

	Skimmer 250 LM	Skimmer 250 NA
Dimensions (LxWxH)	775 x 400 x 590 mm	30,5 x 15,7 x 23,2 in.
Skimmer opening width	520 mm	20,4 in.
Basket size (LxWxH)	510 x 310 x 190 mm	20,1 x 12,2 x 7,5 in.
Filter basket volume	27 l	7,1 Gallons
Rated voltage	220 - 240 V / 50 Hz	120 V / 60 Hz
Power consumption (pump)	250 W	300 W
Litres/Gallons per h. max.	15,000 l/h	3700 g/h
Pressure-side connection	1 1/2"	1 1/2"
Filter surface	4500 cm ²	appr. 700 sq. in.
Suitable for ponds max.	250 m ²	65,000 Gallons
Minimum water depth	650 mm	650 mm
Weight	27 kg	64 lbs
Cable length	10 m	20 ft.
Order no.	57480	57488





BIOTEC SCREENMATIC 36

Innovation »Made by OASE«. The biological-mechanical filtration function in tandem with outstanding technology for extracting coarse pollutants guarantee clear and healthy water with low maintenance.

Product characteristics at a glance

- Effective, mechanical and safe extraction of coarse pollutants, and thus significantly longer service life
- Collection tanks for simple removal of extracted coarse pollutants
- Low level of mechanical stress on the biological filter elements

- Extractor sieve is cleaned automatically
- Optimum growth of filter biology thanks to different filter media with extensive settlement surfaces

Biotec Screenmatic 36	
Dimensions (LxWxH)	1200 x 800 x 760 mm
Max. flow rate	23,000 l/h / 6,000 g/h
Inlet stepped hose adapter	2 x 1" to 1 1/2"
Outlet	100 mm
Number of blue filter sponges	18
Number of red filter sponges	18
Special granulate	18 kg
Coarse pollutant extraction	300 micron
Suitable for ponds with fish stock	70 m ³ / 18,500 l
Suitable for ponds to max.	140 m ³ / 37,000 l
Weight	109.0 kg
Order no.	57129
Order no. (NA Version)	56518
Order no. (UK Version)	57215



ACCESSORIES



Spiral hoses, green with black -spirals (pressure: 6 bar)

- Frost-resistant and UV-resistant
- Good sinking characteristics
- Temperature-resistant to + 60 °C
- Heavy-metal free – guaranteed

1 1/2"	25 m length	Order no. 52981
2"	20 m length	Order no. 36500

REPLACEMENT FILTER SPONGES

For Biotec Screenmatic 36	Red	Order no. 56736
For Biotec Screenmatic 36	Blue	Order no. 56737



PROFICLEAR MODULE FILTER M1 – M5

Whether large volume swim pond or koi pond – the OASE Proficlear module filter satisfies the requirements for outstanding water quality at all times. Individually extensible and fitted with a wide variety of filter media, the system guarantees clean and healthy water, with maximum operating convenience and minimum maintenance.

Product characteristics at a glance

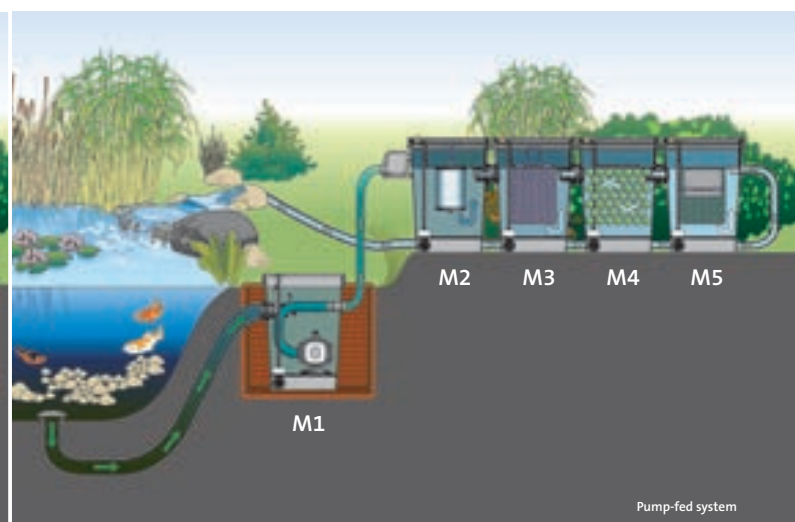
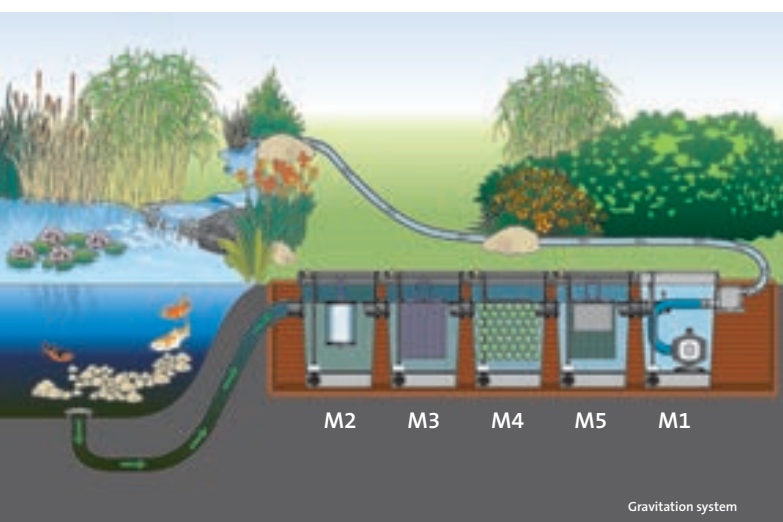
- Modularly extensible filter system that satisfies the most rigorous water quality requirements
- Custom combination of different components
- Can be implemented in any size of pond
- Can be implemented as a pump-fed version as well as a gravitation filter.
- Coarse pollutant extraction with automatic cleaning
- Easy system maintenance thanks to cleaning handles and floor discharges in each filter chamber
- Made of high-quality, impact-resistant GFK

Without fish stock					
Single-row configuration					
Module	+ Bitron 110 C		+ Bitron 550 LM*		
	Pond volume		Pond volume	Pond volume	Pond volume
M1 + M2 + M3	= 40 m ³	+ M5	= 55 m ³	= 50 m ³	+ M5 = 70 m ³
M1 + M2 + M3 + M3	= 60 m ³	+ M5	= 75 m ³	= 75 m ³	+ M5 = 95 m ³
M1 + M2 + M3 + M3 + M4	= 80 m ³	+ M5	= 95 m ³	= 100 m ³	+ M5 = 120 m ³
M1 + M2 + M3 + M3 + M4 + M4	= 100 m ³	+ M5	= 115 m ³	= 130 m ³	+ M5 = 150 m ³
Double-row configuration					
Module	+ Bitron 110 C		+ Bitron 550 LM*		
	Pond volume		Pond volume	Pond volume	Pond volume
M1 + M2 + M3 M2 + M3	= 80 m ³	+ M5 + M5	= 110 m ³	= 100 m ³	+ M5 + M5 = 140 m ³
M1 + M2 + M3 + M3 M2 + M3 + M3	= 120 m ³	+ M5 + M5	= 150 m ³	= 150 m ³	+ M5 + M5 = 190 m ³
M1 + M2 + M3 + M3 + M4 M2 + M3 + M3 + M4	= 160 m ³	+ M5 + M5	= 190 m ³	= 205 m ³	+ M5 + M5 = 245 m ³
M1 + M2 + M3 + M3 + M4 + M4 M2 + M3 + M3 + M4 + M4	= 200 m ³	+ M5 + M5	= 230 m ³	= 260 m ³	+ M5 + M5 = 295 m ³

With fish stock (Divide pond volumes by two for large fish stock or koi)					
Single-row configuration					
Module	+ Bitron 110 C		+ Bitron 550 LM*		
	Pond volume		Pond volume	Pond volume	Pond volume
M1 + M2 + M3	= 20 m ³	+ M5	= 30 m ³	= 25 m ³	+ M5 = 35 m ³
M1 + M2 + M3 + M3	= 30 m ³	+ M5	= 40 m ³	= 35 m ³	+ M5 = 50 m ³
M1 + M2 + M3 + M3 + M4	= 40 m ³	+ M5	= 50 m ³	= 50 m ³	+ M5 = 65 m ³
M1 + M2 + M3 + M3 + M4 + M4	= 50 m ³	+ M5	= 60 m ³	= 65 m ³	+ M5 = 75 m ³
Double-row configuration					
Module	+ Bitron 110 C		+ Bitron 550 LM*		
	Pond volume		Pond volume	Pond volume	Pond volume
M1 + M2 + M3 M2 + M3	= 40 m ³	+ M5 + M5	= 60 m ³	= 50 m ³	+ M5 + M5 = 75 m ³
M1 + M2 + M3 + M3 M2 + M3 + M3	= 60 m ³	+ M5 + M5	= 80 m ³	= 75 m ³	+ M5 + M5 = 100 m ³
M1 + M2 + M3 + M3 + M4 M2 + M3 + M3 + M4	= 80 m ³	+ M5 + M5	= 100 m ³	= 100 m ³	+ M5 + M5 = 125 m ³
M1 + M2 + M3 + M3 + M4 + M4 M2 + M3 + M3 + M4 + M4	= 100 m ³	+ M5 + M5	= 120 m ³	= 125 m ³	+ M5 + M5 = 150 m ³

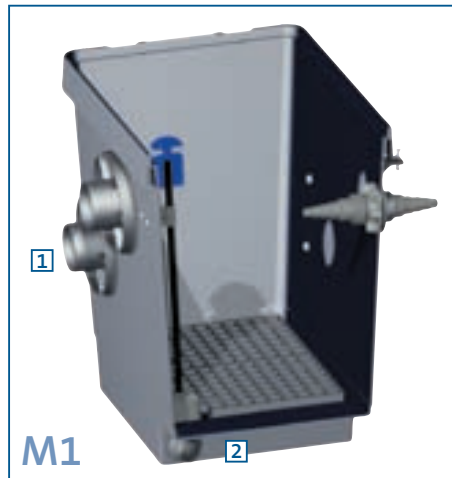
*can only be used as pump-fed system

To compute gallons: 1 m³ = 264.2 gallons

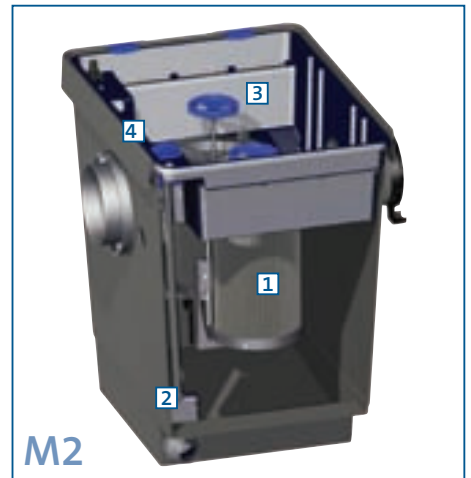


PROFICLEAR M1 TO M5. THE MODULES IN DETAIL.

The new Proficlear modular filter system is impressive through innovative technology, high-quality workmanship, and simple operation. The modular system enables individual configuration of any filtering system oriented to the needs of your customers. Whether koi pond, or large swim pond – we offer the custom-tailored solution for clear and healthy water.



M1



M2

PROFICLEAR M1 – PUMP CHAMBER

Whether gravitation principle or pump-fed system – the Proficlear M1 pump chamber ensures optimal pump position.

- Reduction of pressure losses.
- Safe and standard-conformant setup for swim ponds.
- Simple maintenance and winter care.
- Protection against excessive silt.
- Two inlets **1**
- In the sediment tank accumulated pollutants are flushed out via the floor discharge **2**.

PROFICLEAR M2 – COARSE DEBRIS EXTRACTOR

Enables easy mechanical extraction of solids up to 300 microns in size.

- Incoming water is fed via two large-surface extraction sieves **1** into the next filter chamber.
- Pull the slide valve **2** to flush out pollutants via a DN 50 discharge, optionally supported by rinsing via cleaning nozzles.
- The extraction sieves can be quickly cleaned with interior and exterior brushes by operating the cleaning handles **3**.
- A pollutant indicator **4** signals when maintenance is required.
- Automatic and regular cleaning is possible via the Proficlear Screendrive (see accessories)!



Proficlear M 1 – pump chamber	
Dimensions (LxWxH)	800 x 600 x 800 mm
Inlet Ø	2 x DN 100
Outlet Ø	2 x 50 mm
Hose connection for the outlets	1" to 2"
Order no.	56897
Inlets incl. regulator for custom adjustment of the intake.	

Proficlear M 2 – coarse debris extractor	
Dimensions (LxWxH)	800 x 600 x 800 mm
Number of sieves	2
Inlet Ø	1 x DN 100/DN 150 + 2 x 50 mm
Outlet Ø	1 x DN 100/DN 150
Pollutant discharge Ø	DN 50
Max. flow rate	12,500 l/h / 3,500 g/h
Order no.	37108
Pollutant discharge incl. slide valve	

The housings of all five modules are made of premium Duroplast.

Guarantee + request guarantee 2 + 1 = 3 years



ACCESSORIES PROFICLEAR SCREENDRIVE

Takes over regular and automatic cleaning of the coarse debris extractor in the Proficlear M2 module. Easy installation. The sieves are cleaned by motorised cleaning brushes.

An integrated timer starts the cleaning process every 30 minutes.

Dimensions (L x W x H) 700 x 230 x 120 mm, rated voltage: 230V/50Hz, 12 V/DC

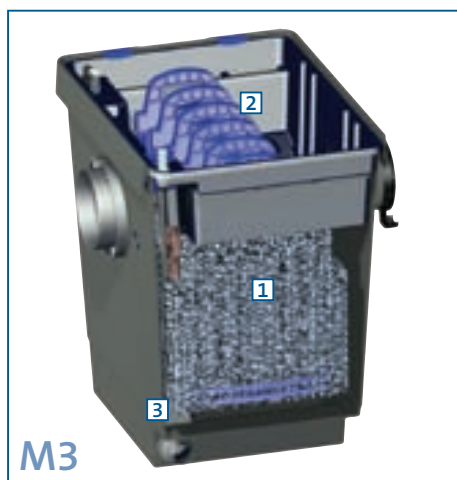
Cable length primary/secondary: 2/5 m, power consumption: 4.5 watt

Guarantee: 2 years



Order no. 57094





PROFICLEAR M3 – FILTER FOAM MODULE

Reliably removes toxins such as ammonium/ammonia or nitrite.

- Water is channelled through the coarse and fine foams **1** that contain the important filter biology.
- The oxygen necessary for the nitrification process is supplied via connections on the housing.
- To clean, use the cleaning levers to compress the foams against the intermediate floor **2**.
- Pull the slide valve **3** to flush out contaminants via a DN 50 discharge, optionally supported by rinsing via cleaning nozzles.

PROFICLEAR M4 – BIOBALLS FILTER MODULE

The design of the Bioballs M4 filter module is based on the latest scientific findings.

- The Bioballs **1** with especially designed flow control offer an over-proportional filter surface and are forced directly against the intermediate floor by the water current.
- Necessary oxygen supply is ensured through an external connection.
- The pollutants on the floor of the sediment tank **2** are flushed out when the slide valve is pulled **3** supported by the cleaning nozzles.
- The highly developed Bioballs are maintenance-free due to permanent rotation inside the system.

PROFICLEAR M5 – PHOSPHATE BINDER MODULE

Converts nitrate into gaseous nitrogen (denitrification) and eliminates phosphates.

- A majority of the water volume is channelled past the filter foam **1**. This establishes the low oxygen milieu that is so important for the denitrifying bacteria.
- The lesser portion of the water flow volume is channelled through the Phosless inserts **2**.
- Binders ensure quick and safe phosphate deposition.
- Elimination of these nutrients significantly restricts string algae growth.
- Maintenance-free because bypass regulation in the foam prevents clogging.
- A pollutant level indicator **3** signals when maintenance is required.

Proficlear M3 – filter foam module	
Dimensions (L x W x H)	800 x 600 x 800 mm
Filter foam volume	70 l
Number of filter foams	6
Inlet Ø	1 x DN 100/DN 150 + 2 x 50 mm
Outlet Ø	1 x DN 100/DN 150
Pollutant discharge Ø	DN 50
Max. flow rate	12,500 l/h / 3,500 g/h
Order no.	37107
Pollutant discharge incl. slide valve	

Proficlear M4 – Bioballs filter module	
Dimensions (L x W x H)	800 x 600 x 800 mm
Filter surface	30 m ²
Inlet Ø	1 x DN 100/DN 150 + 2 x 50 mm
Outlet Ø	1 x DN 100/DN 150
Pollutant discharge Ø	DN 50
Max. flow rate	12,500 l/h / 3,500 g/h
Order no.	37144
Pollutant discharge incl. slide valve	

Proficlear M5 – phosphate binder module	
Dimensions (L x W x H)	800 x 600 x 800 mm
Number of filter media tubes/sponges	4/6
Inlet Ø	1 x DN 100/DN 150 + 2 x 50 mm
Outlet Ø	1 x DN 100/DN 150
Pollutant discharge Ø	DN 50
Max. flow rate	12,500 l/h / 3,500 g/h
Order no.	37109
Pollutant discharge incl. slide valve	

ACCESSORIES PROFICLEAR BOTTOM DRAIN BD 100

For safely connecting the pond with the Proficlear modules. It is flanged directly on the pond liner and offers the possibility of connecting a DN 100 pipe.

Dimensions: Ø 380 x 290 mm,
Material: High-quality plastic
Guarantee: 3 years

Order no. 37143

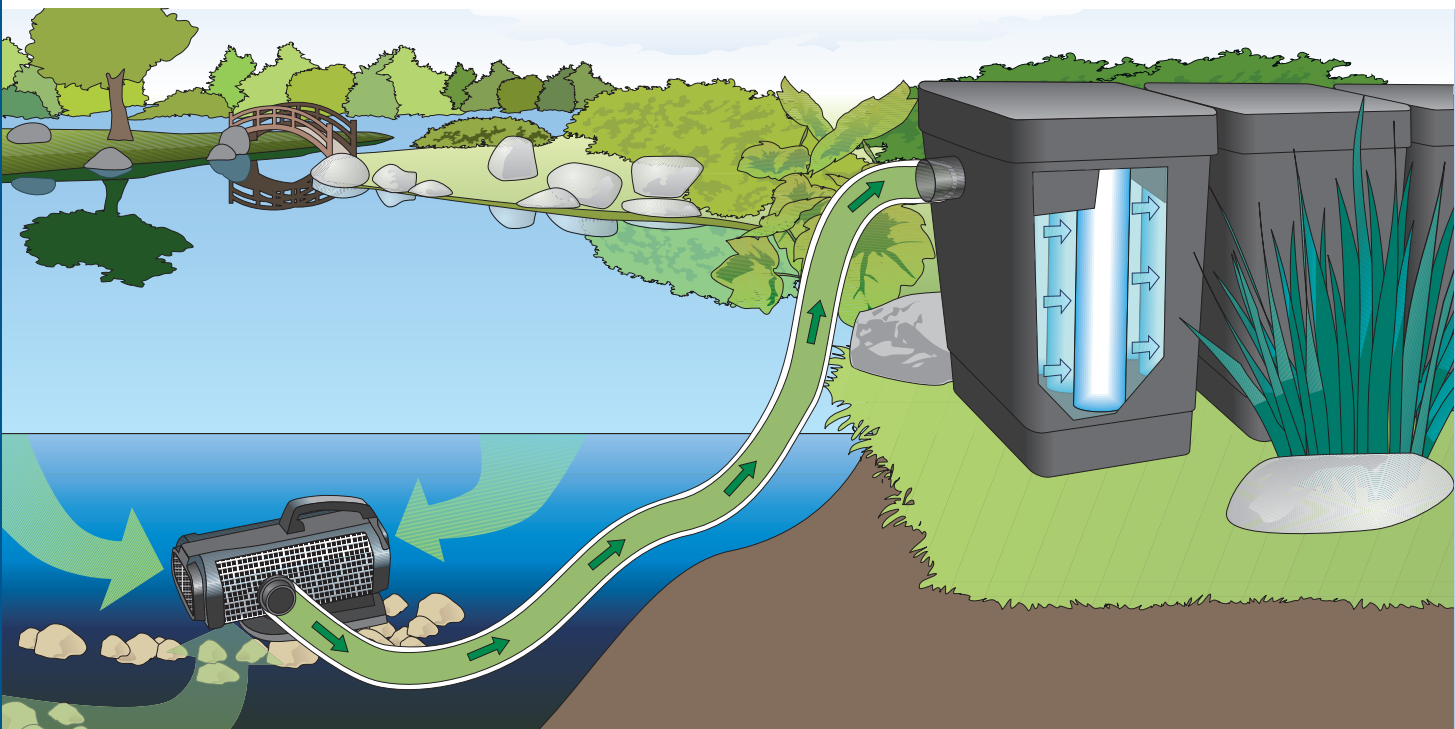


REPLACEMENT FILTER SPONGES FOR

Proficlear M3, blue/10 PPI wide	Order no. 26983
Proficlear M3, blue/10 PPI narrow	Order no. 26984
Proficlear M3, red/30 PPI	Order no. 27295
Proficlear M5, black/45 PPI narrow	Order no. 27296
Proficlear M5, black/45 PPI wide	Order no. 27297

REPLACEMENT PHOSLESS FILTER MEDIA TUBES FOR

Proficlear M5	Order no. 36981
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UVC TECHNOLOGY

The innovative UVC technology consistently ensures clear and healthy water. The clarifiers effectively reduce algae and the number of pathogens and bacteria in the artificial pond or lake.

BITRON 550 LM

The Bitron 550 LM is a powerful 550 watt UVC clarifier that is used to reduce suspended algae and pathogens in bodies of water to 250 m³ in volume. Due to the low flow speed relative to UVC performance the displaced water is freed from suspended algae and germs in a particularly effective manner. This means that the water does not need to be re-circulated so frequently, and thus expenditure of energy is reduced. Stainless steel reflectors intensify the performance of the UVC bulbs. The Bitron 550 LM is operated as a flow-through UVC above the water level. It can be ideally implemented in combination with the different modules of the Proficlear filter system.

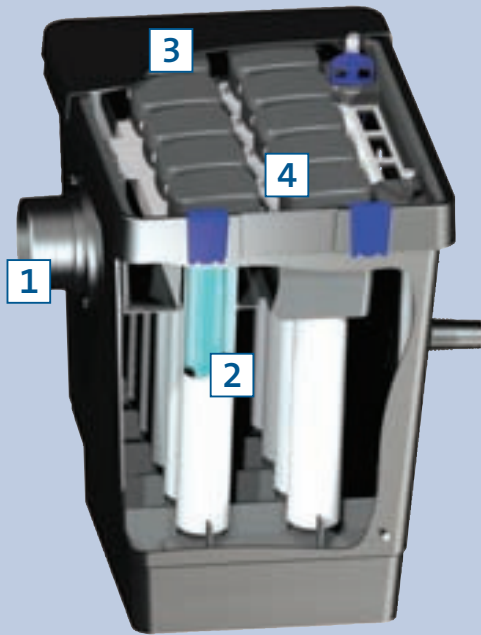


Product characteristics at a glance

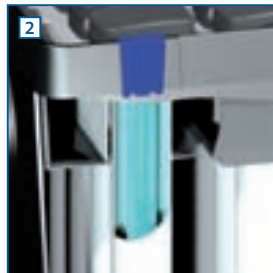
- 10 x 55 watt UVC power output
- Premium GFK housing
- Control window for each UVC bulb
- Stainless steel reflectors increase UVC efficiency
- Up to 20,000 litres flow-through volume
- Versatile connection possibilities
- 2+1 year guarantee



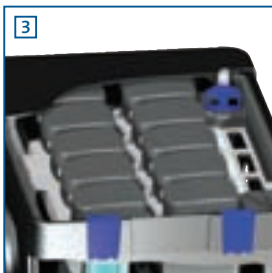
The Bitron 550 LM clarifier can be ideally combined with the Proficlear module filter system (see page 25-27) thus algae that have been killed off can be microbiologically decomposed quickly and safely.



Intake connection
In 2" / DA 63 / DN 100



UVC bulbs
Stainless steel reflectors increase UVC performance



High-performance
10 x 55 watt UVC



Control window
Each UVC bulb can be checked for function through separate control windows

	Bitron 550 LM	Bitron 550 NA
Dimensions (L x W x H)	790x675x815 mm	31,1x26,6x32,1 in.
Rated voltage	220 - 240 V/50-60 Hz	120 V/60 Hz
Power consumption	550 W	550 W
Recommended flow rate	15,000 l/h	4,000 g/h
Min. flow rate	5,000 l/h	1,500 g/h
Max. flow rate	20,000 l/h	5,000 g/h
Bulbs	10 x 55 W	10 x 55 W
Pressure side connection	2" / DA 63 / DN 100	
Discharge	DN 100 / DN 150	
For bodies of water to max.	250 m ³	65,000 Gallons
Weight	87.5 kg	195 lbs.
Cable length	10 m	15 ft.
Order no.	57478	57489

ACCESSORIES REPLACEMENT BULB FOR BITRON 550 LM

10 bulbs are required for complete configuration.

Bitron 55 W

Order no. 56636



Tip

The Bitron 110 C is the ideal clarifier for the Biotec Screenmatic 36 filter (see page 24).



BITRON 110C

The Bitron 110 C effectively reduces algae and the number of pathogens and bacteria in the body of water and thus consistently ensures clear and healthy water.

Product characteristics at a glance

- Well thought-out bypass technology for custom water flow adjustment on the UVC device enables optimum adaptation to the connected filtration pump.
- Automatic and permanent bulb cleaning function sustainably ensures full efficiency of the UVC light source

- Integrated magnets protect the pond technology that is implemented (including pump and filter) from aggressive calcium deposits.
- Indicator light for visual monitoring of device function
- High-quality workmanship in impact resistant plastic
- Quick-lock technology for easy bulb replacement, no tools required

ACCESSORIES **REPLACEMENT BULB BITRON 110 C**
 2 bulbs are required for complete configuration.
Bitron 55 W **Order no. 56636**



	Bitron 110C	Bitron 110C NA
Dimensions (L x W x H)	731x216x201 mm	29x9x8 inch
Rated voltage	220-240 V / 50-60 Hz	110-120 V / 60 Hz
Inlet stepped hose adapter	3/4" to 2"	2 inch thread
Outlet	1" to 1 1/2"	2x 1 1/2"
Visual function check	Indicator light	Indicator light
Connection to	Proficlear module filter/Biotec Screenmatic 36	
Max. operating pressure	1 bar	14.5 psi / 33.5 ft.
Suitable max. pump capacity	40,000 l/h	11,000 g/h
Power consumption	110 W	110 W
Flow-through UVC, without bypass	12,000 l/h	3,200 g/h
Order no.	56902	57101

PROMAX 20000/30000 / AQUAMAX 6000

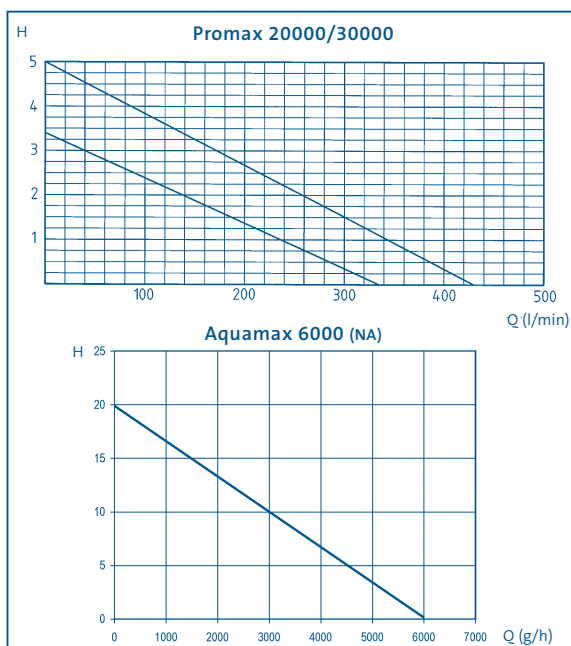


Promax high-performance pumps are designed for implementation in filter systems or for watercourses and waterfalls. They have two spatially separated motors that can be separately switched on or off via the supplied remote control unit.

Product characteristics at a glance

- Patented Economic Flow Regulator principle (EFR) minimises flow losses
- Intelligent sensor-based wintering technology; function status is shown by the indicator light on the remote control unit at all times
- Two motors that are spatially separated can be switched on and off independently via the supplied remote control unit (Functions: On, Off, and Dim)
- Power consumption is reduced through the possibility of motor activation (off, dim)
- Electronic adjustment
- Large-surface wrap-around filter ensures long service life
- Coarse debris displacement of particles up to 8 mm in size
- Combination of pond floor filtration and supplemental skimmer function is possible thanks to two suction ducts
- Suitable for use in swim ponds and bathing ponds

Pump performance curves



	Promax 20000	Promax 30000	Aquamax 6000 (NA)
Dimensions (LxWxH)	380 x 330 x 230 mm		15 x 13 x 9 in.
Power consumption	285 W	500 W	490 W
Flow Rate per minute max.	335 l/m	430 l/m	100 g/m
Flow Rate per hour max.	20,100 l/h	25,800 l/h	6,000 g/h
Max. head height	3.4 m	5.0 m	20 ft.
Weight	7.5 kg	8.0 kg	16.5 lbs.
Cable length	10 m	10 m	20 ft.
Order no.	55441	55442	56154

All Promax filter and watercourse pumps have a rated voltage of 220-240 V/ 50 Hz, a 2" pressure-side connection thread -, two 1 1/2" suction-side connection threads and hose clamps (one in each size) 3/4", 1 1/4", 1 1/2" and 2". The filter surface is 1300 cm². Cable length 10 m. The full guarantee of 3 years can be extended to 5-years on request.

PROFIMAX 20000/30000/40000



Large installations easily implemented! Powerful pumps in three capacity variants for efficient filtration or for spectacular watercourses and waterfalls. For those whose dream of exclusive water landscapes with larger dimensions. Top technology, high-class products with safe and easy installation.

Product characteristics at a glance

- Coarse pollutant displacement of particles up to 8 mm in size
- Outstanding displacement capacity
- Long service life
- Suitable submersed or dry-installed
- Suitable for use in swim ponds and bathing ponds
- 3+2 year guarantee



Robust, stainless steel filter basket
Coarse pollutant particles up to 8 mm in size are displaced with no problems.



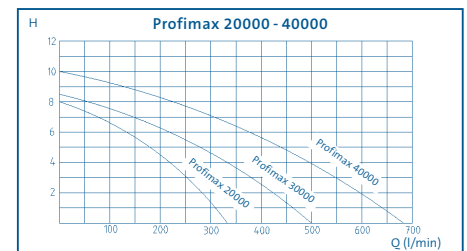
Compact base
Integrated mounting bores in the base facilitate fixed installation on the pond floor, as needed.



Ergonomic handle
A ergonomic handle that is optimally aligned with the pump's centre of gravity facilitates transport and installation.

Profimax	20000	30000	40000
Dimensions in mm (LxWxH)	420 x 240 x 266		
Power consumption in watt	450	650	1100
Litres per minute max. (l/min.)	333	500	683
Litres per hour max. (l/h)	20000	30000	41000
Max. head height (m)	8	8.5	10
Hose connection	1", 1 1/2", 2"		
Pressure-side connection	2"		
Suction-side connection	1 1/2"		2"
Filter surface in cm ²	1320		1620
Weight in kg	15		17
Order no.	56873	56874	56875
Order no. (NA Version)	57098	-	-

Pump performance curves



ACCESSORIES:
OUTLET FOR REMOTE CONTROL
INSCENIO FM PROFIMASTER

Maximum safety and service life for electric consumers (not available in the UK, USA)

Order no. 56886

All Profimax filtration watercourse / waterfall pumps have a **rated voltage of 220-240 V/50Hz**, a **cable length of 10 m** and are **suitable submersed or dry-installed**. The **full guarantee of 3 years** can be extended by two additional years to **5 years on request**. All pumps can be used for swim ponds and bathing ponds.



This article is available in the EU only.

OPTIMAX 10000/15000/20000



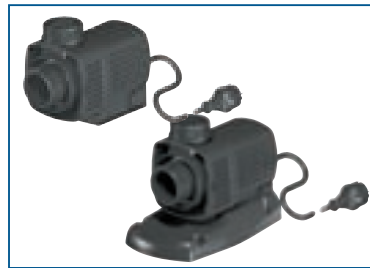
Unique and highly economical filtration pumps: Especially developed to meet the requirements in gravity operated filter installations (gravitation principle).

Product characteristics at a glance

- Coarse pollutant displacement of particles up to 6 mm in size
- Flow-optimised impellers ensure a high-level of energy efficiency
- High circulation capacities of 10000 to 18000 litres per hour
- Long service life
- Suitable submersed or dry-installed
- Suitable for use in swim ponds and bathing ponds
- 3+2 year guarantee



Robust, stainless steel strainer
High-quality stainless steel basket protects the impeller from larger foreign objects.



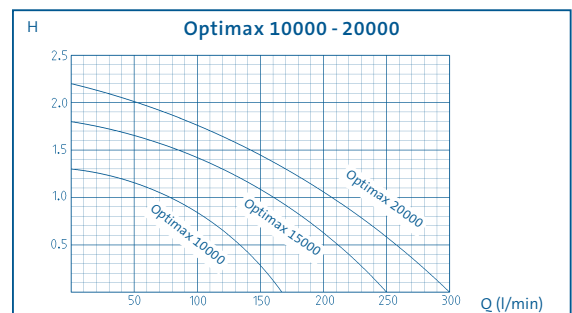
Removable mounting base
The removable mounting base enables pump installation in confined spaces.



Including adapter set
The adapter set enables connection of hoses (2"/DA63) and pipes (DA75/DA110).

Optimax	10000	15000	20000
Dimensions in mm (LxWxH)	272 x 142 x 182		
Power consumption in watt	65	85	120
Litres per minute max. (l/min.)	167	250	300
Litres per hour max. (l/h)	10000	15000	18000
Max. head height (m)	1.3	1.8	2.2
Hose connection	2"		
Pressure-side connection	2"		
Suction-side connection	2"		
Weight in kg	4	4	4
Order no.	57091	57092	57093
Order no. (UK Version)	57216	57217	57218

Pump performance curves



All Optimax gravitation filtration pumps have a rated voltage of 220-240 V/50Hz, a cable length of 10 m and are suitable submersed or dry-installed. The full guarantee of 3 years can be extended by two additional years to 5 years on request. The pumps are suitable for use in swim ponds and bathing ponds.



This product is available in the EU only.

Crystal Clear instant clarifier is effective at carbonate hardness of at least 3°dH.
Ideally suited for use with **Hardness Plus**.



CRYSTAL PLUS – CRYSTAL CLEAR INSTANT CLARIFIER



Product characteristics at a glance

- Clears green, murky pond water (especially if there is algal bloom)
- Effective against fine, non-filterable pollutants such as phosphates and heavy metal combinations
- Accumulated flocculated material can be easily skimmed off with a net

Crystal Plus

5l canister for 50,000 litres water volume

Order no.

36661

CARBONATE PLUS – HARDNESS PLUS



Product characteristics at a glance

- Increases the carbonate hardness in exhausted water
- Treats soft fountain water or rain water for filling.
- Stabilises the calcium / carbonic acid balance and buffers the pH value

Carbonate Plus

5l bucket for 50,000 litres water volume

Order no.

36656



This product is available in the EU only.

To ensure optimum oxygen supply we recommend using the Aqua Air 250 LM aerator (see page 16)
Use Bacto Plus LM (see page 20) and Phosless LM (see page 19) to prevent algae formation.



POND PROTECT – PROTECTS THE SURFACE FROM STRING ALGAE

Existing string algae is difficult to remove by reducing nutrients, as it can enrich and store up to 1000x the necessary nutrients, such as phosphate.

OASE Pond Protect specifically frees string algae settlements thanks to a new type formula.

Mechanically remove as much algae as possible prior to treating with OASE Pond Protect. Large masses of dying algae bind a lot of oxygen, this means that an additional supply of oxygen through water movement is also extremely important.

Product characteristics at a glance

- New combination product
- Protects surfaces from string algae fouling
- Contains natural micro organisms
- Improves filtration capacity
- Use biocides safely – always read the label and product information before using!

Pond Protect

2.5l bucket (concentrate) for volumes up to 100,000 l

Order no. (not available in the UK, USA)

36658





FASCINATING LIVING WATER

Clear fresh water exerts a natural, powerful force of attraction on us. However the attractiveness of your body of water can even be enhanced – spectacular water effects and sophisticated illumination are particular points of attraction and enable water that is thus activated to become a real highlight.

ACCENT WITH WATER AND LIGHT

THE INTERPLAY OF LIGHT AND WATER IS INCREASINGLY BECOMING A DESIGN ELEMENT IN THE ARCHITECTURAL AND LANDSCAPE PLANNING.

It would be surprising to find a person who could resist the fascinating effect of fountains – and water effects are particularly appealing through the focused use of effective lighting; designing with light is an important aspect of the high art of garden and landscape architecture. OASE has an extensive range of illuminated water effects available to you that offer something for any body of water – without elaborate installation!

- OASE Pond Jet for decorative fountains on smaller bodies of water.
- OASE MIDI and MAXI floating fountains for fountains on medium-sized and larger bodies of water.

- Different illumination sets for OASE floating fountains enable a fascinating presentation of fountains in evening hours.
- With compact dimensions the OASE Profilux underwater spotlights are excellently suited for focussed illumination.
- The Lunaqua 10 illumination system from OASE offers a variety of possibilities for effective illumination above as well as below the water surface.





FLOATING FOUNTAINS

Floating fountains ensure impressive water effects wherever fixed aggregates cannot be installed: If there are fluctuating water levels, excessive water depths, or on muddy pond floors. Thanks to their easy installation they can also be implemented on short notice for specific events.

The cleverly designed anchoring system ensures safe placement and surprisingly easy installation of the aggregates. The aggregates stay on the surface without tipping, thanks to robust float elements. The foamed float element ensures ideal buoyancy of the floating fountains. Only the nozzle and the surface of the float element are visible; the technology remains concealed underwater.

Various easily interchangeable fountain nozzles are available for custom design of the water pattern of the floating fountains. Illumination sets give the fountains a fascinating appearance in the evening hours. Electrical safety of the floating fountains is guaranteed by a professional switching system that incorporates all protective and safety precautions.

The natural temperature layers of the pond or lake are hardly influenced as water intake is just below the water surface. OASE floating fountains make an additional contribution in the form of enriching the oxygen in the body of water; a contribution toward the reduction of algae.



Please find this floating fountain available in North America on page 48.



Pond-Jet	
Dimensions (Ø x H)	670 x 540 mm
Rated voltage	220 - 240V / 50 Hz
Power consumption	270 W
Litres per minute max.	200
Litres per hour max.	12,000
Max. head height (m)	7.7
Pressure-side connection	1"
Spray height	3 m
Filter surface area	650 cm ²
Weight	9.0 kg
Cable length	20 m
Order no. (EU & UK Version)	57075

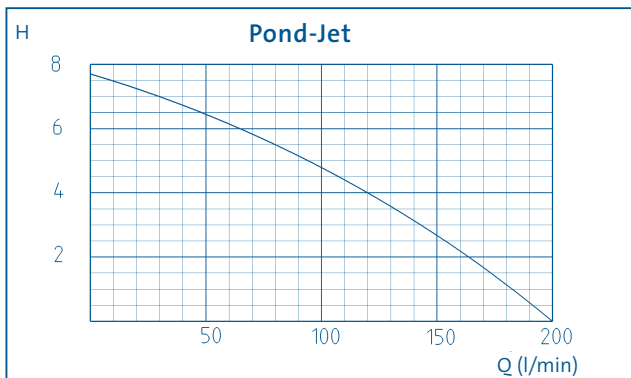
POND-JET

Thanks to the stationary, floating Pond-Jet fountain aggregate, decorative fountains can be easily installed and quickly placed in service. With Pond-Jet it doesn't matter if the pond floor is muddy or difficult to access.

Product characteristics at a glance

- Ready-to-connect complete aggregate, consisting of pump, float element, and nozzle
- Clearly structured fountain height and spray diameter of 3 metres
- Minimum water level for clear water is 1 m; for a muddy pond floor the minimum depth is 1.5 m
- 3-year guarantee

Pump performance curves



1" thread
for attachment on the multi-function nozzle.



Multi-function nozzle
shown here with the Schaum-sprudler 35-10E mounted.



Accessories: Illumination set
can be ordered separately. See page 53 for information



Connection
to the underwater transformer for lights.

ACCESSORIES FOUNTAIN ATTACHMENTS

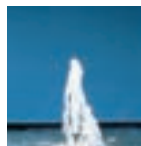
With 1" thread for attachment on the Pond-Jet's multi-function nozzle.



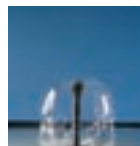
Vulkan 37-2.5 K
H: 400 cm
Order no. 52319



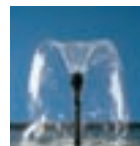
Vulkan 43-3 T
H: 200 cm
Order no. 50950



Schaumsprudler 35-10E, H: 140 cm
Order no. 50984



Lava 36-10 K
Ø 95 cm
Order no. 52318



Calyx 36-10 K
Ø70 cm
Order no. 52317

TELESCOPIC NOZZLE EXTENSION TE 10 K

For telescopic extension of the nozzle height.

1" exterior thread, length can be telescopically extended from 278 mm to 508 mm.

Order no. 52270





Please find this floating fountain available in North America on page 48.



MIDI FLOATING FOUNTAIN

With the MIDI floating fountain decorative fountains can be easily and quickly “conjured” on any body of water. Five interchangeable nozzles and five pumps offering different capacities in three-phase current, and alternating current design ensure ample variety on the water. Particularly in the

evening hours the water effect is presented in a totally new light thanks to the optional underwater illumination sets.

Product characteristics at a glance

- Ready-to-connect, complete aggregate, incl. switching system
- A broad range of applications on any type of pond or lake
- Easy to install
- Compact, robust design
- Long service life; highly corrosion resistant
- Virtually maintenance free
- No risk to the environment, the motors are oil-free
- Five interchangeable nozzles for different water patterns (see page 46)
- Five pumps offered in different capacities are available in three-phase current versions and alternating current versions
- Three different lighting sets are optionally available (3, 6, and 9 spotlights) (see page 56)
- Optional anchoring system available



The floating fountain configurator – configure your own custom floating fountain!
Your contact in the OASE sales organisation would be pleased to offer additional assistance.

Floating fountain	MIDI 0.37	MIDI 0.55	MIDI 0.75	MIDI 1.10	MIDI 1.50
Dimensions (Ø x H in mm)	1200 x 1100	1200 x 1100	1200 x 1100	1200 x 1100	1200 x 1100
Motor power (three-phase or AC current) (in kW)	0.37	0.55	0.75	1.10	1.50*
Diameter without spotlights (in mm)	1066	1066	1066	1066	1066
Diameter with spotlights (in mm)	1200	1200	1200	1200	1200
Minimum water depth (in mm)	850	850	850	850	850
Switch box size L x W x D (in mm)	320 x 320 x 200	320 x 320 x 200	320 x 320 x 200	320 x 320 x 200	320 x 320 x 200
Protection class	IP 68	IP 68	IP 68	IP 68	IP 68
Motor rated current 230V/400V (in A)	3.9/1.4	5.8/2.2	7.5/2.4	7.9/3.4	- /4.2
Voltage (in V/50 Hz)	230/3 x 400	230/3 x 400	230/3 x 400	230/3 x 400	-/3 x 400
Residual current operated circuit breaker (in A)	40/0.03	40/0.03	40/0.03	40/0.03	40/0.03
Number of timer programs	2	2	2	2	2
Weight complete with switch box (in kg)	51.0	52.0	52.0	53.0	53.0
Pump cable set** (Length in m)	50/100	50/100	50/100	50/100	50/100
Order no. (EU & UK Version)	58942	58942	58942	58942	58942

* MIDI 1.50 only available in a three-phase current version.

** Pump cable sets are not included in the scope of delivery and must be ordered separately.



Pumps

5 different capacity pumps in three-phase current and alternating current versions generate different heights and diameters of the water patterns in combination with the respective nozzles (see page 46).



Fountain attachments

5 interchangeable nozzles enable custom water patterns. The height and diameter of specific water patterns varies depending on pump capacity (see page 46).



Accessories: Illumination set

Underwater illumination sets with 3, 6, or 9 spotlights, (each with a 75 watt halogen bulb) can be ordered as an optional extra. See page 53 for information



Switch system

For pump control. Optionally the installation can be extended with a control unit for illumination, dry-run protection, wind control, and colour-changing.

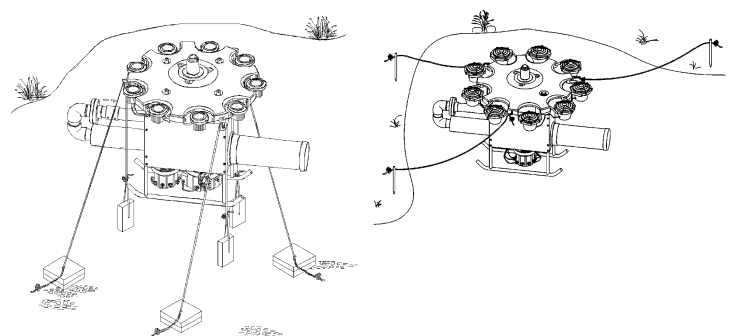
ACCESSORIES

FASTENING SYSTEMS***

Two different systems are available on request for fastening the floating fountain:

[Anchor fastening system](#)

[Bank fastening system](#)



***The anchoring systems shown are for the MAXI floating fountain.

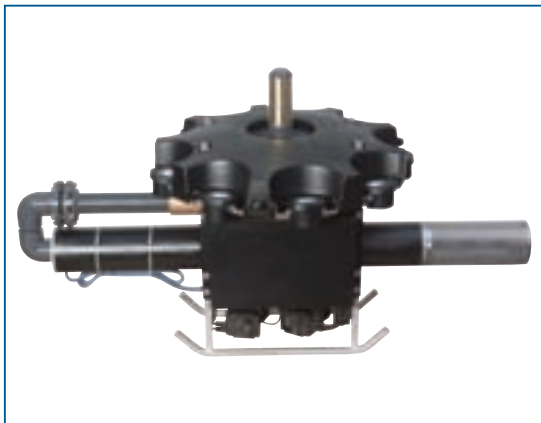


Please find this floating fountain available in North America on page 50.



MAXI FLOATING FOUNTAIN

With the MAXI floating fountain decorative fountains can also be installed on larger bodies of water. Five interchangeable nozzles and four different capacity pumps ensure variety on the water. In the evening hours in particular the water effect appears in a completely new light thanks to optional underwater illumination sets.



Product characteristics at a glance

- Ready-to-connect, complete aggregate including switching system
- MAXI floating fountains are only available in three-phase current versions
- Fountain heights to 18 m
- A broad range of applications on any type of pond or lake
- Easy to install
- Compact, robust design
- Long service life and highly corrosion resistant
- Virtually maintenance free.
- No risk to the environment, the motors are oil-free
- Five interchangeable nozzles for different water patterns (see page 47)
- Four different capacity pumps to choose from
- Three different lighting sets optionally available (3, 6, and 9 spotlights) (see page 56)
- Optional anchoring system available



Floating fountain	MAXI 4.00	MAXI 5.50	MAXI 7.50	MAXI 11.0
Dimensions (L x W x H in mm)	1700x1250x1250	1850x1250x1250	2000x1250x1250	2000x1250x1250
Motor power (three-phase current) (kW)	4.00	5.50	7.50	11.00
Diameter without spotlights (in mm)	1066	1066	1066	1066
Diameter with spotlights (in mm)	1200	1200	1200	1200
Minimum water depth (in mm)	1000	1000	1000	1000
Switch box size L x W x D (in mm)	320 x 320 x 200	640 x 320 x 200	640 x 320 x 200	640 x 320 x 200
Protection class	IP 68	IP 68	IP 68	IP 68
Motor rated current (in A)	10.0	13.6	17.6	24.8
Voltage (in V/50 Hz)	3 x 400	3 x 400	3 x 400	3 x 400
Residual current operated circuit breaker (in A)	40/0.03	40/0.03	40/0.03	40/0.03
Number of timer programs	2	2	2	2
Weight complete with switch box (in kg)	130.0	150.0	155.0	170.0
Pump cable set** (Length in m)	50/100	50/100	50/100	50/100
Order no. (EU & UK Version)	58943	58943	58943	58943

* Pump cable sets are not included in the scope of delivery and must be ordered separately.



Pumps

4 different capacity pumps in combination with different nozzles generate the water patterns with certain heights and diameters (see page 47).



Fountain attachments

5 interchangeable nozzles enable custom water patterns (see page 47).



Accessories: Illumination set

Underwater illumination sets with 3, 6, or 9 spotlights, each spotlight with a 75 watt halogen bulb, can be ordered as an optional extra. See page 53 for information



Switch system

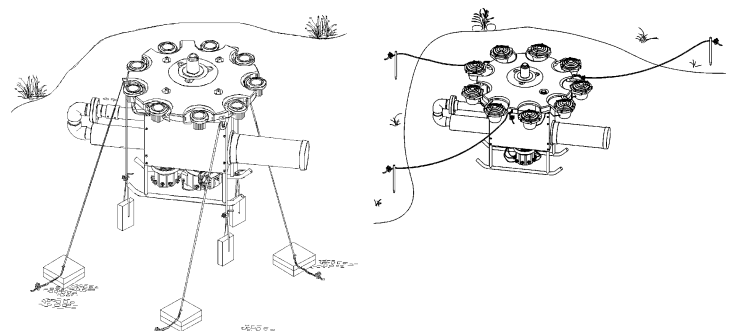
For pump control. Optionally the installation can be extended with a control unit for illumination, dry-run protection, wind control, and colour change.

ACCESSORIES

FASTENING SYSTEMS

Two different systems are available on request for fastening the floating aggregate:

- Anchor fastening system
- Bank fastening system





Please see fountain attachments available in North America on pages 19, 49 and 51.

MIDI FOUNTAIN ATTACHMENTS



Fountain attachments MIDI	Order no.	Pump power	0.37 KW	0.55 KW	0.75 KW	1.1 KW	1.5 KW
1 Sky Cascade K 400V	53299	Fountain height (in m)	1.3	1.7	2.1	3.0	3.8
		Fountain diameter (in m)	1.6	1.7	1.8	1.9	2.0
		Fountain height (in m)	1.1	1.4	1.8	2.5	–
		Fountain diameter (in m)	1.3	1.4	1.5	1.6	–
2 Arch K 400V	53300	Fountain height (in m)	1.8	2.6	3.0	3.8	4.4
		Fountain diameter (in m)	4.4	4.8	3.2	5.2	5.6
		Fountain height (in m)	1.5	2.2	2.5	3.2	–
		Fountain height (in m)	3.7	4.0	2.7	4.4	–
3 Wide Trumpet K 400V	53295	Fountain height (in m)	1.0	1.2	1.4	1.7	2.1
		Fountain height (in m)	4.4	6.4	6.0	6.8	4.8
		Fountain height (in m)	0.8	1.0	1.2	1.4	–
		Fountain height (in m)	3.7	4.0	5.4	5.1	–
4 Trumpet Jet K 400V	53296	Fountain height (in m)	1.3	1.7	2.1	2.6	3.4
		Fountain diameter (in m)	2.9	4.8	3.2	3.6	4.0
		Fountain height (in m)	1.1	2.2	1.4	1.8	–
		Fountain height (in m)	2.4	2.7	3.0	3.4	–
5 Trumpet Geyser K 400V	53297	Fountain height (in m)	1.3	1.7	2.1	2.7	3.4
		Fountain diameter (in m)	2.4	3.2	3.6	4.0	4.8
		Fountain height (in m)	1.1	1.4	1.8	2.3	–
		Fountain diameter (in m)	2.0	2.7	3.0	3.4	–
230V							

See page 42/43 for information on the MIDI complete fountain aggregates.

FOUNTAIN ATTACHMENTS MAXI



Fountain attachments MAXI	Order no.	Pump power	4.0 KW	5.5 KW	7.5 KW	11.0 KW
1 Sky Cascade T 400V	53275	Fountain height (in m)	8.5	10.2	16.2	17.9
2 Wide Trumpet T 400V	53277	Fountain height (in m)	2.6	2.7	2.8	3.0
		Fountain diameter (in m)	11.5	11.5	13.5	14.5
3 Trumpet Jet T 400V	53278	Fountain height (in m)	7.7	10.2	11.9	12.8
		Fountain diameter (in m)	8.0	8.0	8.0	10.0
4 Fog Jet T 400V	53281	Fountain height (in m)	4.7	5.5	7.7	9.4
		Fountain diameter (in m)	2.8	3.2	3.2	3.6
5 Heavy Water Arch T 400V	53282	Fountain height (in m)	3.0	3.4	3.8	4.3
		Fountain diameter (in m)	4.0	5.0	5.0	5.0

See page 44/45 for information on the MAXI complete aggregates



These products are available in North America only.



STRATAVATOR MINI AND MIDI FLOATING FOUNTAIN

OASE StrataVator MINI and MIDI floating fountains can be installed where other standing units can not be used because of variable water levels, where water depth is prohibitive or where the lake bottom is unfavorable. All units ship complete with all components (cable length needs to be specified at time of order). All StrataVator floating fountains are designed for flexible installation and easy maintenance.

Motors are oil-free and water-cooled. The electrical Quick Disconnect makes for easy cable handling during winter storage and maintenance. The nozzle patterns are interchangeable with minimum effort. Lighting is also available (see Page 50).



Product characteristics at a glance

- Easily exchangeable nozzle patterns
- Circulates and aerates water
- Optional lighting
- 3-year Limited Warranty



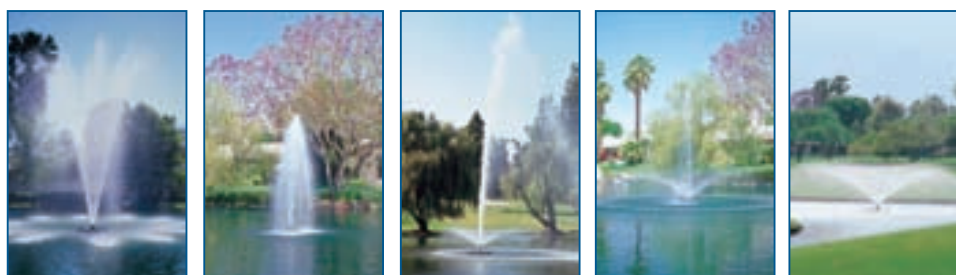
* CSA proven pump technology

StrataVator	MINI – ½HP	MINI – 1HP	MIDI – 1½HP	MIDI – 2HP
Min. Water Depth (ft.)	4	4	5	5
Power Consumption (W / A)	1196 / 10.0	1932 / 8.4	2714 / 12.0	2749 / 26.4
Operating Voltage (V / Hz)	120 / 60	230 / 60	230 / 60	230 / 60
Power Phase	1	1	1	1
Max. Cable Run (ft.)	250	350	600	600
Cable Gauge	see cable chart	see cable chart	see cable chart	see cable chart
Cable Grade (NEC Code)	STW	STW	STW	STW
Order no.	82765	82778	82731	82741

All units include pump, motor, command center, and 10 ft. motor cable with Quick Disconnect

STW Cable Gauge Requirement Cable Run*	MINI – ½HP	MINI – 1HP	MIDI – 1½HP	MIDI – 2HP
0 – 150 ft.	12/3	12/3	12/3	12/4
151 – 200 ft.	10/3	12/3	12/3	12/4
201 – 250 ft.	10/3	12/3	12/3	12/4
251 – 300 ft.	–	12/3	12/3	10/4
301 – 350 ft.	–	12/3	10/3	10/4
351 – 400 ft.	–	–	10/3	8/4
401 – 450 ft.	–	–	10/3	8/4
451 - 600 ft.	–	–	8/3	8/4

* Distance measured for cable run between power source and StrataVator unit. Failure to use required cable gauge and grade will void Oase's Limited Warranty.



Nozzles	Arch			Grand Geyser			Trumpet Geyser			Trumpet Jet			Wide Trumpet		
	Dia(ft)	H(ft)	gpm	Dia(ft)	H(ft)	gpm	Dia(ft)	H(ft)	gpm	Dia(ft)	H(ft)	gpm	Dia(ft)	H(ft)	gpm
½HP Motor	14	11	75	4	8	93	22	9	81	22	10	73	15	2	89
1HP Motor	21	18	98	5	12	125	26	15	110	26	16	96	26	3	121
2HP Motor	24	18	107	6	15	145	30	18	122	36	18	106	29	4	143
5HP Motor	26	20	110	6	18	152	32	21	129	36	22	110	40	6	151
Order no.	31194			31193			31198			31197			31196		

ACCESSORIES

LUNAQUA K5.1 DAISY CHAIN (MINI ONLY)

The Lunaqua K5.1 Daisy Chain provides a romantic, illuminated water display that is easily attached to the float body.

- 3 Lunaqua K5.1 spotlights, 120W each.
- 10 ft. of cable with Quick Disconnect

Order no. 57001

See Page 52 for additional lighting options!



4600 LIGHT

200W light installed in groups of three.

Flood **Order no. 84201**

Spot **Order no. 84211**

NOZZLE REVERSE THREAD ADAPTER

MINI and MIDI nozzles can be used with regular 2-inch pipe – independently of the floating fountain. The nozzle thread is left-handed requires a reverse

and thread adapter for use with standard NPT pipe. **Order no. 86261**

STW CABLE

12/3 **Order no. 85802**

12/4 **Order no. 85803**

10/3 **Order no. 85804**

10/4 **Order no. 85805**

8/4 **Order no. 85807**

6/4 **Order no. 85809**



This product is available in North America only.



STRATAVATOR MAXI FLOATING FOUNTAIN

The MAXI is the workhorse of the StrataVator family allowing for fountain displays above 90 ft. It features an even easier nozzle exchange system than the MINI and MIDI units. MAXIs are shipped completely assembled with all components (cable length needs to be specified at time of order).

All StrataVator Fountains are designed for flexible installation and easy maintenance.

All motors are oil-free and water-cooled. The electrical Quick Disconnect for easy cable handling during winter storage and maintenance. The nozzle patterns are interchangeable with minimum effort. Lighting is also available (see Page 50).



Product characteristics at a glance

- Easily exchangeable nozzle patterns
- Assembled to be ready for installation
- Circulates and aerates water
- Optional lighting
- 3-year Limited Warranty



* CSA proven pump technology

StrataVator	MAXI – 5HP	MAXI – 5HP/3	MAXI – 10HP	MAXI – 15HP
Min. Water Depth (ft.)	5	5	5	5
Power Consumption (W / A)	6061 / 26.3	3738 / 16.3	7900 / 34.4	11350 / 49.4
Operating Voltage (V / Hz)	208–230 / 60	208–230 / 60	208–230 / 60	208–230 / 60
Phase	1	3	3	3
Max. Cable Run (Ft.)	450	450	350	250
Cable Gauge	see cable chart	see cable chart	see cable chart	see cable chart
Cable Grade (Nec Code)	STW	STW	STW	STW
Order no.	82752	82751	82771	82781

All units include pump, motor, command center, and 10 ft. motor cable with Quick Disconnect

STW Cable Gauge Requirement Cable Run*	MAXI – 5HP	MAXI – 5HP/3	MAXI – 10HP	MAXI – 15HP
0 – 150 ft.	10/4	10/4	10/4	8/4
151 – 200 ft.	8/4	8/4	8/4	6/4
201 – 250 ft.	8/4	8/4	6/4	6/4
251 – 300 ft.	6/4	6/4	6/4	–
301 – 350 ft.	6/4	6/4	6/4	–
351 – 400 ft.	6/4	6/4	–	–
401 – 450 ft.	6/4	6/4	–	–

* Distance measured for cable run between power source and StrataVator unit. Failure to use required cable gauge and grade will void Oase's Limited Warranty.



Nozzles	Heavy Water Arch			Fog Jet			Sky Cascade			Trumpet Geyser			Trumpet Jet			Wide Trumpet		
	Dia(ft)	H(ft)	gpm	Dia(ft)	H(ft)	gpm	Dia(ft)	H(ft)	gpm	Dia(ft)	H(ft)	gpm	Dia(ft)	H(ft)	gpm	Dia(ft)	H(ft)	gpm
1/2HP Motor	20	15	365	20	21	162	6	41	150	33	29	265	45	50	167	51	9	395
1HP Motor	23	17	378	22	24	197	6	56	185	37	39	302	45	65	206	54	10	238
2HP Motor	24	18	408	22	23	216	6	66	200	39	39	330	47	72	225	61	10	263
5HP Motor	25	20	444	26	37	250	6	92	228	45	53	370	55	90	264	62	10	311
Order no.	31210			31209			31201			31208			31207			31206		

ACCESSORIES

4600 LIGHT 200W

200W light installed in groups of three.

Flood **Order no. 84201**

Spot **Order no. 84211**

5600 LIGHT 300W

300W light installed in groups of three.

Flood **Order no. 84301**

Spot **Order no. 84311**

K5600 LIGHT 500W

500W light installed in groups of three.

Flood **Order no. 84501**

Spot **Order no. 84511**

STW CABLE

12/4 **Order no. 85803**

10/4 **Order no. 85805**

8/4 **Order no. 85807**

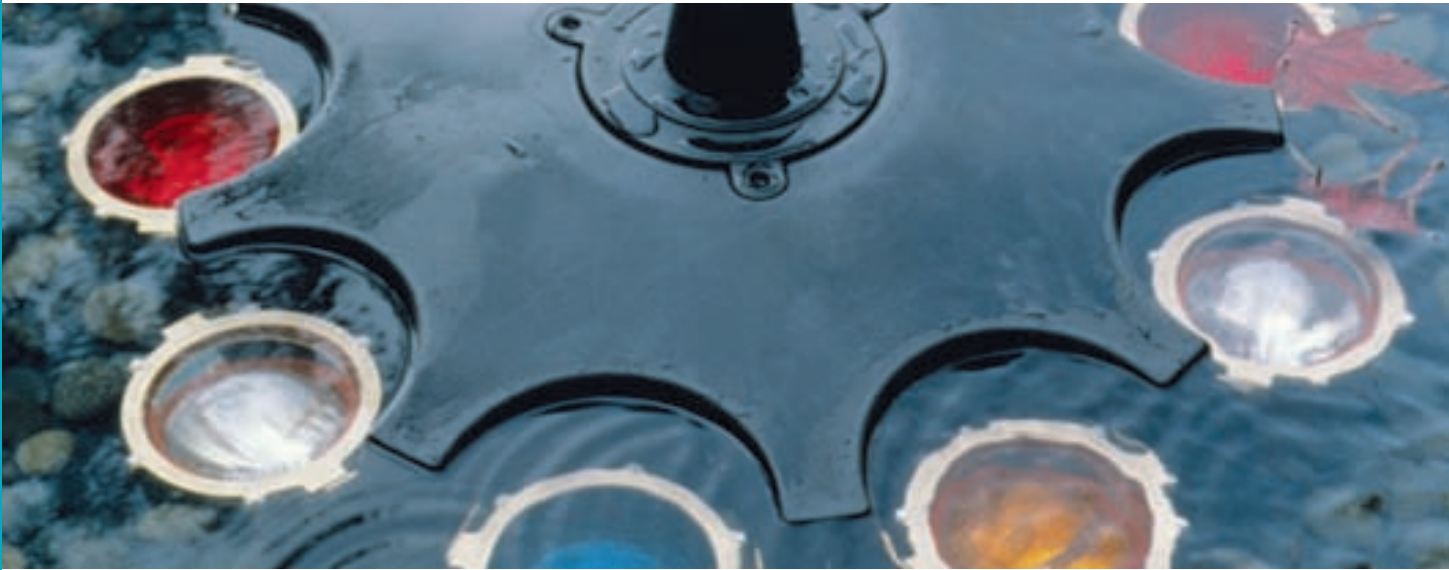
6/4 **Order no. 85809**

See Page 52 for additional lighting options!





These products are available in North America only.



STRATA LIGHTING OPTIONS

StrataFlo and MINI	360W	600W	900W	1500W
Fountain Units	StrataFlo & MINI	StrataFlo & MINI	StrataFlo & MINI	StrataFlo & MINI
Light Model	K5.1	4600	5600	5600
Total Wattage (W)	360	600	900	1500
Operating Voltage (V/Hz)	110-120 / 60			
Max. Cable Run (ft.)	350	600	350	350
Cable Gauge and Grade	see cable chart			
MFL Order no.	—	84222	84309	84509
NSP Order no.	57001	84223	84319	84519

StrataVator MIDI/MAXI	600W	900W	1500W
StrataVator Units	MIDI & MAXI	MIDI & MAXI	MIDI & MAXI
Light Model	4600	5600/300	5600/500
Total Wattage (W)	600	900	1500
Operating Voltage (V/Hz)	110-120 / 60		
Max. Cable Run (ft.)	600	350	350
Cable Gauge and Grade	see cable chart		
MFL Order no.	84201	84301	84501
NSP Order no.	84211	84311	845011

* Daisy Chains include 3 lights, bulbs, mounting hardware and 10 ft. cable with Quick Disconnect.

* Lights include bulbs, 10 ft. of cable. Quick Disconnect not included. Lights for StrataVator fountains must be ordered in multiples of 3.

STW Cable Gauge Requirement Cable Run*	360W	600W	900W	1500W
0 – 150 ft.	12/3	12/3	10/3	10/3
151 – 200 ft.	10/3	12/3	8/3	8/3
201 – 300 ft.	10/3	10/3	6/3	6/3
301 – 350 ft.	10/3	8/3	6/3	6/3
351 – 500 ft.	—	8/3	—	—
501 – 600 ft.	—	6/3	—	—

* Distance measured for cable run between power source and fountain unit. Failure to use required cable gauge and grade will void Oase's Limited Warranty.

ACCESSORIES **MIDI & MAXI LIGHT MOUNTING KIT (FOR 3 LIGHTS)**
 600W Circuit **Order no. 85442**
 900W/1500W Circuit **Order no. 85444**

STW CABLE
 12/3 **Order no. 85802**
 10/3 **Order no. 85804**
 8/3 **Order no. 85806**
 6/3 **Order no. 85808**

WIND CONTROL UNIT
 Single stage wind control adjusts fountain performance in windy conditions.
Order no. 85029

MIDI AND MAXI COLOR BLENDER
 Lighting control for StrataVator fountains with 6 or more lights.
Order no. 85052



These products are available in the EU only.

FLOATING FOUNTAIN & PROFILUX 100 ILLUMINATION SETS



Pond-Jet illumination set		MIDI / MAXI illumination sets		Profilux 100	
<p>The Pond-Jet illumination set enables effective staging of the fountain and thus creates the right atmosphere in the evening.</p>		<p>Illumination sets for OASE MIDI and MAXI floating fountains enable effective staging of the water pattern in evening hours. Optionally available coloured lenses offer additional variety for this effect.</p> <p>Due to the many combination possibilities, illumination for MIDI and MAXI is custom configured.</p>		<p>The OASE Profilux underwater spotlight is outstandingly suited for specific effect lighting of individual fountains, water effects, or plants, due to its compact dimensions. The robust stainless steel design enables ideal implementation in public installations.</p> <ul style="list-style-type: none"> • Combines state-of-the-art lighting technology, elegant impression, robustness, and high light efficiency in a harmonious and functional manner. • High-quality stainless steel spotlight. • Stainless steel bracket for simple and safe installation. • Only suitable for underwater operation! 	
Set 1	Order no. 57083	3 light set	on request		
3 x	Lunaqua 10, each with a 50 W halogen bulb	3 x	Lunaqua 10, each with a 75 W halogen bulb		
3 x	Light mounting brackets	3 x	Light mounting brackets		
1 x	Special stainless steel holder for fastening the transformer under the pump	2 x	Special stainless steel holder for fastening the transformer under the pump		
1 x	Safety transformer 150 VA, 230 V-12 V, 50 Hz	2 x	Safety transformer 150 VA, 230 V-12 V, 50 Hz complete with cable		
20 m	Cable				
		6 light set	on request		
		6 x	Lunaqua 10, each with a 75 W halogen bulb		
		6 x	Light mounting brackets		
		3 x	Special stainless steel holder for fastening the transformer under the pump		
		3 x	Safety transformer 150 VA, 230 V-12 V, 50 Hz complete with cable		
		9 light set	on request		
		9 x	Lunaqua 10, each with 75 W halogen bulb		
		9 x	Light mounting brackets		
		5 x	Special stainless steel holder for fastening the transformer under the pump		
		5 x	Safety transformer 150 VA, 230 V-12 V, 50 Hz complete with cable		
		Coloured lenses	on request		
		blue, yellow, green or red			
		Illumination cable set	on request		
				Dimensions (Ø x H)	154 x 185 mm
				Beam angle	24°
				Light intensity	8500 cd
				Bulb	100 W halogen
				Transformer	230-12 V 50 Hz, 105 VA
				Cable length	7.5 m
				Guarantee (excluding bulb)	3 years
				Order no.	56898



LUNAQUA 10 SYSTEM SPOTLIGHT RANGE

Lunaqua 10 sets atmospheric lighting accents, illuminates plantings, or the surrounding area as well as impressive professional fountain installations.

With this range of spotlights OASE offers you three optimally matched components: A powerful spotlight, the matching 12-volt safety transformer that can also be used underwater, and

appropriate connecting cable with a special connector coupling system. Each of these components are available individually as well as in the Lunaqua 35 set (supplied with a weatherproof transformer, not submersible).



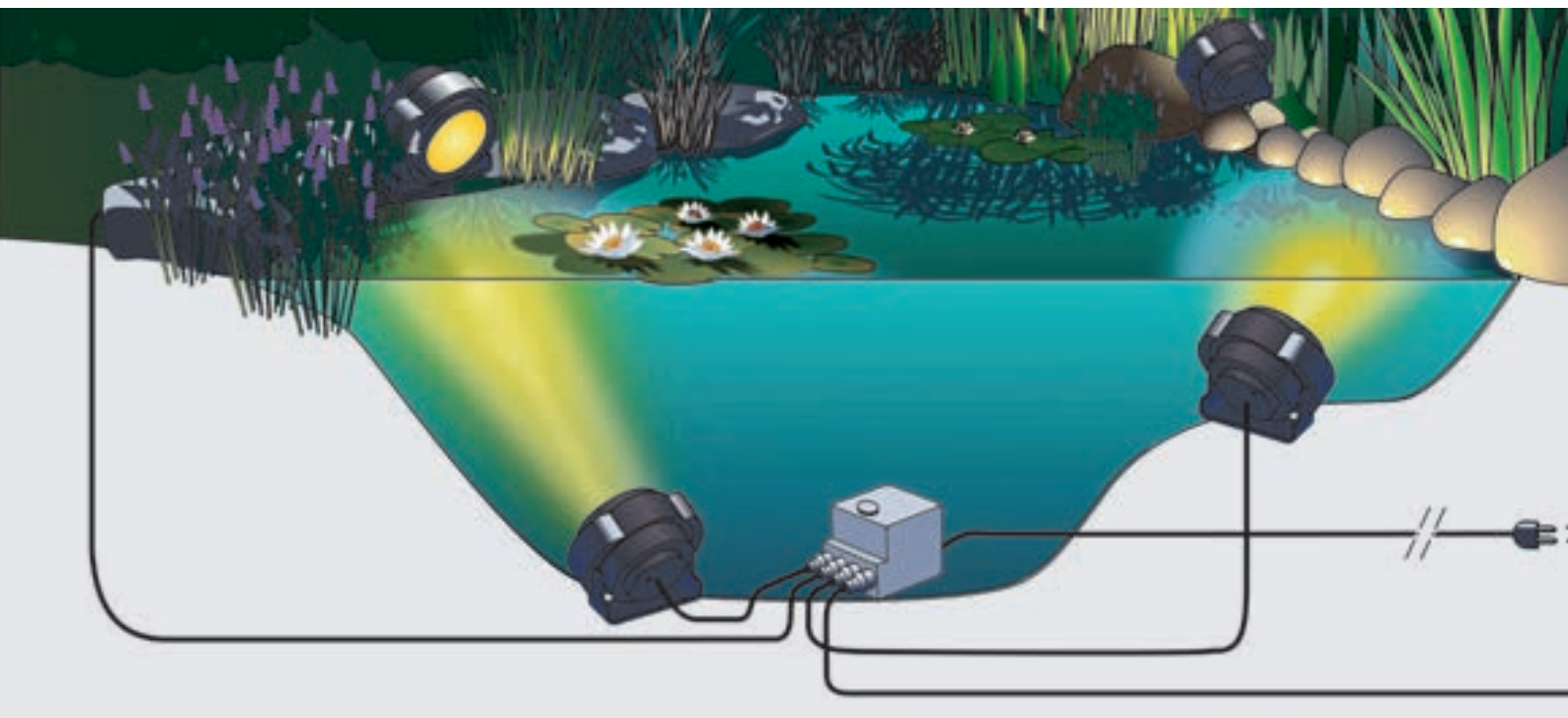
Product characteristics at a glance

- Optimally matched lighting system
- Spotlight and transformer can be used underwater and above the water surface
- Thus the system can bridge large distances between 230 V outlet and transformer with standard cable
- Robust connection technology with many implementation possibilities
- Simple mounting via a connecting cable with convenient special connections





These products are not available in North America.



Lunaqua 10 spotlights	Underwater transformer	Connecting cable	Lunaqua 35 set
<ul style="list-style-type: none"> • Housing made of impact-resistant plastic. • Structured special glass cover and aluminium reflector for optimal light efficiency • Pivot range approximately 180° thanks to the integrated mounting bracket • Supplied without bulb and transformer 	<ul style="list-style-type: none"> • 4 couplings • Connection of 4 x 35 watt, 3 x 50 watt, or 2 x 75 watt halogen spotlights 	<ul style="list-style-type: none"> • With 2 special plugs for connecting the spotlight to the underwater transformer 	Optimally configured complete set comprised of the Lunaqua components:
Dimensions in mm (L x W x H) 145 x 160 x 182	Dimensions in mm (L x W x H) 140 x 140 x 59	Cable 2.5 m, 2 x 1.5 ²	• Lunaqua 10 spotlight
Rated voltage 12 V/50 Hz	Primary voltage 230 V/50 Hz	Weight 0.3 kg	• Ground stake
Bulb max. 35-75 W halogen	Secondary voltage 12 Volt	Order no. 54305	• Mounting bracket
Beam angle 24°	Consumption 150 VA	Cable 5.0 m, 2 x 1.5 ²	• 35-VA weatherproof transformer with 7.5 m cable
Weight 1.1 kg	Cable length 10 m	Weight 0.5 kg	• 35 watt halogen bulb
Guarantee 2 years	Weight 4.5 kg	Order no. 54306	
Order no. 54034	Guarantee 2 years	Cable 7.5 m, 2 x 1.5 ²	
	Order no. 54041	Weight 0.7 kg	
		Order no. 54307	Order no. 54314

ACCESSORIES BULBS

For submerged implementation and implementation above the water surface:

- 12 volt, 35 watt halogen **Order no. 54035**
- 12 volt, 50 watt halogen **Order no. 54036**

Only for underwater operation:

- 12 volt, 75 watt halogen **Order no. 54037**





PROFINAUT 21/27/40

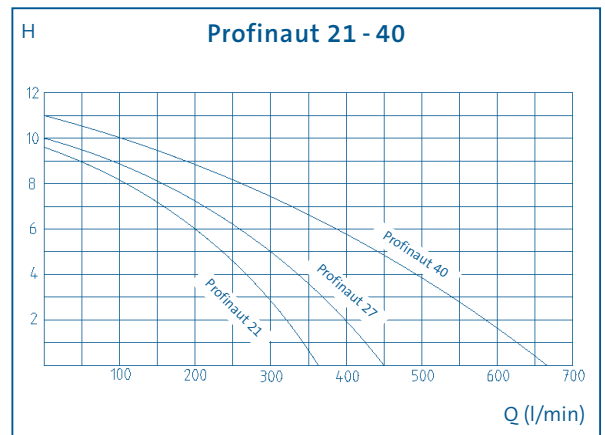
A premium product in three performance variants that provides representative, impressive fountains for sophisticated requirements. Profinaut generates water columns up to 11 metres in height, and offers the reliability of the best OASE technology and easy installation.

Product characteristics at a glance

- Ergonomic handle aligned with the pump's centre of gravity, facilitates transport
- Compact innovative stainless steel design
- Fully capable of withstanding winter conditions, even if the pump is frozen into the pond
- Suitable submersed or dry-installed
- Incl. adapter set for connecting all 1" and 1 1/2" nozzles offered in the OASE product range
- Long service life; high capacity
- 3+2 year guarantee



Pump performance curves





	Lava 45 - 10 E		Vulkan 43 - 3 T		Schaumsprudler 55 - 15 E		Cascade 70 T	
	Especially designed for wind-protected installations and indoor installations		43-jet, 4 tier, jet- ϕ 3 mm, adjustable spray		Water-level independent, foaming fountain, installation above the water surface.		Water-level dependent foam fountain	
	Material: Stainless steel		Material: Tombac		Material: Stainless steel		Material: Tombac	
	ϕ cm	H cm	ϕ cm	H cm	ϕ cm	H cm	ϕ cm	H cm
Profinaut 21	95	45	240	380	-	170	-	-
Profinaut 27	105	45	250	400	-	250	-	-
Profinaut 40	140	45	300	500	-	340	-	350
Order no.	50890		50950		50987		50912	

Accessories for connecting 1" and 1 1/2" nozzles are also included in the Profinaut scope of delivery! Here are a just few examples of nozzle patterns that can be operated.

	Profinaut 21	Profinaut 27	Profinaut 40	Profinaut 6000 NA
Dimensions (LxWxH)	420 x 220 x 266 mm		460 x 234 x 297 mm	17 x 10 x 11 inch
Power consumption in watt	470	645	1000	720
Flow Rate per minute max.	363 l/m	450 l/m	667 l/m	102 g/m
Flow Rate per hour max.	21800 l/h	27000 l/h	40000 l/h	6100 g/h
Max. head height	9.6 m	10 m	11 m	40 ft.
Connection for hoses	1", 1 1/2", 2"			
Pressure-side connection	2"			
Suction-side connection	1 1/2"		2"	2"
Filter surface	1350 cm ²		1650 cm ²	56 sq. in.
Weight	15 kg		17 kg	33 lbs.
Order no.	56870	56871	56872	-
Order no. (NA Version)	57097	-	-	57097

All Profinaut fountain pumps have arated voltage of 220-240 V/50Hz, a cable length of 10 m and are suitable submersed or dry-installed. The full guarantee of 3 years can be extended for an additional 2 years to five years on request.



BIOTOPE FOR THE SOUL

Since time immemorial water has exerted a magnetic attraction on human beings. As no other element water promotes health and relaxation, offers excitement and refreshment. A private swim pond provides all of this for your customers – and much more. Who does not love those wonderful dreamy moments gazing completely absent-mindedly over the water when the world seems to stand still for a moment ...

A TREND BECOMES A FEELING OF BEING ALIVE.

PROFIT FROM THE CURRENT WELLNESS TREND AND MAKE YOUR DREAMS COME TRUE. WITH THE SWIM POND CONCEPTS FROM OASE.

A private swimming pond in the garden – pure wellness and the dream of many garden owners. A dream that can come true thanks to the swim pond concepts from OASE. All of our experience with gardens, pond construction, water quality, and pond technology come together in this area and enable you to offer your customers mature, complete packages.

Our Swimpond modules offer the right concept for every taste, all requirements, and not least for any budget:

- The new Swimpond Set modules in two sizes are particularly well-suited as basic or entry level models, even for do-it-yourself installation.



SWIMPOND SETS 3x3 / 5x3

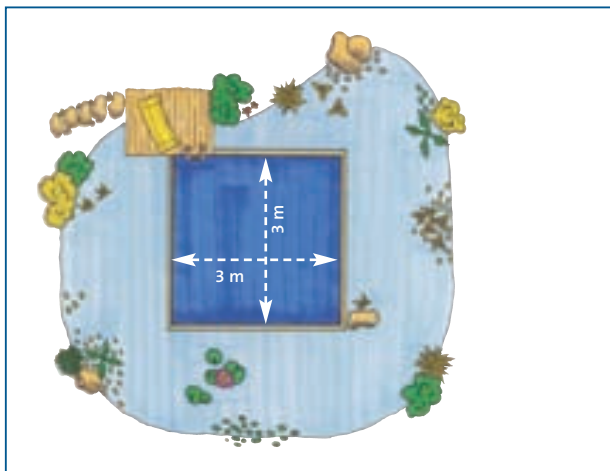
The new Swimpond Set's* represent the first step into the world of OASE swim ponds. This means that the maximum level of safety and competence is guaranteed. In terms of spatial requirements the swimpond SETs have been specially developed for owners of smaller lots, additional clarification ponds are not necessary. All necessary pond construction materials and associated pond technologies are ideally matched and are delivered on pallets. The Sets are designed as Swimpond construction sets for do-it-yourselfers. OASE stockists are pleased to help in the planning and implementation of your Swimpond requirements. In addition to low operating costs as compared with a swimming pool an OASE swim pond also offers the advantage that it can be much more harmoniously integrated in the garden landscape and thus is an attractive eye-catcher throughout the year.

* Without excavation and installation work, gravel, sand, plants, or other decoration

Product characteristics at a glance

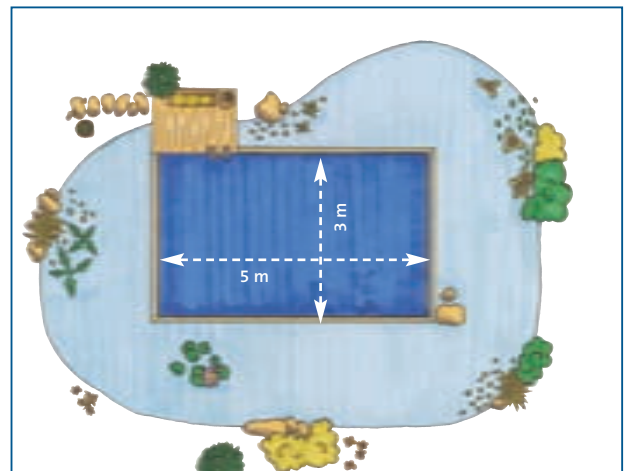
- Efficient filtration thanks to newly developed and perfectly matched compact filter units with skimmer function
- Filter material - sponges, 6 pc. blue 10 PPI, 6 pc. red 30 PPI, and 1x OASE Phosless, easy and convenient to clean
- Innovative, safe and energy-efficient 12 V swim pond pump (12 V, 30 watt, 8000 l/h), unobtrusively integrated in the compact filter unit

- The operating costs for the swim pond drop to 60 EUR per year thanks to the new, energy efficient motor technology of the 12 V Swim-pond pump
- Including complete wall construction for delimiting the swimming area, steel sections brace the frame
- Matching pre-fabricated, olive-green PVC installation liner, (1.2 mm thickness), as well as PES protective fleece (200 g/m²) to protect against liner damage
- With wooden deck 1.2 x 1.6 m as well as a 4-step stainless steel bathing ladder. The larch wood edge delimits the swimming area and thus protects the regeneration zone
- The combination of compact filter unit, skimmer, as well as optimum regeneration zone with pebble border supports the Swimpond's self-cleaning process
- This means that expensive chemical cleaning and disinfecting additives can be dispensed with
- All accessories such as bolts, perimeter strips, and adhesive are included in the set
- You can be sure of the cost calculation because everything is included in a complete package
- 3-year warranty on the entire system



Swimpond SET 3x3* * Without excavation and installation work, gravel, sand, plants, other decoration

Size of the pure swimming zone approx.	9 m ²
Swim depth approx.	to 1.35 m
Water surface approx.	45 m ²
Total surface area approx.	65 m ²
Order no.	57268



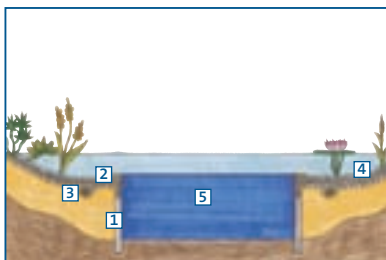
Swimpond SET 5x3* * Without excavation and installation work, gravel, sand, plants, other decoration

Size of the pure swimming zone approx.	15 m ²
Swim depth approx.	to 1.35 m
Water surface approx.	65 m ²
Total surface area approx.	85 m ²
Order no.	57269

The two Swimpond Sets offer the following range of services:

Technology package	Swimpond Set 3x3	Swimpond Set 5x3
Filter system		
Compact filter unit with skimmer-function, cleaning injector and integrated 12 V pump	1	1
Filter granulate		
Phosless filter media tubes	1	1
Circulation/filtration pumps		
Energy-efficient 12 V swim pond pump <small>(30 W, 8000 l/h, only in conjunction with the compact filter unit)</small>	1	1
Surface skimmer		
In conjunction with the compact filter unit	1	1
Entry		
4-step stainless steel entry ladder	1	1
Accessory set		
Pipeline kit, screws, and fittings	1	1
Pond construction		
PVC Swimpond liner 1.2 mm, pre-sized	62 m ²	80 m ²
Protective fleece	140 m ²	170 m ²
Wooden deck 1,2 x 1,6 m	1,2 x 1,6 m	1,2 x 1,6 m
Larch wood edge, perimeter	1	1
Liner transition	1	1
Wall and floor		
ISO sheet metal wall elements, galvanised on both sides and coated with plastic, 60 mm	12	16
Accessories		
Profiles, strips, screws, etc.	1	1

Service package	
Pond construction	
Compl. Construction drawings/building plans	✓
Detailed building instructions	✓
Consulting	
Expert hotline	✓



- 1 **1** Iso wall elements
- 2 **2** Larch wood U-profile
- 3 **3** Ring drainage
- 4 **4** Filter pebbles in the regeneration zone
- 5 **5** Swim area



- 2 **2** High-quality accessories, such as stainless steel screws, perimeter strips and adhesives are included in the set.



- 3 **3** Matching pre-cut, olive-green PVC liner, 1.2 mm in thickness, as well as appropriately dimensioned protective fleece.



- 4 **4** Preparation of the compact filter unit for flanging on the liner; in the photo skimmer flap and 12V pump prior to inserting the filter foam unit.



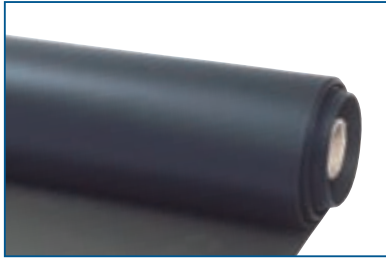
- 5 **5** High-quality larch wood edge divides the regeneration area and fixes the filter pebbles in place.



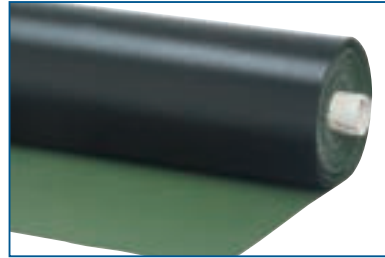
- 6 **6** Assembly of the supplied wooden deck that completely covers the compact filter unit with skimmer.

POND CONSTRUCTION MATERIALS FOR THE OASE SWIMPOND MODULES.

Swimfol Classic*	
Olive-green, extremely rugged PVC swim pond liner	
Thickness	1.5 mm
Dimensions	2 x 15 m
Order no.	37246
* On the roll	



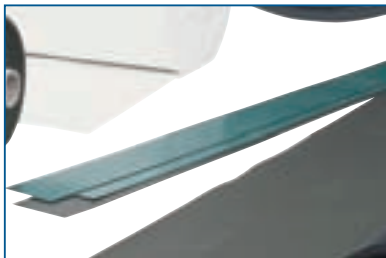
Swimfol Stop*	
Olive-green extremely robust PVC swim pond liner with non-slip coating on one side	
Thickness	1.5 mm
Dimensions	1.65 x 20 m
Order no.	37247
* On the roll	



Swimfol protective fleece*	
White PES protective fleece to protect the liner from damage	
Thickness	500 g/m ²
Dimensions	2 x 40 m
Order no.	37248
* On the roll	



Swimpond liner sheet	
Sheet coated on one side with PVC liner for clean liner edges and seals. The liner is thermally welded to the sheet and forms a strong composite	
Thickness Sheet	0.6 mm + liner 0.6 mm
Dimensions	200 x 10 cm
Order no.	37249



Swimpond pond edge*	
PE strips that function as pond edge or as a capillary barrier for the pond structure	
Thickness	3 mm
Dimensions	1000 x 14.5 cm
Order no.	37250
* On the roll	



Wood stake	
Squared timber with bevelled ends to be driven into the ground to anchor the pond edge with quick-lock screws	
Length	80 cm
Order no.	37251



LINER CONNECTIONS/LINER TRANSITIONS

For the liner connections and passage of pipes and hoses. They consist of one or two pipe adhesive connections and a worked-in liner sleeve that is tightly bonded to the liner through sealing. This connection can withstand extreme stress.

liner connection DA 50	
With single-side adhesive union and liner flange	
Order no.	37252

Liner transition	DA 50	DA 63
With dual-sided adhesive union and liner flange		
Order no.	37254	37255

KG liner transition DN 100	
Liner flange including pipe section	
Order no.	37256



SWIMFLEX

Flexible and extremely rugged PVC conduit for convenient and simple installation of pipelines – particularly in swim ponds. Can be bonded to PVC connection fittings.

Swimflex DA 50*	
Exterior diameter	50 mm
Length	25 m
Order no.	37288
* On the roll	

Swimflex DA 63*	
Exterior diameter	63 mm
Length	25 m
Order no.	37287
* On the roll	













PICTOGRAMS

	2-year guarantee		Energy savings up to 40 %		Manufacturer's declaration that the device corresponds to the European guidelines
	3-year guarantee		Second suction inlet		Tested safety, certified by VDE (Association of German Engineers), includes monitoring of the manufacturing facilities
	3-year request guarantee		Product offers protection against overheating		Device is equipped with a circuit that protects against overheating, e.g. due to dry run, or if the pump is blocked
	5-year request guarantee		Filter has an integrated floor discharge		This product is listed to applicable UL Standards and requirements by Underwriters Laboratories Inc.
	For bodies of water without fish (see selection tables)		Suitable for swim ponds with separate pump chamber		
	For bodies of water with fish (see selection tables)		Can remain in the pond over winter thanks to intelligent frost protection technology.		
	Water surface in m ²		Can be used for spray fountains		
	Maximum suitable size of the body of water		Long service life of 8000 h for OASE UVC bulbs		
	Maximum air displacement quantity		Protection against glare from UV radiation		
	Maximum flow rate				
	Automatic self-cleaning				
	EASY CLEAN – easy cleaning				
	EASY CLEAN PLUS – extremely easy with active cleaning function				
	Skimmer adjusts to the pond surface				

LAKE MANAGEMENT ITEM OVERVIEW

Order no.	Description	Catalogue page	Order no.	Description	Catalogue page
57479	Aqua Air 250 LM	17	31209	Nozzels Fog Jet (NA)	51
57487	Aqua Air 250 NA	17	81406	Nozzels Fuchsia	19
56154	Aquamax 6000 (NA)	33	31193	Nozzels Grand Geysir	49
53300	Arch K 400V	46	31210	Nozzels Heavy Water Arch (NA)	51
53300	Arch K 230V	46	81403	Nozzels Hibiscus	19
57475	Bacto Plus LM	22	31201	Nozzels Sky Cascade (NA)	51
37143	BD 100 (bottom drain)	29	31208	Nozzels Trumpet Geysir (NA)	51
57129	Biotec 36 Screenmatic	26	31198	Nozzels Trumpet Greyser	49
57215	Biotec Screematic 36 (UK)	26	31197	Nozzels Trumpet Jet	49
56518	Biotec Screenmatic 36 (NA)	26	31207	Nozzels Trumpet Jet (NA)	51
56902	Bitron 110 C	32	31196	Nozzels Wide Trumpet	49
57101	Bitron 110C NA	32	31206	Nozzels Wide Trumpet (NA)	51
57478	Bitron 550 LM	31	57091	Optimax 10000	35
57489	Bitron 550 NA	31	57216	Optimax 10000 NA	35
52317	Calyx 36-10 K	41	57092	Optimax 15000	35
36656	CARBONATE PLUS	36	57217	Optimax 15000 NA	35
50912	Cascade 70 T	57	57093	Optimax 20000	35
36661	CRYSTAL PLUS	36	57218	Optimax 20000 NA	35
26984	Filter foams M3, blue/10 PPI narrow	29	57477	Phosless LM	21
26983	Filter foams M3, blue/10 PPI wide	29	57083	Pond-Jet illumination set	53
27295	Filter foams M3, red/30 PPI	29	36658	POND PROTECT	37
27296	Filter foams M5, black/45 PPI narrow	29	57075	Pond-Jet	41
27297	Filter foams M5, black/45 PPI wide	29	56897	Proficlear M1 (pump chamber)	28
53281	Fog Jet T 400V	47	37108	Proficlear M2 (extractor)	28
57476	Ground Clear LM	23	37107	Proficlear M3 (filter element)	29
54035	Halogen bulb 35 W	55	37144	Proficlear M4 (Bioballs)	29
54036	Halogen bulb 50 W	55	37109	Proficlear M5 (phosphate binder)	29
54037	Halogen bulb 75 W	55	26983	Proficlear M3, blue/10 PPI wide	29
53282	Heavy Water Arch T 400V	47	26984	Proficlear M3, blue/10 PPI narrow	29
56886	InScenio FM-Master 4 Profi	34	27295	Proficlear M3, blue/30 PPI	29
52318	Lava 36-10 K	41	27296	Proficlear M5, black/45 PPI narrow	29
50890	Lava 45-10 E	57	27297	Proficlear M5, black/45 PPI wide	29
54034	Lunaqua 10	55	36981	Proficlear M5	29
54305	Lunaqua 10 cable fittings 2.5 m	55	57094	Proficlear Screendrive	28
54306	Lunaqua 10 cable fittings 5.0 m	55	56898	Profilux 100	53
54307	Lunaqua 10 cable fittings 7.5 m	55	56873	Profimax 20000	34
54041	Lunaqua 10 underwater transformer 150	55	57098	Profimax 20000 NA	34
54314	Lunaqua 35 set	55	56874	Profimax 30000	34
58943	MAXI floating fountain 11.0	45	56875	Profimax 40000	34
58943	MAXI floating fountain 4.00	45	56870	Profinaut 21	57
58943	MAXI floating fountain 5.50	45	57097	Profinaut 21 NA	57
58943	MAXI floating fountain 7.50	45	56871	Profinaut 27	57
85052	MIDI and MAXI Color Blender	52	56872	Profinaut 40	57
58942	MIDI floating fountain 0.37	43	56872	Profinaut 40	57
58942	MIDI floating fountain 0.55	43	57097	Profinaut 6000 NA	57
58942	MIDI floating fountain 0.75	43	57134	ProfiSkim 100	24
58942	MIDI floating fountain 1.10	43	55441	Promax 20000	33
58942	MIDI floating fountain 1.50	43	55442	Promax 30000	33
85442	MIDI/MAXI Light Mounting Kit 600 W	52	56737	Replacement foam Biotec 18/36 blue	26
85444	MIDI/MAXI Light Mounting Kit 900 W/1500 W	52	56736	Replacement foam Biotec 18/36 red	26
31194	Nozzels Arch	49	56636	Replacement UVC bulb 55 W	31
81402	Nozzels Camilla	19	50984	Schaumsprudler 35-10 E	41
81400	Nozzels Daffodil	19	50987	Schaumsprudler 55-15 E	57

Order no.	Description	Catalogue page	Order no.	Description	Catalogue page
57480	Skimmer 250 LM	25	37287	Swimflex DA 63 (25 m)	63
57488	Skimmer 250 NA	25	37246	SWIMFOL classic 2 x 15 m	62
53299	Sky Cascade K 230V	46	37256	SWIMFOL KG liner transition DN 100	63
53299	Sky Cascade K 400V	46	37252	SWIMFOL liner connection DA 50	63
53275	Sky Cascade T 400V	47	37254	SWIMFOL liner transition DA 50	63
52981	Spiral hose green 1 1/2" (25 m)	26	37255	SWIMFOL liner transition DA 63	63
36500	Spiral hose green 2" 20 m	26	37248	SWIMFOL protective fleece 2 x 40 m 500 gr.	62
845011	StrataVator MIDI/MAXI 1500W (NSP)	52	37247	SWIMFOL stop 1.65 x 20 m	62
34595	Strata Fuser incl. switch system and 50 m cable	20	37249	SWIMPOND liner sheet	62
82731	Strata Vator MIDI – 1 1/2 HP	49	37250	SWIMPOND pond edge	62
82741	Strata Vator MIDI – 2HP	49	57268	Swimpond Set 3 x 3	60
82765	Strata Vator MINI – 1/2 HP	49	57269	Swimpond Set 5 x 3	60
82778	Strata Vator MINI – 1 HP	49	37251	SWIMPOND wood stake	62
82670	StrataFlo 1/2 HP	19	52270	Telescopic nozzle extension TE 10	41
82671	StrataFlo 1HP	19	53297	Trumpet Geyser K 230V	46
82672	StrataFlo 2HP	19	53297	Trumpet Geyser K 400V	46
82674	StrataFlo 5HP	19	53296	Trumpet Jet K 230V	46
82675	StrataFlo 5HP/3	19	53296	Trumpet Jet K 400V	46
84509	StrataFlo and MINI 1500 W MFL	52	53278	Trumpet Jet T 400V	47
84519	StrataFlo and MINI 1500 W NSP	52	52319	Vulkan 37-2,5K	41
84509	StrataFlo and MINI 1500W (MFL)	52	50950	Vulkan 43-3 T	41/57
84519	StrataFlo and MINI 1500W (NSP)	52	53277	Wide Trumpet T 400V	47
84222	StrataFlo and MINI 360 W MFL	52	53295	Wide Trumpet K 230V	46
57001	Lunaqua K5.1 Daisy Chain	19/49	53295	Wide Trumpet K 400V	46
84309	StrataFlo and MINI 600 W MFL	52	85029	Wind Control Unit	52
84223	StrataFlo and MINI 600 W NSP	52			
84222	StrataFlo and MINI 600W (MFL)	52			
84223	StrataFlo and MINI 600W (NSP)	52		Only available on request:	
84319	StrataFlo and MINI 900 W NSP	52		MIDI/MAXI floating fountain fastening system	43/45
84309	StrataFlo and MINI 900W (MFL)	52		MIDI/MAXI illumination sets	53
84319	StrataFlo and MINI 900W (NSP)	52			
82771	StrataVator MAXI – 10HP	51			
82781	StrataVator MAXI – 15HP	51			
82752	StrataVator MAXI – 5HP	51			
82751	StrataVator MAXI – 5HP/3	51			
84211	StrataVator MIDI/MAXI 600W (NSP)	52			
84501	StrataVator MIDI/MAXI 1500 W MFL	52			
845011	StrataVator MIDI/MAXI 1500 W NSP	52			
84501	StrataVator MIDI/MAXI 1500W (MFL)	52			
84211	StrataVator MiDi/MAXi 600 W NSP	52			
84201	StrataVator MIDI/MAXI 600W (MFL)	52			
84301	StrataVator MIDI/MAXI 900 W MFL	52			
84311	StrataVator MIDI/MAXI 900W (NSP)	52			
84311	StrataVator MIDI/MAXI 900W (NSP)	52			
85805	STW Cable 10/4	19			
85807	STW Cable 8/4	19			
85809	STW Cable 6/4	19			
85803	STW Cable 12/4	19			
85804	STW Cable 10/3	19			
85802	STW Cable 12/3	19			
85808	STW Cable 6/3	52			
85806	STW Cable 8/3	52			
37288	Swimflex DA 50 (25m)	63			



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