



Catalogue

**2014**

**AQUA MEDIC®**



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now available

AQUA MEDIC

# reefdoser EVO 4

4-channel dosing pump incl. external controller



The Aqua Medic **reeferdoser EVO 4** can independently control the four dosing pumps included in the package. The dispensing of the food or additive can be achieved either manually or automatically; all pumps can be calibrated individually. The interval control allows for adjustment of the duration of the on/off cycle for each pump over a broad time span – from seconds to days. **reeferdoser EVO 4** can automate many tasks in an aquarium:

- regular dispensing of trace elements and fertilizers in salt- and fresh water aquarium
- controlled addition of calcium and bicarbonate into coral reef aquaria
- accurate dosing of Kalkwasser
- automatic feeding with live zoo plankton
- the external controller can be placed in a position away from the pumps to make it easy to use and allow for very simple programming.

Expandable to eight dosing pumps with **reeferdoser add 4**

Dimensions **reeferdoser EVO 4**: app. 25 x 13 x 6.4 cm (l x w x h)

Dimensions controller: app. 14 x 6.5 x 3.6 cm (l x w x h)

Incl. 4 m inlet hose (can be adjusted individually) to connect the dosing pumps to the containers with the dosing liquids.

Item Code	EAN Code	Description
104.144	4025901135084	reeferdoser EVO 4
104.145	4025901135169	reeferdoser add 4

Technical changes reserved.

AQUA MEDIC

now available

# blue

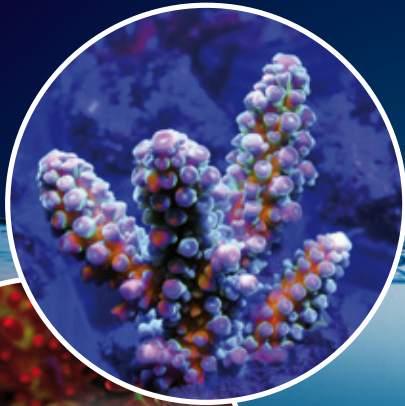
## LED aluminium torch

**AQUA MEDIC**

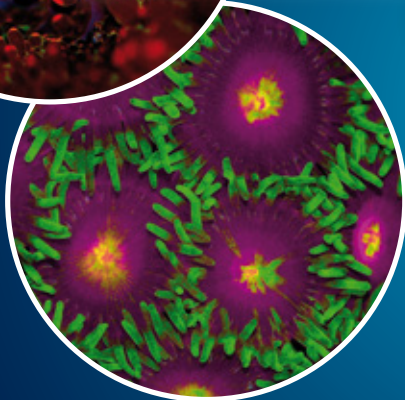
actinic blue LED



3 Watt Cree LED  
app. 220 - 240 lm  
app. 450 - 465 nm



**Corals  
glow in the dark**



Zoom lens

**3-click  
function:**

1. 100%



2. 50%



3. Stroboscope



The Aqua Medic blue makes corals fluoresce in darkness, the actinic blue colour is particularly well reflected by the natural colours of the corals. Thus, it seems like they are fluorescing. The Aqua Medic blue is ideal for watching corals feeding at nighttime as many corals show their feeding tentacles during that time.

Shock resistant and weatherproof, adjustable focus, incl. belt clip and wrist strap. The individual modes can be accessed by pressing the on-off switch.

3 x Micro AAA (LR03) 1.5 V batteries are required (not included).

Item Code	EAN Code	Description
65950	4025901135237	blue

Technical changes reserved.

**AQUA MEDIC**

now available

AQUA MEDIC®

# Denigran



**Supports the natural decomposition of nitrate in salt & fresh water aquaria, also helps clear algae problems.**

Denigran is a type of granular media made of special plastic material to enhance the settlement of nitrate removing bacteria. The main nutrient, nitrate is removed from the algae without any chemical additives; additional feeding of the bacteria is not required. The optimal designed mesh bag gives the best possible water flow past the media. Depending on the population, Denigran will be effective for up to 12 months.

Content: 4 mesh bags of 50 g each

Application: 1–2 bags per 50 liters of aquarium water

Item Code	EAN Code	Description
411.76	4025901133233	Denigran 4 x 50 g

The general delivery and payment terms and conditions are valid. Technical changes reserved.

**AQUA MEDIC®**

now available

# Zeolith



For use in **salt** and **freshwater aquaria** and **ponds**.  
Natural zeolite rock with a highly porous surface.

Item Code	EAN Code	Description
13001	4025901133240	Zeolith 900 g / 10 - 25 mm
13003	4025901133257	Zeolith 6.000 g / 10 - 25 mm

**AQUA MEDIC**



Retaining plate (app. 15 x 15 cm) for holding several coral pins. By using the supplied suction cups, the retaining plate can be placed anywhere on the inner side of the aquarium. Thereby, the frags can be put in an optimal position for illumination. Thus, optimal growth of the frags can be significantly stimulated. Incl. 10 x coral pins.



## frag board

## prefilter bag



optional:  
2x filter bag 4 replacement

Filter bag (Ø app. 12 cm) with 200 µm for use as a pre-filter in a cabinet filter.  
Incl. acrylic holder for max 14 mm glass

Motor-driven, highly efficient CO<sub>2</sub> reactor for use in planted aquaria up to 1,000 liters. Easy fitment within the aquarium with the supplied suction cups.



## reactor +



Item Code	EAN Code	Description
230.04	4025901133561	frag board
429.10	4025901134896	prefilter bag
429.11	4025901135213	filter bag 4 (2 pc.)
71710	4025901133271	reactor +

Item code	EAN-No.	Item
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**Aquaria**



Yasha advanced

560.05 4025901130874 **Yasha advanced**

Saltwater aquarium

Ready to go saltwater aquarium with proven technology and high quality components. **Yasha advanced** combines the full functionality of a reef aquarium in a compact design. The integrated filter compartment guarantees easy maintenance. With Optiwhite® glass.

Equipment:

Current: **NanoProp 5000**, located in the back wall, easily adjustable for desired water moment (12 V, 3 - 7 W). Protein skimmer: **Turboflotor Blue 500** (8 watts), efficient and near silent operation

Light: 3 pcs. LED-lamps **aquasunspot** with 3 x 3 watt each (14,000 K), filter compartment, with high quality acrylic divider and surface skimmer.

Dimensions (l x w x h): c. 30 x 40 x 30 cm, water height c. 28 cm, c. 33,5 l volume



Yasha Stand

560.01 4025901128512 **Yasha Stand** white

Cabinet for **Yasha advanced**

Cabinet can be used for aquariums with dimensions of around 30 x 40 cm. The cabinet is designed especially for the **Yasha advanced** nano reeftank. It is built to support the weight of a full aquarium. The cabinet is of a modern and stylish design, to complement many different styles of living areas. The cabinet is supplied flat packed for easy transportation and home assembly with few parts.

Dimensions (l x w x h): c. 30 x 40 x 100 cm

**Water Volume calculated before gravel or decoration.**

Item code	EAN-No.	Item
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**Aquaria**



565.00 4025901126501 **Blenny**

Saltwater aquarium  
 Ready to go saltwater aquarium with proven technology and high quality components. **Blenny** combines the full functionality of a reef aquarium in a compact design. The integrated filter compartment guarantees easy maintenance. With Optiwhite® glass.  
 Current: **NanoProp 5000**, located in the back wall, easily adjustable for desired water moment (12 V, 3 - 7 W). Protein skimmer: **Turboflotor Blue 500** (8 watts), efficient and near silent operation  
 Light: 3 pcs. LED-lamps **aquasunspot** with each 3 x 3 watt (14,000K), energy saving LED light with high light output  
 Filter: filter compartment, with high quality acrylic divider and surface skimmer  
 Dimensions: (l x w x h): c. 40 x 50 x 40 cm, water height c. 38 cm, c. 76 l volume



565.10 4025901130850 **Blenny advanced**

Saltwater aquarium  
 Ready to go saltwater aquarium with proven technology and high quality components. **Blenny** combines the full functionality of a reef aquarium in a compact design. The integrated filter compartment guarantees easy maintenance. Filter compartment with high quality acrylic divider and surface skimmer. With Optiwhite® glass.  
 Equipment:  
 Current: **NanoProp 5000**, located in the back wall, easily adjustable for desired water moment (12 V, 3 - 7 W). Protein skimmer: **Turboflotor Blue 500** (8 watts), efficient and near silent operation, light: **aquareefLED** with 18 high-power Cree LED's 3 watt each (7 x 3 watt blue and 11 x 3 watt 12,000 K) with a total power of app. 50 watt. Optionally we recommend the use of our **sunrise control** as programmable light control. The white and blue LEDs could be switched separately in groups. Filter: filter compartment.  
 Dimensions: (l x w x h): c. 40 x 50 x 40 cm, water height c. 38 cm, c. 76 l volume



565.01 4025901128529 **Blenny Stand white**

Cabinet for **Blenny & Blenny advanced**  
 Cabinet can be used for aquariums with dimensions of around 40 x 50 cm. The cabinet is designed especially for the **Blenny** & the **Blenny advanced** nano reeftank. It is built to support the weight of a full aquarium. The cabinet is of a modern and stylish design, to complement many different styles of living areas. The cabinet is supplied flat packed for easy transportation and home assembly with few parts.  
 Dimensions (l x w x h): c. 40 x 50 x 100 cm

**Water Volume calculated before gravel or decoration.**

Item code	EAN-No.	Item
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**Aquaria**



570.00 4025901130881 **Cubicus**

**Complete Seawater Aquarium**

Energy saving complete seawater aquarium in stylish design. By the use of perfect and efficient elements for current, filter technique and illumination this complete aquarium guarantees durable and easy care functionality plus a lot of fun in keeping seawater animals. The design is perfectly configured to direct the focus of the observer to the marine wildlife and to let the technique disappear in the background. The appearance is completed through the use of Optiwhite® glass which guarantees the observer the colour rendering of the animals at its best.

Current: **NanoProp 5000** (12 V, 3 – 7 W), integrated into the rear panel

Skimmer: **Turboflotor Blue 500** (8 watts)

Filter technique: integrated filter tank, separated by a high quality glass rear panel with adjustable surface flow.

Illumination: **aquareefLED** with 18 high performance Cree LEDs a 3 W (7 x 3 W blue and 11 x 3 W 12.000 K) with a total operating performance of 50 W. Therefore the keeping of light hungry animals is possible without any problems. Optionally we recommend the use of our **sunrise control** as programmable light control. The white and blue LEDs could be switched separately in groups. The light efficiency is 120 lumen/W.

Dimensions (l x b x h): app. 50 x 60 x 50 cm, water level app. 47 cm, volume app. 140 l.



570.01 4025901130898 **Cubicus Stand white**

**Cabinet for Cubicus**

Cabinet can be used for aquariums with dimensions of around 50 x 60 cm. The cabinet is designed especially for the **Cubicus** nano reeftank. It is built to support the weight of a full aquarium. The cabinet is of a modern and stylish design, to complement many different styles of living areas. The cabinet is supplied flat packed for easy transportation and home assembly with few parts.

Dimensions (l x w x h): c. 50 x 60 x 100 cm



571.00 4025901134513 **Cubicus with cabinet filter system**

**New**

Saltwater aquarium – available now incl. cabinet filter system

- Incl. glass cabinet filter, four-chamber system, pre-filter chamber, two clear water chambers for putting up biological and mechanical filters (e. g. skimmer) and filter media, settling chamber

Dimensions (l x b x h): app. 40 x 47 x 45 cm, water height max. 26 cm, volume max. 47 l

- Illumination: **aquareefLED** with 18 high performance Cree LEDs a 3 W (7 x 3 W blue and 11 x 3 W 12.000 K) with a total operating performance of 50 W

- Circulation pump **Ocean Runner OR 1200**

- Protein skimmer **Turboflotor Blue 500**

- Cabinet, white

Options:

- **sunrise control**, control for **aquareefLED**

- Control cable

- Aqua Medic **Refill-System**

Dimensions (l x b x h): app. 50 x 60 x 150 cm, water level app. 45 cm, volume app. 135 l.

Cubicus with cabinet filter system



Cabinet filter system

**Water Volume calculated before gravel or decoration.**

**Aquariums can be produced with alternative lighting, please inquire.**

Item code	EAN-No.	Item
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**Aquaria**

522.044 4025901131215 **Kauderni**



Kauderni

The stylish way to own a sea water aquarium with plug and play technology. The **Kauderni** is a sophisticated saltwater aquarium that combines stylish design and perfect functionality. Furthermore, it is easy to operate. The saltwater aquarium system is supplied with a cabinet in a white high gloss finish, integrated internal filtration and complete lighting system built into a high-quality aluminium cover. The front glass of the aquarium is constructed with Optiwhite® clear glass and the aquarium includes adjustable active ventilation that can be connected, if necessary.

Filter: Filter compartment incl. **Turboflotor Blue 500** (8 W). Pump: **PF 1000** (10 W) + **NanoProp 5000** (12 V , 3 - 7 W, adjustable). Illumination: 2 x **Ocean Light LED 36 W**  
 Dimensions (l x b x h): 65.5 x 60 x 146 cm (aquarium app. 65.5 x 60 x 60 cm).  
 Water height c. 51 cm, volume app. 200 l.

523.044 4025901134735 **Kauderni with cabinet filter system**

**New**



Kauderni with cabinet filter system

Saltwater aquarium – available now incl. cabinet filter system

- Incl. glass cabinet filter, four-chamber system, pre-filter chamber, two clear water chambers for putting up biological and mechanical filters (e. g. skimmer) and filter media, settling chamber

Dimensions (l x b x h): app. 40 x 47 x 45 cm, water height max. 26 cm, volume max. 47 l

- Illumination: 2 x **Ocean Light LED 36 W**
- Circulation pump **Ocean Runner OR 1200**
- Protein skimmer **Turboflotor Blue 500**
- Cabinet, white

Options:

- **Ocean Light LED Control**
- Control cable
- Aqua Medic **Refill-System**

Dimensions (l x b x h): 65.5 x 60 x 146 cm (aquarium app. 65.5 x 60 x 60 cm).  
 Water height c. 50 cm, volume app. 195 l.

**Water Volume calculated before gravel or decoration.  
 Aquariums can be produced with alternative lighting, please inquire.**

Item code	EAN-No.	Item
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**Aquaria**

- 507.314 4025901131802 **Magnifica 100** white
- 507.344 4025901131819 **Magnifica 100** silver



**Magnifica 100**

Integrated saltwater aquarium system complete with filtration system, lights & cabinet  
 The **Magnifica** is a ready to use system comprising: Aquarium with 10 mm float glass, with a 12 mm Optiwhite® front pane with no stress bars. The filter has got a pure water chamber incl. integrated **PF 1000** (10 W) power head pump that can be operated from above. There is a stream chamber on the right and the left each with a **NanoProp 5000** (current pump adjustable from 2,000 – 5,000 l/h, 12 V, 3 - 7 W) as well as a protein skimmer **Turboflotor Blue 1000** (18 W) with mesh wheel continuously adjustable. Two empty filter cartridges for use with filter media like our **carbolit** or **antiphos Fe**. Power consumption of the whole filter unit only 27 - 35 W depending on the power setting of pumps and fans.  
 The cover is completely closed. The cover includes 2 x **Ocean Light LED 54 W** and 2 x adjustable fans (spray water safe IP55), which can be switched on if required. The power consumption of the fan (3 - 12 V) is only 1.5 - 7 W.  
 Dimensions (l x b x h): app. 100 x 65 x 145 cm (aquarium dimensionsn app. 100 x 65 x 60 cm). Water height c. 49.5 cm, volume app. 320 litres.



**Magnifica 100 white with cabinet filter system**

- 507.414 4025901134766 **Magnifica 100** white with **cabinet filter system**

**New**

Meerwasserkomplettaquarium - Jetzt auch mit Unterschrankfiltersystem  
 - Incl. glass cabinet filter, four-chamber system, pre-filter chamber, two clear water chambers for putting up biological and mechanical filters (e. g. skimmer) and filter media, settling chamber  
 Dimensions (l x b x h): app. 40 x 47 x 45 cm, water height max. 26 cm, volume max. 47 l  
 - Illumination: 2 x **Ocean Light LED 54 W**  
 - Circulation pump **Ocean Runner OR 1200**  
 - Protein skimmer **Turboflotor Blue 1000**  
 - Cabinet, white  
 Options:  
 - **Ocean Light LED Control**  
 - Control cable  
 - Aqua Medic **Refill-System**  
 Dimensions (l x b x h): app. 100 x 65 x 145 cm (aquarium dimensionsn app. 100 x 65 x 60 cm). Water height c. 50 cm, volume app. 325 litres.



**Magnifica 130 white with cabinet filter system**

- 508.414 4025901134841 **Magnifica 130** white with **cabinet filter system**

**New**

Saltwater aquarium – available now incl. cabinet filter system  
 - Incl. glass cabinet filter, four-chamber system, pre-filter chamber, two clear water chambers for putting up biological and mechanical filters (e. g. skimmer) and filter media, settling chamber  
 Dimensions (l x b x h): app. 50 x 47 x 45 cm, water height max. 26 cm, volume max. 60 l  
 - Illumination: 2 x **Ocean Light LED 72 W**  
 - Circulation pump **ECO Runner 2700**  
 - Protein skimmer **Turboflotor Blue 1000**  
 - Cabinet, white  
 Options:  
 - Aqua Medic **Refill-System**  
 Dimensions (l x b x h): app. 130 x 65 x 145 cm (aquarium dimensionsn app. 130 x 65 x 60 cm). Water height c. 50 cm, volume app. 425 litres.



**Water Volume calculated before gravel or decoration.  
 Aquariums can be produced with alternative lighting, please inquire.**

Item code	EAN-No.	Item
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Anthias 160 beech

**Aquaria**

<b>Anthias 160 with Fish Station:</b>		
531.00	4025901121032	black
531.03	4025901121049	beech
531.04	4025901120578	silver

<b>Anthias 160 with Reef Station:</b>		
531.10	4025901130362	black
531.13	4025901130379	beech
531.14	4025901130386	silver

Delivery without Fish station or Reef Station is possible.

<b>Lighting recommendation:</b>		
86614	4025901131017	<b>Ocean Light LED 72 W/120 cm</b> (2 pc. necessary)
83214150	4025901123616	<b>aquasunLED 150 W dark silver</b>
83214300	4025901133172	<b>aquasunLED 300 W dark silver</b>

<b>Optional - filter features:</b>		
80818	4025901116137	<b>Helix Max</b> 18 Watt
502.75	4025901133004	<b>Refill-System</b>

Saltwater aquarium  
 Front covers made of anodised aluminium - silver, cabinet finished in walnut.  
 High-quality closed glass filter with sliding doors, trickle filter and skimmer **Turboflotor Blue 3000 (Fish Station)** or **aCone 1.5 (Reef Station)**. Circulation pump **ECO Runner**. Prepared for the installation of UV - **Helix Max** 18 Watts and **Refill-System**.  
 Overall dimensions (l x b x h): app. 163 x 67 x 146 cm  
 (Aquarium app. 160 x 67 x 70 cm - 12 mm glass thickness)  
 Water height c. 60 cm, volume app. 640 l.



Anthias 200 beech

532.031	4025901121100	<b>Anthias 200</b> beech
Delivery without filter system is possible.		
<b>Lighting recommendation:</b>		
83214100	4025901123609	<b>aquasunLED 100 W dark silver</b> (2 pc. necessary)
83214200	4025901133165	<b>aquasunLED 200 W dark silver</b> (2 pc. necessary)

<b>Optional - filter features:</b>		
502.75	4025901133004	<b>Refill-System</b>

Saltwater aquarium  
 Front covers made of anodised aluminium - silver, cabinet finished in walnut.  
 High-quality closed glass filter with sliding doors, trickle filter and skimmer **aCone 1.5**.  
 Circulation pump **ECO Runner 6000**.  
 Overall dimensions (l x b x h): app. 202.5 x 70.5 x 146 cm  
 (Aquarium app. 200 x 68 x 70 cm - 12 mm glass thickness)  
 Water height c. 60 cm, volume app. 810 l.

**Water Volume calculated before gravel or decoration.  
 Aquariums can be produced with alternative lighting, please inquire.**

Item code	EAN-No.	Item
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**Aquaria**



Padova Ash grey

**New**

502.30	4025901120202	<b>Padova</b> red
502.37	4025901134506	<b>Padova</b> Ash grey Other colors available on request!
Delivery without filter is possible.		
<b>Lighting recommendation:</b>		
83214150	4025901123616	<b>aquasunLED 150 W dark silver</b>
83214300	4025901133172	<b>aquasunLED 300 W dark silver</b>

Saltwater aquarium

Glass thickness: 15 mm, stand from stainless steel with cabinet and glass doors.

Filtersystem: High-quality closed glass filter with sliding doors, trickle filter and skimmer **aCone 1.5**. Circulation pump **ECO Runner**.

Prepared for the installation of UV - **Helix Max** 18 Watts.

Dimensions over all (l x b x h): app. 140 x 70 x 154 cm, Aquarium without front covers and stress bars (app. 140 x 70 x 60 m)

Water height c. 57 cm, Volume app. 550 l



Tridacna 200 beech

502.22	4025901119985	<b>Tridacna 200</b> beech
502.23	4025901119992	<b>Tridacna 200</b> RAL
Delivery without filter is possible.		
<b>Lighting recommendation:</b>		
83214100	4025901123609	<b>aquasunLED 100 W dark silver</b> (2 pc. necessary)
83214200	4025901133165	<b>aquasunLED 200 W dark silver</b> (2 pc. necessary)

Saltwater aquarium system

The **Tridacna 200** panoramic aquarium is a ready to use aquarium system with cabinet, filter system and lighting. Aquarium: 15 mm (c. 0.6") float glass, Central overflow chamber with overflow comb and trickle plates. Solid timber trim.

Cabinet: fully assembled in beech, custom colours are also available, filtration: high-quality closed glass filter with sliding doors, trickle filter, skimmer and additional equilibration tank.

Over all dimensions (l x w x h): app. 203.5 x 73.5 x 169 cm, (c. 81.4" x 29.4" x 67.6"),

Dimensions including frame: 200 x 73.5 x 87 cm (c. 80" x 29.4" x 34.8").

Water height c. 70 cm (c. 28"), Volume: app. 980 l (app. 258 gal).

**Water Volume calculated before gravel or decoration.**

**Aquariums can be produced with alternative lighting, please inquire.**



**Accessories Aquaria**

511.10	4025901119954	<b>fishknob Angel</b> / pair
511.11	4025901120011	<b>fishknob Discus</b> / pair
511.12	4025901120028	<b>fishknob Seahorse</b> / pair

Attractive door-knobs



Item code	EAN-No.	Item
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**Seasalt**

301.25	4025901130959	<b>Reef Salt Nano</b> 1020 g tub
301.10	4025901100105	<b>Reef Salt</b> 4 kg bucket
301.00	4025901100136	<b>Reef Salt</b> 20 kg carton
301.01	4025901112887	<b>Reef Salt</b> 25 kg bucket

Aquarium salt for all modern reef aquaria

**Reef Salt** is a dynamic new formulation, specifically designed for the needs of the modern reef aquarium. **Reef Salt** is blended from chemically pure raw materials, continuously quality controlled, achieves elevated levels of calcium and alkalinity reserve without resorting to harmful chelating agents, contains all the essential trace elements and enhanced levels of Strontium and Iodine, contains no nitrates or phosphates, dissolves easily and leaves no residue.

300.00	4025901100075	<b>Aqua Medic seasalt</b> 20 kg bag
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Synthetic seasalt for aquaria

**Aqua Medic seasalt** is a top quality product, fulfilling all the requirements of a modern synthetic seasalt. It is formulated from highly purified compounds, and contains a pH buffer and all the essential trace elements needed for saltwater aquaria. It dissolves quickly, leaving no residue, and can be used very shortly after being mixed. Its quality has been proven by its selection by numerous public aquaria, many leading wholesalers of saltwater fish, and thousands of coral reef and fish aquaria. It is the economic solution for large scale applications.

**Hydrometer**

65900	4014694659006	<b>salimeter</b>
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**salimeter** is a density meter (hydrometer) allowing easy measurement of the specific gravity of saltwater in aquaria. **salimeter** has a measuring range of 1,000 to 1,040, with graduations at every 0.001 and an accuracy of  $\pm 0.0005$  at 25 °C (77 °F). Dimensions: length app. 27 cm, Ø app. 2 cm

65910	4014694659105	<b>refractometer</b>
65920-1	4025901117479	<b>Test fluid 35 ppm for refractometer 60 ml</b>

Temperature compensated **refractometer** for the determination of salinity

The **refractometer** is a precision optical instrument used to determine the salt concentration in saltwater aquariums. Its exact value can be determined in seconds and can be read either as absolute salt concentration (°/‰, ppt) or as specific density (kg/l). When a beam of light enters the **refractometer** it is bent or „refracted“ by the water in the test panel. This refraction is proportional to the salinity of the sample and can be directly read by viewing the internal scale. As salinity varies in inverse proportion to temperature **refractometer** is fully temperature compensated. The strong plastic carrying case contains the **refractometer**, a pipette for the water sample, a screw driver for calibration and full instructions.



salimeter



refractometer



Item code	EAN-No.	Item
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**Salt Water Supplements**

**REEF LIFE System Coral**

The complete solution for supplying reef aquaria with calcium and trace elements without ion shift.

The 3 component system consists of the following components:

- Calcium (System Coral A) for increasing the calcium content
- KH Buffer (System Coral B) for increasing the carbonate hardness
- Trace (System Coral C) provides essential trace elements

For each dosing spoon of KH Buffer, 2 ml of the other two components have to be added.



350.001	4025901128895	<b>REEF LIFE System Coral A Calcium</b> 100 ml
350.002	4025901128901	<b>REEF LIFE System Coral A Calcium</b> 250 ml
350.010	4025901128918	<b>REEF LIFE System Coral A Calcium</b> 1000 ml
350.050	4025901128925	<b>REEF LIFE System Coral A Calcium</b> 5000 ml

Highly concentrated calcium additive for enhanced coral growth  
Provides optimum calcium content in the aquarium that can be maintained simply with **REEF LIFE System Coral Calcium**.



351.001	4025901129182	<b>REEF LIFE System Coral B KH Buffer</b> 300 g/ 315 ml can
351.010	4025901129199	<b>REEF LIFE System Coral B KH Buffer</b> 1000 g/ 1000 ml can

Carbonate buffer stabilizes the pH value for a healthy aquarium  
**REEF LIFE System Coral KH Buffer** for increasing the alkalinity.



350.201	4025901128932	<b>REEF LIFE System Coral C Trace</b> 100 ml
350.202	4025901128949	<b>REEF LIFE System Coral C Trace</b> 250 ml
350.210	4025901128956	<b>REEF LIFE System Coral C Trace</b> 1000 ml
350.250	4025901128963	<b>REEF LIFE System Coral C Trace</b> 5000 ml

Contains vital trace elements for fish, corals and invertebrates  
Provides salt water aquaria with vital trace elements such as boron, chrome, cobalt, copper, fluoride, iron, manganese, molybdenum and zinc. **REEF LIFE System Coral Trace** does not contain any chelating agents.



351.310	4025901129205	<b>Kalkwasser powder</b> 350 g/1000 ml can
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For enhanced calcium supply during water top up  
The addition of Kalkwasser has several positive effects on the water in a reef aquarium. The calcium level increases, the phosphate concentration is reduced by precipitation and the pH value increases. The growth of hair algae is decreased and the development of calcareous algae is encouraged.



350.401	4025901128970	<b>REEF LIFE Iodine</b> 100 ml
350.402	4025901128987	<b>REEF LIFE Iodine</b> 250 ml
350.410	4025901128994	<b>REEF LIFE Iodine</b> 1000 ml
350.450	4025901129007	<b>REEF LIFE Iodine</b> 5000 ml

3 component iodine for healthy coral growth and bright colours  
**REEF LIFE Iodine** is an iodide additive especially developed for salt water aquaria. It supplies both fresh and salt water aquaria with iodide and organic and elementary iodine. Whereas iodide and elementary iodine are immediately available for the animals and plants, the organic bond releases iodine slowly and ensures a long term supply. Iodine is an essential trace element for all invertebrates and especially for crustacea which require iodide to assist in sloughing off their shell. When provided with iodine, corals show better growth and more intense colouring.



350.501	4025901129014	<b>REEF LIFE Strontium</b> 100 ml
350.502	4025901129021	<b>REEF LIFE Strontium</b> 250 ml
350.510	4025901129038	<b>REEF LIFE Strontium</b> 1000 ml
350.550	4025901129045	<b>REEF LIFE Strontium</b> 5000 ml

For healthy structure of skeleton of hard corals  
**REEF LIFE Strontium** contains strontium ions in a form that can be easily assimilated by all invertebrates. It is essential for the production and the maintenance of the skeleton of hard corals, the shells of reef mussels and calcareous algae. In the sea, the strontium concentration is about 8 mg/l. There can be a lack of strontium in the aquarium if it isn't re-dosed regularly.



350.601	4025901129052	<b>REEF LIFE Magnesium</b> 100 ml
350.602	4025901129069	<b>REEF LIFE Magnesium</b> 250 ml
350.610	4025901129076	<b>REEF LIFE Magnesium</b> 1000 ml
350.650	4025901129083	<b>REEF LIFE Magnesium</b> 5000 ml

For natural structure of skeleton of corals and calcareous algae  
For regular supply of sea water aquaria with normal magnesium need. For aquaria with heavy magnesium consumption, we recommend **REEF LIFE Magnesium compact**.

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**Salt Water Supplements**



- 351.601 4025901129120 **REEF LIFE Magnesium compact** 250 g/315 ml can
- 351.610 4025901129137 **REEF LIFE Magnesium compact** 800 g/1000 ml can

For natural structure of skeleton of corals and calcareous algae  
Concentrated magnesium additive for sea water aquaria.



- 351.101 4025901129144 **REEF LIFE Calciumbuffer compact** 250 g/315 ml can
- 351.110 4025901129151 **REEF LIFE Calciumbuffer compact** 800 g/1000 ml can

To increase the calcium level and alkalinity  
The perfect solution for calcium supply. The **Calciumbuffer compact** contains calcium and carbonate buffer in an optimum relation.



- 351.201 4025901129168 **REEF LIFE Balance** 250 g/315 ml can
- 351.210 4025901129175 **REEF LIFE Balance** 800 g/1000 ml can

Avoids ion shift  
The use of calcium chloride and sodium hydrogen carbonate will lead to sodium chloride as a by-product that will cause an ion shift on a long-term basis. In order to avoid this, sea salt containing no sodium chloride has to be added according to the originated quantity sodium chloride so that pure sea salt arises beside the desired lime.



- 350.101 4025901129090 **REEF LIFE OptiClean** 100 ml
- 350.102 4025901129106 **REEF LIFE OptiClean** 250 ml
- 350.110 4025901129113 **REEF LIFE OptiClean** 1000 ml

Liquid filter medium applicable for sea and fresh water aquaria - the quick troubleshooter **OptiClean** contains effective activated micro particles from highly pure Clinoptilolite, a natural mineral. Contaminants such as heavy metals and pesticides attach to that mineral and then they can be removed with a fine filter from the water. In the sea water aquarium, they are also removed with the skimmer. The result is extremely clear and low-pollution water. The animals feel again well.



aquaspoon

- 65930 4025901128826 **aquaspoon**

Spoon scale for measuring of chemicals and other additives for aquaria  
Max. 300 g, reading accuracy 0,1 (g, oz, gn, ct), with 2 bucket sizes.



- 410.95 4025901118469 **Dolomite** 1 l/1250 g

Magnesium and calcium release media for the calciumreactor  
It increases the calcium and the magnesium levels of the water. We recommend its addition at a rate of 25 % to our **Hydrocarbonate**.



- 410.91-1 4025901101157 **Hydrocarbonate** 1 l tub fine (c. 0.25 gal)/1 kg
- 410.91-2 4025901101164 **Hydrocarbonate** 1 l tub medium (c. 0.25 gal)/1 kg
- 410.91-3 4025901101171 **Hydrocarbonate** 1 l tub coarse (c. 0.25 gal)/1 kg
- 410.92-1 4025901101188 **Hydrocarbonate** 5 l bucket fine (c. 1.3 gal)/8 kg
- 410.92-2 4025901101195 **Hydrocarbonate** 5 l bucket medium (c. 1.3 gal)/8 kg
- 410.92-3 4025901101201 **Hydrocarbonate** 5 l bucket coarse (c. 1.3 gal)/8 kg
- 410.93-1 4025901101218 **Hydrocarbonate** 15 l bucket fine (c. 3.9 gal)/21 kg
- 410.93-2 4025901101225 **Hydrocarbonate** 15 l bucket medium (c. 3.9 gal)/21 kg
- 410.93-3 4025901101232 **Hydrocarbonate** 15 l bucket coarse (c. 3.9 gal)/21 kg

**Hydrocarbonate** is a pure natural product  
It is used in calciumreactors, and may be used in filters to increase the hardness of water, and as a substrate material in marine or Malawi/Tanganyika aquaria. A natural calcium-carbonic acid equilibrium is created in all aquariums with an alkaline pH value, and in a calciumreactor supplied with CO<sub>2</sub>, the **Hydrocarbonate** is completely dissolved to calcium bicarbonate, becoming available for assimilation by hard and many soft corals, sponges, echinoderms, etc. **Hydrocarbonate** available in 3 grain sizes and 3 packaging sizes: fine (1 - 2 mm) for 'hardening' filters, medium (3 - 5 mm) for calciumreactors, coarse (12 - 15 mm) as filter material.



- 420.25-1 4025901128468 **Aqua Medic Coral Sand** 0 - 1 mm 5 kg (11 lbs) bag
- 420.25-2 4025901128475 **Aqua Medic Coral Sand** 2 - 5 mm 5 kg (11 lbs) bag
- 420.25-3 4025901128482 **Aqua Medic Coral Sand** 10 - 29 mm 5 kg (11 lbs) bag
- 420.20-1 4025901128437 **Aqua Medic Coral Sand** 0 - 1 mm 10 kg (22 lbs) bag
- 420.20-2 4025901128444 **Aqua Medic Coral Sand** 2 - 5 mm 10 kg (22 lbs) bag
- 420.20-3 4025901128451 **Aqua Medic Coral Sand** 10 - 29 mm 10 kg (22 lbs) bag
- 420.15-1 4025901101386 **Aqua Medic Coral Sand** 0 - 1 mm 25 kg (55 lbs) bag
- 420.15-2 4025901101454 **Aqua Medic Coral Sand** 2 - 5 mm 25 kg (55 lbs) bag
- 420.15-3 4025901101461 **Aqua Medic Coral Sand** 10 - 29 mm 25 kg (55 lbs) bag

Natural substrate  
Cleaned and without additives. Suitable for all marine and malawi aquariums.



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**Special Nutrition**



340.001	4025901129212	<b>plancto</b> 100 ml
340.002	4025901129229	<b>plancto</b> 250 ml
340.010	4025901129236	<b>plancto</b> 1000 ml
340.050	4025901129243	<b>plancto</b> 5000 ml

Concentrated food for corals and invertebrates

**plancto** is a pH stabilized, high quality concentrated food for the nutrition of plankton and marine invertebrates. Its unique composition and its particle size of 25 - 200 µm makes it especially suitable for plankton feeders. It is also an excellent single food source for rearing artemia. The inclusion of high taste elements results in visible stimulation of feeding tentacles to encourage high nutrient take up. Even if overdosed it is impossible to effect the animals digestive systems.



341.001	4025901129250	<b>life A</b> 100 ml
341.002	4025901129267	<b>life A</b> 250 ml

Decapsulated artemia cysts decapsulated artemia eggs

**life A** contains app. 4 million decapsulated artemia cysts which can be hatched in the same way as encapsulated cysts. The hatched nauplia are shell free so they do not have to be separated off. The shells can cause problems for young fish as they can eat them and die of constipation. By using **life A**, rearing seahorses etc. becomes simple as the decapsulated cysts can be fed directly.



342.001	4025901129274	<b>aquabiovit</b> 100 ml
342.002	4025901129281	<b>aquabiovit</b> 250 ml

Vital vitamins for fish and invertebrates

**aquabiovit** is a multi vitamin compound for use in fresh and sea water. It's formulation is suited to both, fish and invertebrates. It's regular use enhances growth, strengthens the immune system and increases the willingness to spawn.



342.101	4025901129298	<b>aminovit</b> 100 ml
342.102	4025901129304	<b>aminovit</b> 250 ml

Contains all vital amino acids and vitamins

Amino acid concentrate for coral reef aquaria. Additional food for invertebrates, in particular for LPS, but also for gorgonians, tube worms and sponges. The animals ingest directly - the colours improve and the tissue growth is accelerated. **aminovit** is also ideal for enriching the dry or frozen food. Or soak the food in an equivalent quantity prior to feeding.

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**Plankton**

35015 4014694350156 **aquabreed 1000**

Artemia cultivation unit  
 A cultivation unit for hatching larger quantities of artemia cysts. The unit can be installed inside or outside the aquarium. The unit may also be used for growing on adult artemia. Capacity: 2,000,000 cysts per hatch.  
 Contents: **aquabreed 1000** reactor (app. volume 1 litre), support plate. Ø app. 8 cm (c. 3.24"). Length: app. 45 cm (c. 18"). Hose connection: 6 mm (c. 1/4")

35005 4014694350057 **plankton reactor**

Zooplankton cultivation unit  
 Many species of salt- and freshwater zooplankton can be cultivated in the **plankton reactor**. The zooplankton is fed with micro-algae from the **plankton light reactor**. The zooplankton has great growth potential: under optimal algal nutrition the number of rotifers (Brachionus) may double over four days. Brachionus is the ideal food for raising many marine fish larvae and invertebrates in the saltwater aquarium.  
 Contents: **plankton reactor** app. volume 2.5 litre (c. 0.65 gal), wall bracket and connections for air pump. Ø 8 cm (c. 3.2"). Length: 80 cm (c. 32"). Hose connection: 6 mm (c. 1/4")

35000 4014694350002 **plankton light reactor**

Phytoplankton (Micro-algae) cultivation unit  
 The **plankton light reactor** is a simple system for producing plankton in a natural food chain. Within the **plankton light reactor**, micro-algae are produced with light, fertiliser and CO<sub>2</sub>. The micro-algae can be fed directly to many filter-feeding invertebrates, and especially to zooplankton. The growth rate of the micro-algae in the **plankton light reactor** is enormous. If the supply of light, CO<sub>2</sub> and nutrients is continuous, the biomass of the algae may increase four-fold within 24 hours. Both fresh- and saltwater species of phytoplankton can be cultivated.  
 Contents: **plankton light reactor** app. volume 2.5 l (c. 0.65 gal), wall bracket, connections for air pump, lighting unit with fluorescent lamp (18 W), special reflector and fixing clamps. Ø app. 8 cm (c. 3.2"). Length: app. 80 cm (c. 32"). Hose connection: 6 mm, (c. 1/4")



**Algal resources**

420.001 4025901130607 **REEF LIFE antired** 100 ml  
 420.002 4025901130614 **REEF LIFE antired** 250 ml  
 420.010 4025901130621 **REEF LIFE antired** 1000 ml  
 420.050 4025901130638 **REEF LIFE antired** 5000 ml

Eliminates red slime algae  
**antired** will successfully eliminate red slime algae in saltwater aquaria. **antired** is safe with invertebrates, is not harmful to nitrifying bacteria and enhances macro algae growth. During treatment, the skimmer has to remain switched on and the carbon filter has to be switched off. The dead algae should be removed rapidly by a power filter.



420.101 4025901130645 **REEF LIFE pointex** 100 ml  
 420.102 4025901130652 **REEF LIFE pointex** 250 ml  
 420.110 4025901130669 **REEF LIFE pointex** 1000 ml  
 420.150 4025901130676 **REEF LIFE pointex** 5000 ml

Controls Oodinium and Cryptocaryon in saltwater aquaria  
**pointex** treats Oodinium and Cryptocaryon parasites in saltwater aquaria effectively and reliably. **pointex** is not poisonous to fish but is harmful to all types of invertebrates, and can only be used in fish only systems or quarantine aquaria. After treatment it is not necessary to undertake a water change as the product is naturally removed in 20 days.



421.001 4025901130683 **antigreen** 100 ml  
 421.002 4025901130690 **antigreen** 250 ml  
 421.010 4025901130706 **antigreen** 1000 ml  
 421.050 4025901130713 **antigreen** 5000 ml

Controls algae in fresh water aquaria  
**antigreen** will control blue-green and filamentous green algae in fresh water aquaria. It decomposes harmlessly leaving no residues. When used in accordance with the instructions, it will also stimulate plant growth.



Item code	EAN-No.	Item
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**Fresh Water Supplements**



123.001 4025901131284 **aqua +GH** 250 g can

Increases the total hardness of aquarium water  
**aqua + GH** increases the total hardness in freshwater aquariums. In connection with **aqua + KH** you can produce from reverse osmosis water or too soft water suitable water for fishes and plants.



123.101 4025901131291 **aqua +KH** 300 g can

Increases the carbonate hardness of aquarium water  
 Through a correct adjusted carbonate hardness you could avoid harmful PH up- and down-turns. By using **aqua + KH** the PH level could be stabilized and the carbonate hardness could be increased. In combination with **aqua + GH** you can produce from reverse osmosis water fish and plant suitable water.



120.001 4025901131314 **aqualife + vitamins** 100 ml  
 120.002 4025901131321 **aqualife + vitamins** 250 ml  
 120.010 4025901131338 **aqualife + vitamins** 1000 ml  
 120.050 4025901131345 **aqualife + vitamins** 5000 ml

High effective water treatment preparation for freshwater aquariums  
 Tap water often contains heavy metal and chlorine that harms the fishes, it causes diseases and symptoms of poisoning. **aqualife + vitamins** contains suitable chelates and reducer that binds the harmful substances respectively transfers it in harmless compounds. Special protective colloids that have been approved since many years, strengthens the protective function of the mucosa and keep the sensitive crawl/ intestinal tract of the animals from damages. Useful vitamins improve the body's defences of the fishes and enhance their well-being.



121.001 4025901131352 **ferreal + spureal** 100 ml  
 121.002 4025901131369 **ferreal + spureal** 250 ml  
 121.010 4025901131376 **ferreal + spureal** 1000 ml  
 121.050 4025901131383 **ferreal + spureal** 5000 ml

Intensive iron fertilizer for freshwater aquariums  
**ferreal + spureal** is a combination compound. It contains beside iron more essential micro elements such as manganese, molybdenum, boron, zinc and cobalt. **ferreal + spureal** prevents with continuous application reduced growth, the yellowing of the leaves and strengthens the plants. The colours of the plants become an intensive glow.



122.001 4025901131390 **floreal + iod** 100 ml  
 122.002 4025901131406 **floreal + iod** 250 ml  
 122.010 4025901131413 **floreal + iod** 1000 ml  
 122.050 4025901131420 **floreal + iod** 5000 ml

High effective compound fertilizer for freshwater aquariums  
**floreal + iod** is an indispensable instrument to **ferreal + spureal**, that adjust the mineral balance of the plants and beyond supplies them with iodine and fluorine. Through this the growth of the plants will be increased. Furthermore iodine increases the vitality and the willingness to spawn of the fish. The contained iodine will be released slowly over several days whereby it is continued available.



21138 4025901131024 **volcanit** 5 kg

Freshwater aquarium gravel  
**volcanit** is a pH-neutral aquarium gravel of volcanic origin. The fine pore structure of the gravel encourages bacterial activity that enhances the biological release of nutrients from within the gravel. The results are superb plant growth. **volcanit** is mixed with 10 % ferrolit, a natural long term iron fertilizer derived from Laterite. The resultant black and red colour enhances the beauty of the aquarium plants and the hues of the fish.

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nano breeze

**Cooling**

107.100 4025901128277 **nano breeze**

Aquarium cooling fan for nano tanks (Plug and Play)  
 Spray water protected fan (IP54), Ø = 40 mm. Silent long life fan. With real ball bearing and brush free motor. 12 V low voltage. Power uptake only 1 Watt. Rounds per minute: 5500 RPM.  
**nano breeze** aquarium fan can easily be fixed at the aquarium frame. It cool down the water by increasing the evaporation.  
 For temperature-dependet control we recommend optional the use of our **T controller twin**.  
 Content: Fan with holder, Glas clip (for 6 – 8 mm thickness), Power supply 12 V



arctic breeze 2-pack

107.102 4025901120820 **arctic breeze 2-pack**



arctic breeze 4-pack

107.104 4025901120837 **arctic breeze 4-pack**



arctic breeze 6-pack

107.106 4025901120844 **arctic breeze 6-pack**

Spray water protected fans (IP 55). Silent long life fans, with real ball bearing and brush free motor. 12 V low voltage with adjustable transformer (3 - 12 V) for speed control. By this, the cooling power can be adjusted. High capacity fans, adjustable from 80,000 l/h (double unit at 12 V) to 240,000 l/h (6 fold unit at 12 V). Power uptake only 0.5 – 3 W per fan. **arctic breeze** aquarium fans can easily be fixed at the aquarium frame. It cools down the water by increasing the evaporation. The complete construction is made from corrosion proof plastic and aluminium.  
 For temperature-dependet control we recommend optional the use of our **T controller twin**.

Dimensions (l x w x h):  
 arctic breeze 2-pack: app. 16 x 4 x 15 cm  
 arctic breeze 4-pack: app. 28 x 4 x 15 cm  
 arctic breeze 6-pack: app. 40 x 4 x 15 cm



Titan 150

105.015 4025901113945 **Titan 150**  
 105.050 4025901108293 **Titan 500**  
 105.150 4025901108309 **Titan 1500**  
 105.200 4025901108743 **Titan 2000**  
 105.400 4025901112801 **Titan 4000**

Titan	150	500	1500	2000	4000
for aquaria up to	100 - 250 l	250 - 500 l	700 - 1,500 l	1,500 - 2,500 l	3,000 - 4,000 l
Compressor power	0.1 PS	0,25 PS	0,5 PS	1 PS	2 PS
Power uptake	150 W	190 W	375 W	550 W	1,500 W
Cooling power	200 W	395 W	790 W	1,650 W	4,000 W
Recommended water flow (l/h)	200 - 1,500	500 - 2,000	800 - 2,500	2,000 - 4,000	3,000 - 6,000
Connections	14 mm 1/2" or 20 mm 3/4"	20 mm 3/4" or 25 mm 1"			32 mm 1 1/4" or 37 mm 1 1/2"
Housing material	ABS/powder-coated metal				
Heat exchanger material	Titanium				
Cooling gas	R134a				R407c
Dimensions (l x w x h) mm, app.	350 x 300 x 350	390 x 340 x 390	400 x 500 x 440	540 x 700 x 650	
Weight	13 kg	14.7 kg	16.4 kg	28.1 kg	60.5 kg



Titan 4000

106.050 4025901118476 **Titan 500 Trop**  
 106.150 4025901118483 **Titan 1500 Trop**

Titan Trop	500	1500
Compressor power	1/4	1/2
Power supply	220 - 240 V	
Power uptake cooling	340 W	440 W
Cooling power	400 W	790 W
Recommended water flow (l/h)	1,000 - 2,500	1,200 - 3,000
Connections	20 mm 3/4" or 25 mm 1"	
Housing material	ABS/powder-coated metal	
Dimensions (l x w x h) mm	app. 400 x 500 x 440	
Weight	25 kg	27 kg



Titan 6000 Professional

108.060 4025901121469 **Titan 6000 Professional**  
 108.080 4025901121476 **Titan 8000 Professional**  
 108.150 4025901122596 **Titan 15000 Professional**

Titan Prof.	6000	8000	15000
for aquaria up to	3,000 - 6,000 l	4,000 - 8,000 l	7,500 - 15,000 l
Compressor power	2 PS	3 PS	5 PS
Power supply	220 - 240 V		
Power uptake: cooling	1,780 W	2,340 W	3,950 W
Power uptake: heating	1,400 W	1,750 W	2,900 W
Cooling/Heating power	5,200 W	7,200 W	14,900 W
Recommended flow rate (l/h)	3,000 - 12,000	4,000 - 16,000	8,000 - 32,000
Connections	1 1/2"		
Housing material	X5CrNiMo 17-12-2 (V4A Stahl)		
Cooling gas	R410A		
Dimension (l x w x h) mm, app.	710 x 435 x 670	735 x 460 x 720	850 x 550 x 950
Weight	68 kg	78 kg	150 kg

Larger cooling units on demand!

Item code	EAN-No.	Item
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**Pumps - Current pumps**

- 103.504 4025901132786 **EcoDrift 4.0**
- 103.508 4025901132595 **EcoDrift 8.0**
- 103.515 4025901132601 **EcoDrift 15.0**
- 103.520 4025901132793 **EcoDrift 20.0**

**New**

High-performance current pump with adjustable wave simulation for saltwater aquaria **incl. Wave-controller.**

- 24 V low voltage, incl. safety isolating transformer 100 - 240 V / 50 - 60 Hz
- vibration-reducing magnetic holder (very quiet), 180° swiveling
- Wave-controller for controlling the current output and waves frequency
- light sensor for reducing the current automatically at night (not applicable for **EcoDrift 4.0**)

Type	EcoDrift 4.0	EcoDrift 8.0	EcoDrift 15.0	EcoDrift 20.0
For aquaria up to	300 l	800 l	1.500 l	2.000 l
Capacity adjustabl	2.000 - 4.000 l/h	4.000 - 8.000 l/h	7.500 - 15.000 l/h	10.000 - 20.000 l/h
Power consumption	3 - 10 watt	8 - 20 watt	10 - 35 watt	20 - 60 watt
Dimensions, app.	90 mm, Ø 70 mm	106 mm, Ø 84 mm	136 mm, Ø 110 mm	136 mm, Ø 110 mm
Glass thickness	15 mm	15 mm	15 mm	15 mm



EcoDrift



EcoDrift Controller



Powerfilter PF 1000

- 103.010 4025901111859 **Powerfilter PF 1000**

The **Powerfilter PF 1000** is a compact power head pump, combined with a mechanical filter sponge. Despite of its small size the pump is manufactured to the same high standards as the rest of the OR series with a polished ceramic shaft and energy efficient motor. 1,000 l/h, max. head 1 m (c. 3 ft), 10 watts.  
Dimensions: app. 22 x 6.5 x 6 cm (l x w x h)



NanoProp 5000

- 103.050 4025901120622 **NanoProp 5000**

Adjustable Current pump for reef aquariums  
Coral Reef aquariums need strong water movements. **NanoProp 5000** is a propeller pump to create strong currents with low power uptake. The shape of the propeller is computer optimised, for high flow and silent operation. 6 - 12 V DC, low voltage motor, including adjustable safety transformer. Flow can be adjusted from 2,000 - 5,000 l/h (500 - 1,250 gph). Power uptake 3 - 7 watts, adjustable. Silent running computer optimised propeller. Vacuum sucker for safe mounting inside the aquarium.  
Dimensions: app. 9.5 x 5 x 9.5 cm (l x w x h)



aquaflofix

- 103.051 4025901127928 **aquaflofix NanoProp 5000**

Current adjuster to conduct waterflow.  
For **NanoProp 5000** or 40 mm outlet.



OceanProp 15000

- 103.150 4025901120073 **OceanProp 15000**

Current pump for reef aquariums  
Coral Reef aquariums need strong water movements to replicate natural conditions. **OceanProp 15000** is a propeller pump that creates a high turnover of water with a low power output. The shape of the propeller has been strategically designed using the latest technology to optimise water movement and silent operation. Combined with the pump controller **OceanProp-Control**, the pump can be operated by pulsing and creates continuously changing currents. 24 V DC, low voltage motor, including safety transformer. Flow can be adjusted from 5,000 - 15,000 l/h (1,300 - 4,000 gph). Power uptake 9 - 20 watts, adjustable. Silently designed innovative propeller. Leverage sucker for safe mounting inside the aquarium.  
Dimensions: app. 14 x 9 x 10 cm (l x w x h)



Item code	EAN-No.	Item
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**Pumps - Circulation pumps**



DC Runner 1.2



DC Runner 3.0



DC Runner 5.0



**New**

- Powerful, adjustable universal pumps for aquaria
- For use as a circulation or current pump in salt or freshwater aquaria
  - **Incl. controller** for adjusting the water output
  - Rugged pump housing
  - Power-saving D/C motor 24 Volt, high efficiency.
  - Polished ceramic shaft and bearings for quiet operation and low maintenance.
  - Submerged and non-submerged use is possible.
  - Including pre-filter basket and hose connections.

DC Runner	1.2	3.0	5.0
Power supply pump	24 V		
Power supply transformer	100 - 240 V / 50 - 60 Hz		
Pump power	up to 1,200 l/h	up to 3,000 l/h	up to 5,000 l/h
max. head	up to 1.5 m	up to 2.7 m	up to 3.5 m
Power consumption	max. 12 watts	max. 25 watts	max. 40 watts
Connection suction side	25 mm	32 mm	32 mm
Connection pressure side	20 mm	25 mm	32 mm
Protection rating	IP X8		
Dimensions in cm (l x w x h), app.	12.5 x 6 x 8.5	20 x 9 x 12	19 x 13 x 10.5

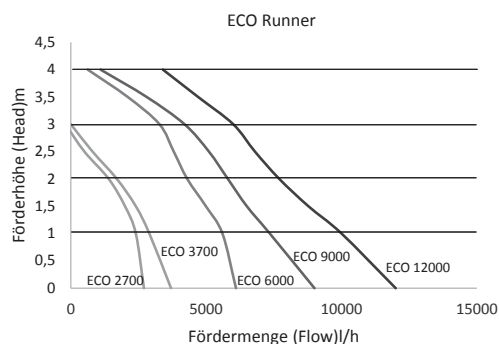
- 100.127 4025901128536 **ECO Runner 2700**
- 100.137 4025901128543 **ECO Runner 3700**
- 100.160 4025901124651 **ECO Runner 6000**
- 100.190 4025901126488 **ECO Runner 9000**
- 100.220 4025901124668 **ECO Runner 12000**

Powerful circulation pump for aquaria  
 For use as circulation and return pump in salt- and freshwater aquaria. Rugged pump housing. Electronic directed energy saving motor with high efficiency. Polished ceramic shaft and bearing guarantees silent operation and long term maintenance free operation. Submerged and non submerged set up is possible. Prefilter basket and hose connections included.



ECO Runner 2700

ECO	2700	3700	6000	9000	12000
Voltage	230 V~/50 Hz				
Max. flow l/h	2,700	3,700	6,000	9,000	12,000
Max. head	2.70 m	2.80 m	4.10 m	4.30 m	4.50 m
Power consumption/watts	30	43	70	95	150
Connection pressure/suction side	25 mm (1")		32 mm (1 1/4")	40 mm (1 1/2")	
Cable length in m (indoor use)	3				
Protection rating	IP X8				
Dimensions in cm (l x w x h), app.	17 x 9 x 14.5			21 x 11.5 x 18	



Item code	EAN-No.	Item
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**Pumps - Circulation pumps**



OR 1200



OR 6500

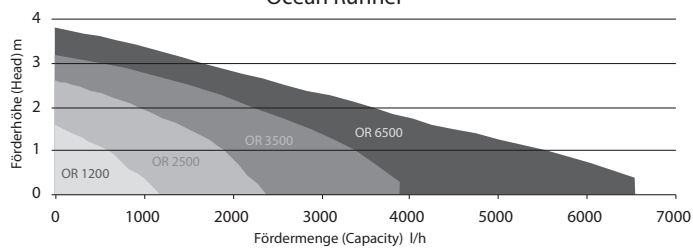
- 100.012 4025901109016 **Ocean Runner OR 1200**
- 100.025 4025901101058 **Ocean Runner OR 2500**
- 100.035 4025901106701 **Ocean Runner OR 3500**
- 100.065 4025901101898 **Ocean Runner OR 6500**

Circulation pump for aquaria

The **Ocean Runner** pumps are powerful universal pumps to be used as circulation or current pumps in both salt- and freshwater aquaria. The **Ocean Runners** are supplied with a rugged pump housing, an energy efficient motor, a polished ceramic shaft and ceramic bearings. All these qualities ensure a quiet and maintenance free performance for many years. The **Ocean Runner** pumps are also available in outdoor version with 10 m (c. 32') (**OR 2500/OR 3500**) rubber cable for ponds.

Typ	OR 1200	OR 2500	OR 3500	OR 6500
Max. capacity l/h	1,200 (c. 300 gph)	2,400 (c. 630 gph)	3,500 (c. 900 gph)	6,500 (c. 1,700 gph)
Max. head in m	1.6 (c. 5.2")	2.6 (c. 7.8")	3.3 (c. 10.7")	3.8 (c. 12.6")
Power uptakes watts	25	38	65	95
Hose connection				
inlet	17 mm	17 mm	27 mm	26 mm
outlet	16 mm	17 mm	21 mm	24 mm
Dimensions cm (l x w x h), app.	13 x 10 x 15	15.5 x 12.5 x 17.5	18 x 15 x 18	20 x 16 x 22

Ocean Runner



OK

NK

- 400.00-19 4025901116083 **pump NK 25.B**
- 400.00-20 4025901116090 **pump NK 33.B**
- 400.00-21 4025901113303 **pump OK 33.B**
- 400.00-22 4025901113310 **pump OK 51.B**
- 400.00-23 4025901113327 **pump OK 71.B**
- 400.00-24 4025901113334 **pump OK 100.B**

- 400.01 4025901124385 **Motor Protection Switch pump NK 25, 1.45 A**
- 400.02 4025901124675 **Motor Protection Switch pump NK 33/OK 33, 1.9 A**
- 400.03 4025901124682 **Motor Protection Switch pump OK 51, 2.7 A**
- 400.04 4025901124699 **Motor Protection Switch pump OK 71, 3.8 A**
- 400.06 4025901124705 **Motor Protection Switch pump OK 100, 4.8 A**

(Necessary to use with any NK or OK pump!)  
 Warranty is void, if pumps are used without motor protection switch!

**Circulation pump OK / NK**

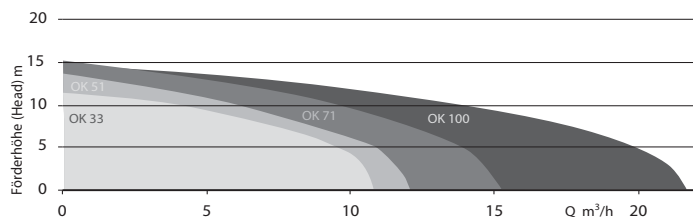
The **OK** and **NK**-series circulation pumps are powerful units having a capacity between 13 and 33 m<sup>3</sup>/h. With the housing moulded in plastic, the pumps are completely saltwater resistant. To improve the operating characteristics **OK** and **NK** pumps have an integrated prefilter and the impeller shaft has a rotating seal.



Motor Protection Switch

Type	NK 25	NK 33	OK 33	OK 51	OK 71	OK 100
m <sup>3</sup> /h at 10 m	-	4.0	4.8	6.6	10.0	14.5
Max. flow at 5 m	8,000 l*	11,000 l*	9,600 l	11,000 l	13,900 l	20,000 l
Max. head	9.25 m	11 m	12 m	14 m	15.5 m	15 m
Power (watt)	0.27	0.30	0.45	0.58	0.75	1.00
A			2.45	2.65	4.00	4.70
V	230	230	230	230	230	230
Dimensions cm (l x w x h), app.	43 x 21 x 27		47.5 x 24 x 31			50 x 24 x 31

\* max. flow at 3 m



Item code	EAN-No.	Item
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**Pumps - Air pumps**

- 101.005 4025901131222 **Mistral 50 ECO**
- 101.020 4025901109320 **Mistral 200**
- 101.030 4025901108255 **Mistral 300**
- 101.200 4025901117127 **Mistral 2000**
- 101.400 4025901113297 **Mistral 4000**



**Mistral 50 ECO**



**Mistral 200**



**Mistral 300**



**Mistral 4000**

**Diaphragm air pump**

This family of powerful diaphragm air pumps has a cast aluminium housing (plastic at **Mistral 50 ECO**) to ensure long life and silent operation. The output of the **Mistral 300** is adjustable with a slide control which alters the magnetic circuit. All units have integrated replaceable air filters and are of low maintenance design. They are ideally suited to supplying air lift filters (under-gravel and box), air stones and protein skimmers using either ceramic or wooden air diffusers.

Type:	Mistral 50 ECO	Mistral 200	Mistral 300
Power requirements:	220 V, 50/60 Hz	230 V/50 Hz	
Power uptake:	1,8 watts	4 watts	8 watts
Maximum capacity:	78 l/h (19.5 gph)	300 l/h (75 gph)	380 l/h (95 gph)
Capacity at 1 m (3 ft) depth (100 mbar, 1.45 psi):	50 l/h (12.5 gph)	200 l/h (50 gph)	300 l/h (75 gph)
Maximum pressure:	120 mbar (1.73 psi)	250 mbar (3.6 psi)	470 mbar (6.8 psi)
Connection pressure side:	air tube 4/6 mm (1/4")		
Cable length in m:	1.4	3	
Weight:	0,23 kg (app. 0,53 lbs)	1.36 kg (app. 3.1 lbs)	1.75 kg (app. 3.7 lbs)
Housing:	plastic	cast aluminium	
Dimensions in cm (l x w x h), app.:	8.8 x 6.0 x 5.3	17.5 x 7.5 x 9.5	19 x 8.5 x 10

Type:	Mistral 2000	Mistral 4000
Power requirements:	220 - 240 V~, 50/60 Hz	
Power uptake:	25 watts	35 watts
Maximum capacity:	2,500 l/h (625 gph)	4,000 l/h (1,000 gph)
Capacity at 1 m (3 ft) depth (100 mbar, 1.45 psi):	1,600 l/h (400 gph)	2,900 l/h (750 gph)
Maximum pressure:	>300 mbar, 4.35 psi	
Connection pressure side:	air tube 12 mm (1/2")	
Cable length in m:	3	
Weight:	3.5 kg (7.8 lbs)	5.6 kg (12.4 lbs)
Housing:	cast aluminium	
Dimensions in cm (l x w x h), app.:	17.5 x 16 x 13	19.5 x 18 x 15

Item code	EAN-No.	Item
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**Pumps - Dosing pumps**



Dosing pump

104.015	4025901116168	Dosing pump <b>SP 1500</b>
104.030	4025901111866	Dosing pump <b>SP 3000</b>

The dosing pumps **SP 1500** and **SP 3000** range of dosing pumps are economic peristaltic pumps for pumping small volumes of water. They can be used for bypass filters such as the Nitratoreductor **NR 1000** and the Calciumreactor **KR 1000**, to top up evaporated water when combined with an **aquaniveau** and for the automatic dosing of fertilisers and minerals. The pump is supplied a long life Santoprene® hose.

**SP 1500:** 1.5 l/h (c. 0.04 gph), 4.5 watts

**SP 3000:** 3.0 l/h (c. 0.08 gph), 4.5 watts



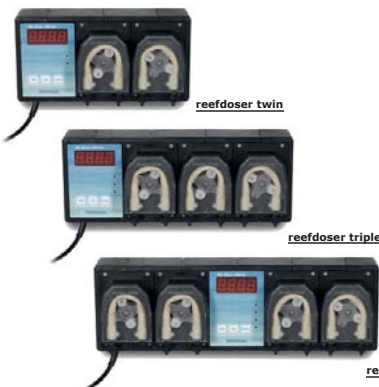
SP 3000 Niveaumatt

104.031	4025901112481	<b>SP 3000 Niveaumatt</b>
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Automatic top up unit with peristaltic pump and float switch

The **SP 3000 Niveaumatt** will automatically top up evaporated water in fresh and saltwater aquariums. It comprises a **Niveaumatt SP 3000** peristaltic pump with a directly connected float switch. The float switch is installed in the aquarium or filter tank at the desired level using its holding unit. As the level drops the **Niveaumatt SP 3000** automatically tops up the tank with water from a reservoir (not supplied).

Technical data **Niveaumatt:** Capacity: 3 l/h pump, hose: Santoprene®, power consumption: 4.5 watts



reefdoser twin

reefdoser triple

reefdoser quadro

104.042	4025901113082	<b>reefdoser twin</b>
104.043	4025901113099	<b>reefdoser triple</b>
104.044	4025901113105	<b>reefdoser quadro</b>

Dosing pump controller

The **reefdoser** can independently control up to 4 dosing pumps. The interval controller allows for adjustment of the duration of the on/off cycle for each pump over a broad time span - from seconds to days. The **reefdoser** can automate many tasks in an aquarium: - regular dispensing of trace elements and fertilisers in salt- and freshwater aquariums - controlled addition of calcium and bicarbonate into coral reef tanks - accurate dosing of Kalkwasser into coral reef tanks - automatic feeding with live phyto and zoo plankton.

**reefdoser twin:** with 2 dosing pumps **SP 1500**, app. 22.5 x 11.5 x 9 cm (l x w x h)

**reefdoser triple:** with 3 dosing pumps **SP 1500**, app. 29.5 x 11.5 x 9 cm (l x w x h)

**reefdoser quadro:** with 4 dosing pumps **SP 1500**, app. 37 x 11.5 x 9 cm (l x w x h)

Item code	EAN-No.	Item
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**Protein skimmer**

**Air driven internal skimmer**

410.50 4025901100754 **miniflotor**



miniflotor

Internal protein skimmer for aquaria up to 200 litres (c. 50 gal)  
 The **miniflotor** is a small but powerful air-driven internal protein skimmer. A lime wood air diffuser producing very fine air bubbles is also included. The outer reaction tube is replaceable. A second shorter reaction tube is included in shipment. For the air supply, we recommend the **Mistral 200** membrane air pump.  
 Ø app. 5 cm (c. 2"), length: with long tube app. 45 cm (c. 18") - with short tube app. 32 cm (c. 12.8"), total width: app. 15 cm (c. 6"), Immersion depth: long tube app. 33 cm (c. 13.2"), short tube app. 20 cm (c. 8")

410.55 4025901100532 **midiflotor**



midiflotor

Internal protein skimmer for aquaria up to 400 litres (c. 100 gal)  
 The **midiflotor** is an air-driven counter current internal protein skimmer. The strong holding system allows movement of the skimmer vertically to adjust the foam production zone. A lime wood air diffuser, producing very fine air bubbles, is included. For the air supply, we recommend the **Mistral 300** membrane air pump. Ø app. 57.5 cm (c. 3"), length: app. 52 cm (c. 21"), total width: app. 15 cm (c. 6"), Immersion depth: app. 30 - 35 cm (c. 12" - 14")

**Motor driven adjustable internal skimmer**

410.005 4025901133103 **EVO 500**

**New**



EVO 500

Motor driven adjustable internal protein skimmer for saltwater aquaria up to 250 litres  
 Two holding systems for individual fixing, adjustable in height. Making it suitable for many different styles of aquarium. The power-saving and efficient pump **DC Runner 1.2** serves as a venturi pump (incl. DC motor) with power consumption of max. 7 watt. Polished ceramic bearings and shafts for brilliant silent performance and a maintenance-free steady use. The pump power and foam production can be continuously adjusted by the included controller. Thus, the skimmer can be adapted perfectly to the water level and individual needs. The new 3D needle wheel will provide a large amount of air and optimum bubble structure. The included **Silencer** ensures an almost soundless operation. A high skimming capacity is achieved by the special water flow with a patented conical foam cup. **Incl. controller.**  
 Dimensions: (l x w x h) app. 14 x 8 x 36.5 cm (c. 5.6" x 3.2" x 14.6"), Immersion depth: app. 23 cm

**Motor driven adjustable external skimmer**

410.010 4025901133110 **EVO 1000**

**New**



EVO 1000

Adjustable protein skimmer for saltwater aquaria up to 500 litres  
 The **EVO 1000** is designed for installation in any mode: as a "hang on", it is simply hung over the edge of the aquarium. Only the venturi pump is inside the tank. The power-saving and efficient pump **DC Runner 1.2** serves as a venturi pump (incl. DC motor) with power consumption of max. 9 watt. Polished ceramic bearings and shafts for brilliant silent performance and a maintenance-free steady use. The pump power and foam production can be continuously adjusted by the included controller. Thus, the skimmer can be adapted perfectly to the water level and individual needs. The new 3D needle wheel will provide a large amount of air and optimum bubble structure. The included **Silencer** ensures an almost soundless operation. In the cabinet, it can be installed inside or outside the filter sump. It is designed to fit into nearly every standard aquarium cabinet. **Incl. controller.**  
 Height: app. 46 cm (c. 18"), Footprint: app. 25 x 11 cm (c. 10" x 4.5")

**Motor driven adjustable external skimmer**

410.030 4025901133127 **EVO 3000**

**New**



EVO 3000

Adjustable protein skimmer for saltwater aquaria from 500 to 1,500 litres  
 The **EVO 3000** is designed for installation in any mode: as a "hang on", it is simply hung over the edge of the aquarium. Only the venturi pump is inside the tank. The power-saving and efficient pump **DC Runner 3.0** serves as a venturi pump (incl. DC motor) with power consumption of max. 20 watt. Polished ceramic bearings and shafts for brilliant silent performance and a maintenance-free steady use. The pump power and foam production can be continuously adjusted by the included controller. Thus, the skimmer can be adapted perfectly to the water level and individual needs. The new 3D needle wheel will provide a large amount of air and optimum bubble structure. The included **Silencer** ensures an almost soundless operation. In the cabinet, it can be installed inside or outside the filter sump. It is designed to fit into nearly every standard aquarium cabinet. **Incl. controller.**  
 Height: app. 56 cm, (c. 22"). Footprint: app. 35 x 17 cm, (c. 14" x 7")

Item code	EAN-No.	Item
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**Protein skimmer**

**Motor driven internal skimmer**



Turboflotor Blue 500

410.10 4025901124729 **Turboflotor Blue 500**

Motor driven internal protein skimmer for saltwater aquaria up to 250 litres  
 Two holding systems for individual fixing, adjustable in height. Making it suitable for many different styles of aquarium. Power-saving venturi pump with power consumption of only 8 watts. Ceramic bearings for brilliant silent performance. Mesh wheel, which will provide a large amount of air and optimum bubble structure. The **Silencer** ensures an almost soundless operation. A high performance motor driven protein skimmer, efficient foam production with a patented conical foam cup. The water height in the protein skimmer is easily adjustable to allow a maximum foam production.  
 Dimensions: (l x w x h) app. 14 x 8 x 36.5 cm (c. 5.6" x 3.2" x 14.6"), Immersion depth: app. 23 cm

**Motor driven external skimmer**



Turboflotor Blue 1000

410.00 4025901117448 **Turboflotor Blue 1000**

External protein skimmer for saltwater aquariums up to 500 litres (c. 125 gal)  
 The **Turboflotor Blue 1000** is designed for installation in any mode: as a "hang on", it is simply hung over the edge of the aquarium. Only the venturi pump with Aqua Medic mesh wheel is inside the tank. The **Silencer** ensures an almost soundless operation. In the cabinet, it can be installed inside or outside the filter sump. It is designed to fit into nearly every standard aquarium cabinet. Height: app. 46 cm (c. 18"), Footprint: app. 25 x 11 cm (c. 10" x 4.5")

**Motor driven external skimmer**



Turboflotor Blue 3000

410.06 4025901116502 **Turboflotor Blue 3000**

External protein skimmer for saltwater aquariums from 500 – 1,500 l (c. 125 - 375 gal)  
 The **Turboflotor Blue 3000** is designed for installation in any mode: as a "hang on", it is simply hung over the edge of the aquarium. Only the venturi pump **Ocean Runner OR 2500** with mesh wheel is inside the tank. In the cabinet, it can be installed inside or outside the filter sump. It is sized to fit nearly every standard aquarium cabinet. Height: app. 56 cm, (c. 22"). Footprint: app. 35 x 17 cm, (c. 14" x 7")

**Motor driven external skimmer**



Turboflotor 1000 Multi SL

410.72 4025901106626 **Turboflotor 1000 Multi SL**

A motor driven external protein skimmer for aquaria from 500 to 1,000 litres (125 - 250 gal)  
 The **Turboflotor 1000 Multi SL** can be fixed to the side of the aquarium ('hang-on' mode), or placed inside or outside the sump of the filter. Its compact size makes it small enough to be installed in the cabinet. In 'hang-on' mode, just the pump is placed inside the aquarium. Equipped with the **Ocean Runner PH 2000** venturi pump. As an option, a large 1.2 litre (c. 0.3 gal) **Filterbox** can be placed over the outlets as a first stage post skimming biological filter. Height: app. 55 cm (c. 22"). Footprint: app. 17 x 17 cm (c. 7" x 7")

Item code	EAN-No.	Item
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**Protein skimmer**

- 412.110 4025901133134 **aCone 1.0 EVO**
- 412.115 4025901133141 **aCone 1.5 EVO**
- 412.130 4025901133158 **aCone 3.0 EVO**

**New**

Adjustable and very powerful skimmer for the sump

We offer the **aCone EVO** skimmer in three different sizes: **aCone 1.0 EVO** for aquaria up to 800 litres, **aCone 1.5 EVO** for aquaria up to 1.500 litres, **aCone 3.0 EVO** for tanks up to 2.500 litres. The pump power of the **DC Runner** pumps and foam production can be continuously adjusted by the included controller. Thus, the skimmer can be adapted perfectly to the water level and individual needs. The new 3D needle wheel will provide a large amount of air and optimum bubble structure. The integrated Silencer ensures an almost soundless operation. **aCone EVO** skimmer have to be placed in a filter tank. No additional pump for the water supply is required. **Incl. controller.**



aCone 1.0 EVO



aCone 1.5 EVO



aCone 3.0 EVO

	<b>aCone EVO 1.0</b>	<b>aCone EVO 1.5</b>	<b>aCone EVO 3.0</b>
Power Consumption	max. 10 watt	max. 21 watt	max. 40 watt
Pump	DC Runner 1.2	DC Runner 3.0	DC Runner 5.0
Total height	app. 45 cm	app. 53 cm	app. 59.5 cm
Height foam cup	app. 47 cm	app. 54 cm	app. 61 cm
Required space	app. 20 x 33 cm	app. 35 x 32 cm	app. 50 x 40 cm

- 412.015 4025901129311 **aCone 1.5**
- 412.030 4025901129403 **aCone 3.0**

Powerful skimmer for the sump

We offer the **aCone** skimmer in two different sizes, **aCone 1.5** for aquaria up to 1,500 litres, **aCone 3.0** for tanks up to 2,500 litres. The **ECO Runner** venturi pumps including **air wheel** are very quiet in operation coupled with high air capacity. **aCone** skimmer have to be placed in a filter tank. No additional pump for the water supply is required.



aCone 1.5



aCone 3.0

	<b>aCone 1.5</b>	<b>aCone 3.0</b>
Power Consumption	38 watts	54 watts
Pump	ECO Runner 3700	ECO Runner 6000
Total height	app. 53 cm	app. 59,5 cm
Height foam cup	app. 54 cm	app. 61 cm
Required space	app. 35 x 32 cm	app. 50 x 40 cm

- 410.16 4025901100747 **Turboflotor 5000 Shorty Compact**  
for aquaria up to 1,500 l
- 410.17 4025901100761 **Turboflotor 5000 Shorty II**  
for aquaria up to 1,500 l

Powerful skimmers for in cabinet installation

The "**Shorties**" are manufactured in 2 sizes to fit into most aquarium cabinets. Like the larger models, they are supplied with a venturi pump and our patented needle wheel. The water supply to the skimmer requires a second pump with a capacity of minimum 2,000 l/h (c. 500 gph). The skimmer may also be directly connected to the overflow of the aquarium. In this case it is recommended that a bypass be installed to control the water flow to the skimmer, especially if powerful return pumps are used.

Total height with foam cup:

**Shorty Compact:** app. 62.5 cm (footprint app. 30 x 40 cm)

**Shorty II:** app. 73 cm (footprint app. 30 x 50 cm)



Turboflotor 5000 Shorty Compact



Turboflotor 5000 Shorty II

- 400.015 4025901130102 **Turboflotor 5000 baby ECO** for aquaria up to 2,000 l
- 400.021 4025901130119 **Turboflotor 5000 single 6.0** for aquaria up to 5,000 l

Powerful skimmer with longer contact time for aquaria from 1,500 – 5,000 l (c. 375 - 1,250 gal)

The skimmer 5000 series were developed for larger aquaria. The reaction pipe has a diameter of 200 mm. A separate pump (2,000 – 3,500 l/hr) is required for the water supply, e. g. **Ocean Runner OR 3500** or **ECO Runner 3700**.

The venturi pumps of our **ECO Runner** series with **air wheel** have a high skimming power, are very quiet in operation and have a low power consumption.

**T 5000 baby ECO:** Total height app. 107 cm, required space app. 50 x 29 cm (without outlet D40). Venturi pump: 1 x **ECO Runner 3700** - 38 Watt

**T 5000 single 6.0:** Total height app. 185 cm, required space app. 50 x 29 cm (without outlet D40). Venturi pump: 1 x **ECO Runner 6000** - 55 Watt



Turboflotor 5000 baby ECO



Turboflotor 5000 single 6.0

- 410.026 4025901131062 **Trickle filter** for **Turboflotor 5000 single 6.0**

The **trickle filter** is suitable for the connection at the **Turboflotor 5000 single 6.0**, filled with **BactoBalls**, app. 20 cm Ø. Height: app. 155 cm, footprint: app. 30 x 35 cm



Rieselfilter T 5000 single 6.0

Item code	EAN-No.	Item
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**Protein skimmer**



**Turboflotor 10000**

400.05	4025901113228	<b>Turboflotor 10000</b>
400.15	4025901131680	<b>Turboflotor 10000</b> w/o pump

It is made of an acrylic pipe and is designed for flow rates up to 10,000 l/h. (c. 2,500 gph). It is recommended for larger aquariums up to 10,000 litres (c. 2,500 gallons) and professional aquaculture systems. Technical data: Reaction chamber Ø: 50 cm (c. 20"), total height including foam cup: 200 cm (c. 80"), Injector pump power consumption: 500 watts, max. water flow: 10,000 l/h (c. 2,500 gph)



**Turboflotor 20000**

400.00	4025901102918	<b>Turboflotor 20000</b>
400.10	4025901131697	<b>Turboflotor 20000</b> w/o pump

Protein Skimmer for large aquariums  
 With the production of this skimmer Aqua Medic enters the area of water treatment for large professional aquaria. The Aqua Medic **Turboflotor 20000** is a scaled up version of our proven **Turboflotor 5000** series. A powerful pump is combined with a venturi to provide an injection of c. 3,500 l/h. The maximum water flow rate is 20,000 litres (5,000 gallons) per hour. The **Turboflotor 20000** is designed for larger tanks in public aquaria and for commercial use for pet fish importers and distributors.  
 Technical data: Reaction chamber Ø: 50 cm (c. 20"), total height including foam collection cup: 310 cm (c. 122"), injector pump power consumption: 900 watts, maximum water throughput: 20,000 l/h (c. 5,000 gph).



**Trickle filter T 10000**

401.01	4025901121292	<b>Trickle filter</b> for <b>Turboflotor 10000</b> , with <b>BactoBalls</b>
401.01-1	4025901131796	<b>Trickle filter</b> for <b>Turboflotor 10000</b> , w/o <b>BactoBalls</b>
401.00	4025901108781	<b>Trickle filter</b> for <b>Turboflotor 20000</b> , with <b>BactoBalls</b>
401.00-1	4025901131789	<b>Trickle filter</b> for <b>Turboflotor 20000</b> , w/o <b>BactoBalls</b>

**Accessories Protein skimmer**



**Mini**



**Midi**



**Maxi**

**Wooden airstones**

410.59	4025901126440	<b>Wooden airstones Mini</b> 2 pcs. app. 15 x 15 x 57 mm (l x w x h)
410.58	4025901126457	<b>Wooden airstones Midi</b> 2 pcs. app. 18 x 18 x 78 mm (l x w x h)
410.57	4025901100914	<b>Wooden airstones Maxi</b> 1 pc. app. 30 x 30 x 110 mm (l x w x h)

For air driven protein skimmers  
**Wooden airstones** are produced from lime wood with very fine pores. To keep the skimmer running at its optimum performance level, the bubbles have to be monitored regularly, and it is recommended that they are changed every 6 - 8 weeks. In an attractive blister pack.



410.610	4025901124941	<b>Silencer 100</b> up to a capacity of 200 l air/h
410.620	4025901124958	<b>Silencer 200</b> for a capacity higher than 200 l air/h

Silencer for protein skimmer  
 The **Silencer 100** and the **Silencer 200** reduce the noise of the air intake of a protein skimmer. The noise may be avoided by the use of the **Silencers**. At the fitting of the **Silencer** you can attach tubes with a diameter of 6/8 mm without any problems.



Item code	EAN-No.	Item
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**Filter systems**



Filter S

502.010 4025901133455 **Filter S**

**New**

Cabinet filter  
External glass cabinet filter, four-chamber system, pre-filter chamber, two clear water chambers for putting up biological and mechanical filters and filter media (e. g. skimmer), settling chamber.  
For aquaria up to 200 litres.  
Dimensions (l x b x h): app. 40 x 47 x 45 cm, water height max. 26 cm, volume max. 47 l



Filter M

502.020 4025901133462 **Filter M**

**New**

Cabinet filter  
External glass cabinet filter, four-chamber system, pre-filter chamber, two clear water chambers for putting up biological and mechanical filters and filter media (e. g. skimmer), settling chamber.  
For aquaria up to 500 litres.  
Dimensions (l x b x h): app. 50 x 47 x 45 cm, water height max. 26 cm, volume max. 60 l

Pictures with UV Helix Max



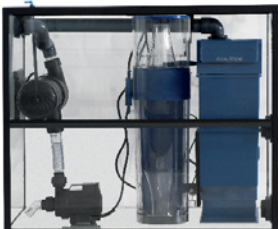
Malawi Station

500.015 4025901130201 **Malawi Station**

Filter system for fresh and saltwater aquaria up to 1,500 litres  
The **Malawi Station** filter system comprises the following components: closed glass filter sump with sliding doors and removable cover, twin filter towers including drawer and biofilter, filled with **BactoBalls**, **ECO Runner 3700** circulation pump. This filter is the perfect unit for high loaded freshwater aquaria, e. g. cichlids. However, it can be used for saltwater as well, if combined with an external protein skimmer. Pipework connections to the aquarium (left hand side): 32 mm flow, return 40 mm. This system is ready for the connection of a **Helix Max 18** Watt UV steriliser as well as the top up system **Refill-System**.  
Dimensions of the filter: app. 75.5 x 47.5 x 62 cm (l x w x h)

**Optional - filter features:**

80818 4025901116137 **Helix Max 18 Watt**  
502.75 4025901133004 **Refill-System**



Fish Station

501.110 4025901130218 **Fish Station**

A complete filtration system for saltwater aquaria up to 1,000 litres  
It comprises the following components: closed glass filter sump with sliding doors and removable cover, prefilter including drawer and biofilter, filled with **BactoBalls**, **Turboflotor Blue 3000** protein skimmer and **ECO Runner 3700** circulation pump. This filter is the perfect unit for aquaria where mainly fish are kept. Pipework connections to the aquarium (left side): 32 mm flow, return 40 mm. All components are inside the filter sump. This system is ready for the connection of a **Helix Max 18** Watt UV steriliser as well as the top up system **Refill-System**.  
Dimensions of the filter: app. 75.5 x 47.5 x 62 cm (l x w x h)

**Optional - filter features:**

80818 4025901116137 **Helix Max 18 Watt**  
502.75 4025901133004 **Refill-System**



Reef Station

501.010 4025901130225 **Reef Station**

A complete filtration system for Reef aquaria up to 1,000 litres  
It comprises the following components: closed glass filter sump with sliding doors and removable cover, a prefilter for taking up activated carbon, phosphate absorbers or bio balls, the **aCone 1.5** protein skimmer and **ECO Runner 3700** circulation pump. Pipework connections to the aquarium (left side): 32 mm flow, return 40 mm. All components are inside the filter sump. This system is ready for the connection of a **Helix Max 18** Watt UV steriliser as well as the top up system **Refill-System**.  
Dimensions of the filter: app. 75.5 x 47.5 x 62 cm (l x w x h)

**Optional - filter features:**

80818 4025901116137 **Helix Max 18 Watt**  
502.75 4025901133004 **Refill-System**

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**Filter systems**



Marin 1000

500.50 4025901100495 **Marin 1000**

Compact modular filter system for marine aquaria up to 1,000 litres (c. 250 gallons)  
 The **Marin 1000** filter system is designed for use under the aquarium. It consists of an enclosed filter sump housing the filter modules. Aquarium water is first treated by the three trickle filter modules that utilise **BactoBalls** as their biological media. A mechanical/carbon filter module is included in the main water flow whilst a patented **Turboflotor 1000** venturi protein skimmer operates on a by pass line. A Nitratereducator **NR 1000** is supplied with water by a dosing pump **SP 3000**.  
 Dimensions (l x w x h): app. 60.5 x 40.5 x 57.5 cm, (c. 24"x 16"x 23"). For installation an additional minimum of 15 cm (c. 6") in the length is required (Total length 75 cm). Pipework connections: flow 25 mm, return 32 mm



Riff 500

501.10 4025901100518 **Riff 500**

Modular filter system for reef aquaria up to 500 litres (c. 150 gallons)  
 For installation in the cabinet. The **Riff 500** filter system is a compact 3-stage unit for use in the cabinet under the aquarium. The system comprises a pre-filtration module filled with sponge, for mechanical filtration, a **Turboflotor 1000** protein skimmer with venturi pump and needle wheel, and a post skimming trickle filter filled with **BactoBalls** for biological filtration. A purpose built glass sump is available as an option.  
 Dimensions: (l x w x h) app. 51 x 17 x 60 cm (c. 21" x 7" x 24").  
 Pipework connection return 32 mm



Riff 1000

501.00 4025901100501 **Riff 1000**

6-stage water treatment system for reef aquaria up to 1,000 litres (c. 250 gallons)  
 The **Riff 1000** filtration system is designed for installation in the cabinet under an aquarium. In a compact space it contains nearly all the equipment necessary for the maintenance of a successful modern reef aquarium. The system comprises a sump, app. 90 x 36 x 35 cm (c. 36" x 14.5" x 14"), with a mechanical filter chamber containing sponges. From here, the water flows via two venturi pumps into twin **Turboflotor 1000** protein skimmers, with their post skimming trickle towers filled with **BactoBalls**. Additional components are the Nitratereducator **NR 1000** and the Calciumreactor **KR 1000** with dosing pump **SP 3000** and the **Niveaustat**, a system for automatic replenishment of evaporated freshwater from the aquarium. Dimensions: (l x w x h) app. 95 x 36 x 64 cm (c. 38" x 15" x 25.5"). For installation an additional minimum of 15 cm (c. 6") in the length is required (Total length 110 cm (c. 44")). Pipework connections: flow 2 x 25 mm, return 50 mm.

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**Filter systems**



Systemfilter 5000 (Example)

405.00 4025901111842 **Systemfilter 5000** (standard version)

A complete filter system for aquariums and holding tanks up to 5,000 litres (c. 1,250 gallons) **Systemfilter 5000** is a modular filter system delivered ready for use on a plastic pallet. It is designed for use as a centralised filter system for pet shops, for food fish holding tanks and for aquariums up to 5,000 l (c. 1,250 gallons). The standard version comprises the following: pressurised sand filter, backwashable, for mechanical filtration. Post skimming trickle towers for biological filtration. Sponge filter with easy access for bio-mechanical prefiltration. Plastic vessel mounted on a plastic pallet 120 x 80 cm (c. 48" x 32") as filter sump. UV steriliser (55 watt) and circulation pump capacity 12 m<sup>3</sup>/h (c. 3,000 gph). Dimensions overall (l x w x h) app. 120 x 80 x 165 cm, (c. 48" x 32" x 66").



Systemfilter 10000 (Example)

406.00 4025901114171 **Systemfilter 10000** (standard version)

A complete filter system for saltwater aquariums and holding tanks up to 10,000 litres (c. 2,500 gallons) **System 10000** is a ready to use system for aquariums or aquarium assemblies up to 10,000 litres. It is designed for public aquariums, but also for holding systems for export and import, as well as for aquaculture applications. It comprises the following components: **Turboflotor 10000** protein skimmer, with venturi nozzle and venturi pump. Post skimming trickle towers, filled with **BactoBalls**. Pressurised sand filter. Mechanical prefilter. UV steriliser, 55 watts. Circulation pump 15,000 l/h and filter sump. The complete unit is mounted ready to use on 2 plastic pallets. The units can also be custom designed for any special application. Dimensions overall (l x w x h) app. 200 x 80 x 245 cm, (c. 80" x 32" x 98").



Refill-System



502.75 4025901133004 **Refill-System**  
502.75-1 4025901133448 Canister 20 l for **Refill-System**

**New**

Refill System with safety circuit  
Easy and safe refilling of evaporated water in the aquarium  
- Permanent monitoring of the water level in the aquarium with an infrared sensor incl. delay circuit.  
- Automatic refilling of evaporated aquarium water.  
- Adjustable minimum and maximum water levels in the aquarium or filter sump.  
- Dry-running protection of the refilling pump - optical and acoustic alarm.  
- There is a warning for low water level of the refill tank.  
- Easy installation and maintenance, plug connections on all cables.  
- Safety shutdown circuit in case of a defective level sensor.  
- 12 V low voltage, incl. transformer 100 - 240 V / 50 - 60 Hz.



Blue Tower

502.63 4025901117523 **Blue Tower**  
502.63-1 4025901131529 **Blue Tower** w/o **BactoBalls**

The **Blue Tower** comprises the pre-filtration drawer and 2 Biofilter boxes, filled with **BactoBalls** (c. 18 l, c. 4.6 gal). It can be used in every suitable filter sump.  
Dimensions: app. 18 x 40 x 51 cm (7" x 15.7" x 20") (l x w x h)



Skim Box

501.90 4025901116038 **Skim Box**

Surface Skimmer  
A bacterial film normally forms at the water surface of almost all aquaria inhibiting gas exchange and often, particularly in saltwater aquariums, forming an unpleasant scum. **Skim box** is a surface skimmer that removes the film and consequently improves the oxygen supply to the aquarium. It is easily installed into any aquarium with suckers mounted on fully adjustable feet. To provide the water movement required it can be connected to most power head pumps up to 2,000 l/h (c. 500 gph) capacity, the injection pump of some protein skimmers and the suction line of many canister filters.



Overflow box

501.70 4025901106404 Overflow box **OFB 2500 I**  
501.75 4025901106411 Overflow box **OFB 5000 I**

For connecting to an under tank filter system  
The Aqua Medic **Overflow box** hangs over the outside of the aquarium. A constant water level is maintained after the start of the overflow. Water circulation is achieved by pumping the water from the sump into the aquarium, and then via the **Overflow box** back into the sump. This makes it possible to connect aquaria to under the tank filter systems without having to drill holes in the aquarium. The **Overflow box** is manufactured from acrylic and is available in two capacities: **OFB 2500** for up to 2,500 l/h (c. 625 gph), **OFB 5000** for up to 5,000 l/h (c. 1,250 gph) **OFB 2500** (l x w x h): app. 19 x 18 x 25 cm (c. 8" x 7.2" x 10"), **OFB 5000** (l x w x h): app. 19 x 25 x 25 cm (c. 8" x 10" x 10")

Item code	EAN-No.	Item
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**Filter components**

- 410.930 4025901132816 **multi reactor S**
- 410.940 4025901132823 **multi reactor M**

**New**

All-In-One filter system

- For use in the aquarium or sump filter
- Highly efficient filtration due to high flow through your chosen filter media
- Adjustable water flow
- High-quality, precision made using quality acrylic
- Very simple maintenance due to removable filling tub, the filter housing can remain in the aquarium for refilling and maintenance
- Space-saving installation in the aquarium or sump filter with internal pump.
- Low maintenance double O-ring seal.
- universal application by using various filter media such as activated carbon (**carbolit**), phosphate absorber (**antiphos FE**), zeolithes, fine filter, etc. (filter media not included)
- Incl. pump and flexibly adjustable mounting system

multi reactor	S	M
Dimensions (l x w x h)	app. 60 x 50 x 300 mm	app. 80 x 60 x 420 mm
Filling quantity	app. 150 ml	app. 350 ml
Current consumption	220 - 240 V / 50 Hz 2.5 watts	220 - 240 V / 50 Hz 8 watts
Pump power	app. 200 l/h	app. 350 l/h
For aquaria	up to 350 l	up to 500 l



**multi reactor S**



**multi reactor M**

- 410.950 4025901132830 **multi reactor L**

**New**

All-In-One filter system

- For use in a sump filter
- Highly efficient filtration due to maximum flow through your chosen filter media
- Adjustable water flow
- High-quality, precision made using quality acrylic
- Universal application by using various filter media such as activated carbon (**carbolit**), phosphate absorber (**antiphos FE**), zeolithes, fine filter, etc. (filter media not included)
- Incl. pump

multi reactor	L
Dimensions (l x w x h)	app. 130 x 130 x 370 mm
Filling quantity	app. 1,000 ml
Current consumption	220 - 240 V / 50 Hz 7.6 watts
Pump power	app. 650 l/h
For aquaria	up to 800 l



**multi reactor L**

Item code	EAN-No.	Item
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**Filter components**

410.74 4025901101102 Nitratereducator **NR 400**



NR 400

Denitrification filter for aquaria up to 400 litres (c. 100 gallons)  
 The Nitratereducator **NR 400** is a completely sealed biological filter. It is operated at a very low flow rate. The filter can be installed in almost any position, inside or outside the aquarium or the cabinet. The water flow is provided by connecting to a standard canister filter, power head or by pass circuit. The filter medium – **Deniballs** – is consumed and requires replacement in 9 to 12 months dependant on load. For optimum control we recommend the filter be used in conjunction with an Aqua Medic **mV controller** or an Aqua Medic **mV computer**. The filter is already equipped to accept our specific pressurised electrode.  
 Dimensions - without electrode (l x w x h): app. 14.5 x 10 x 37 cm (c. 5.8" x 4" x 14.5").  
 Recommended accessories: **Denimar**-powder and **Deniballs** to feed the anaerobic bacteria. Pressure resistant mV (Redox or ORP) probe - short - with PG 13.5 threaded connection, Dosing pump **SP 1500**.

410.760 4025901124460 Nitratereducator **NR Blue**



NR Blue

To reduce the nitrate level in salt- and freshwater aquaria up to 1,000 l (260 gal) volume  
 The Nitratereducator **NR Blue** is an anaerobic biological reactor for removing nitrates from salt- and freshwater aquaria. It has a 5 l (c. 1.2 gal) volume and an internal circulation pump. The **Nitratereducator** works with a flow rate of 1 to 4 l/h (c. 0.25 to 1 gph). In the absence of oxygen this situation promotes bacteria that metabolize nitrate. **Denimar**-powder or **Mini-Deniballs** are used as an organic energy source. The Nitratereducator **NR Blue** is a closed unit that can be integrated into filter systems, but may also be installed to stand alone under the aquarium. **Mini-Deniballs** and **miniballs** included.  
 Recommended accessories: For constant water flow: Dosing pump **SP 3000**. To monitor and control the process: **mV Controller** and pressure resistant threaded probe short PG 13.5. To feed the bacteria: **Denimar**-powder and **Mini-Deniballs**.  
 Ø app. 23 cm, Height app. 34 cm

410.750 4025901106633 Nitratereducator **NR 1000**



NR 1000

Denitrification filter for aquariums up to 1,000 litres (c. 250 gallons)  
 The Nitratereducator **NR 1000** is an anaerobic biological reactor for removing nitrates from marine and freshwater aquaria. It has a 10 l (c. 4.5 gal) volume and an internal circulation pump. The Nitratereducator **NR 1000** works with a flow rate of 1 to 4 l/h (c. 0.25 to 1 gph). The Nitratereducator **NR 1000** is a closed unit that can be integrated into filter systems, but may also be installed to stand alone under the aquarium. To monitor this process, it is possible to use a redox potential controller (ORP controller) in conjunction with an electrode inserted in the inbuilt PG 13.5 port or the Dosing pump **SP 3000** (supplied) can be connected for a fully controlled system. Dimensions excluding electrode (l x w x h): app. 17 x 17 x 54 cm (c. 7" x 7" x 22").  
 Recommended accessories: **Denimar**-powder and **Deniballs** to feed the anaerobic bacteria, pressure resistant mV (Redox or ORP) probe with PG 13.5 threaded connection.

410.850 4025901106640 Nitratereducator **NR 5000**



NR 5000

Denitrification filter for aquaria up to 3,000 litres (c. 800 gallons)  
 The Nitratereducator **NR 5000** uses the same biological principle as the smaller models. It has a volume of 30 l (c 7.5 gal) and is supplied with an internal circulation pump, plus the connection for a pressurised redox probe with a PG 13.5 thread. Feeding the bacteria can be performed manually with **Denimar** or automatically using **Deniballs** in conjunction with an mV (ORP) controller. The Nitratereducator **NR 5000** is a closed system and should be supplied with feed water via a bypass or a dosing pump at a rate of 12 - 30 l/h (c. 3 - 8 gph). Dimensions excluding electrode (l x w x h): app. 50 x 30 x 96 cm (c. 20" x 12" x 38.5"). Recommended accessories: **Denimar**-powder and **Deniballs** to feed the anaerobic bacteria, pressure resistant mV (Redox or ORP) probe with PG 13.5 threaded connection.

410.075 4025901112092 Sulphur Reactor **SR 400**  
 410.076 4025901112108 Hydrocarbonate Reactor **HR 400**



SR 400

HR 400

The Sulphur Reactor **SR 400** is a Bio-reactor filled with sulphur beads which promote the growth of the specialised bacteria that remove nitrate. As a by product of the biochemical reaction that takes place in the Sulphur Reactor **SR 400**, sulphuric acid is produced and in consequence the Sulphur Reactor **SR 400** must always be used in combination with a Hydrocarbonate Reactor **HR 400** in which the sulphuric acid is neutralised. Both reactors are supplied with a strong holding system. Ø app. 8 cm (c. 3.1"), length app. 35.5 cm (c. 14"), hose connection 4/6 mm (c. 1/4")

Item code	EAN-No.	Item
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**Filter components**

410.074 4025901112122 Sulphur Nitratereducator **SN 400**

The construction of the Sulphur Nitratereducator **SN 400** is very similar to that of the Nitrate-reducer **NR 400**. An internal pump circulates the water through chambers containing sulphur beads and **Hydrocarbonate**. As a by-product, sulphuric acid is produced which is neutralised by the **Hydrocarbonate** in the filter. The Sulphur Nitratereducator **SN 400** is recommended for aquariums up to 400 litres (100 gallons).  
Dimensions: app. 14.5 x 10 x 37 cm ( c. 5.7" x 4" x 14.5").  
Recommended accessories: Dosing pump **SP 1500**



**SN 400**

410.770 4025901124477 Sulphur Nitratereducator **SN Blue**

Sulphur Nitratereducator for saltwater aquaria up to 1,000 l (260 gal) volume  
The Sulphur Nitratereducator **SN Blue** is an anaerobic biological reactor for removing nitrates from saltwater aquaria. An internal pump circulates the water through chambers containing sulphur beads and **Hydrocarbonate**. Specialised bacteria develop within the Sulphur Nitrate-reducer **SN Blue** that utilise sulphur as an energy source to remove nitrate. As a by-product, sulphuric acid is produced which is neutralised by the **Hydrocarbonate** in the filter. The Sulphur Nitratereducator **SN Blue** is recommended for aquaria up to 1,000 litres (260 gal). The filter comes complete with **sulphur pearls** and **Hydrocarbonate**.  
Recommended accessories: For constant water flow: Dosing pump **SP 3000**, refill pack **sulfur pearls** and **Hydrocarbonate**.  
Ø app. 23 cm, Height app. 34 cm



**SN Blue**

410.30 4025901101119 Calciumreactor **KR 400**

A reactor to supply dissolved calcium and calcium bicarbonate ions to reef aquaria up to 400 litres (c. 100 gallons)  
The Calciumreactor **KR 400** is a sealed system operating at a very low flow rate. The filter can be installed in almost any position, inside or outside the aquarium or the cabinet. To provide the water flow, we recommend our **SP 1500** dosing pump. The reactor is filled with **Hydrocarbonate** – a pure form of calcium carbonate with an extremely low **phosphate** level. The reactor is already equipped to accept our specific pressurised **pH-electrode** short PG 13.5. Dimensions - without electrode (l x w x h): app. 14.5 x 10 x 37 cm (c. 5.8" x 4" x 14.5").  
Recommended accessories: **pressure resistant pH probe** – short, **CO<sub>2</sub>-set basic**, Dosing pump **SP 1500**, **Hydrocarbonate** as refill.



**KR 400**

410.360 4025901124453 Calciumreactor **KR Blue**

Calciumreactor to supply saltwater aquaria with dissolved Calcium. For aquaria from 250 – 1,000 l volume (65 – 260 gal)  
The Calciumreactor **KR Blue** is a hermetically closed system with an integrated circulation pump and CO<sub>2</sub>-recycling. It can be mounted in a bypass, independent from the water level in the aquarium or the filter sump. It comes filled with 4 kg **Hydrocarbonate**. The addition of CO<sub>2</sub> lowers the pH value in the Calciumreactor **KR Blue** and the **Hydrocarbonate** dissolves. Despite the low flow rate of 1 – 4 l/h (0.25 - 1 gph) high amounts of calcium and bicarbonate ions are delivered into the aquarium, where it is most beneficial to the aquarium inhabitants. The Calciumreactor **KR Blue** is supplied with a port for a pH-probe (PG 13.5).  
Recommended accessories: For constant water flow: dosing pump **SP 1500**. For continuous CO<sub>2</sub>-supply: **CO<sub>2</sub>-set basic 500** with regulator, **bubble counter** and CO<sub>2</sub>-pressure bottle. For automatic control of the CO<sub>2</sub>-addition: **M-ventil standard**, **pH Controller** and **pH-probe** with thread PG 13.5 short. Refill pack **Hydrocarbonate** and **Dolomite** for calcium and magnesium supply of the aquarium.  
Ø app. 23 cm, Height app. 34 cm



**KR Blue**

410.350 4025901106657 Calciumreactor **KR 1000**

For the supply of dissolved calcium to reef aquaria up to 1,000 litres (c. 250 gallons)  
The Calciumreactor **KR 1000** is a closed system designed for universal use. It can be operated on a bypass system, independent of the water level in the aquarium, or alternatively be installed in the filter sump. The Calciumreactor **KR 1000** has an integral port to accommodate a PG 13.5 threaded electrode to measure the pH value and a **SP 3000** dosing pump for controlled water flow. Dimensions - without electrode (l x w x h): app. 17 x 17 x 54 cm (c. 7" x 7" x 22").  
Recommended accessories: pressure resistant **pH probe** – long - threaded PG 13.5, **CO<sub>2</sub>-set basic**, **Hydrocarbonate** as refill.



**KR 1000**

410.450 4025901106664 Calciumreactor **KR 5000**

For the supply of dissolved calcium to reef aquaria up to 5,000 litres (c. 1,250 gallons)  
The Calciumreactor **KR 5000**, like our smaller models, is designed as a closed system. An integral pump provides internal water circulation. A PG 13.5 threaded port accepts a electrode for measuring and controlling the pH within the vessel. The reactor has a volume of 30 litres (c. 8 gallons), and is supplied with a 15 l bucket of **Hydrocarbonate**.  
Dimensions - without electrode (l x w x h): app. 50 x 30 x 96 cm (c. 20" x 20" x 38.5").  
Recommended accessories: pressure resistant **pH probe** – long - threaded PG 13.5, **CO<sub>2</sub>-set basic**, **Hydrocarbonate** as refill.



**KR 5000**

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**Filter components**



KS 1000



KS 5000

410.510	4025901113198	Kalkwasser stirrer <b>KS 1000</b>
410.550	4025901113204	Kalkwasser stirrer <b>KS 5000</b>

For the production of Kalkwasser for saltwater aquaria

**Kalkwasser stirrers** automatically produce Kalkwasser to replace the evaporated water in saltwater aquaria. They should be used in conjunction with an automatic refill device, e.g. the **Niveumat**. The top up water is pumped from a reverse osmosis or a reservoir through the **Kalkwasser stirrer**. Inside the unit a sediment of Calciumhydroxide powder is slowly stirred so it is kept in suspension.

The **Kalkwasser stirrers** are manufactured in 2 sizes:

Kalkwasser stirrer **KS 1000**: for aquariums up to 1,500 litres (c. 400 gal); dimensions: app. 11 cm Ø x 50 cm high, (c. 4.3" Ø x c. 20"), connection: 4/6 mm (c. 1/4") hose

Kalkwasser stirrer **KS 5000**: for aquariums up to 5,000 litres (c. 1250 gal); dimensions: app. 20 cm Ø x 60 cm high, (c. 8" Ø x 24"), connection: 4/6 mm (c. 1/4") hose.

Recommended accessories: **Niveumat** or **aquaniveau** with Dosing pump **SP 3000**



FB 5000



phosphatfilter Fe

410.600	4025901108866	<b>Fluidised bed filter FB 5000</b>
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Fluidised bed sand filter

The **FB 5000** fluidised bed sand filter is a powerful but compact biological sand filter. The water enters the filter from the bottom and keeps the small quartz sand grains fluidised – a huge surface area is created and is optimally supplied with water and nutrients. **FB 5000** can work as biological filter for aquarium systems up to 10,000 litres (c. 2,500 gallons). Dimensions: Ø 20 cm (c. 8"), total height: 170 cm (c. 67")

65024	4025901129649	<b>phosphatfilter Fe</b>
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Bypass filter for the elimination of phosphate

The **phosphatfilter Fe** is a compact chemical filtration chamber for aquarium use. It can be installed in line with any standard canister filter, or fed via a separate pump. The **phosphatfilter Fe** contains 400 ml of **antiphos Fe**. This reduces the level of phosphate and thereby curtails the growth of filamentous algae. Depending on the phosphate level, one filling of antiphos may be sufficient for an aquarium up to 600 litres (c. 150 gallons) for between 3 - 6 months. The **phosphatfilter Fe** can be used for fresh- and saltwater aquaria.

Ø app. 8 cm (c. 3.2"), length app. 24 cm (c. 9.45"), hose connection: 12 and 16 mm

65026	4014694127314	<b>carbolitreactor</b>
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Bypass filter for activated carbon

The **carbolitreactor** is a compact chemical filtration chamber for aquarium use. It can be installed in-line with any standard canister filter or fed via with a separate pump. The **carbolitreactor** can be used for fresh- and saltwater aquaria. One filling lasts, depending on the load and use, for between 10 days (for removal of medications) to up to 12 months (for long term use as biological filter) in a 400 litre (c. 100 gallon) aquarium.

Ø app. 8 cm (c. 3.2"), length app. 35.5 cm (c. 14"), hose connection: 12 and 16 mm



carbolitreactor

Item code	EAN-No.	Item
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filter bag

**Filter material**

429.01	4025901115871	<b>filter bag 1</b> , 22 x 15 cm (c. 8.6" x 5.9")
429.02	4025901115888	<b>filter bag 2</b> , 22 x 30 cm (c. 8.6" x 11.8")
429.03	4025901115895	<b>filter bag 3</b> , 22 x 45 cm (c. 8.6" x 17.7") 2 pcs.

Zip up media bag

**Filter bags** are designed to contain fine filter media, such as activated carbon, **antiphos Fe** or other granular media. The **filter bag** is fitted with a zip fastener for quick and easy replacement of the media.



11650	4014694116509	<b>antiphos Fe</b> 500 ml
12650	4014694126508	<b>antiphos Fe</b> 1000 ml
12653	4014694126539	<b>antiphos Fe</b> 5000 ml

For the control of algal growth

Phosphate and silicate remover for freshwater and saltwater aquariums **antiphos Fe** is an ideal medium for selectively extracting phosphate and silicate from aquarium water, thus counteracting unwanted algal growth. **antiphos Fe** is a highly active iron based product containing no aluminium and is completely non toxic to aquarium plants and animals. The binding capacity of **antiphos Fe** is c. 10 g phosphate/kg. Subject to the conditions 500 ml of **antiphos Fe** will treat a normally populated 300 l aquarium for c. 3 – 6 months.



11512	4014694115120	<b>carbolit</b> 500 g/1.25 l, 1.5 mm Pellets (c. 1.1 lbs/125 gal)
12513	4014694125136	<b>carbolit</b> 400 g/1.25 l, 4 mm Pellets (c. 0.9 lbs/100 gal)
11517	4025901119381	<b>carbolit</b> 5 l/3.5 kg, 1.5 mm Pellets (c. 7.7 lbs/1 gal)
12517	4025901119398	<b>carbolit</b> 5 l/3 kg, 4 mm Pellets (c. 6.6 lbs/1 gallons)
11516	4014694115168	<b>carbolit</b> 25 kg/62.5 l, 1.5 mm Pellets (c. 55 lbs)
12516	4014694125167	<b>carbolit</b> 25 kg/62.5 l, 4 mm Pellets (c. 55 lbs)

For the removal of toxins and colours

Activated carbon pellets for fresh- and saltwater aquaria. **carbolit** comprises of highly efficient activated carbon pellets. **carbolit** quickly clears aquarium water and removes colouring substances, turbidity and medication residues. Yellowing substances such as phenols and tannins that can accumulate in the water are also removed. **carbolit** may also be used as a long-term filter material.



BactoBalls

410.80	4025901101126	<b>BactoBalls</b> 25 l box (c. 6.25 gal)
410.81	4025901101133	<b>BactoBalls</b> 5 l bucket (c. 1.3 gal)
410.82	4025901101140	<b>BactoBalls</b> 15 l bucket (c. 3.75 gal)

Biological filter media

**BactoBalls** are the optimum filter medium for biological filters. They can be used in trickle filters and denitrification reactors, and in larger aquaculture systems. The large surface area of 300 m<sup>2</sup>/m<sup>3</sup> allows or a high concentration of active bacterial biomass.



410.77	4025901117691	<b>miniballs</b> 1 l
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Filling material for biological filters

**miniballs**, with a diameter of only 13 mm, are used as biomedica in small filters. They have a much higher packing density and a proportionally similar surface area to the standard **BactoBalls**, so a high biological capacity can be achieved even in small filters.



410.79	4025901112085	<b>sulfur pearls</b> 1 l
410.79-1	4025901112139	<b>sulfur pearls</b> 5 l bucket

Filter medium for Sulphur denitrification reactors

**sulfur pearls** are sulphur beads formed from pure sulphur. They are used in sulphur nitrate-reducers as the filter medium and energy source for the bacteria. They have to be replaced from time to time as they are slowly consumed by the bacteria.

Caution: Use only in nitrate removing anaerobic filters having a low water flow rate.



Item code	EAN-No.	Item
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**Filter material**



- 410.78 4025901100853 **Deniballs** 0,8 l (c. 0.2 gal)
- 410.78-1 4025901100860 **Deniballs** 5 l bucket
- 410.78-3 4025901100884 **Deniballs** 25 l box

A filter material and bacteria feed for the Nitratereducator  
**Deniballs** are manufactured from a unique biologically based plastic. One to three packages of 0.8 litres (c. 0.2 gal) each is enough to supply the Nitratereducator as the sole food source for 12 months. For the Nitratereducator **NR 5000**, about 5 litres (1.3 gal) are required. Changing the **Deniballs** after approximately 12 months is recommended to ensure safe and maintenance free denitrification in fresh- and saltwater aquaria.



- 411.78 4025901122978 **Mini-Deniballs** 0,5 l

A filter material and bacteria feed for the Nitratereducator  
**Mini-Deniballs** are manufactured from a unique biologically based plastic. One package of 0.5 litres (c. 0.2 gal) is enough to supply a Nitratereducator as the sole food source for 12 months. Changing the **Mini-Deniballs** after approximately 12 months is recommended to ensure safe and maintenance free denitrification in fresh- and saltwater aquaria.



- 410.76-1 4025901100846 **denimar** 150 g

Nutrient powder for the **Nitratereducator**  
 The bacteria within an anaerobic biofilter need organic nutrients as their energy source to remove nitrate. If **denimar** is dosed daily, high nitrate removal rates can be achieved in the **Nitratereducator**. **denimar** is suited for salt- and freshwater aquaria. It contains no fertilizers and does not foster the growth of algae.



- 12411 4014694124115 **biobacter**

bacteria culture for improving nitrification and de-nitrification in aquaria  
**biobacter** is a compound containing freeze-dried living bacteria. It is used to start new biological filters, revitalise filters after using medication, and to improve nitrification in existing aquaria. **biobacter** comprises a glass vial of bacteria and bacteria feed. 1 carton for 250 litres (c. 60 gallons).

Item code	EAN-No.	Item
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**UVC sterilizer**



- 80805 4025901116113 **Helix Max 5 W**
- 80809 4025901116120 **Helix Max 9 W**
- 80811 4025901120646 **Helix Max 11 W**
- 80818 4025901116137 **Helix Max 18 W**
- 80836 4025901116106 **Helix Max 36 W**
- 80855 4025901116144 **Helix Max 55 W**

Water clarifier for fresh- and saltwater aquariums and garden ponds.

**Helix Max UV** sterilisers can eliminate single cell algae giving crystal clear water in aquariums and ponds. The water is directed in a spiral path around the quartz tube resulting in more efficient use of the UV radiation than in standard units. The inlet and outlet fittings can be rotated through 360° for easy mounting at any angle. All **Helix Max** with a rubber cable and high frequency electronic ballast, for garden ponds, salt- and freshwater aquariums. The electronic ballasts increase the lifetime and the efficacy of the UV lamps.



**Helix Max 18 W**

Type	5 Watt	9 Watt	11 Watt	18 Watt	36 Watt	55 Watt
Salt water aquarium	25 – 125 l	125 – 250 l	150 – 350 l	250 – 500 l	500 – 1,000 l	up to 1,500 l
Recommended max. flow	100 l/h	200 l/h	300 l/h	500 l/h	1,000 l/h	1,500 l/h
Fresh water aquarium	50 – 250 l	250 – 500 l	350 – 750 l	500 – 1,000 l	1,000 – 2,000 l	bis 3,000 l
Recommended max. flow	200 l/h	500 l/h	700 l/h	1,000 l/h	2,000 l/h	3,000 l/h
Capacity	1.8 W/UVC	2.4 W/UVC	3.6 W/UVC	5.5 W/UVC	12 W/UVC	17 W/UVC
Cable length	2 m	2 m	2 m	10 m	10 m	10 m
Lamp type	PL-S-5 Watt	PL-S-9 Watt	PL-S-11 Watt	PL-L-18 Watt	PL-L-36 Watt	PL-L-55 Watt
max. pressure	0,3 bar	0,3 bar	0,3 bar	0,3 bar	0,3 bar	0,3 bar
Power connection	230 V~/50 Hz	230 V~/50 Hz	230 V~/50 Hz	230 V~/50 Hz	230 V~/50 Hz	230 V~/50 Hz
Dimensions l x w in mm, app.	160 x 75	240 x 75	290 x 75	380 x 120	510 x 120	650 x 120



**UVC-Max**

Spare bulbs for Helix Max:

- 80805-8 4025901116304 **UVC-Max 5 W**
- 80809-8 4025901116311 **UVC-Max 9 W**
- 80811-8 4025901123135 **UVC-Max 11 W**
- 80818-8 4025901116328 **UVC-Max 18 W**
- 80836-8 4025901116335 **UVC-Max 36 W**
- 80855-8 4025901116342 **UVC-Max 55 W**



**UV-C Professional**

- 81828 4025901133370 **UV-C Professional 2 x 80 W**
- 81848 4025901133349 **UV-C Professional 4 x 80 W**
- 81888 4025901133356 **UV-C Professional 8 x 80 W**
- 81898 4025901133387 **UV-C Professional 12 x 80 W**

**New**

Modular UV-C system.

Aqua Medic water clarifiers are suitable for fresh and salt water aquaria. Helix Max can eliminate single cell algae giving crystal clear water in aquaria. The water is directed in a spiral path around the quartz tube resulting in more efficient use of the UV radiation than in standard units. This system consists of modules with 80 Watt Lamps.

The housing consists of solid blue PVC tubes. The electronic ballast is placed in a switchbox together with an hour meter.



- 80891-8 4025901133363 **Spare bulb for UV-C Professional 80 W**

Item code	EAN-No.	Item
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**Light - LED**

- 86611 4025901132069 **Ocean Light LED 18 W/30 cm**
- 86612 4025901130997 **Ocean Light LED 36 W/60 cm**
- 86613 4025901131000 **Ocean Light LED 54 W/90 cm**
- 86614 4025901131017 **Ocean Light LED 72 W/120 cm**



Ocean Light LED 36 W

- 86622 4025901132021 **Ocean Light LED twin 2 x 18 W/30 cm**
- 86624 4025901132038 **Ocean Light LED twin 2 x 36 W/60 cm**
- 86625 4025901132045 **Ocean Light LED twin 2 x 54 W/90 cm**
- 86626 4025901132052 **Ocean Light LED twin 2 x 72 W/120 cm**

**New**

LED aquarium shadow column for sea water aquariums  
 The **Ocean Light LED** is equipped with high performance LEDs á 3 watt. Through the use of white and blue LEDs arises a colour temperature of app. 14.000 K. The integrated lenses, which are produced with high optical precision, arrange for a absolute plain illumination level. The shapely body of the **Ocean Light LED** is made of silver-grey anodized, sea water resistant aluminium. The heat conductive construction allows an operation without ventilators. Therefore the light is completely noiseless. An appropriate fitting, which is adjustable to the length of the aquarium, could be attached to the sides or the aquarium frame and is included in delivery. Available as an option: **aquafit 3**.

- Technical data:
- 3 Watt high performance LEDs
  - light efficiency app. 120 Lumen/watts
  - colour temperature 14.000 K
  - safety voltage 24 V with external power supply unit



Ocean Light LED



Ocean Light LED twin

Versions	LEDS	Dimensions (l x w x h) app.	Fitting adjustable for Aquariums/length
<b>Ocean Light LED 18 W</b>	2 x 3 Watt blue and 4 x 3 Watt 12.000 K	30 x 12 x 2,5 cm	30 - 50 cm
<b>Ocean Light LED 36 W</b>	4 x 3 Watt blue and 8 x 3 Watt 12.000 K	60 x 12 x 2,5 cm	60 - 80 cm
<b>Ocean Light LED 54 W</b>	6 x 3 Watt blue and 12 x 3 Watt 12.000 K	90 x 12 x 2,5 cm	90 - 110 cm
<b>Ocean Light LED 72 W</b>	8 x 3 Watt blue and 16 x 3 Watt 12.000 K	120 x 12 x 2,5 cm	120 - 140 cm
<b>Ocean Light LED twin 2 x 18 W</b>	4 x 3 Watt blue and 8 x 3 Watt 12.000 K	30 x 21 x 2,5 cm	30 - 50 cm
<b>Ocean Light LED twin 2 x 36 W</b>	8 x 3 Watt blue and 16 x 3 Watt 12.000 K	60 x 21 x 2,5 cm	60 - 80 cm
<b>Ocean Light LED twin 2 x 54 W</b>	12 x 3 Watt blue and 24 x 3 Watt 12.000 K	90 x 21 x 2,5 cm	90 - 110 cm
<b>Ocean Light LED twin 2 x 72 W</b>	16 x 3 Watt blue and 32 x 3 Watt 12.000 K	120 x 21 x 2,5 cm	120 - 140 cm

- 83200001 4025901133332 **Ocean Light LED Control**

**New**

Programmable controller for **Ocean Light LED** light fixtures  
 - Two independently programmable / dimmable channels, for white and blue LEDs (sunrise, sunset and moonlight).  
 - Optional Y-cable is available meaning up to 3 **Ocean Light LED** light fixtures can be controlled simultaneously.  
 - Programming is via the **Ocean Light LED control** timer interface.  
 - Power (24 V low voltage) is supplied via the **Ocean Light LED** connection on the light fixture itself, no additional power supply is required.  
 Dimensions (l x w x h): app. 90 x 50 x 18 mm / 3.5 x 2 x 0.75 in  
 Cable length: app. 1800 mm / 70 in



Ocean Light LED Control

- 86604 4025901132137 **Control cable Ocean Light LED**

**New**

Control cable for connecting the **Ocean Light LED** to the **sunrise control**  
 Up to 3 **Ocean Light LED** lamps can be connected to the **sunrise control**. A separate control cable is necessary for every additional **Ocean Light LED**.  
**sunrise control - See page 39.**



Control cable Ocean Light LED

- 86608 4025901133066 **Y-cable Ocean Light LED**

**New**

Y-cable for connecting several **Ocean Light LED** lamps to just one **Ocean Light LED Control**.



Y-cable Ocean Light LED

Item code	EAN-No.	Item
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**Light - LED**

83215000 4025901130430 **aquareefLED**



LED aquarium light for saltwater aquaria  
 The **aquareefLED** consists of 18 high-power Cree LED's 3 watt each (11 x 3 watt 12,000 K and 7 x 3 watt blue) with a total power of app. 50 watt. The white and blue LED's can be controlled separately in sections. We recommend using the **sunrise control** as a programmable light control. The **sunrise control** with pulse width modulation complements the **aquareefLED** with 4 controllable light channels for white LED's, blue LED's, moonlight and cloud movement that makes natural lighting possible. Even a cycle for moon phase is taken into account. The housing of the **aquareefLED** is made of black anodized saltwater resistant aluminium. The special construction with passive cooling makes it possible to operate the light without fans, making the unit very quiet.

- Technical data:
- 3 watt Cree high-power LED's- luminous efficiency app. 120 lumen/watt
  - colour temperature 14,000 K
  - for safety 24 V with external power supply
  - incl. steel wire suspension **aquafit 2**
  - dimensions (l x w x h): app. 27 x 37 x 2.4 cm

83214043 4025901131628 **Cable with stereo jack (control cable)**

**New** For connecting several **aquareefLEDs** to the **sunrise control**.

83215001 4025901130577 **aquareefLED holder**



Holder for **aquareefLED**  
 Foldable holding device for the **aquareefLED** for mounting directly to the aquarium glass (e. g. at the aquaria's rear panel)

83200000 4025901130867 **sunrise control**



Programmable light control for **aquareefLED**  
 - Four separately programmable and dimmable channels, for example white & blue LEDs, moonlight & cloud movement  
 - Up to 3 **aquareefLEDs** are controllable at the same time  
 - 10 control programmes are pre-programmed and can be changed with the included software **DimEdit**  
 - No installation on the PC is required  
 - Software update is possible online via USB  
 - 24 V, low voltage for safety  
 - Cable with stereo jack (control cable) for one **aquareefLED** is already included.

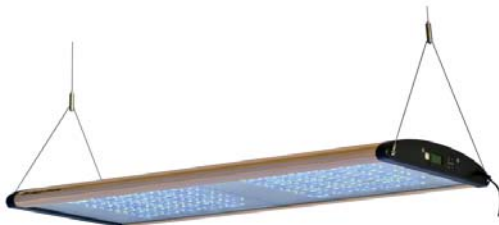
83214100 4025901123609 **aquasunLED 100 W dark silver**

83214150 4025901123616 **aquasunLED 150 W dark silver**

83214200 4025901133165 **aquasunLED 200 W dark silver**

83214300 4025901133172 **aquasunLED 300 W dark silver**

**New**



LED aquarium light for saltwater aquaria  
 Programmable light control for Sunrise/Sunset, moonlight and cloud movement.

The 100 watt and 150 watt versions have got 1 watt high-power LEDs. (70 % 1 watt white LEDs app. 12,000 K and 30 % 1 watt blue LEDs)

**NEW:**

The 200 watt and 300 watt versions have got 3 watt high-power LEDs. (66 % 3 watt white LEDs app. 12,000 K and 33 % 3 watt blue LEDs)

The light is equipped with a programmable computer control. The light channels for white LEDs, blue LEDs, moonlight and cloud movement are separately controlled by pulse width modulation that makes natural lighting possible. Even a cycle for moon phase is taken into account.

The housing is made of saltwater resistant high-quality anodized aluminium. The special construction with passive cooling makes it possible to operate the light without fans, making the unit very quiet.

Technical data:

- luminous efficiency app. 120 lumen/watt
- colour temperature app. 14,000 K
- For safety 24 V with external power pack
- incl. steel wire suspension **aquafit 3**
- computer control with USB connection for timer and dimming

Light control:

- USB-connection for PC
- Software "DimEdit" for Windows is included, no installation on the PC is required.
- 10 control programmes are pre-programmed and can be changed individually with the included software „DimEdit“. A software update will be possible online.
- 4 separately programmable and dimmable channels for white LEDs, blue LEDs, moonlight and cloud movement.

Dimensions:

**aquasunLED 100 and 200 watt:** app. 84.5 x 36 x 5.5 cm (l x w x h)  
**aquasunLED 150 and 300 watt:** app. 124.5 x 36 x 5.5 cm (l x w x h)



Item code	EAN-No.	Item
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**Light - LED**



LEDspot 100 W



LEDspot 200 W

83414100	4025901131239	<b>LEDspot 100 W 12K 90°</b>
83414150	4025901132342	<b>LEDspot 100 W 12K 60°</b>
83414160	4025901132762	<b>LEDspot 100 W 12K 120°</b>
83416100	4025901132687	<b>LEDspot 100 W blue 90°</b>
83416150	4025901132694	<b>LEDspot 100 W blue 60°</b>
83416160	4025901132724	<b>LEDspot 100 W blue 120°</b>
83415100	4025901132380	<b>LEDspot 100 W 6.5K 90°</b>
83415150	4025901132397	<b>LEDspot 100 W 6.5K 60°</b>
83415160	4025901132779	<b>LEDspot 100 W 6.5K 120°</b>
83414200	4025901131246	<b>LEDspot 200 W 12K 90°</b>
83414250	4025901132359	<b>LEDspot 200 W 12K 60°</b>
83414260	4025901132748	<b>LEDspot 200 W 12K 120°</b>
83416200	4025901132700	<b>LEDspot 200 W blue 90°</b>
83416250	4025901132717	<b>LEDspot 200 W blue 60°</b>
83416260	4025901132731	<b>LEDspot 200 W blue 120°</b>
83415200	4025901132403	<b>LEDspot 200 W 6.5K 90°</b>
83415250	4025901132410	<b>LEDspot 200 W 6.5K 60°</b>
83415260	4025901132755	<b>LEDspot 200 W 6.5K 120°</b>

**New**

Splash-proofed LED-spotlight (IP65)

The lights are equipped with 100 W respectively 200 LED chips (Epistar).

The luminous colour is 12.000 K.

The light beam is bundled with a lense to 90°. The luminous flux of the 100 W light is 10.000 lumen and of the 200 W light 20.000 lumen. These lights could replace metal halogen damp lights from 250 W respectively from 400 W.

The control gear unit is placed in a splash-proofed body on the light. The control gear (Meanwell) could be dimmed with a PWM control- e.g. with the Aqua Medic **sunrise control**.

The **LEDspots** will be cooled passive over a massive corrosion resistant aluminium cooling element.

It can be hang up on the central loop with a chain or attached with a holder out of polished stainless steel on the ceiling. Then you can adjust the angle.

Measurements:

LEDspot 100 W: Ø 32 cm, Height: app. 38 cm;

LEDspot 200 W: Ø 32 cm, Height: app. 48 cm

Weight:

LEDspot 100 W: app. 8 kg;

LEDspot 200 W: app. 11.2 kg



FlapSet LEDspot



83414108	4025901132991	<b>FlapSet LEDspot</b>
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**New**

Flaps suitable for Aqua Medic **LEDspots** 100 W and 200 W incl. mounting ring.

83400000	4025901132625	<b>sunrise control for LEDspot</b>
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**New**

**sunrise control** with special control cable and inverted program for dimming the Aqua Medic **LEDspots**. With one additional control cable each, two more **LEDspots** can be dimmed.



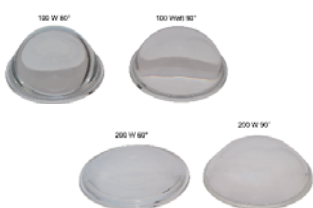
sunrise control

83400001	4025901132670	<b>Control cable LEDspot</b>
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**New**

Control cable for connecting the Aqua Medic **LEDspots** to the **sunrise control LEDspot**. Up to 3 **LEDspots** can be connected to the **sunrise control LEDspot**. A separate control cable is necessary for each spot.

**Will be mounted in the factory.**



Lens LEDspot

83414105	4025901132311	<b>Lens 90° LEDspot 100 W</b>
83414104	4025901132298	<b>Lens 60° LEDspot 100 W</b>
83414106	4025901133042	<b>Lens 120° LEDspot 100 W</b>
83414205	4025901132328	<b>Lens 90° LEDspot 200 W</b>
83414204	4025901132304	<b>Lens 60° LEDspot 200 W</b>
83414206	4025901133059	<b>Lens 120° LEDspot 200 W</b>

**New**

Lenses to change the beam angle of **LEDspots**.

Item code	EAN-No.	Item
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**Light - LED**



aquasunspot 3 x 1



aquasunspot 7 x 1

- 83314003 4025901123647 **aquasunspot 3 x 1**
- 83314007 4025901123654 **aquasunspot 7 x 1**
- 83314012 4025901123661 **aquasunspot 12 x 1**
- 83314303 4025901126471 **aquasunspot 3 x 3**

- 83315003 4025901128307 **aquasunspot 3 x 1 blue**
- 83315007 4025901128314 **aquasunspot 7 x 1 blue**
- 83315012 4025901128321 **aquasunspot 12 x 1 blue**
- 83315303 4025901128338 **aquasunspot 3 x 3 blue**



aquasunspot 12 x 1



aquasunspot 3 x 3



aquasunspot 3 x 1 blue



aquasunspot 7 x 1 blue



aquasunspot 12 x 1 blue



aquasunspot 3 x 3 blue

LED Spot light for saltwater aquaria

**aquasunspot** are constructed using 1 or 3 watt power LEDs. The combination of white (**10000 K**) and blue LEDs results in a perfect colour spectrum for coral reef aquariums. The light efficiency is c. **90 lumen/watts**. **aquasunspot blue**: Same features as **aquasunspot** but provided with just blue LEDs instead of white & blue LEDs. Can be used as blue additional lighting or moonlight. **aquasunspot 3** can be used in standard light fittings usually used for 12 V halogen lamps with a 2 pin socket. **aquasunspot 7** and **aquasunspot 12** can be used in light fittings using the E27 socket; **aquasunspot 12** is also compatible with PAR lamps.

Technical data:

- aquasunspot 3 x 1: 3 W, LED: 2 white/1 blue, 2 pins base GU 5.3, 12 V ~ or =, Ø 5 cm
- aquasunspot 7 x 1: 7 W, LED: 4 white/3 blue, 230 V/50 Hz, Ø 9,2 cm
- aquasunspot 12 x 1: 12 W, LED: 8 white/4 blue, 230 V/50 Hz, Ø 12 cm
- aquasunspot 3 x 3: 9 W, LED: 2 white/1 blue, 2 pins base GU 5.3, 12 V ~ or =, Ø 5 cm
- aquasunspot blue 3 x 1: 3 W, LED: 3 blue, 2 pins base GU 5.3/MR 16, 12 V ~ or =, Ø 5 cm
- aquasunspot blue 7 x 1: 7 W, LED: 7 blue, 230 V/50 Hz, Ø 9,2 cm
- aquasunspot blue 12 x 1: 12 W, LED: 12 blue, 230 V/50 Hz, Ø 12 cm
- aquasunspot blue 3 x 3: 9 W, LED: 3 blue, 2 pins base GU 5.3, 12 V ~ or =, Ø 5 cm



spotfix



- 83314000 4025901126938 **spotfix**

LED light fixture for aquariums

Fixture for LED light bulbs for aquariums with 6 – 8 mm glass. Made for LED lamps with socket GU 5.3 (= MR16). 12 V, 3 – 9 watts (Aqua Medic **aquasunspot 3 x 1** or **aquasunspot 3 x 3**)  
Content: LED light fixture, Glass clip (for 6 – 8 mm thickness), Power supply 12 V, comes without lamps



aquamoonLED

- 83314001 4025901131055 **aquamoonLED**

Night light for Aquariums

The **aquamoonLED** is equipped with a **aquasunspot 3 x 1 blue** with 3 W with a deep blue fluoresce light radiation. The use of such a moonlight allows the observance of nocturnal animals and reduces the easily startling of the fishes it also avoids that the fishes jump out by night. Also the reproduction and the growth of corals will be influenced by the moonlight. The **aquamoonLED** is conducted by a 12 V safety voltage. The LEDs of the **aquasunspot 3 x 1 blue** have a durability of 50.000 Hrs. A 12 V transformer and a appropriate holder with mounting clip for glass panels of 6 – 8 mm glass size are included in delivery.  
Measurement: app. 10 x 5 x 10 cm (l x w x h)

Item code	EAN-No.	Item
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**Light - T5**



Ocean Light T5



		Without bulbs, colour: black
83841-1	4025901125399	<b>Ocean Light T5 4 x 24 W</b>
83842-1	4025901120851	<b>Ocean Light T5 4 x 39 W</b>
83843-1	4025901120868	<b>Ocean Light T5 4 x 54 W</b>
83862-1	4025901120875	<b>Ocean Light T5 6 x 39 W</b>
83863-1	4025901120882	<b>Ocean Light T5 6 x 54 W</b>
83882-1	4025901120899	<b>Ocean Light T5 8 x 39 W</b>
83883-1	4025901120905	<b>Ocean Light T5 8 x 54 W</b>

Super-flat aquarium luminaries system for T5 tubes Aluminium housing - powder coated, holding unit to mount the light system on top of the aquarium, optionally equipped with Aqua Medic **aquafit** steel wire hanging system, equipped with high performance reflectors, equipped with LED moonlight (separately switchable). 2 electric circuits offer 2 different time settings.

Dimensions (l x w x h):

- Ocean Light T5 4 x 24 W: app. 68 x 23.3 x 5 cm
- Ocean Light T5 4 x 39 W: app. 97.5 x 23.3 x 5 cm
- Ocean Light T5 4 x 54 W: app. 125.5 x 23.3 x 5 cm
- Ocean Light T5 6 x 39 W: app. 97.5 x 29.3 x 5 cm
- Ocean Light T5 6 x 54 W: app. 125.5 x 29.3 x 5 cm
- Ocean Light T5 8 x 39 W: app. 97.5 x 35.3 x 5 cm
- Ocean Light T5 8 x 54 W: app. 125.5 x 35.3 x 5 cm

83454-1	4014694834540	<b>aquastarlight T5 4 x 54 W</b> 120 cm (c. 48") black
83454-4	4025901113709	<b>aquastarlight T5 4 x 54 W</b> 120 cm (c. 48") silver

The **aquastarlight T5** luminaries is designed to accommodate the T5 fluorescent lamps. The luminaries is extruded from saltwater resistant aluminium and powder coated. It contains four T5 fluorescent lamps, 2 x T5 blue + 2 x T5 white. The **aquastarlight T5** is supplied with high frequency electronic ballasts giving completely flicker free light. These features make them ideal fluorescent lamps for lighting aquariums and terrariums.

Dimensions (l x w x h): app. 122 x 20 x 7.7 cm



aquastarlight T5

		Without bulbs
84321	4025901120035	<b>sun cover T5 2 x 24 W</b> app. 65 cm (c. 25.6")
84422	4025901115925	<b>sun cover T5 2 x 39 W</b> app. 100 cm (c. 40")
84623	4025901116021	<b>sun cover T5 2 x 54 W</b> app. 125 cm (c. 50")
84723	4025901117042	<b>sun cover T5 2 x 54 W</b> app. 130 cm (c. 51.2")

T5 lighting for salt- and freshwater aquariums

The **sun cover T5** lighting fixture offers a superior method of converting the lighting of standard aquariums from T8 to the more powerful T5 lamps. The **sun cover T5** can easily replace the existing T8 luminaries and in many cases the existing lids are compatible with **sun cover T5**. Of course, the **sun cover T5** can also be used with new aquariums of any suitable length. The **sun cover T5** is manufactured from a saltwater resistant aluminium profile and is supplied with high quality reflectors.

84200	4025901128413	<b>sun cover fit</b>
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Holder for the lamp **sun cover T5**.

With this holder, the **sun cover** can be fixed at a steel suspension or directly under a plate.

80909	4014694809098	<b>Ocean Blue power compact 24 W</b>
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Blue actinic power compact lamp for saltwater aquariums. For combination with metal halide lamps and **Ocean White 24 W**.

81909	4014694819097	<b>Ocean White power compact 24 W</b>
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Blue-white power compact lamp with a colour temperature of 10000K. For freshwater and marine aquarium.

83221	4025901113969	<b>T5 reflektor 24 W</b> incl. clip
83231	4025901113976	<b>T5 reflektor 39 W</b> incl. clip
83251	4025901113983	<b>T5 reflektor 54 W</b> incl. clip
83281	4025901113990	<b>T5 reflektor 80 W</b> incl. clip
83220	4025901120530	Clip for reflector <b>T5</b> (stainless steel)



sun cover T5



T5 reflector

Item code	EAN-No.	Item
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**Light - T5**



88700	4025901116540	<b>aqualine T5 Reef Blue 24 W</b> 55 cm (c. 22")
88701	4025901116557	<b>aqualine T5 Reef Blue 39 W</b> 85 cm (c. 34")
88702	4025901116564	<b>aqualine T5 Reef Blue 54 W</b> 115 cm (c. 46")
88703	4025901116571	<b>aqualine T5 Reef Blue 80 W</b> 145 cm (c. 58")

**aqualine T5 Reef Blue** is intended for use in saltwater aquariums with the lamp emitting, almost exclusively, blue light in the spectrum between 400 nm and 500 nm, peaking at 420 nm. These wavelengths enhance the growth of many coral species. In addition, when combined with **Reef White 10K** or **15K** they give the aquarium a most natural appearance.



88710	4025901116625	<b>aqualine T5 Reef White 15K 24 W</b> 55 cm (c. 22")
88711	4025901116632	<b>aqualine T5 Reef White 15K 39 W</b> 85 cm (c. 34")
88712	4025901116649	<b>aqualine T5 Reef White 15K 54 W</b> 115 cm (c. 46")
88713	4025901116656	<b>aqualine T5 Reef White 15K 80 W</b> 145 cm (c. 58")

A blue/white lamp for the illumination of saltwater aquaria  
This lamp emits an extremely bright blue/white light, providing ideal illumination for the saltwater aquarium. The spectrum is chosen to encourage strong coral growth. **aqualine T5 Reef White 15K** can be used as the sole light source for an aquarium, as well as in combination with **aqualine T5 Reef Blue**.



88720	4025901116588	<b>aqualine T5 Reef White 10K 24 W</b> 55 cm (c. 22")
88721	4025901116595	<b>aqualine T5 Reef White 10K 39 W</b> 85 cm (c. 34")
88722	4025901116601	<b>aqualine T5 Reef White 10K 54 W</b> 115 cm (c. 46")
88723	4025901116618	<b>aqualine T5 Reef White 10K 80 W</b> 145 cm (c. 58")

**aqualine T5 Reef White 10K** is a bright white lamp with a colour temperature of 10000 K. The lamp simulates tropical sunlight and is the ideal basic illumination for marine as well as freshwater aquaria. For saltwater aquariums, we recommend combining **aqualine T5 Reef White 10K** with **aqualine T5 Reef Blue** to increase the blue spectrum whilst for freshwater the combination of **aqualine T5 Reef White 10K** with **aqualine T5 Plant Grow** will enhance plant growth.



88730	4025901116663	<b>aqualine T5 Plant Grow 24 W</b> 55 cm (c. 22")
88731	4025901116670	<b>aqualine T5 Plant Grow 39 W</b> 85 cm (c. 34")
88732	4025901116687	<b>aqualine T5 Plant Grow 54 W</b> 115 cm (c. 46")
88733	4025901116694	<b>aqualine T5 Plant Grow 80 W</b> 145 cm (c. 58")

**aqualine T5 Plant Grow** is a growth lamp for plants in freshwater aquariums  
The lamp accentuates the red and blue parts of the spectrum and comes close to the absorption spectrum of water plants. These wave lengths stimulate photosynthesis and so create excellent condition for luxuriant plant growth. In addition the colours become more vibrant in any fish with red pigmentation (e.g. Cardinal tetra). Combined with **aqualine T5 Reef White 10K**, **Plant Grow** gives the aquarium a brilliant natural appearance.



Item code	EAN-No.	Item
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**Light - Metal halide**

Please specify bulbtype:

**5K, 13K, 16K, 20K. Without specification 13K will be included. All luminaires are equipped with bulbs and steel wire suspension.**

86212	4014694962120	<b>Ocean Light 150</b> 1 x 150 W
86222	4025901113402	<b>Ocean Light 150</b> 2 x 150 W
86232	4025901117059	<b>Ocean Light 150</b> 3 x 150 W
86213	4025901117066	<b>Ocean Light 250</b> 1 x 250 W
86223	4025901117073	<b>Ocean Light 250</b> 2 x 250 W
86233	4025901117080	<b>Ocean Light 250</b> 3 x 250 W
86312	4014694963127	<b>Ocean Light 150 plus</b> 1 x 150 W + 2 x 24 W T5 blue
86322	4025901113419	<b>Ocean Light 150 plus</b> 2 x 150 W + 2 x 54 W T5 blue
86332	4025901116182	<b>Ocean Light 150 plus</b> 3 x 150 W + 2 x 80 W T5 blue
86313	4025901117097	<b>Ocean Light 250 plus</b> 1 x 250 W + 2 x 24 W T5 blue
86323	4025901117103	<b>Ocean Light 250 plus</b> 2 x 250 W + 2 x 54 W T5 blue
86333	4025901117110	<b>Ocean Light 250 plus</b> 3 x 250 W + 2 x 80 W T5 blue

Aquarium Luminaries for metal halide lamps

The luminaries in the **Ocean Light** series bring the intensity and sparkle of metal halide lighting into your aquarium at a very economic price. Of course, there is no compromise in the known Aqua Medic quality: anodised aluminium housing - high quality reflectors, **aqualine 10000** lamps with 13000 K colour temperature, steel wire suspension. **Ocean Light**: supplied with metal halide bulbs only. **Ocean Light plus**: which includes the metal halide lamps and 2 **aqualine T5 tubes**. Individual power cables are provided for separate control of the fluorescent and HQI circuits.

Dimensions (l x w x h):

Ocean Light 150 1 x 150 W:	app. 60 x 24 x 7 cm
Ocean Light 150 2 x 150 W:	app. 120 x 24 x 7 cm
Ocean Light 150 3 x 150 W:	app. 180 x 24 x 7 cm
Ocean Light 250 1 x 250 W:	app. 60 x 31.5 x 8.2 cm
Ocean Light 250 2 x 250 W:	app. 120 x 31.5 x 8.2 cm
Ocean Light 250 3 x 250 W:	app. 180 x 31.5 x 8.2 cm
Ocean Light 150 plus 1 x 150 W + 2 x 24 W T5 blue:	app. 60 x 30 x 8.2 cm
Ocean Light 150 plus 2 x 150 W + 2 x 54 W T5 blue:	app. 120 x 30 x 8.2 cm
Ocean Light 150 plus 3 x 150 W + 2 x 80 W T5 blue:	app. 180 x 30 x 8.2 cm
Ocean Light 250 plus 1 x 250 W + 2 x 24 W T5 blue:	app. 60 x 35.5 x 8.2 cm
Ocean Light 250 plus 2 x 250 W + 2 x 54 W T5 blue:	app. 120 x 35.5 x 8.2 cm
Ocean Light 250 plus 3 x 250 W + 2 x 80 W T5 blue:	app. 180 x 35.5 x 8.2 cm

Please should be added to the luminaire part number, to complete order confirmation: -1 black, -3 RAL-number from our colour card, -4 silver.

<b>aquasunlight NG 60 cm</b>		
85512	4025901114195	1 x 150 W + 2 x T5 24 W
85612	4025901114201	1 x 150 W + 4 x T5 24 W
85513	4025901114218	1 x 250 W + 2 x T5 24 W
85613	4025901114225	1 x 250 W + 4 x T5 24 W
<b>aquasunlight NG 120 cm</b>		
85522	4025901113822	2 x 150 W + 2 x T5 54 W
85622	4025901113839	2 x 150 W + 4 x T5 54 W
85523	4025901113846	2 x 250 W + 2 x T5 54 W
85623	4025901113853	2 x 250 W + 4 x T5 54 W
<b>aquasunlight NG 180 cm</b>		
85532	4025901113860	3 x 150 W + 2 x T5 80 W
85632	4025901113877	3 x 150 W + 4 x T5 80 W
85533	4025901113884	3 x 250 W + 2 x T5 80 W
85633	4025901113891	3 x 250 W + 4 x T5 80 W

The **aquasunlight NG** combines all the benefits of metal halide lamps with the technology of the new T5 fluorescent lamps. Of course, the fixture is made of saltwater resistant powder coated aluminium and supplied with high purity aluminium reflectors. For long term reliability the electronic components are all manufactured by the leading european manufacturers. Incl. LED-moonlight. The steel wire suspension **aquafit** is included in delivery. She is equipped with a timer, an integrated 3-channel remote control, as standard.

**Delivery without timer is possible. Please point this out when placing an order.**

Dimensions (l x w x h):

aquasunlight NG 60 cm:	app. 60 x 41 x 9.5 cm
aquasunlight NG 120 cm:	app. 120 x 41 x 9.5 cm
aquasunlight NG 180 cm:	app. 180 x 41 x 9.5 cm



Ocean Light



aquasunlight NG



Item code	EAN-No.	Item
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**Light - Metal halide**

80423	4025901131529	<b>Sylveo 2 250 W cw</b>
80424	4025901131536	<b>Sylveo 2 400 W cw</b>
80415	4014694804154	<b>aqualight 1000 W</b>

Splash proof luminaries for metal halide lamps

Aquarium lights in a splash-proofed aluminium housing. With the exception of the 1000 watt version, all the control gear is mounted within the aluminium housing. Models are available for 250, 400 and 1000 watts metal halide bulbs and **aqualine 10000** lamps are included.

**Sylveo 2 250 W** and **Sylveo 2 400 W**:

app. 41.9 x 44.9 x 17.1 cm (l x w x h), silver power coated, protection class IP 65

**aqualight 1000 W**:

app. 56 x 35 x 19 cm (l x w x h), black power coated, protection class IP 55

**Other wattages available on demand.**



Sylveo 2

aqualight 1000

80941	4014694809418	<b>aqualine 10000</b> 70 W 13K
80942	4014694809425	<b>aqualine 10000</b> 150 W 13K
80950	4014694809500	<b>aqualine 10000</b> 175 W E39 13K
80943	4014694809432	<b>aqualine 10000</b> 250 W 13K
80951	4014694809531	<b>aqualine 10000</b> 250 W E40 13K
80944	4014694809449	<b>aqualine 10000</b> 400 W E40 13K
80945	4014694809456	<b>aqualine 10000</b> 1000 W E40 13K

Metal halide lamp for saltwater aquaria

The **aqualine 10000** lamp has a colour temperature of 13000° Kelvin and a high percentage of the light output is at the blue end of the spectrum. **aqualine 10000** was the first metal halide lamp to simulate the lighting conditions on a coral reef and the new lamp gives an even more realistic looking aquarium as the improved twin getters give long term colour stability. The corals show their natural colours and the lighting intensity encourages excellent growth. **aqualine 10000** helps to transform your aquarium into a perfect reef tank.



80982	4014694809821	<b>aqualine 16000</b> 150 W 16K
80983	4014694809838	<b>aqualine 16000</b> 250 W 16K

A blue/white full spectrum metal halide lamp for marine aquaria

The **aqualine 16000** lamp simulates the light spectrum in deeper waters. It is best used in combination with **aqualine 10000**, but as it is a full spectrum lamp it can also be used as the sole light source, if a high percentage of blue light is required. In these circumstances, there is no need for blue fluorescent lamps and the efflorescing colours of the corals are enhanced.



80971	4014694809715	<b>aqualine 20000</b> 70 W 20K
80972	4014694809722	<b>aqualine 20000</b> 150 W 20K
80973	4014694809739	<b>aqualine 20000</b> 250 W 20K

A blue metal halide lamp for marine aquaria

The **aqualine 20000** blue lamp emits light strongly in the blue end of the spectrum. The use of this "actinic" lamp enhances the fluorescent blue and green colours of many corals. The lamp should be used in combination with **aqualine 10000**. This combination gives the aquarium a beautiful bluish hue.



80974	4014694809746	<b>Colorlite 400 W</b> blue
80975	4014694809753	<b>Colorlite 1000 W</b> blue

81911	4014694819110	<b>aqualine 5000 70 W</b> 5K
81912	4014694819127	<b>aqualine 5000 150 W</b> 5K
81913	4014694819134	<b>aqualine 5000 250 W</b> 5K

Daylight metal halide lamp for freshwater aquaria

**aqualine 5000** is a metal halide lamp with a colour temperature of 5000° Kelvin – attenuated sunlight. This lamp was specially developed for the illumination of freshwater aquaria with its a high percentage of red light and a high intensity – 11000 lumens per watt. It gives planted aquaria a natural appearance and enhances plant growth.



Item code	EAN-No.	Item
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**Accessories Light**



80400 4014694804000 **aquafit**

**Steel Wire Suspension**

The wire suspension system **aquafit** provides a neat and simple method of ceiling mounting of Aqua Medic and other suitable lights. The suspension system contains 2 pcs. of the following: ceiling plate with retaining bush, stainless steel, top screw fitting, wire with ferrule, light fixing incl. top cap, plastic washer, screws and wall fixings and clips to secure the wire's end.

80401 4025901124965 **aquafit 2**

**Steel Wire Suspension**

Universal Suspension kit for use with all suspended lightning units, provided that the screws in the housing's end plates are of adequate length & not too wide (max. Ø 4 mm).

**aquafit 2** consists of 2 pieces of: 2 metre stainless steel wire with stopper, ceiling plate with retaining bush, steel wire with height and angle adjustment unit attached, screws and plugs. The suspension kit allows fixing of the lighting unit to the ceiling, and provides easy adjustment in both the height and the angle of unit.



80402 4025901132014 **aquafit 3**

**New**

**Steel Wire Suspension**

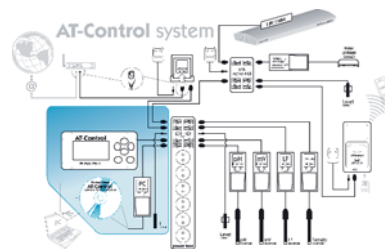
Suitable for Aqua Medic **Ocean Light LED** series, may also be suitable for other lights that have Ø M3 thread fixings to attach the cable holder onto the top of the light housing. **aquafit 3** consists of 2 pieces of 2 metre stainless steel wire with stopper, ceiling plate with retaining bush, steel wire with height and angle adjustment unit attached, screws and plugs. The suspension kit allows fixing of the light unit to a suitable ceiling and provides easy adjustment in both the height and angle of the unit.



Item code	EAN-No.	Item
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**Measurement and control technology**

78000	4025901116700	<b>AT-Control system set</b> incl. <b>Interface USB &amp; Temperature sensor</b>
78005	4025901116717	<b>Power Box</b>
78033	4025901116786	<b>Interface pH</b>
78032	4025901116793	<b>Interface mV</b> Electrodes & test fluids see page 50.
78034	4025901116823	<b>Interface Level + Temperature</b>
78054	4025901117257	<b>Temperature probe</b>
78056	4025901117271	<b>Level Sensor cpl.</b>
78030	4025901116809	<b>Interface Conductivity</b>
78050	4025901117233	<b>Conductivity Probe</b>
78031	4025901116816	<b>Interface Density</b>
78051	4025901117240	<b>Density Probe</b>
78051-2		<b>Calibration liquid 52 mS 50 ml for AT-Control</b>
78036	4025901120080	<b>Ethernet module</b> Connection for the <b>AT-Control</b> to the Internet for online-control of the aquarium
78037	4025901120103	<b>Interface USB</b> Connection for your PC.
78047	4025901121018	<b>Active Hub</b> Additional 6 pcs. USB-connections <b>AT-Control</b>
78039	4025901120806	<b>SMS Module</b> By the aid of the <b>SMS module</b> , the <b>AT-Control</b> can send alerts and notification of emergent to your mobile phone.
78038	4025901120097	<b>Interface Water Leakage</b> Connection for up to two water leakage sensor
78058	4025901120110	<b>Water leakage sensor</b>
230.00	4025901100358	<b>Electrode holder</b>



A centralised microprocessor controller for aquariums, terrariums or other applications **AT-Control** can measure and control pH, ORP (Redox potential), temperature, conductivity, water level and using the numerous timed circuits, lighting, dosing etc. Programming and control can also be undertaken using a PC via an USB connection. The system is modular in arrangement. It can be enlarged from a basic module to a complete control unit for several aquariums. All the modules are interconnected via USB ports. The data can be downloaded to a PC and shown graphically.

Item code	EAN-No.	Item
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**Measurement and control technology**



pH-control-Set



Titanium heater

200.00 4025901100204 **pH controller** without probe

pH monitor and controller  
The **pH controller** is a precision instrument for controlling the pH value in aquaria. In combination with a CO<sub>2</sub> system and a solenoid valve the pH can be maintained at a constant level, and the CO<sub>2</sub> supply to aquatic plants or into a calciumreactor can be controlled. The unit is supplied with a large LED display and the control range is digitally adjustable from pH 3.5 to 10.5. **The direction of adjustment can be set up or down.** The **pH controller** has a BNC connection for pH electrodes. The use of an original Aqua Medic **plastic shafted electrode** is recommended.

200.50 4025901100259 **pH-control-Set**

Includes: **controller, pH-sensor, sensor holder, pH-test fluid** and **solenoid valve.**

200.05 4025901100211 **mV controller** without probe

Redox-potential (ORP) monitor and controller  
The **mV controller** is designed for monitoring and controlling the redox potential (or ORP - oxidation-reduction potential) in aquaria. The unit has a broad controlling range from -500 to a +500 mV, and a measuring range from -1000 to +1000 mV. It can be used to control the supply of ozone in saltwater aquaria and / or for the control of nitrate removal in anaerobic biological filters (**Nitratoreductor**). The unit is supplied with a BNC connection for a mV probe. The use of an original Aqua Medic **plastic shafted electrode** is recommended.

200.10 4025901100228 **LF controller** with probe

Conductivity monitor and controller  
The salt content of water can be determined by measuring the electrical conductivity. A special feature of the **LF controller** conductivity monitor and controller is the broad measurement and control range which is divided into 2 bands: from 0 to 2000 µS, the unit is used for monitoring desalinated water and freshwater, and in the range 0 to 200 mS, it is used for brackish and saltwater. The unit can therefore be used for the control of reverse osmosis units, for monitoring breeding tanks with soft water, and for the control of the salt content in marine aquaria. The unit is supplied with a directly connected, saltwater resistant graphite electrode.

200.15 4025901100235 **T controller CC** with probe  
200.20 4025901100242 **T controller HC** with probe

Temperature monitor and controller  
The **T controller** is available in 2 versions: **T controller HC** for the control of heating systems and **T controller CC** for the control of cooling units. The control range varies from 0 to 50 °C, with an accuracy of ±0.1 °C. The maximum load is 1000 watts for heaters and 600 watts for coolers. The units are supplied with a waterproof temperature probe.

200.25 4025901130973 **T controller twin**

Digital temperature monitor & controller, for the control & monitoring of heating systems and cooling units simultaneously  
The temperature controller **T controller twin** is used for controlling both heating systems & cooling units. Measuring and switching accuracy is 0.1 °C. The control range varies from 0 – 50 °C, & the set value is in 1 °C increments. **The maximum load for the heating systems & cooling units is 1,200 watts.** Because of the integrated double socket it is possible to connect a heating system & cooling unit simultaneously. The **T controller twin** is supplied with a waterproof temperature probe. The LCD display provides instant information on the current temperature. The minimum and maximum values can be easily adjusted.

- 110.010 4025901112818 **Titanium heater 100 W**  
for aquaria up 100 - 250 l, length: app. 27 cm (c. 10.6")
- 110.020 4025901112825 **Titanium heater 200 W**  
for aquaria up 250 - 500 l, length: app. 28 cm (c. 11")
- 110.030 4025901112832 **Titanium heater 300 W**  
for aquaria up 500 - 1,000 l, length: app. 30 cm (c. 11.8")
- 110.050 4025901112849 **Titanium heater 500 W**  
for aquaria up 1,000 - 1,500 l, length: app. 32 cm (c. 12.6")

Titan Aquarium Heater  
**Titanium heaters** are the safe alternative to glass heaters in both fresh- and salt water aquaria. The unbreakable titanium housing is seawater resistant and the heaters have both overheat and dry running protection cutouts. The heaters must be used in combination with a temperature controller. For temperature-dependet control we recommend optional the use of our **T controller twin**. Ø 20 mm

Item code	EAN-No.	Item
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**Measurement and control technology**



203.20 4025901119428 **T-meter**  
Submersible digital thermometer incl. rubber sucker and battery.



203.10 4025901130966 **T-meter twin**  
External double-display Thermometer  
Large double LCD display simultaneously showing aquarium & ambient temperature. Selectable temperature unit: °C or °F. With adhesive tape at back side for easy putting on aquarium tank  
Ambient: -10 ~ +50 °C (-14 ~ +122 °F)  
Aquarium: -50 ~ +70 °C (-58 ~ +158 °F)  
Resolution: 0.1 °C / 0.1 °F  
Accuracy: ±1 °C (2 °F)  
Power supply: 1.5 V (AG10)



201.00 4025901100266 **pH computer-Set**  
Microprocessor controlled pH monitor and controller  
The **pH computer-Set** utilises a modern microprocessor, which provides high precision measurement and control. The **pH computer-Set** is used to control precise values of pH in the aquarium or the calciumreactor. The direction of control can be set upwards or downwards. The computer can switch up to 500 watts using the supplied external electrical socket. When the calibration key has been selected the unit will automatically calibrate itself to the electrode. A **plastic shafted pH electrode** with BNC fitting and the correct calibration fluids are included.



201.05 4025901100686 **mV computer-Set**  
Microprocessor controlled redox-potential (ORP) monitor and controller  
The **mV computer-Set** uses the same microprocessor technique as the **pH computer-Set**. Waterproof touch keys are used to set the required values and calibrate the electrode. The **mV computer-Set** is ideal for controlling anaerobic biological filters such as the **Nitratereduc-tor** which have negative redox potential or can control the supply of ozone to the aquarium, or monitor the aquarium water's redox potential. All these functions are possible due to the computer's broad measurement and control range of -500 to +1000 mV. The direction of control can be set upwards or downwards. The status of the direction of control and the output are shown on LED's. A plastic shafted **mV electrode** with a BNC fitting and calibration fluid is included.



201.20 4025901100297 **T computer-Set**  
Microprocessor controlled temperature monitor and controller  
The **T computer-Set** is a precise multi-functional temperature controller and is complete with a digital temperature sensor. The mode of operation can be set using the function keys, either as a heater or cooler controller. In "heating" mode, the temperature is controlled to the set value using a proportional pulse system with an accuracy of ±0.1 °C. In the "cooling" mode, the accuracy is ±0.5°C. The maximum operating power is 1,000 watts for heaters and 600 watts for coolers.



77113 4014694771135 **aquaniveau** with 1 switch  
77114 4014694771142 **aquaniveau** with 2 switch  
Electronic level and refill controller  
The **aquaniveau** electronic level controller may be used in 2 different modes: As a top up controller with one or two float switches to control the replacement of evaporated water. One switch controls the pumping from a storage vessel (not supplied), the other, if opted for, provides protection to prevent the top up pump (not supplied) from running dry. As maximum/minimum contact to control reverse osmosis units, in conjunction with a solenoid valve. Both level switches are low voltage.

Item code	EAN-No.	Item
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**Measurement and control technology**

- 202.00 4025901113129 **ozone 25**
- 202.05 4025901113136 **ozone 50**
- 202.10 4025901113143 **ozone 100**
- 202.15 4025901113150 **ozone 200**
- 202.20 4025901113167 **ozone 300**



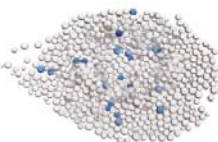
**ozone**

The injection of **ozone** into the water can improve the efficiency of protein skimming and raise the ORP (redox potential). The decomposition of toxic nitrite is enhanced whilst the bacteria count in the water decreases, minimising the risk of ill health in the animals. The compounds that produce yellow colouring in the aquarium are broken down and the water stays crystal clear. The ozone generators in the **ozone** – series utilise low voltage technology for safety and reliability. Various models are available with capacities from 25 – 300 mg/h.

	<b>ozone 25</b>	<b>ozone 50</b>	<b>ozone 100</b>	<b>ozone 200</b>	<b>ozone 300</b>
Ozone output in mg/h	2 - 25	5 - 50	10 - 100	50 - 200	50 - 300
Continuously adjustable %	0 - 100	0 - 100	0 - 100	0 - 100	0 - 100
Power consumption/watt	3	3,6	4,8	6	10
Air flow rate l/h	30 - 500	30 - 500	50 - 500	100 - 500	200 - 500
Fresh water amount up to/l	500	1000	2000	4000	6000
Salt water amount up to/l	250	500	1000	2000	3000
Outlet/connection in mm	4	4	4	4	4



**Ozone Booster**



**Silicagel**

- 65027 4025901116977 **Ozone Booster**

**Air dryer**

The air dryer is for use with any Aqua Medic Ozone Generators. Ozone output can decrease dramatically if the supply air is very humid. **Ozone Booster** should be used to dry the air, particularly if a protein skimmer is supplied with **ozone** using the humid air present in the aquarium cabinet. In some circumstances ozone production can be almost doubled. The unit utilises **silicagel** as the drying component. The **silicagel** should be changed as soon as the indicator beads change their colour from blue to pink.

- 12730 4025901116984 **Silicagel 1 l**

**Ozone Booster - Refill**

Dry granulate with high de-hydration capacity. The indication pearls changing colour from blue to pink if wet.

- 220.10 4025901100310 **Plastic probe pH**
- 220.11 4025901100327 **Glass probe pH**
- 220.12 4025901106596 **Plastic probe pH PG 13.5**
- 220.13 4025901108279 **Plastic probe pH PG 13.5 short**
- 220.16 4025901100334 **Plastic probe mV**
- 220.17 4025901100341 **Glass probe mV**
- 220.18 4025901106602 **Plastic probe mV PG 13.5**
- 220.19 4025901108262 **Plastic probe mV PG 13.5 short**

Aqua Medic **pH- and mV-electrodes** (Redox-potential) are quality products designed for both accurate measurement and long, trouble free use. Both types of electrodes are available in three versions: Standard electrodes - with plastic shaft, glass electrodes - laboratory standard for extended performance. Electrodes with plastic shaft and PG 13.5 thread - pressure resistant up to 3 bar, and can be used in plumbing fittings or in the closed versions of the Nitratereducers **NR 400** and Calciumreactors **KR 400**. These electrodes are available in a short version for the Calciumreactor **KR 1000** and the Nitratereductor **NR 1000**.

- 230.62 4025901133219 **Electrode holder 2**
- 230.64 4025901133226 **Electrode holder 4**

**New**

For use with up to 2 or 4 electrodes, easily attaches to the aquarium. The level of submergence of the electrodes is fully adjustable.

- 230.00 4025901100358 **Electrode holder**

An **Electrode holder** is available as an option. It can hold up to four electrodes, and can be attached to the horizontal stress bars inside the aquarium, or directly over the edge of the aquarium glass.

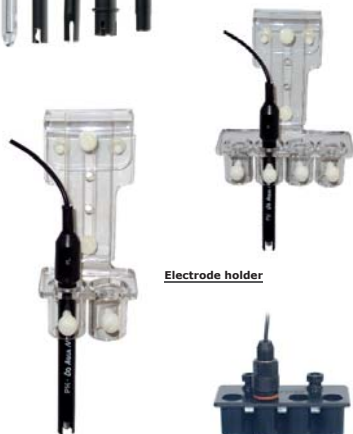
- 230.004 4025901129564 **pH 4 test fluid 60 ml**
- 230.007 4025901129571 **pH 7 test fluid 60 ml**
- 230.009 4025901129588 **pH 9 test fluid 60 ml**
- 230.300 4025901129595 **KCL-solution for pH + mV sensors 60 ml**
- 230.230 4025901129618 **230 mV test fluid 60 ml**
- 230.400 4025901129601 **Cleaning solution 60 ml**
- 230.250 4025901129625 **250 µS test fluid 60 ml**
- 230.050 4025901129632 **50 mS test fluid 60 ml**

**Electrode calibration fluids**

The accuracy of all electrodes is dependent upon their calibration. To ensure accurate readings, all electrodes need to be calibrated at regular intervals. To ensure that the fluid values used to calibrate the electrodes remain constant, regular replacement of these fluids should occur.



**probes**



**Electrode holder**



**test fluids**

Item code	EAN-No.	Item
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premium line 90/150

premium line 300



easy line



Merlin plus (PRF-RO)



Demineralisation filter



Activated carbon prefilter



Sediment prefilter

**Reverse osmosis**

U800.25	4025901113020	<b>premium line 90</b> , 75 - 90 l/day
U800.30	4025901113037	<b>premium line 150</b> , 120 - 150 l/day
U800.35	4025901129816	<b>premium line 300</b> , 240 - 300 l/day

For producing 75 – 300 litres (c. 19 – 79 gal) of purified tap water per day. The **premium line** reverse osmosis units are compact and versatile superior grade products. They are supplied with two large (10") prefilter housings and their activated carbon and 5µ sediment cartridges can easily be replaced. The membrane, the heart of the unit, is offered in 3 sizes: 90 l/day and 150 l/day as well as a double membrane of 300 l/day. The membrane housing includes a combined flushing valve and flow restrictor and the system can achieve a concentrate to permeate recovery ratio of 3 to 1 with a rejection rate of 95 – 98 %. The prefilter housings and the membrane module are mounted onto a strong powder coated wall mounting bracket.

U700.25	4025901111941	<b>easy line 90</b> , 75 - 90 l/day
U700.30	4025901111958	<b>easy line 150</b> , 120 - 150 l/day

For producing 75 - 150 litres of purified tap water per day (c. 23 - 40 gpd). The **easy line 90** and **easy line 150** reverse osmosis units are compact and powerful. A sediment filter retains all particles larger than 5 µm and a carbon filter protects the membrane by removing chlorine. We use the latest generation of TFC (Polyamide / Polysulfone) membranes to provide the highest quality treated water, providing a recovery ratio of approximately 3 - 4 concentrate : 1 permeate, and a rejection rate of 90 to 98 %.

U600.71	4025901117707	<b>Merlin plus (PRF-RO)</b>
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Reverse osmosis unit with a capacity of c. 2,000 l/day (c. 500 gpd). The **Merlin plus (PRF-RO)** reverse osmosis unit operates using just the mains pressure of the tap water (3 - 4 bar), without the need for a high pressure pump. It has 2 high flow membranes and a combined activated carbon/sediment prefilter. Salt rejection is c. 90 - 95 % and the recovery ratio (purewater:wastewater) is 3-4:1. The unit is frame mounted and ready to run. We recommend using an **aquaniveau** level control with an **M-ventil 1/2"** to give automatic control of the unit.

**Accessories for reverse osmosis**

U601.00	4025901102086	Hardness filter 10" incl. CO <sub>2</sub> -connection
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Filled with **Hydrocarbonate**, this filter is placed after the reverse osmosis unit to enrich the water with minerals. If CO<sub>2</sub> is injected into the filter, the calcium concentration can be raised even further. The complete filter (housing and cartridge) includes a CO<sub>2</sub> injection port.

U601.10	4025901108200	Demineralisation filter 10"
U601.11	4025901108217	Demineralisation filter 1 l
U601.12	4025901108224	Demineralisation filter 5 l

Used to remove the last remaining pollutants using a special ion exchange resin, and is placed after the reverse osmosis unit. It reduces the growth of diatom, if silicate level of tap water is too high.

U605.60	4025901102192	Membrane 90 l / day
U605.65	4025901102208	Membrane 150 l / day
U605.01	4025901102116	Activated carbon prefilter w. fittings for easy line
U605.06	4025901102130	Sediment 5 µm prefilter w. fittings for easy line
U610.06	4025901128352	Flushing valve 90 l/day
U610.01	4025901128369	Flushing valve 150 l/day
U610.13	4025901129830	Flushing valve 300 l/day
U606.17	4025901102260	Sediment filter 5 µm
U606.10	4025901102246	Combined filter cartridge carb./sed.
U606.15	4025901102253	Activated carbon filter cartridge

U608.00	4025901102376	Booster pump
U630.00	4025901102529	PE-tube 4/6 mm / 1 m



Item code	EAN-No.	Item
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**CO<sub>2</sub>**

CO<sub>2</sub>-Starter Set



**New system - available soon.**

71600 4025901134858 **CO<sub>2</sub>-Starter Set**

Set for carbon dioxide supply for aquaria up to 200 liters  
Consisting of an 0.5 liter aluminum CO<sub>2</sub> bottle, a pressure regulator with bottle pressure display, a diffuser with built-in bubble counter and non return valve, a CO<sub>2</sub> indicator and a bottle holder.

CO<sub>2</sub>-set professional



71535 4025901116991 **CO<sub>2</sub>-set professional**

The complete solution for CO<sub>2</sub> control  
The **CO<sub>2</sub> set professional** offers a complete system for CO<sub>2</sub> control and delivery in one package. The set comprises a safety certified 350 g steel CO<sub>2</sub> bottle, **regular** - a pressure regulator for precise adjustment of the quantity of gas, a **bubble counter**, a **CO<sub>2</sub>-reactor M**, which diffuses high volumes of CO<sub>2</sub> and is complete with its own pump and a **M-ventil** high quality solenoid valve for automated shut off of the CO<sub>2</sub> supply. In addition there is a **pH computer** for accurate determination of the CO<sub>2</sub> dosing requirement complete with electrode, holder and **test fluids**. Also included is a length of HDPE CO<sub>2</sub> hose and a non return valve.

CO<sub>2</sub>-set complet



71515 4014694715115 **CO<sub>2</sub> complet** with bottle  
71516 4014694715160 **CO<sub>2</sub> complet** without bottle

**CO<sub>2</sub> complet** contains all the equipment required to provide CO<sub>2</sub> fertilization in an aquarium  
The set contains the following: **station** 350 g (c. 0.77 lb.) CO<sub>2</sub> cylinder, **regular** CO<sub>2</sub> pressure regulator, counter CO<sub>2</sub> **bubble counter**, **reactor 500** to allow the CO<sub>2</sub> gas to diffuse into the water efficiently, CO<sub>2</sub> cylinder holder and HDPE CO<sub>2</sub> hose.

CO<sub>2</sub>-set basic 350



71525 4014694715252 **CO<sub>2</sub>-set basic 350**  
71527 4014694715276 **CO<sub>2</sub>-set basic 500**

CO<sub>2</sub> supply for Calciumreactors  
**CO<sub>2</sub>-Set basic** comprises a steel cylinder station with 350 g or 500 g CO<sub>2</sub>, the pressure regulator **regular** and a **bubble counter**. It is the ideal set for equipment such as calciumreactors, or other applications where no **CO<sub>2</sub>-reactor** is needed.

reactor 100



71130 4025901117158 **reactor 100**

A passive **CO<sub>2</sub>-reactor** for aquariums up to 250 litres (c. 62.5 gallons)  
**reactor 100** is operated without an additional pump. The CO<sub>2</sub> is forced through a ceramic diaphragm. This creates tiny bubbles that rise slowly in the water and dissolve on their way up.

reactor 500



71111 4014694710110 **reactor 500**

**reactor 500** introduces CO<sub>2</sub> into the aquarium.  
The **reactor 500** is designed for aquaria up to 500 litres (c. 125 gal.). Required pump power: 500 - 1,000 l/h. (c. 125 - 250 gal.) Ø app. 5 cm (c. 2"), length app. 16 cm (c. 6.4").

reactor 1000



71113 4014694711131 **reactor 1000**

Closed CO<sub>2</sub>-reactor for external use for aquaria up to 2,000 litres (c. 500 gallons)  
**reactor 1000** is a hermetically sealed unit for introducing CO<sub>2</sub> into larger aquariums. The universal mounting plate enables it to be mounted outside the aquarium or inside the cabinet. This powerful unit can supply aquaria up to 2,000 litres (c. 500 gallons) with CO<sub>2</sub>. With 12/16 mm hose tails. Required pump power: 1,500 - 2,000 l/h. (c. 375 - 500 gal.) Total height: app. 37 cm (c. 15"); Ø app. 8 cm (c. 3")

reactor M



71110 4014694711100 **reactor M**

CO<sub>2</sub>-reactor with integrated circulation pump  
**reactor M** is similar to the **reactor 500**, however it is supplied complete with a dedicated circulation pump thus making it independent of any other filters. The pump has a capacity of 300 l/h (c. 75 gph) and a power uptake of 5 watts. Both pump and **reactor** are mounted on a strong mounting plate that can be fixed with suckers into the aquarium. Dimensions: app. 15 x 10 x 21 cm (l x w x h)

Item code	EAN-No.	Item
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**CO<sub>2</sub>**



station

71411	4014694714118	<b>station</b> 350 g with cage
71412	4014694714125	<b>station</b> 500 g with cage
71413	4014694714132	<b>station</b> 2 kg with cage

CO<sub>2</sub> storage bottle

**station** is a steel CO<sub>2</sub> storage bottle with an external shut off valve. It is available in three sizes: 350 g, 500 g and 2 kg (c. 0.77 lb., 1.1 lb. and 4.4 lb.) All the cylinders are supplied with a safety cage and the 2 kg size has a base stand.



regular

71011	4014694712114	<b>regular</b> with 2 pressure gauges
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Pressure regulator for precise control of CO<sub>2</sub> dosing into the aquarium

**regular** is chrome plated and offers: a fixed working pressure of c. 1.5 bar, a needle valve for fine adjustment, two pressure gauges to show both the cylinder and working pressures **regular** fits industry standard CO<sub>2</sub> cylinders having an external valve.



Bubble counter

U630.00	4025901102529	<b>PE-hose 4/6 mm / 1 m</b>
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410.150	4025901106428	<b>Bubble counter</b>
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For monitoring CO<sub>2</sub> dosage

**Bubble counter** is a simple and safe unit for monitoring the dosing rate of CO<sub>2</sub> gas into aquaria. It should be installed in the low pressure side of the gas delivery circuit. An integrated non return valve prevents water flow back and a robust mounting plate enables easy fixing to the outside of the aquarium.



M-ventil Standard

230.30	4025901106589	<b>M-ventil Standard</b> , nickel plated, 1/8", 2.5 watts
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Electronic shut off valve for CO<sub>2</sub>-Standard

**M-ventil Standard** has a high quality nickel plated brass body with a maximum operating pressure of 6 bar, pressure fittings for 6 mm flexible hose and can be connected to all our CO<sub>2</sub> units. The solenoid coil consumes only 2.5 watts of electrical energy to prevent overheating.



M-ventil 1/2"

230.35	4025901108750	<b>M-ventil 1/2"</b> for tap water, brass
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Water shut off valve

**M-ventil 1/2"** for water is intended for automatic control of reverse osmosis units. The brass body has connections for 1/2" BSP male fittings and is recommended only for use with tap water. The power uptake is 6 watts.

Item code	EAN-No.	Item
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**aqua tools**

501.80 4025901112115 **Fish trap**

Trap for catching a particular fish in an aquarium  
**Fish trap** is baited with some food and as soon as the desired fish has entered the trap the closing mechanism is simply released – by hand. The **Fish trap** is constructed in such a way that when it is removed from the aquarium with the fish inside it remains half full of water. This method considerably reduces the stress on the fish.  
 Dimensions (l x w x h): app. 27.5 x 17 x 17 cm



501.81 4025901112788 **Trap-pest**

Universal trap for crabs, snails and bristle worms - for fresh- and saltwater  
**Trap-pest** is an automatic trap for removing undesirable bristle worms, crabs or snails from an aquarium. Bristle worms crawl through a funnel into the trap and cannot find their way out whilst crabs and snails pass through a one way curtain which blocks their return path. The **Trap-pest** is simply baited from the outside.  
 Dimensions (l x w x h): app. 15.5 x 7.5 x 8.5 cm



65930 4025901128826 **aquaspoon**

Spoon scale for measuring of chemicals and other additives for aquaria  
 Max. 300 g, reading accuracy 0,1 (g, oz, gn, ct), with 2 bucket sizes.



66100 4025901131307 **aqua smoothy**

**New**

Superfine micro porous fibre cloths, for smear free cleaning of the outside glass of the aquarium, lint-free. The **aqua smoothy** is very absorbent and can be used either wet or dry, it will safely and gently remove salt encrustation or fatty residues without the use of aggressive cleaning agents. Can also be used on most other smooth surfaces.  
 Contents: 2 x cloths, each approximately 40 x 40 cm  
 Microfiber: 80 % polyester, 20 % polyamide.



67021 4025901132854 **Mega Mag S**

67022 4025901132861 **Mega Mag M**

67023 4025901132878 **Mega Mag L**

**New**

Magnetic glass cleaners for panes between 6 and 18 mm (c. 0.24 and 0.72")  
**Mega Mag** Magnetic glass cleaners are waterproof, corrosion-resistant and suitable for use on fresh and saltwater aquariums, removes debris and algae from the aquarium glass. The floating half of the magnet that is placed within the aquarium can be easily attached to help avoid scratching due to sand and gravel being trapped between the two halves.



Type:	Mega Mag S	Mega Mag M	Mega Mag L
Glass thickness up to	6 mm	12 mm	18 mm
Cleaning surface	app. 62 x 33 mm	app. 98 x 36 mm	app. 85 x 67 mm

67000 4025901113068 **Mega Mag 1**

67001 4025901113075 **Mega Mag 2**

67101 4025901119770 **Spare pads Mega Mag 1 & 2**, 2 pcs.

Magnetic glass cleaners for panes between 10 and 32 mm (c. 0.4" and 1.25")  
**Mega Mag** glass cleaners are completely sealed and corrosion protected and are suitable for use in fresh- and saltwater aquaria. The cleaning pads of the inner magnet and the felt pads of the outer magnet can be easily replaced. **Mega Mag** glass cleaners contain extremely strong magnets and have to be handled with care. Cleaning surface 8 x 11 cm.  
**Mega Mag 1** for glass from 10 – 19 mm (c. 0.4" – 0.75")  
**Mega Mag 2** for glass from 15 – 32 mm (c. 0.6" – 1.25")



67002 4025901113952 **Mega Mag 3**

67103 4025901122954 **Spare pads Mega Mag 3**, 2 pcs.

Magnet glass cleaner for large aquariums  
**Mega Mag 3** is a powerful magnetic cleaner for large aquariums, with panel thicknesses up to 55 mm. As with the smaller models in the **Mega Mag** range, the cleaning pads are easily renewed or a **plexipad** can be fitted for the cleaning of acrylic aquariums. Cleaning surface 10 x 14 cm.



67100 4025901116915 **plexipad Mega Mag 1 & 2**

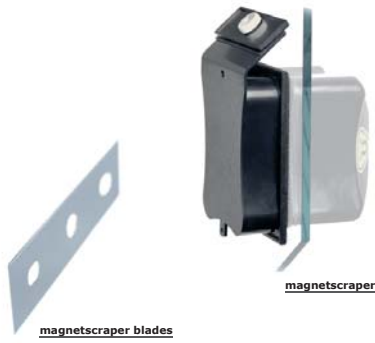
67102 4025901120066 **plexipad Mega Mag 3**

Cleaning pad for **Mega Mag** to protect acrylic  
 When using **Mega Mag** cleaners on acrylic aquariums the existing glass cleaning pad should be replaced with **plexipad**. This material is specially selected for cleaning acrylic and is fixed on the inner magnet to protect the acrylic panels from scratching. **plexipad** can be easily changed when worn.



Item code	EAN-No.	Item
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**aqua tools**



67010 4025901116892 **magnetscraper**

Blade accessory for **Mega Mag magnetscraper** is an accessory for the Mega Mag glass cleaner. It converts the **Mega Mag** from a simple magnet into a bladed cleaner. Now, even the most resistant algae can be removed. The **magnetscraper** simply snaps onto the **Mega Mag 1** or **Mega Mag 2** and secured with a single screw. It can easily be removed if required.

67011 4025901116908 **magnetscraper blades**, package 5 pcs.

Spare blades for **Mega Mag**



66000 4014694660026 **scraper**  
66001 4025901113051 **scraper blades** 5 pcs.

Aquarium glass cleaner  
**scraper** is a multiple use blade cleaner. The 150 mm wide blade makes it easy to remove even the most resistant calcareous algae from the aquarium glass. Extended durability with stainless steel anti-corrosive coating - specially made sharp blade. The removable blade protector also acts as a squeegee for cleaning the outside of the aquarium glass. A unique feature of the **scraper** is the hinge which allows the blade head to be turned through 180°. This facility allows the user to clean the aquarium even when the tank decoration, such as rocks or roots, are very close to the glass.



2 pcs.  
429.01 4025901115871 **filter bag 1**, 22 x 15 cm (c. 8.6" x 5.9")  
429.02 4025901115888 **filter bag 2**, 22 x 30 cm (c. 8.6" x 11.8")  
429.03 4025901115895 **filter bag 3**, 22 x 45 cm (c. 8.6" x 17.7")

Zip up media bag  
**Filter bags** are designed to contain fine filter media, such as activated carbon, **antiphos Fe** or other granular media. The **filter bag** is fitted with a zip fastener for quick and easy replacement of the media.



420.60 4025901106459 **Reef Construct**, 2 x 56 g (2 x c. 2 oz) sticks  
420.61 4025901128642 **Reef Construct**, 1008 g, 18 x 56 g (18 x c. 2 oz) sticks

A two-component resin for safe and easy attachment of stones and corals in the aquarium.  
A two-part epoxy putty to secure rock and hard and soft corals in the aquarium. **Reef Construct** solves many of the problems encountered during the aqua-scaping of fresh- and saltwater aquariums. **Reef Construct** is a fast curing, two-part epoxy putty that can even be used underwater. It adheres to rock, wood, metal, glass, plastic, concrete and most other materials.



420.70 4025901130423 **Coral Construct**

Under water glue  
For safe and easy attachment of coral frags inside and outside the aquarium. Harden quickly in and outside of the water.



68000 4025901120653 **defroster+**

For defrosting of frozen food and enrichment with amino acids and vitamins. For marine and freshwater fish. The frozen food is thawed in the defroster box, protected from light and vitamin saving. With the **defroster+** sieve, it is separated from the nitrate and phosphate enriched thawing water and can be enriched with essential vitamins and amino acids (**aminovit**). Incl. **defroster+** Box with lid and sieve, 40 ml aminovit.



39520 4025901120738 **Coral strap** (5 pcs.)

Secure strap for soft corals and live rock  
Extra wide strap with rounded and thickened edges that do not cut into the tissue of the corals. For vegetative propagation of the soft corals. Saltwater resistant and PVC-free. Re-usable! Length app. 31 cm



68010 4025901124934 **Shot Extension**  
68011 4025901126464 **Shot Injector** (10 pcs.)

Syringe with extension to eradicate aiptasia and glass anemones or other nuisance organisms simply in saltwater aquaria.



230.03 4025901117486 **Coral holder**

The Aqua Medic **Coral holder** is the solution to present invertebrates and clams in shop systems. The holder has a flexible system, adjustable on the dimensions of the animals. With a water-resistant marker, the holder can be signed with name of the species and price.

Item code	EAN-No.	Item
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**Filter accessories**

416.00 4025901100983 **PVC-quadratic pipe** 15 x 15 cm transp./price per metre

This pipe can be used for the construction of filter components, including trickle filters, denitrifying reactors, calciumreactors, etc.

415.00 4025901100945 **Trickle plate** 15 x 15 cm

**Trickle plate**, 15 x 15 cm (c. 6" x 6"). Can be mounted on the rectangular pipe, to evenly distribute the water.

415.10 4025901100952 **Trickle plate** 30 x 30 cm

415.20 4025901100969 **Lid for trickle plate** 15 x 15 cm

**Top lid for trickle plate**, 15 x 15 cm (c. 6" x 6"). With a connection for 20 mm Ø pipe.

415.25 4025901100976 **Bottom plate** 15 x 15 cm

Base for rectangular pipe, 15 x 15 cm (c. 6" x 6"). Can be glued to the bottom of the rectangular pipe.

415.30 4025901101881 **Grid for quadratic pipe** 15 x 15 cm

Grate 15 x 15 cm (c. 6" x 6"). Grate for rectangular pipe, useful for holding filter material in place.

418.00 4025901108767 **Overflow comb with holder** 32 cm

**Overflow comb**, for the construction of aquarium overflows. The water flows evenly and fish, plant matter and coarse detritus are prevented from entering the overflow chamber. The **holder** is glued on the overflow chamber and the **overflow comb** is pressed securely into the holder, whilst leaving it easy to remove for cleaning and maintenance. Length: app. 32 cm, (c. 12.8")

415.31 4025901102864 **Round grate 40** mm black  
 415.41 4025901113792 **Round grate 40** mm transparent  
 415.32 4025901102987 **Round grate 50** mm black  
 415.42 4025901113808 **Round grate 50** mm transparent  
 415.33 4025901100624 **Round grate 63** mm black  
 415.43 4025901113815 **Round grate 63** mm transparent

Ideal for preventing larger detritus flowing through they are manufactured in three sizes. Ø 40 mm, 50 mm and 63 mm (c. 1.6", 2" and 2.5")

417.25 4025901119893 **Tank union D 25**  
 417.32 4025901119909 **Tank union D 32**  
 417.40 4025901119916 **Tank union D 40**

**Tank union** from ABS for the connection of aquariums to PVC hard pipes.

416.125 4025901130416 **Adapter union AM 25** mm  
 416.132 4025901125054 **Adapter union AM 32** mm  
 416.140 4025901125061 **Adapter union AM 40** mm

For pipe 25/32, 32/40 mm and 40/50 mm.

410.44-1 4025901129861 **Saddle with thread 32 x 1/4"**

Adhesive bridge with external thread 32 x 1/4", for sticking to a 32 mm PVC pipe to produce a 1/4" branch.

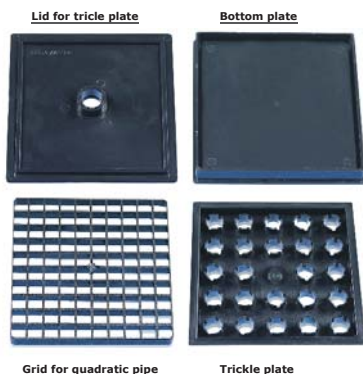
410.48 4025901133578 **Reduction AM 3/4" - 1/4"**  
 410.49 4025901133585 **Reduction AM 3/4" - 1/8"**

**New**

Reduction (POM) with 3/4" inner thread (suitable for many water taps) and 1/4" resp. 3/8" inner thread (suitable for many commercial fittings).

418.10 4025901120059 **aqua divider** 4 pcs.

With **aqua divider** it is possible to mount a glass sheet into an aquarium or terrarium without using any glue. The groove is holding a 4 mm glass sheet. The fastening is done by the rubber suckers. With **aqua divider** you can separate animals inside of the aquarium.



Item code	EAN-No.	Item
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**Filter accessories**



Outlet strainer

418.20	4025901107180	<b>Outlet strainer 20 mm</b>
418.25	4025901107197	<b>Outlet strainer 25 mm</b>
418.32	4025901107203	<b>Outlet strainer 32 mm</b>
418.40	4025901107210	<b>Outlet strainer 40 mm</b>
418.50	4025901107227	<b>Outlet strainer 50 mm</b>
418.63	4025901107234	<b>Outlet strainer 63 mm</b>

**Outlet strainers** are manufactured out of ABS pipe and have slits to prevent coarse detritus passing through. Available in the following diameter pipe sizes: 20 mm, 25 mm, 32 mm, 40 mm, 50 mm, 63 mm.



Reducing T-piece

410.41	4025901106510	<b>Reducing T-piece 9/12 - 4/6</b>
410.40	4025901101973	<b>Reducing T-piece 12/16 - 4/6</b>
410.42	4025901106527	<b>Reducing T-piece 16/22 - 4/6</b>

**Reducing T-pieces** are used for the connection of bypass filters like the **Nitratereducator** and the **Calciumreactor**.



Regulation valve FBS

410.44	4025901125320	<b>Regulation valve FBS</b>
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High quality **regulation valve** for hose inlet diameter in 4/6 mm and 6/8 mm - outlet diameter 4/6 mm. Connection fittings can be changed. Durable materials ensure low wear for constant adjustment. The **regulation valve** can be used for air and for water (e. g. **Nitratereducator** and **Calciumreactor**).



Regulation valve 4/6

410.47	4025901128635	<b>Regulation valve 4/6 mm 2 pcs.</b>
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Flow control valve for flexible tube with a diameter of 4/6 mm. The valve can be used for air or water.



Non-return valve

410.43	4025901127911	<b>Non-return valve 4/6 mm 2 pcs.</b>
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Check valve for a tube of 6 mm. Suitable for gas and water. In an attractive blister pack.

Item code	EAN-No.	Item
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**Fish Box**

- 402.11    4025901117028    **Fish Box small** without handle PC  
app. 12 x 16.5 x 17.5 cm
- 402.12    4025901117035    **Fish Box large** without handle handle PC  
app. 35 x 27 x 39 cm

Plastic Tanks from Polycarbonate for fish transport & professional fish holding units  
Tanks do have inbuilt inlet and outlet ports and can easily be combined to form large holding systems. Every box can be removed from circulation. The **Fish Box** can also be used for transportation of single fishes. In laboratories it can be used for breeding and holding laboratory fish such as zebra fish (Danio rerio). The boxes can be autoclaved at 120° C.



**Fish Box small**



**Fish Box large**







**AQUA MEDIC**

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