

2017

CATALOGUE

JBL

AQUARIUM



LANGUAGE



**VORSPRUNG
DURCH FORSCHUNG**
AHEAD THROUGH RESEARCH





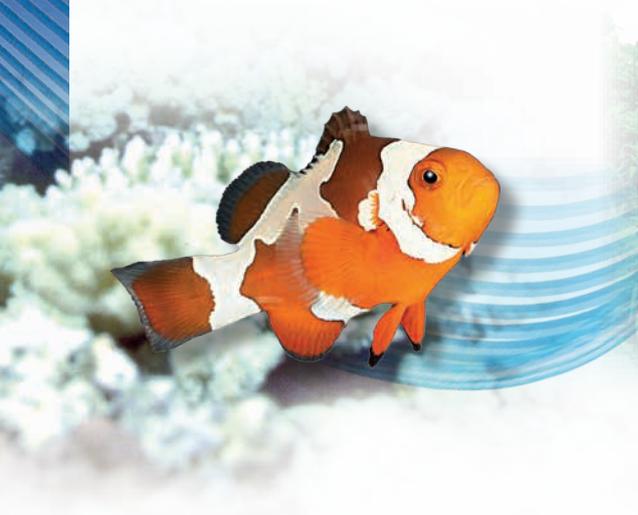
Dear Friends of JBL,

I have an aquarium in my office too. It's not only so that I can enjoy looking at fish, shrimps and plants but also for my own personal product tests. This isn't because I don't trust our research and development department, but it is always immensely satisfying to see my aquarium dwellers gobbling up a new or improved food or watching the water values getting better and better.

And I hope to maintain my enthusiasm for hobby aquatics and the quality of our products since this is a part of the motor which drives us all to advance the field of hobby aquatics - and it is really great fun!

Cordially,

Roland Böhme



The world of JBL

Quality, Innovation, Reliability, Training,
Sales Promotion, Partnership, Exhibitions

JBL doesn't just see itself as a reliable supplier but also as a partner of the specialist trade, of aquarists and of terrarium enthusiasts!

The promise of quality with its accompanying guarantee of satisfaction is at the very top of our corporate philosophy and is pursued actively. The strength of JBL's innovation is clearly shown in this catalogue - more new items are hardly possible! And, to keep our contact to the pet trade and to aquarium and terrarium enthusiasts as active as ever, our regional key account managers are there ready to support you.

We are also committed to attending numerous exhibitions and offer many training seminars. This is our understanding of partnership!



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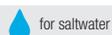
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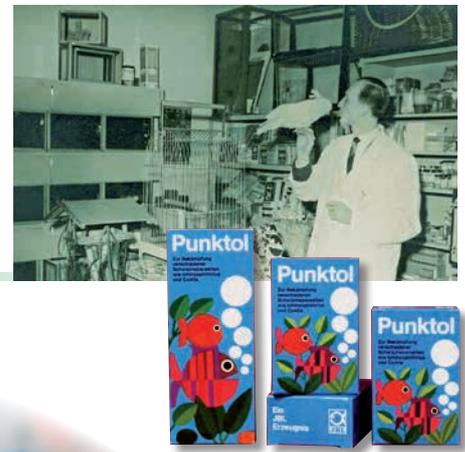
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Symbols:



The JBL success story

From a 30 m² pet shop to a worldwide aquarium product specialist



It all began in Ludwigshafen in 1960 with a small pet shop, just 30 m² in size, which Joachim Böhme, a trained chemist from Dresden, opened and so made his hobby his job. His love of animals, his white lab coat as his working clothes, and his friendly manner as well as his specialist knowledge all contributed to his success.

His business grew and the pet shop evolved into a wholesale ornamental fish business. As fish diseases became a problem, Joachim Böhme put his studies to good use and developed a highly effective remedy against ectoparasites, which he named Punktol.

Up to the present day, JBL, under the leadership of Roland Böhme, the son of the founder, has expanded its range to over 1000 products for the aquarium, terrarium and garden pond and has established a position as a leading producer in this field, exporting to 65 countries around the world.

Using the latest production and filling plant, all JBL products are manufactured and dispatched in Neuhofen. The company site covers over 12,000 m² and includes not only the Production plant and the 6,500 m² Logistics Center completed in 2008, but also the Research Center. Here many fully stocked aquariums and terrariums operate on a permanent basis in order to test all the products under realistic conditions. In order to take the in-house tests to an even more stringent level, JBL cooperates with leading scientific institutions throughout Europe, such as the Leibnitz Institute for Marine Science in Kiel (IFM Geomar), the Department of Measurement and Laser Technology at the University of Ulm and the Haus des Meeres in Vienna.



In addition to the usual experiments and tests in the laboratory, JBL biologists have for many years now gained their insight into the habitats and life of the animals directly from nature in the course of JBL research expeditions and workshops. The protection of wildlife and environmental awareness are key factors for JBL. By means of a photovoltaic system installed on the roofs of the company buildings, JBL is able to generate sufficient electricity itself to meet the entire requirements of production. For many years JBL has been a supporter of the SHARK PROJECT, the largest international protection organization for sharks, as sharks are threatened with imminent extinction at the hands of man.



Aquarium enthusiasts know that they can depend on the quality of JBL products and appreciate the new innovations which JBL regularly launches on the market.

Dr. Rainer Keppler, Director of Development at JBL states, "The best ideas don't originate from us! It's the pond enthusiasts, aquarium fans and sales staff who phone us and tell us their ideas. We then apply our knowhow to convert these often amazing ideas into products at acceptable prices."

JBL fish food – top class!

Fish breeders, scientists and show aquariums in many countries of the world place their trust in JBL quality.

Specially selected raw materials: Instead of cheap fishmeal with a large proportion of fish scraps containing a high level of phosphates from fish bone, JBL uses pure fish protein without scraps and cheap fishmeal. Only then is a carefully measured amount of fish bone meal added to the protein as a source of minerals to keep the phosphate levels low and precisely balanced.

Protects fish stocks: Not one single fish has to be caught to produce JBL fish food! We use only the parts of the fish which are left over in the production of fish fillets, according to the motto: the big fillet for the humans and the little fillet for our aquarium fish! This avoids high-phosphate fishmeal whilst at the same time using high quality pure fish protein. Incidentally, the fish processing takes place in the North of France. JBL objects to processing whole fish from fish stocks which are under threat.

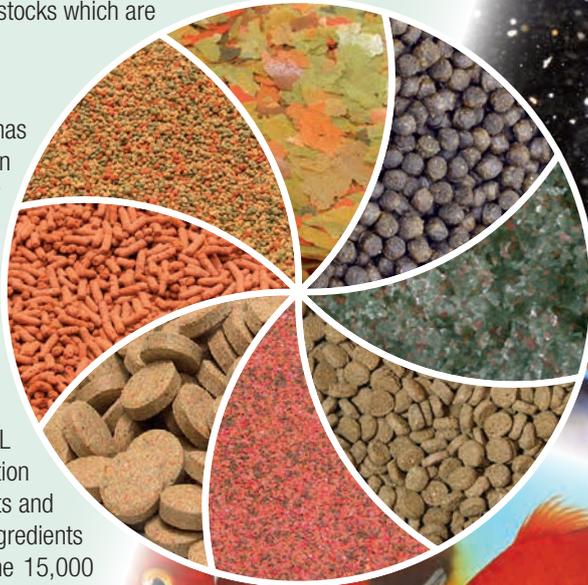
Wide variety of ingredients: Whoever has 54 different frozen or live types of food in their fridge? JBL NovoBel staple food, for example, contains 7 flakes with a total of 54 different natural raw ingredients. Fish are familiar with this variety in the wild and should not receive any less in the aquarium!

Modern and gentle production: JBL has invested millions in the latest production facilities so that the flakes, granules, tablets and sticks do not lose any of their valuable ingredients during the production processes! From the 15,000 kg flake drum, the flakes are collected and sealed in air-tight containers immediately after production. This guarantees that the vitamins stay where they are needed.

High quality packing and sealing: Have you ever tried to tear up a JBL foil seal which closes our food cans? Then you will know that it is practically impossible! Here too, JBL invests in top materials so that the high food quality in closed cans is guaranteed over a long period of time. And the cans themselves are made of top quality plastic, protecting the food from light and air.

Research in the laboratory and in nature: The best “guinea pigs” are fish in the wild! Therefore JBL includes the results of feeding trials with food prototypes carried out on research expeditions in the development of products. The result is a high acceptance of JBL food.

Don't settle for less!



feeding > Novo Range > For all species / flakes



JBL NovoBel

Main food flakes for all aquarium fish

- Complete nutrition and optimal growth of tropical freshwater fish: 50 natural raw nutrients in 7 food flakes
- Better digestibility leads to reduced algae growth and better water quality
- No water clouding: reduced algae growth thanks to balanced phosphate content and better digestibility
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 100 ml provide food for a 60 l aquarium for 20 days

Art. no.	Content	Weight
30120	100 ml	18 g
30130	250 ml	45 g
30140	1000 ml	190 g
30154	5500 ml	950 g
30159	10,5 l	1995 g



JBL NovoBel Refill Pack

Main food flakes for all aquarium fish

- Complete nutrition and optimal growth of tropical freshwater fish: 50 natural raw nutrients in 7 food flakes
- Various flake sizes for all fish species from 3 to 20 cm in medium and upper water layer
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 100 ml provide food for a 60 l aquarium for 20 days

Art. no.	Content	Weight
30141	750 ml	135 g



JBL Nano-Bel

Main food for small aquarium fish

- Complete nutrition and ideal growth for small tropical freshwater fish: over 50 ingredients in 7 flakes
- Mini flake size ensures ideal feeding conditions for small fish of 1 - 4 cm, in all water layers
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening = 60 ml provide food for a 60 l aquarium for 3 months

Art. no.	Content	Weight
23171	60 ml	16 g



JBL NovoGrand

Main food for large aquarium fish

- Complete nutrition and ideal growth for tropical freshwater fish: 50 natural raw nutrients in 7 food flakes
- Variety of flake sizes for all fish species from 10 to 25 cm in medium and upper water layer
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 100 ml provide food for a 60 l aquarium for 20 days

Art. no.	Content	Weight
30180	1000 ml	160 g



JBL NovoColor

Main food for colourful aquarium fish

- Complete nutrition and ideal growth for tropical freshwater fish: 50 natural raw nutrients in 7 food flakes
- Different flake sizes for all fish species of 3 to 20 cm in medium and upper water layers
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 100 ml provide food for a 60 l aquarium for 20 days

Art. no.	Content	Weight
30156	100 ml	18 g
30157	250 ml	45 g



feeding > Novo Range > For all species / granulate



JBL NovoGranoMix mini CLICK

Main food for small aquarium fish

- Complete nutrition and optimal growth of tropical freshwater fish
- Ideal feeding conditions for small fish species of 3 to 10 cm in size in all water layers
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 1 click feeds 5 fish

Art. no.	Content	Weight
30100	100 ml	42 g



JBL NovoGranoMix mini

Main food for small and medium-sized aquarium fish

- Complete nutrition and optimal growth of tropical freshwater fish
- Ideal feeding conditions for small and medium-sized fish species of 3 to 10 cm in all water layers
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening

Art. no.	Content	Weight
30099	100 ml	42 g
30111	5500 ml	2400 g





JBL Nano-Mix

Main food for small aquarium fish

- Complete nutrition and optimal growth of tropical freshwater fish: 50 natural ingredients in 4 granulates
- The granulate floats and sinks and thus creates ideal feeding conditions for fish species of 1 - 4 cm in all water layers
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening = 60 ml provide food for a 60 l aquarium for 3 months

Art. no.
23174

Content
60 ml

Weight
32 g



JBL NovoGranoColor mini CLICK
Main food for colourful small aquarium fish

- Complete nutrition, ideal growth and vibrant colouring for tropical freshwater fish
- Ideal feeding conditions for small fish species from 3 to 10 cm in all water layers
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 1 click feeds 5 fish

Art. no.
30098

Content
100 ml

Weight
43 g



JBL NovoGranoColor mini
Main food for brightly-coloured small aquarium fish

- Complete nutrition, ideal growth and vibrant colours for small, tropical freshwater fish
- Ideal feeding conditions for small fish species from 3 to 10 cm in all water layers
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening

Art. no.
30097

Content
100 ml

Weight
43 g



JBL NovoGranoMix CLICK
Main food for medium-sized and large aquarium fish

- Complete nutrition and optimal growth of tropical freshwater fish
- Ideal feeding conditions for medium-sized and large fish species of 6 to 15 cm in all water layers
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 1 click feeds 5 fish

Art. no.
30101

Content
250 ml

Weight
115 g



JBL NovoGranoMix
Main food for medium-sized and large aquarium fish

- Complete nutrition and optimal growth of tropical freshwater fish
- Ideal feeding conditions for medium-sized and large fish species from 6 to 15 cm in all water layers
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening

Art. no.
30102

Content
250 ml

Weight
110 g



JBL NovoGranoColor CLICK
Main food for colourful aquarium fish

- Complete nutrition, ideal growth and vibrant colouring for tropical freshwater fish
- Ideal feeding conditions for medium-sized and large fish species from 6 to 15cm in all water layers
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 1 click feeds 5 fish

Art. no.
30104

Content
250 ml

Weight
107 g



JBL NovoGranoColor
Main food for colourful aquarium fish

- Complete nutrition, ideal growth and vibrant colouring of tropical freshwater fish
- Ideal feeding conditions for medium-sized and large fish species from 6 to 15 cm in all water layers
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening

Art. no.
30105

Content
250 ml

Weight
120 g



feeding > Novo Range > For all species / granulate

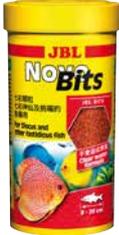


JBL NovoBits CLICK
Premium food for demanding aquarium fish

- Complete nutrition, ideal growth and vibrant colours for all discus fish
- Species-specific feed intake thanks to semi-buoyant granulate
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening

Art. no.	Content	Weight
30313	250 ml	100 g

NOTE!
 This product is only available with English/Chinese label.



JBL NovoBits
Premium food for demanding aquarium fish

- Complete nutrition, ideal growth and vibrant colours for all discus fish
- Species-specific feed intake thanks to semi-buoyant granulate
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening

Art. no.	Content	Weight
30314	250 ml	100 g
30315	1000 ml	450 g
30318	10,5 l	4620 g

NOTE!
 This product is only available with English/Chinese or English/Korean label.



feeding > Novo Range > For all types / freeze dried



JBL NovoFil
Red blood worms for fastidious aquarium fish

- Alternative to live and frozen food: supplementary diet for tropical freshwater fish and turtles
- Nutritious and easy to digest: ideal feeding conditions for fish species from 5 to 20 cm in all water layers
- Better digestibility leads to reduced algae growth and better water quality
- Vacuum freeze-drying ensures that important nutrients are retained in the dried feeder animals
- Can be stored for 3 years unopened, use within 4 months after opening

Art. no.	Content	Weight
30260	100 ml	8 g
30270	250 ml	20 g



JBL NovoFex
Tubifex cubes, treats for aquarium fish

- Alternative to live and frozen food: treats for tropical freshwater fish and turtles
- Ideal feeding conditions for turtles and fish species from 5 to 20 cm in all water layers
- Better digestibility leads to reduced algae growth and better water quality
- Gentle vacuum freeze-drying to retain the valuable nutrients
- Can be stored for 3 years unopened, use within 4 months after opening

Art. no.	Content	Weight
30620	100 ml	10 g
30630	250 ml	30 g



JBL NovoDaph
Water fleas, treats for aquarium fish

- Alternative to living and frozen food: treats for tropical freshwater fish and turtles
- Ideal feeding conditions for fish species 3 - 15 cm in all water layers with lots of fibres
- Better digestibility leads to reduced algae growth and better water quality
- Gentle vacuum freeze-drying to retain the valuable nutrients
- Can be stored for 3 years unopened, use within 4 months after opening.

Art. no.	Content	Weight
30700	100 ml	9 g



JBL NovoArtemio
Artemia supplement diet for all aquarium fish

- Alternative to live and frozen food: supplementary diet for tropical freshwater and marine fish
- Ideal feeding conditions for fish species from 3 to 20 cm in all water layers
- Better digestibility leads to reduced algae growth and better water quality
- Vacuum freeze-drying ensures that important nutrients remain in the dried feeder animals
- Can be stored for 3 years unopened, use within 4 months after opening. 100 ml supply a 60 l aquarium for 20 days

Art. no.	Content	Weight
30263	100 ml	6 g
30264	250 ml	18 g





JBL NovoTab

Main food tablets for all aquarium fish

- Complete nutrition and ideal growth for all freshwater fish. Also ideal for bottom dwellers like armored catfish
- Ideal feeding conditions for fish species from 3 to 20 cm in all water layers
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 100 ml provide food for a 60 l aquarium for 20 days

Art. no.	Content	Weight
30230	100 ml	60 g
30240	250 ml	160 g
30245	1000 ml	640 g
30201	10,5 l	5880 g



JBL Nano-Tabs

Main food for shrimp and dwarf crayfish

- Complete nutrition and optimal growth of shrimps and dwarf crayfish
- Ideal feeding conditions thanks to sinking tablets. Problem-free shedding and healthy growth thanks to high-quality ingredients
- Crustaceans with claws and shrimps grip the firm tablets with their claws
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening = 60 ml provide food for a 60 l aquarium for 3 months

Art. no.	Content	Weight
23177	60 ml	36 g



JBL NovoFect

Food tablets for plant eating aquarium fish

- Complete nutrition and ideal growth for plant eating freshwater fish and shrimps
- Ideal feeding conditions for shrimps and fish species from 3 to 20 cm in all water layers
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 100 ml provide food for a 60 l aquarium for 20 days

Art. no.	Content	Weight
30247	100 ml	58 g
30248	250 ml	160 g
30249	1000 ml	640 g
30261	10,5 l	5880 g



JBL NovoPleco

Main food for small and medium-sized plecos

- Complete nutrition and ideal growth for small to medium-sized plecos: with spirulina, vegetable matter and wheat germ
- Ideal feeding conditions for fish species of 5 to 20 cm in the lower water layer
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 100 ml provide food for a 60 l aquarium for 20 days

Art. no.	Content	Weight
30310	100 ml	53 g
30311	250 ml	133 g
30312	1000 ml	530 g
30309	5500 ml	2900 g



JBL NovoPleco XL

Main food for large plecos

- Complete nutrition and optimal growth for large plecos: with spirulina, vegetable matter and wheat germ
- Ideal feeding conditions for fish species from 12 to 50 cm in the lower water layer
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 100 ml provide food for a 60 l aquarium for 20 days

Art. no.	Content	Weight
30341	250 ml	125 g
30342	1000 ml	500 g
30343	5500 ml	2750 g



Orinoco JBL Expedition Venezuela



JBL NovoGranoVert mini CLICK
Main food for plant-eating aquarium fish

- Complete nutrition and ideal growth for tropical freshwater fish and shrimps
- Complete nutrition and ideal growth for tropical freshwater fish and shrimps
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 100 ml provide food for a 60 l aquarium for 20 days

Art. no. 30096	Content 100 ml	Weight 40 g
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JBL NovoGranoVert mini
Granular main food for plant-eating fish

- Complete nutrition and ideal growth for tropical freshwater fish and shrimps
- Ideal feeding conditions for small fish species from 3 to 10 cm in all water layers
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 100 ml provide food for a 60 l aquarium for 20 days

Art. no. 30095	Content 100 ml	Weight 40 g
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JBL NovoVert
Main food for plant-eating aquarium fish

- Complete nutrition and ideal growth for plant-eating freshwater fish and shrimps, with spirulina flakes
- Ideal feeding conditions for all fish species from 3 to 20 cm in middle and upper water layers
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 100 ml provide food for a 60 l aquarium for 20 days

Art. no. 30190	Content 100 ml	Weight 16 g
30195	250 ml	40 g



JBL NovoGuppy
Main food for livebearers, e.g. guppies

- Complete nutrition, ideal growth and vibrant colours for live-bearing aquarium fish
- Ideal feeding conditions for all livebearers of 3 to 10 cm in medium and upper water layers
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 100 ml provide food for a 60 l aquarium for 20 days

Art. no. 30175	Content 100 ml	Weight 21 g
30176	250 ml	58 g





JBL NovoStick M

Main food sticks for carnivorous cichlids

- Complete nutrition and ideal growth for carnivorous cichlids
- Ideal feeding conditions for fish species from 10 to 25 cm in middle and upper water layers
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 100 ml provide food for a 60 l aquarium for 20 days

Art. no.	Content	Weight
30289	250 ml	110 g
30290	1000 ml	440 g
30291	5500 ml	2530 g



JBL NovoStick XL

Main food for large carnivorous cichlids

- Complete nutrition and ideal growth for large carnivorous cichlids
- Ideal feeding conditions for fish species from 15 to 35 cm in middle and upper water layers
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 100 ml provide food for a 60 l aquarium for 20 days

Art. no.	Content	Weight
30281	1000 ml	400 g
30282	5500 ml	2200 g



JBL NovoTanganjika

Main food for predatory cichlids

- Complete nutrition, ideal growth and vibrant colour for predatory cichlids from Lake Tanganyika and Lake Malawi
- Ideal feeding conditions for fish species from 5 to 20 cm in upper and middle water layers
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 100 ml provide food for a 60 l aquarium for 20 days

Art. no.	Content	Weight
30020	250 ml	45 g
30021	1000 ml	190 g
30022	5500 ml	950 g



JBL NovoMalawi

Main food for algae-eating cichlids

- Complete nutrition and ideal growth for algae-eating Lake Malawi and Lake Tanganyika cichlids
- Ideal feeding conditions for fish species of 5 to 20 cm in the upper and medium water layer
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 100 ml provide food for a 60 l aquarium for 20 days

Art. no.	Content	Weight
30010	250 ml	40 g
30011	1000 ml	156 g
30012	5500 ml	860 g



JBL NovoRift

Main food sticks for grazing cichlids

- Complete nutrition and ideal growth for grazing cichlids from Lake Malawi and Lake Tanganyika
- Ideal feeding conditions for fish species 10 - 25 cm in all water layers
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 100 ml provide food for a 60 l aquarium for 20 days

Art. no.	Content	Weight
30293	250 ml	133 g
30295	1000 ml	530 g
30296	5500 ml	2750 g



JBL NovoFlower mini

Complete food for Flowerhorn Cichlids up to 12 cm

- Perfect nutrition for small to medium-sized Flowerhorn cichlids up to 12 cm length.
- Outstanding colouring due to high astaxanthin content
- Multivitamin mix creates resistance to diseases
- Balanced content of proteins and fats ensure healthy growth and the formation of the typical forehead hump
- In light-proof and air-tight sealed packaging. Can be stored for 3 years unopened, use within 4 months after opening.

Art. no.	Content	Weight
30317	250 ml	110 g

NOTE!
This product is only available with English/Chinese label.



JBL NovoFlower maxi

Complete food for Flowerhorn cichlids from 12 cm upwards

- Perfect nutrition for medium-sized to large Flowerhorn cichlids from 12 cm length upwards.
- Outstanding colouring due to high astaxanthin content
- Multivitamin mix creates resistance to diseases
- Balanced content of proteins and fats ensure healthy growth and the formation of the typical forehead hump
- In light-proof and air-tight sealed packaging. Can be stored for 3 years unopened, use within 4 months after opening.

Art. no.	Content	Weight
30320	1000 ml	440 g

NOTE!
This product is only available with English/Chinese or English/Korean label.





JBL NovoRed

Main flake food for goldfish

- Complete nutrition and ideal growth for goldfish: high content of unsaturated fatty acids from wheat germ
- Ideal feeding conditions for fish species of 5 to 20 cm in the medium and upper water layer
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 100 ml provide food for a 60 l aquarium for 20 days

Art. no.	Content	Weight
30199	100 ml	16 g
30200	250 ml	45 g
30220	1000 ml	190 g



JBL NovoRed Refill

Complete food for goldfish

- Complete nutrition and ideal growth for goldfish: high content of unsaturated fatty acids through wheat germ
- Ideal nutrition for goldfish from 5 - 20 cm
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 100 ml supply a 60 l aquarium for 20 days

Art. no.	Content	Weight
30221	750 ml	130 g

NOTE!
This product is only available with French/Dutch label.



JBL NovoPearl CLICK

Main food pearls for goldfish

- Complete nutrition and optimal growth for goldfish
- Ideal feeding conditions for fish species min. 8 cm in size
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 1 click feeds 5 fish

Art. no.	Content	Weight
30303	100 ml	37 g



JBL NovoPearl

Main food pearls for goldfish

- Complete nutrition and ideal growth for goldfish
- Ideal feeding conditions for fish species min. 8 cm in size
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 1 click feeds 5 fish

Art. no.	Content	Weight
30299	100 ml	37 g
30300	250 ml	93 g



JBL Holiday Red

Complete holiday food for goldfish

- Convenient feeding of goldfish during your holidays for 4 to 6 days. Holiday food for goldfish.
- Ideal feeding conditions for 1 – 3 goldfish. The block dissolves when the fish feed
- No water clouding, water is improved by dissolving minerals
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- 1 food block feeds 1 - 3 goldfish for 4 - 6 days.

Art. no.	Weight
40321	17 g





JBL NovoCrabs

Main food wafers for crabs

- Complete nutrition and optimal growth of invertebrates: with high cellulose content
- Ideal feeding conditions for crayfish and crabs from 5 to 20 cm in size
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 100 ml provide food for a 60 l aquarium for 20 days

Art. no.
30273
30272

Content
100 ml
250 ml

Weight
49 g
123 g



JBL Nano-Crabs

Main food for dwarf crayfish

- Complete nutrition and ideal growth of invertebrates: with high cellulose content
- Sinking food wafers create ideal feeding conditions for crayfish and crabs from 5 to 20 cm in size
- Wafers do not immediately disintegrate in water. High cellulose content to build up the shell for trouble-free shedding
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening = 60

Art. no.
23180

Content
60 ml

Weight
32 g



JBL NovoPrawn CLICK

Granular main food for shrimps

- Complete nutrition, ideal growth and vibrant colours for invertebrates: with nettle and spirulina
- Granulate floats and sinks and thus creates ideal feeding conditions for shrimps 2 - 10 cm in size
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 100 ml provide food for a 60 l aquarium for 20 days

Art. no.
30274

Content
100 ml

Weight
58 g



JBL NovoPrawn
Complete food for shrimps

- Complete nutrition, ideal growth and vibrant colouring for invertebrates
- Granulate floats and sinks and thus creates ideal feeding conditions for shrimps 2 - 10 cm in size
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 100 ml provide food for a 60 l aquarium for 20 days

Art. no.
30276
30277

Content
100 ml
250 ml

Weight
58 g
145 g



JBL Nano-Prawn

Main food for shrimps in small aquariums

- Complete nutrition, ideal growth and vibrant colouring for invertebrates: with spirulina algae and nettle
- Ideal feeding conditions thanks to floating and sinking granulates for shrimps from 2 to 10 cm in size
- No water clouding and water-stable: water-stable food pearls
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening = 60 ml provide food for a 60 l aquarium for 3 months

Art. no.
23183

Content
60 ml

Weight
35 g



Atherton Tablelands JBL Expedition Australia



JBL NovoDragon Shrimp
Complete food sticks for arowanas (bonytongues)

- Complete nutrition for arowanas from 15 cm in size
- 8 % shrimps for excellent colours
- Floating food sticks developed in accordance with clear water formula
- Worm-shaped stick for better acceptance
- In licht- und luftdichter, versiegelter Verpackung geschlossen 3 Jahre, nach Öffnen 4 Mon. haltbar

Art. no.
30283

Content
 1000 ml

Weight
 440 g

NOTE!
 This product is only available with English/Chinese label.



JBL NovoBetta
Complete food for labyrinth fish, e.g. fighting fish

- Complete nutrition, ideal growth and vibrant colouring of fighting fish
- Granulate floats and sinks, creating ideal feeding conditions for fighting fish 2 - 10 cm in size
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 100 ml provide food for a 60 l aquarium for 20 days

Art. no.
30171

Content
 100 ml

Weight
 25 g



JBL Nano-Betta
Main food for fighting fish

- Complete nutrition and ideal growth for fighting fish: selected raw ingredients promote vibrant colours
- Ideal feeding conditions for fighting fish of 3 to 10 cm. Promotes spawning in females and strengthens the immune system
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening = 60 ml provide food for a 60 l aquarium for 3 months

Art. no.
23173

Content
 60 ml

Weight
 15 g



JBL NovoLotl
Main food for small Axolotl

- Complete nutrition and ideal growth for small to medium-sized Axolotl: with proteins and fats from water animals
- Ideal feeding conditions for many amphibians of 10 to 25 cm in size
- Better digestibility leads to reduced algae growth and better water quality
- Axolotl find their food by their sense of smell. NovoLotl has a scent the animals like
- Can be stored for 3 years unopened, use within 4 months after opening. 100 ml provide food for a 60 l aquarium for 20 days

Art. no.
30353

Content
 250 ml

Weight
 150 g



JBL NovoLotl XL
Main food for large Axolotl

- Complete nutrition and ideal growth for small Axolotl: with proteins and fats from water animals
- Ideal feeding conditions for many amphibians min. 18 cm in size
- Better digestibility leads to reduced algae growth and better water quality
- Axolotl find their food by their sense of smell. NovoLotl has a scent the animals like
- Can be stored for 3 years unopened, use within 4 months after opening. 100 ml provide food for a 60 l aquarium for 20 days

Art. no.
30358

Content
 250 ml

Weight
 150 g





JBL Holiday

Weekend complete food for aquarium fish

- Convenient feeding of aquarium fish during your holidays for about 2 weeks. For tropical freshwater fish.
- Ideal feeding conditions for fish up to 25 cm. The block dissolves when the fish feed
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- 1 food block feeds about 25 ornamental fish for max. 2 weeks.

Art. no. **40310**
Weight 43 g



JBL Holiday Red

Complete holiday food for goldfish

- Convenient feeding of goldfish during your holidays for 4 to 6 days. Holiday food for goldfish.
- Ideal feeding conditions for 1 – 3 goldfish. The block dissolves when the fish feed
- No water clouding, water is improved by dissolving minerals
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- 1 food block feeds 1 - 3 goldfish for 4 - 6 days.

Art. no. **40321**
Weight 17 g



JBL Weekend

Weekend complete food for all aquarium fish

- Convenient feeding of aquarium fish for 3 days. Weekend fish food for tropical freshwater fish.
- Ideal feeding conditions for medium-sized ornamental fish up to 15 cm. The block dissolves when the fish feed
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- 1 food block feeds 15 fish for 3 days.

Art. no. **40320**
Weight 20 g

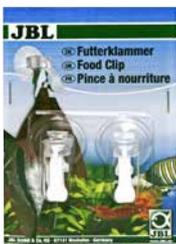


JBL NovoStation

Floating feeding ring with water level adaption

- The ideal feeding place for all aquarium fish: feeding ring with suction cup and flexible attachment
- Precise feeding: no food floating around, perfect positioning even with a changing water level
- Precise feeding: no food floating around, perfect positioning even with a changing water level
- Easy to observe the fish: they congregate at the feeding place
- Contents: 1 feeding ring with level adaption, NovoStation. Size 9 x 9 cm

Art. no. **61369**
Size 90x90 mm



JBL Food Clip

Universal clip for food and salad leaves

- Ideal for green food such as salad leaves: universal clip with suction holder and flexible clip
- Press suction holder against the inside of the pane and insert food (e.g. lettuce leaf) to clamp
- Flexible clip: rotates in all directions, no drifting away of food, fish can be viewed while they are feeding
- Suitable for freshwater, saltwater and terrarium tanks
- Package contents: 1 universal clip with suction holder, food clip

Art. no. **63163**



JBL AutoFood BLACK

Automatic feeder for aquarium fish

- Practical automatic feeder: automatic feeding of aquarium fish – For all granulates up to 3 mm
- Easy setting: up to 4 feeds per day
- On/Off switch for manual operation, easy adjustment of feeding times and quantity
- Air connection to keep the food dry
- Universal mounting with suction cups or mounting clamps (can rotate 360° on the mount).

Art. no. **60615**
Colour black



JBL AutoFood WHITE

Automatic feeder for aquarium fish

- Practical automatic feeder: automatic feeding of aquarium fish – For all granulates up to 3 mm
- Easy setting: up to 4 feeds per day
- On/Off switch for manual operation, easy adjustment of feeding times and quantity
- Air connection to keep the food dry
- Universal mounting with suction cups or mounting clamps (can rotate 360° on the mount).

Art. no. **60616**
Colour white





JBL NovoBea

Complete food for small aquarium fish and fry

- Complete nutrition, ideal growth of young fish: 52 natural raw nutrients in 7 food flakes
- Ideal diet for small aquarium fish and young fish from 1 to 5 cm in size in the middle and upper water layer
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 100 ml provide food for a 60 l aquarium for 20 days

Art. no.
30160

Content
100 ml

Weight
28 g



JBL NovoTom Artemia

Main food for fry

- Ideal growth and beautiful colours due to brine shrimp. Powdered food for fry of live-bearing aquarium fish
- Ideal feeding conditions for newborn livebearers from 5 to 10 mm in middle and upper water layers
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 100 ml provide food for a 60 l aquarium for 20 days.

Art. no.
30253

Content
100 ml

Weight
60 g



JBL NovoBaby

Rearing diet set for fry

- Complete nutrition and ideal growth: rearing food set for live-bearing fish species
- Three foods and food sizes for rearing of newborn live-bearing fish up to 30 mm in all water layers
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening.

Art. no.
30254

Content
30 ml

Weight
18 g



JBL NobilFluid Artemia

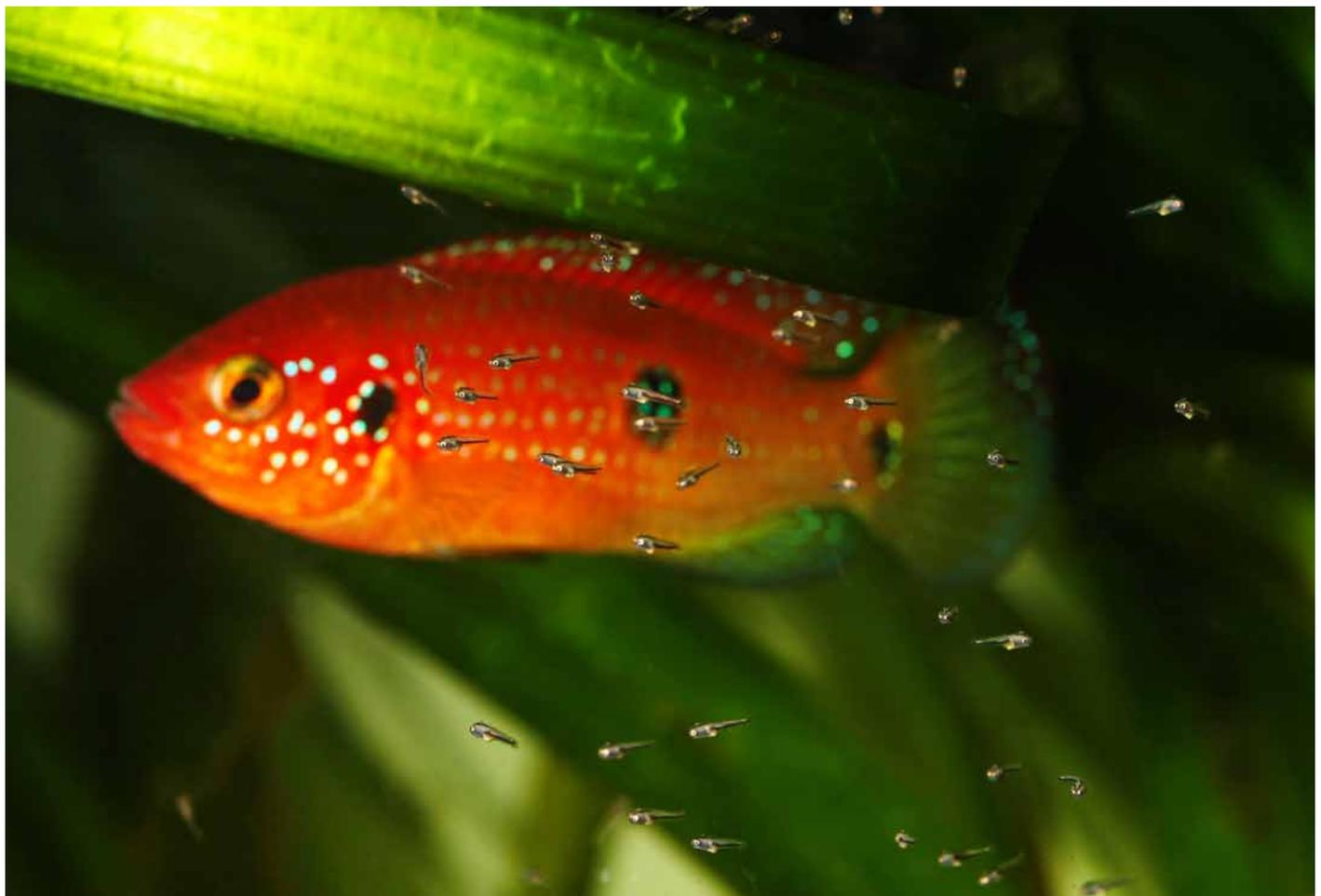
Rearing diet for fry of egg-laying aquarium fish species

- Liquid breeding diet for fry of egg-laying aquarium fish. Made of over 50 natural nutrients
- Ideal feeding conditions for fry too small for powdered food
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for two years unopened. Use within 4 months after opening

Art. no.
30881

Content
50 ml

Weight
54 g





JBL PlanktonPur S

Treats for small aquarium fish

- Varied diet: treats for tropical fresh and saltwater fish and shrimps. Fresh and pure plankton.
- Ideal colouring thanks to natural astaxanthin: natural food from arctic waters for fish from 2 to 6 cm in size
- Better digestibility leads to reduced algae growth and better water quality
- Natural food made of 100 % plankton
- Dosage: 2 g sticks supply an aquarium of up to 200 l. Unopened the sticks can be kept for 3 years

Art. no.

30031

30033

Content

8 x 2 g

8 x 5 g



JBL PlanktonPur M

Treats for large aquarium fish

- Varied diet: treats for tropical fresh and saltwater fish and shrimps. Fresh and pure plankton.
- Ideal colouring thanks to natural astaxanthin: natural food from arctic waters for fish from 4 to 14 cm in size
- Better digestibility leads to reduced algae growth and better water quality
- Natural food made of 100 % plankton
- Dosage: 2 g sticks supply an aquarium of up to 200 l. Unopened the sticks can be kept for 3 years.

Art. no.

30035

30037

Content

8 x 2 g

8 x 5 g



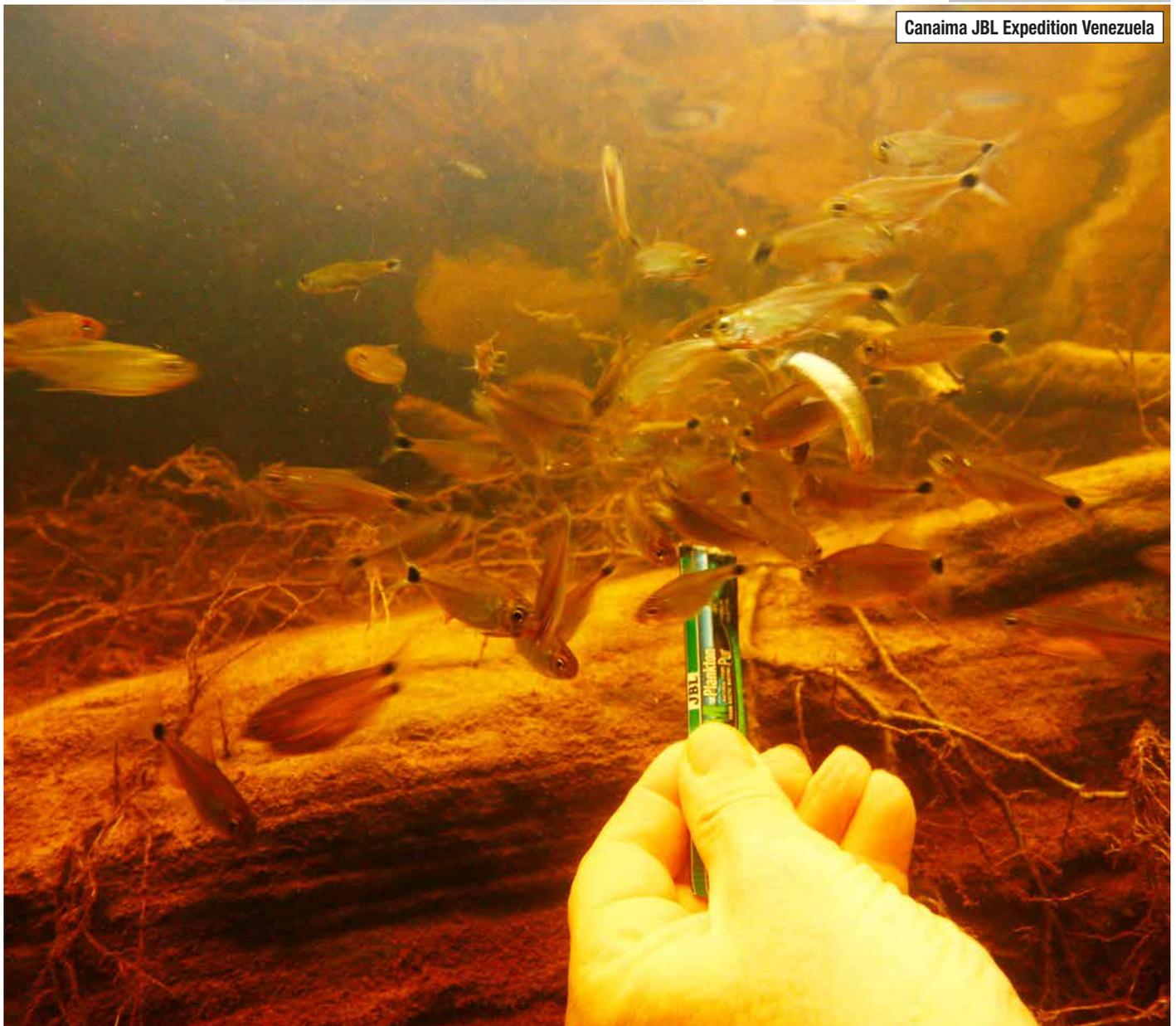
JBL Display PlanktonPur

Fully equipped sales display

- Attractive sales display for a special or secondary placement in the outlet
- The display contains: 18 x JBL PlanktonPur M2, 9 x JBL PlanktonPur M5, 9 x JBL PlanktonPur S2, 9 x JBL PlanktonPur S5
- Dimensions: 29 x 39.5 x 28.5 cm
- Contents: 18xJBL PlanktonPur M2, 9xJBL PlanktonPur M5, 9xJBL PlanktonPur S2, 9xJBL PlanktonPur S5, display, header

Art. no.

30038



Canaima JBL Expedition Venezuela

feeding > Premium > For all species



JBL Gala

Premium main food for aquarium fish

- Complete nutrition and ideal growth for tropical freshwater fish with shrimps and healthy garlic
- Ideal feeding conditions for fish species 3 - 20 cm in all water layers
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 100 ml supply food for a 60 l aquarium for 20 days

Art. no.	Content	Weight
40430	100 ml	15 g
40431	250 ml	38 g
40432	1000 ml	160 g
40433	5500 ml	950 g



JBL Grana CLICK

Premium main food for small aquarium fish

- Complete nutrition, optimal growth of small freshwater fish: production method conserves raw materials
- Ideal feeding conditions for small fish (3 to 15 cm) of all water layers
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 1 click feeds 5 fish

Art. no.	Content	Weight
40646	100 ml	43 g
40647	250 ml	108 g



JBL Grana

Premium main food for small aquarium fish

- Complete nutrition, optimal growth of small freshwater fish: production method conserves raw materials
- Ideal feeding conditions for small fish (3 to 15 cm) of all water layers
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 1 click feeds 5 fish

Art. no.	Content	Weight
40512	250 ml	108 g



JBL Krill

Premium main food flakes for all aquarium fish

- Protein-rich complete nutrition and ideal growth of tropical fresh and saltwater fish
- Ideal feeding conditions for fish species sized from 3 - 20 cm in middle and upper water layer
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 100 ml supply a 60 l aquarium for 20 days

Art. no.	Content	Weight
40581	100 ml	16 g
40582	250 ml	40 g



feeding > Premium > Discus/Cichlids



JBL GranaDiscus CLICK

Premium main food granulate for discus fish

- Complete nutrition, optimal growth and vibrant colours for demanding discus fish
- Ideal feeding conditions thanks to semi-floatable granulate
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 1 click feeds 5 fish

Art. no.	Content	Weight
40651	250 ml	110 g



JBL GranaDiscus

Premium main food granulate for discus fish

- Complete nutrition, optimal growth and vibrant colours for demanding discus fish
- Ideal feeding conditions thanks to semi-floatable granulate
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening.

Art. no.	Content	Weight
40520	250 ml	110 g
40521	1000 ml	440 g



Discus-Championat Italy 2016





JBL GranaCichlid CLICK

Premium main food for predatory cichlids

- Complete nutrition, optimal growth of predatory cichlids: production method conserves raw materials
- Ideal feeding conditions thanks to semi-floatable granulate for fish species 5 - 15 cm in size.
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 1 click feeds 5 fish

Art. no.
40655
40656

Content
100 ml
250 ml

Weight
44 g
110 g



JBL Grana Cichlid

Premium main food for predatory cichlids

- Complete nutrition, optimal growth of predatory cichlids: production method conserves raw materials
- Ideal feeding conditions thanks to semi-floatable granulate for cichlids 5 - 15 cm in size.
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening

Art. no.
40562

Content
250 ml

Weight
105 g



JBL Spirulina

Premium main food for algae-eating aquarium fish

- Complete nutrition + ideal growth of algae-eating dwellers in fresh + saltwater aquariums due to high algae proportion
- Ideal feeding conditions for shrimps and aquarium fish 3 - 20 cm in medium and upper water layers
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 100ml supply food for a 60l aquarium for 20 days

Art. no.
30004
30001
30002
30003

Content
100 ml
250 ml
1000 ml
5500 ml

Weight
16 g
40 g
160 g
950 g



Ormiston Gorge JBL Expedition Australia

feeding > Premium > Goldfish



JBL GoldPearls CLICK

Premium main food granulate for veiltails

- Complete nutrition, ideal growth of veiltails: selected raw ingredients to meet all goldfish demands
- Ideal feeding conditions for fish species min. 8 cm in all water layers. No swallowing of air
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 1 click feeds 5 fish

Art. no.	Content	Weight
40630	100 ml	58 g
40631	250 ml	145 g



JBL GoldPearls

Premium granulate as main food for veiltails

- Complete nutrition, ideal growth of veiltails: selected raw ingredients to meet all goldfish demands
- Ideal feeding conditions for fish species min. 8 cm in all water layers. No swallowing of air
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening

Art. no.	Content	Weight
40634	100 ml	58 g
40635	250 ml	145 g
40636	1000 ml	580 g

NOTE!
100+250 ml only available with FR/NL label.



JBL GoldPearls mini CLICK

Premium quality for small veiltails

- Complete nutrition, ideal growth and vibrant colours for small goldfish and veiltails
- Ideal feeding conditions for fish species min. 4 cm in the lower water layer. No air is swallowed
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 1 click feeds 5 fish

Art. no.	Content	Weight
40643	100 ml	56 g



JBL GoldPearls mini

Premium complete food for small veiltails

- Complete nutrition, ideal growth and full colouring for small veiltails
- Ideal feeding conditions for small fish species min. 4 cm in all water layers. No swallowing of air
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening

Art. no.	Content	Weight
40644	100 ml	56 g

NOTE!
This product is only available with French/Dutch label.



feeding > Premium > Tablet food

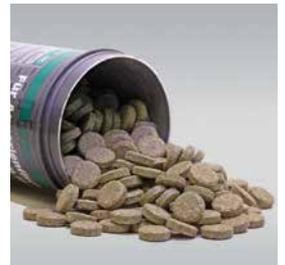


JBL Tabis

Premium class food tablets with exclusive ingredients

- Food tablets adhere to the aquarium glass.
- Contain 10% high-protein deep-sea krill.
- With 6% healthy spirulina algae.
- Free of water-polluting binding agents.
- Equally suitable for plecos and free-swimming fish.

Art. no.	Content	Weight
40600	100 ml	58 g
40620	250 ml	160 g



Lake Eacham JBL Expedition Australia





JBL Maris

Main food flakes for marine fish

- Complete nutrition and ideal growth for marine fish: 50 natural ingredients in 6 food flakes
- Ideal feeding conditions for all fish species 5 - 20 cm in all water layers
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fish meal, fish meat from fish fillet production for humans is used
- Can be stored for 3 years unopened, use within 4 months after opening. 250 ml supply a 60 l aquarium for 4 months

Art. no.
31020

Content
250 ml

Weight
40 g



JBL MariPearls CLICK

Premium main food granules for marine fish

- Complete nutrition and optimal growth of marine fish: with seaweed
- Ideal feeding conditions due to the floating and sinking of the granules for small fish species 5 - 20 cm in all water layers
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fishmeal, fish meat used from fish fillet production
- Can be stored for 3 years unopened, use within 4 months after opening = 1 click feeds 5 fish

Art. no.
40661

Content
250 ml

Weight
140 g



JBL MariPearls

Premium main food granules for marine fish

- Complete nutrition and ideal growth for marine fish: with seaweed
- Ideal feeding conditions due to the floating and sinking of the granulate, for small fish species 5 - 20 cm in all water layers
- Better digestibility leads to reduced algae growth and better water quality
- No processing of cheap fishmeal, fish meat used from fish fillet production
- Can be stored for 3 years unopened, use within 4 months after opening. Refill tin for Click doser MariPearls Click

Art. no.
40591

Content
1000 ml

Weight
520 g



JBL Korall Fluid

Liquid food with vitamins for corals

- Complete nutrition, optimal growth and colouring of corals, tube worms, molluscs in the marine aquarium
- Nutritious and rich in vitamins with phyto and zooplankton – strong growth thanks to essential amino acids
- Resistance to disease and optimal colouring thanks to multivitamin complexes
- During feeding trials nocturnal corals opened their polyps, as soon as JBL KorallFluid was added into the water
- Can be stored for 3 years unopened, use within 4 months after opening. 10 drops/200 l aquarium

Art. no.
31000
31003

Content
100 ml
500 ml



JBL Atvitol

Multivitamins for aquarium fish

- Multivitamins prevent deficiency symptoms and increase the resistance of freshwater and marine fish
- Healthy fish: a special emulsifying process with lecithin ensures the full effectiveness of the fat-soluble vitamins
- Multivitamins with essential amino acids
- To use: drip multivitamins on frozen, live, freeze-dried or dry food
- JBL Online Hospital: gives you access to identify fish diseases

Art. no.
20300

Content
50 ml



Moorea JBL Expedition South Pacific





JBL ArtemioMix

Mix of Artemia eggs and salt for mixing

- Live food for tropical freshwater and marine fish. Mixed food comprised of brine shrimp eggs, salt and micro algae
- Add 3 measuring spoons of the mix to 0.5 l tap water. The brine shrimps hatch after 24 to 36 hours
- Optimal pH value thanks to balanced proportion of salt
- 230 g ready mix for 14 applications, each of 0.5 l water
- Can be stored for 1 year unopened, use within 4 months after opening.

Art. no.
30902

Content
200 ml

Weight
230 g



JBL ArtemioFluid

Complete food for crustaceans

- Liquid food for the breeding of live food: phytoplankton and nutrients for the feeding of Artemia nauplii
- Add liquid food to the water a drop at a time
- Light green colouring of the water indicates the right amount of food. Feed again when water becomes clear again.
- Ultra-fine phytoplankton (algae) which is also the nutrition for Artemia nauplii in the wild
- Can be stored for 3 years unopened, use within 4 months after opening.

Art. no.
30904

Content
50 ml



JBL ArtemioSal

Salt for cultivating Artemia nauplii

- Live home-grown food: Special salt with micro algae for cultivating Artemia nauplii
- Easily soluble and simple to use. The adding of Artemia eggs (sold separately) is required
- Optimal pH value thanks to balanced proportion of salt. Results in high hatching rate for the Artemia eggs
- 230 g salt for 7 litres culture solution
- Can be stored for 3 years unopened, use within 4 months after opening.

Art. no.
30906

Content
200 ml

Weight
230 g



JBL ArtemioPur

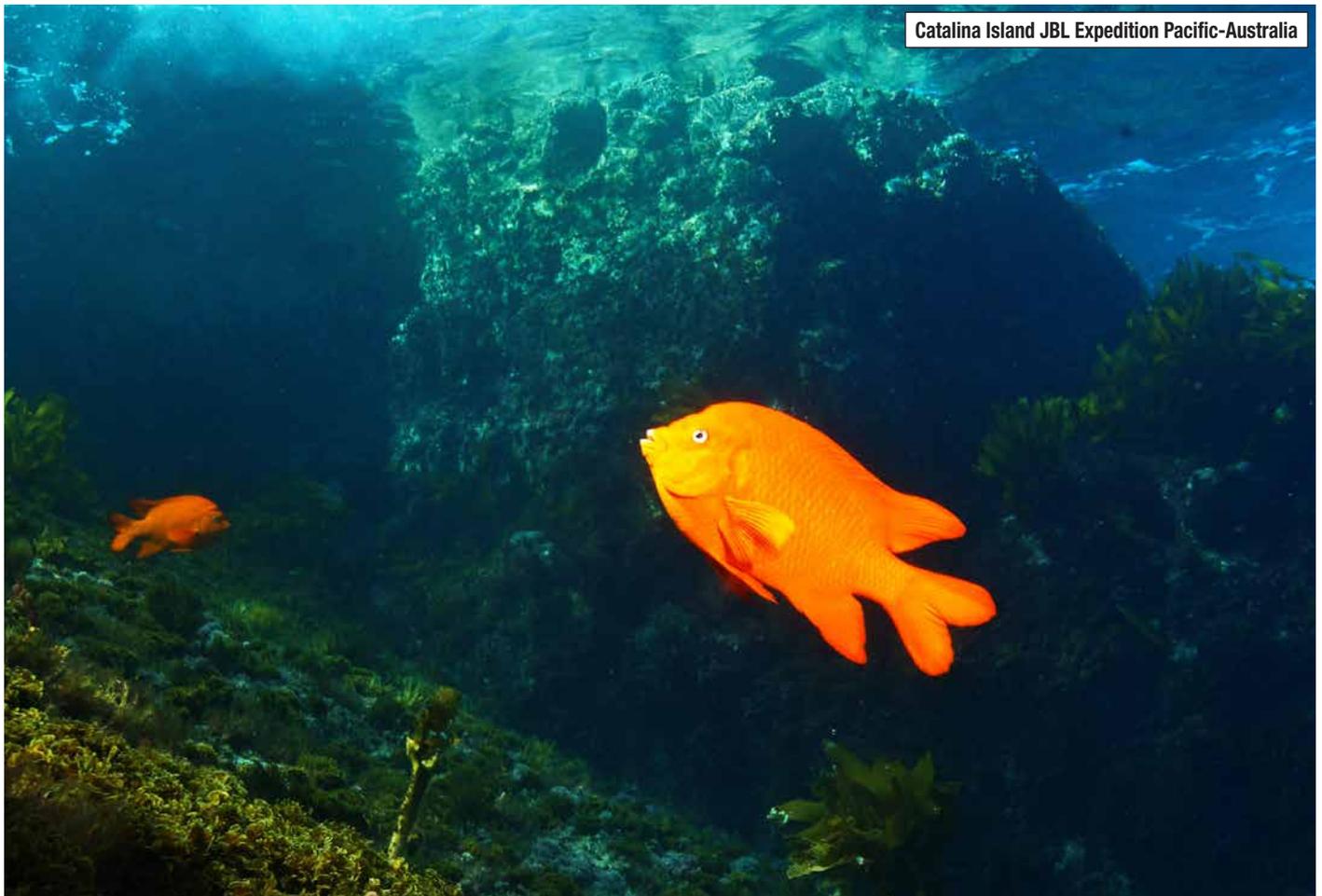
Artemia eggs for the production of live food

- Live food home-grown: high-quality Artemia eggs with maximal hatching rate for cultivating Artemia nauplii
- Easy to use: add eggs into the saltwater, Artemia nauplii will hatch after 24 hours (special salt sold separately)
- Hatching rate is guaranteed even after longer storage period due to our nitrogen filling process.
- To use: 1-3 dosage spoons Artemia eggs for 0.5 l saltwater. Aerate well
- Can be stored for 1 year unopened, use within 4 months after opening.

Art. no.
30907

Content
40 ml

Weight
20 g



Catalina Island JBL Expedition Pacific-Australia



JBL ArtemioSet
Complete breeding kit for live food

- Artemia nauplii home-grown in 24-48 hours: cultivation equipment with stand and air pump
- Assemble culture device, add water, salt and artemia eggs, allow 24-48h for brine shrimps to run out, sieve off and feed
- Effective: maximal hatching rate due to constant movement of the nauplia and funnel shape, separation of the nauplia using Artemia sieve
- Extendable, several containers with staggered setting up times: continuous supply for sensitive young fish

Art. no.
61060



JBL Artemio 1
Breeding container to extend the ArtemioSet

- Home-grown Artemia Nauplii in 24-48 hours: breeding container without air pump and hose.
- Assemble breeding container and, if wished, attach to additional stands via bayonet catch
- Extension for staggering the setting up times of several breeding containers, a continual supply of live food for sensitive young fish
- Fixed installation: stand to connect to other breeding containers. Optional wall mounting.

Art. no.
61061



JBL Artemio 2
Harvesting container for ArtemioSet

- Spare part for ArtemioSet or other Artemia breeding devices: transparent harvesting container.
- Place harvesting container with sieve (separately available as JBL Artemio3) under breeding container and sieve Artemia
- Sturdy plastic material.
- Fits exactly to Artemio sieve (Artemio 3) and sieve combination (Artemio 4)
- Package contents: 1 transparent harvesting container for ArtemioSet, Artemio 2

Art. no.
61062



JBL Artemio 3
Artemia sieve for ArtemioSet

- Spare part for ArtemioSet or other Artemia breeding devices: Artemia sieve with mesh size 0.15 mm
- Attach sieve to harvesting container (separately available as JBL Artemio 2) and catch Artemia in the sieve
- Lets saltwater run through, catches Artemia nauplii
- Suitable also for other types of live food
- Sieve for ArtemioSet

Art. no.
61063



JBL Artemio 4
Sieve for ArtemioSet

- Spare part for ArtemioSet or other Artemia breeding devices: Artemia sieve with mesh size 0.15 mm
- Sieve combination to sieve out different sizes of live food between 0.15 and 1.0 mm. Fits on Artemio 2
- Lets saltwater run through, catches Artemia nauplii.
- Suitable also for other types of live food.
- Contents: 1 sieve for ArtemioSet, Artemio 3

Art. no.
61064



JBL NovoStation
Floating feeding ring with water level adaption

- The ideal feeding place for all aquarium fish: feeding ring with suction cup and flexible attachment
- Precise feeding: no food floating around, perfect positioning even with a changing water level
- Precise feeding: no food floating around, perfect positioning even with a changing water level
- Easy to observe the fish: they congregate at the feeding place
- Contents: 1 feeding ring with level adaption, NovoStation. Size 9 x 9 cm

Art. no.
61369 Size
 90x90 mm



JBL Food Clip
Universal clip for food and salad leaves

- Ideal for green food such as salad leaves: universal clip with suction holder and flexible clip
- Press suction holder against the inside of the pane and insert food (e.g. lettuce leaf) to clamp
- Flexible clip: rotates in all directions, no drifting away of food, fish can be viewed while they are feeding
- Suitable for freshwater, saltwater and terrarium tanks
- Package contents: 1 universal clip with suction holder, food clip

Art. no.
63163



Overview Care Products

The best solutions for your aquarium

With the right products, caring for your aquarium is not only easy but can also be fun! You may not, at first glance, notice the intensive research that lies behind the composition of JBL products, especially the care products, but in the medium- and long-term you will certainly see the results in your beautiful aquariums and healthy fish. And just in case a problem does arise, you will find that experts and veterinarians are also committed users of JBL remedies and other problem solvers.



Water conditioner



Bacteria Starter



Problem solver



Remedies



JBL Biotopol

Water conditioner for freshwater aquariums

- For setting-up new aquariums, water changes and after fish diseases for freshwater aquariums and for turtle tanks
- Binds dangerous substances in tap water: neutralises copper, lead and zinc, as well as chlorine and chloramine
- Healthy water, healthy fish: protection of mucous membrane, gills, skin and fins with aloe vera
- Protection against stress and strengthening of the immune system thanks to vitamin B complex
- To use: 10ml/40 l water.

Art. no.

23001

23002

23003

20032

Content

100 ml

250 ml

500 ml

5000 ml

Range

400 l

1000 l

2000 l

20000 l



JBL Biotopol Refill

Water conditioner for freshwater aquariums

- For setting up new aquariums, for water changes and after fish diseases, for freshwater aquariums and for turtle tanks
- Converts tap water into biotope aquarium water. Neutralises substances, such as copper, zinc, lead and chlorine
- Perfect water, healthy fish: protection of mucous membrane, gills, skin and fins thanks to aloe vera
- Vitamin B group supports the function of the immune system and is effective against stress

Art. no.

23005

Content

625 ml

Range

2500 l



JBL Nano-Biotopol

Water conditioner for small freshwater aquariums

- For initial setup and during water changes for shrimps, dwarf crayfish and mini fish species
- Removal of dangerous substances from tap water: neutralises copper, zinc and lead, neutralises chlorine
- Healthy water, healthy fish: protects mucous membrane, gills, skin and fins
- Natural water environment thanks to tropical almond leaf extract
- For 180 l: 2 drops/1 l water. Example: 30 l/2.5 ml for setting up new aquariums, 5 drops in 1/3 water change every 2 weeks

Art. no.

23101

Content

15 ml

Range

180 l



JBL Biotopol R

Water conditioner for goldfish

- For setting-up new aquariums, water changes and after fish diseases, especially for goldfish aquariums
- Binds dangerous substances in tap water: neutralises copper, lead and zinc, as well as chlorine and chloramine
- Healthy water, healthy fish: protection of mucous membrane, gills, skin and fins with aloe vera
- Important vitamins of the B group support the normal function of the immune system. With eyebright extract for eye protection
- To use: 10ml/20l water.

Art. no.

23011

23012

Content

100 ml

250 ml

Range

200 l

500 l

250 ml only available with FR/NL label.



JBL Nano-Biotopol Beta

Water conditioner for fighting fish

- For water to suit fish: for initial setup and during water changes, for fighting fish
- Converts tap water into water suitable for fish: neutralises copper, zinc, lead and chlorine
- Healthy water, healthy fish: protects mucous membrane, gills, skin and fins
- Natural water environment thanks to tropical almond leaf extract
- For 180 l: 2 drops/1 l water. Example: 30 l/2.5 ml for setting up new aquariums, 5 drops in 1/3 water change every 2 weeks

Art. no.

23187

Content

15 ml

Range

180 l



JBL Biotopol C

Water conditioner for crustaceans and shrimps

- For initial setup and during water changes, especially for aquariums with shrimps and other invertebrates
- Neutralises dangerous substances: neutralises zinc + lead, removes chlorine, binds copper
- Healthy water, healthy shrimps: promotes the growth of shell and mineral supply needed for moulting
- Protects against stress thanks to vitamin B
- To use: 10ml/40l water.

Art. no.

23020

Content

100 ml

Range

400 l



JBL Acclimol

Water conditioner for acclimatisation

- When adding new fish or during fish transport, after medication treatment, after working in the freshwater aquarium
- Protection against stress and support for the immune system thanks to multivitamin complex with vitamin C
- Healthy water, healthy fish: protection of mucous membranes, gills, skin and fins by means of protective colloids
- Prevention of iodine deficiency symptoms thanks to iodine complex
- To use: 10 ml/40 l water.

Art. no.

23071

23072

23073

20056

Content

100 ml

250 ml

500 ml

5000 ml

Range

400 l

1000 l

2000 l

20000 l



care products > Water Conditioning > Water conditioner



JBL Tropol

Tropical water conditioner for freshwater aquariums

- For setting up new aquariums and water changes for the care of freshwater aquariums and shrimp tanks
- Creates crystal-clear water. Acts as light filter and withdraws a part of the light radiation vital for algae
- Fosters good health in fish through humic substances: peat and tannin from oak bark
- Improves acclimatisation of all blackwater fish
- Use: 10 ml/40l water. Example for 60 l aquarium: 15 ml for setting-up, 5 ml for 1/3 water change every 2-3 weeks

Art. no.	Content	Range
23066	100 ml	400 l
23067	250 ml	1000 l
20055	5000 ml	20000 l



JBL Catappa XL

Tropical almond leaves for freshwater aquariums

- Caring for fish and invertebrates in freshwater aquariums with conditions close to natural living environment
- Natural effect of tropical almond leaves: promotes well-being, vitality and spawning readiness
- Promotes well-being, vitality and spawning readiness. Tanning agents prevent diseases.
- Harvested from the tree, cleaned, smoothed and sun-dried
- 1 leaf/50 – 100 l water. Active substances will be completely released after 1 – 3 weeks. Contents: 10 leaves (each approx. 23 cm)

Art. no.	Content	Range
25198	10 Pieces	1000 l



JBL Nano-Catappa

Tropical almond leaves for small freshwater aquariums

- Natural care for fish and invertebrates in freshwater aquariums
- Natural effect of tropical almond leaves: promotes well-being, vitality and spawning readiness
- Promotes well-being, vitality and spawning readiness. Tanning agents prevent diseases.
- Directly harvested from the tree, cleaned, smoothed and sun-dried
- Use: 1 leaf/15 – 30 l water. Active substances are released completely after 1 – 3 weeks

Art. no.	Content	Range
25199	10 Pieces	300 l



care products > Water Conditioning > Bacteria starter



JBL Denitrol

Bacteria starter for adding aquarium fish

- For setting up a new aquarium, water changes and after fish diseases for fresh and saltwater aquariums, turtle and shrimp tanks
- Shake the bottle well, measure the right amount in the dosing lid and evenly distribute in the aquarium
- Live bacteria with enzymes for the rapid breakdown of pollutants
- Breakdown of fish excrement and other waste by means of special enzymes and cleansing bacteria
- To use: 10ml/300 water during water change. 10ml/100l water on first day for initial setup; next 9 days: 10ml/300l daily

Art. no.	Content	Range
23061	100 ml	3000 l
23062	250 ml	7500 l



JBL FilterStart

Bacteria for the activation of filters

- To activate filters, set up aquariums, for water changes and after fish diseases for freshwater and saltwater aquariums
- For the use of new filters, after filter cleaning and the use of medication
- Fast biological filter settling: breakdown of ammonium/ammonia and nitrite through highly active living bacteria
- Sufficient for 3 l filter material
- Use: 10 ml/3 l filter material

Art. no.	Content	Range
25182	10 ml	3 l



Canaima JBL Expedition Venezuela





JBL FilterStart Red
Cleansing bacteria for filters in goldfish aquariums

- For water which suits fish perfectly: for initial setup, water changes and after filter cleaning on goldfish aquariums
- Important after medication treatment to rebuild the bacterial flora
- Removal of dangerous substances from aquarium water: breakdown of NH3 and NO2 through highly active cleansing bacteria
- Sufficient for 3 l filter material
- Contents: 1 package JBL bacteria starter 10 ml for goldfish aquariums. Use: 10 ml/3 l filter material

Art. no. 25184	Content 10 ml	Range 3 l
NOTE! This product is only available with French/Dutch label.		



JBL FilterBoost
Bacteria to enhance the filter performance

- For setting-up new aquariums and after water changes for freshwater and saltwater aquariums, turtle and shrimp tanks
- For the use after cleaning the filter, for external and internal filters
- Sludge breakdown by pure bacteria cultures. No clogging. The filter material needs cleaning less often.
- Bacteria activated granulate: sufficient for 5 - 6 l filter volume
- Use: 25 g/5 - 6 l filter volume

Art. no. 25185	Content 25 g	Range 6 l
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JBL Nano-Start
Bacteria starter for small freshwater aquariums

- For setting-up new aquariums, water changes and bacterial restarts after fish diseases. For small freshwater aquariums
- For the use of new filters, after filter cleaning and the use of medications
- Important live helpers for effective filtering: breakdown of toxic ammonia & nitrite due to highly active live bacteria
- Add contents into setup aquarium, start the filter. Recommendation: weekly water change of 30 %
- Use: 15 ml/60 l aquarium water

Art. no. 23110	Content 15 ml	Range 40 l
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JBL StartKit
Complete water treatment for freshwater aquariums

- Add the water conditioner to the aquarium water, continue with the bacteria starter 15 minutes later. Then insert fish
- Water conditioner removes harmful substances from tap water and starter adds pollutant-decomposing bacteria
- Without bacteria starter an accumulation of toxic ammonia and nitrite occurs
- Ideal for freshwater aquariums with fish, shrimps and turtles
- Contents: 1 x 15ml water conditioner JBL Biotopol and 1 x 15ml bacteria starter JBL Denitrol for 10-60 l aquarium water

Art. no. 23010	Content 2 x 15 ml	
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Canaima JBL Expedition Venezuela





JBL CalciuMarin

Calcium supplement 500 g for marine aquariums

- For healthy and strong coral growth in marine aquariums: calcium, strontium and carbonate hardness supplement
- Add component 1 to the aquarium (into the current), wait for 10 minutes, add component 2. Or premix in open vessel
- Adding two components supplements calcium, carbonate hardness and strontium
- Reaction after the use of 2 components: calcium hydrogen carbonate, sodium chloride, strontium complex are generated

Art. no.
24910

Content
500 g



JBL MagnesiuMarin

Magnesium supplement für marine aquariums

- For the professional maintenance of reef aquariums, especially for beautiful calciferous red algae and strong corals
- Liquid magnesium supplement – a magnesium content between 1200 and 1400 mg/l needs to be adjusted.
- Dosage: add liquid magnesium supplement to strong current points in marine aquariums
- Content can be checked with: JBL Ca/Mg Test Set (not included)
- To use: 50ml increase by 50 mg/l in 50 l

Art. no.
24911
24912

Content
500 ml
5000 ml



JBL TraceMarin 1

Strontium concentrate for marine aquariums

- Professional care for reef aquariums: strontium supplement with barium and cobalt
- For strong and healthy growth of all organisms in marine aquariums
- Simple, effective dosing of strontium, barium and cobalt as liquid preparation.
- Best effects when used with: JBL Trace Marin 2 and 3
- Dosing: weekly 7 ml/100 l

Art. no.
24914
24934

Content
500 ml
5000 ml

Range
7000 l
70000 l



JBL Trace Marin 2

Iodine-fluoride-boron-chromium supplement f. aquarium

- Professional care for reef aquariums: iodine supplement with fluoride, boron and chromium
- For strong and healthy growth of all organisms in marine aquariums
- Simple and very effective dosing of iodine, fluoride, boron and chromium. Administer dosage quantity into the current
- Best effects when used with: JBL Trace Marin 1 and 3
- Dosing: weekly 7 ml/100 l

Art. no.
24915
24935

Content
500 ml
5000 ml

Range
7000 l
70000 l



JBL TraceMarin 3

Trace element concentrate for marine aquariums

- Professional care for reef aquariums: 8 trace elements, manganese, zinc, iron, nickel, molybdenum, vanadium, rubidium
- For strong and healthy growth of all organisms in marine aquariums
- Use: simple and very effective dosing of 16 complementary trace elements. Administer dosage quantity into the current
- Best effects when used with: JBL Trace Marin 1 and 2
- Dosing: weekly 7 ml/100 l

Art. no.
24916
24936

Content
500 ml
5000 ml

Range
7000 l
70000 l



Great Barrier Reef JBL Expedition Australia



JBL PhosEx rapid

Phosphate remover for freshwater aquariums

- Eliminates the basic nutrient phosphate for all types of algae: for freshwater aquariums, turtle and shrimp tanks
- Immediate action: liquid iron preparation to reduce high phosphate values
- Removes phosphate. Prevents algae growth. Clears cloudy aquarium water
- How it works: iron compound binds the phosphate dissolved in the water. Effectiveness shown by brownish clouding for 2-24 h
- To use: 10 ml/40 l water when >2.4 mg/l phosphate. Example: 60 l aquarium: 15 ml

Art. no.

25194

25195

Content

100 ml

250 ml

Range

400 l

1000 l



JBL Clynol

Water conditioner for cleaning and clarifying

- Water cleaner the natural way. Cleans and clarifies aquarium water. For fresh and saltwater aquariums and turtle tanks
- Cleans and clarifies, eliminates discolouration and cloudiness, binds heavy metals, ammonium, proteins and odours
- Healthy water, healthy fish: promotes the well-being of the aquarium dwellers
- Crystal-clear water after initial clouding within 24 hours, which indicates the effectiveness of JBL Clynol
- To use: 10ml/40 l water. Example: in a 60 l aquarium: 15 ml. For more serious occurrences: 10 ml/40 l

Art. no.

25190

25191

25192

Content

100 ml

250 ml

500 ml

Range

400 l

1000 l

2000 l



JBL Clearol

Water conditioner for crystal-clear water

- Creates crystal-clear water in freshwater aquariums and turtle tanks
- Eliminates micro-fine cloudiness, which can't be collected from the filter. Combats white and green cloudiness
- Turbidity sinks to the bottom and can be siphoned or collected from the filter
- Clean filter more frequently to remove solid turbidity. Use with pH levels over 6 and KH levels over 5° dKH
- To use: 10 ml/40 l water.

Art. no.

23031

23032

23033

Content

100 ml

250 ml

500 ml

Range

400 l

1000 l

2000 l



JBL OxyTabs

Oxygen tablets for freshwater aquariums

- For a healthy oxygen content in the aquarium water for freshwater fish and shrimps
- Add tablet to the water. For 10 l water one tablet a week. For fish transport lasting max. 8 hours
- Ideal for fish transport lasting max. 8 hours
- Note: oxygen tablets are no substitute for an aeration of the water
- Use: 1 tablet/10 l water

Art. no.

20080

Content

50 Tabl.

Range

500 l



JBL pH-Minus

Water conditioner to reduce the pH value

- For aquarium water to suit both fish and plants in freshwater aquariums, in turtle tanks and in shrimp tanks
- Rapid decrease of the pH value thanks to natural oak extract, phosphate-free
- Ideal pH value: around 7 (neutral pH range) Tip: the carbonate hardness should at least have 4 °dKH
- Use with pH values >8: 10 ml/40 l water, pH value 7-8: 10 ml/80 l water, pH values <7: no adding of JBL pH-Minus
- To use: 10ml/40 l water.

Art. no.

23046

23047

Content

100 ml

250 ml

Range

400 l

1000 l



JBL pH-Plus

Water conditioner to increase the pH value

- To adapt the pH value to the needs of the fish and invertebrates in fresh and saltwater aquariums
- Rapid raising of the pH value and stabilisation through increase of the carbonate hardness
- Can be used as often as needed to raise the carbonate hardness in too soft water. Maximal increase of the pH value to 8.5
- Adjusts the carbonate hardness to the natural ocean value of 9 to 12 °d KH and the required pH value of 8.0 to 8.4
- To use: 10 ml/40 l water. Results in an increase of approximately 1° dKH

Art. no.

23056

23057

Content

100 ml

250 ml

Range

400 l

1000 l



JBL Nano-Crusta

Care product for crustaceans

- For invertebrates in freshwater aquariums: for initial setup and during water changes for shrimps, dwarf crayfish and mini fish species
- Cleans and clarifies naturally: creates crystal-clear, naturally pure aquarium water
- Bevordert het welzijn van en een gezonde vervelling bij kreeften en garnalen door het kleimineraal Montmorilloniet.
- Vibrant colouring: promotes clear colour formation in shrimps
- 1 bottle water conditioner for nano aquariums, 15 ml. Use for max. 700 l: 1 drop/2 l water per week

Art. no.

23107

Content

15 ml

Range

700 l





JBL Aquadur

Mineral salt water conditioner

- To create aquarium water that meets the demands of fish, invertebrates and plants: to achieve ideal water values for freshwater aquariums
- Constant water values: an increase of carbonate hardness as advised by experts and the stabilisation of the pH level. Prevents a sudden drop in acidity.
- Healthy water, healthy fish: mineral salt mixture means fish are protected from mineral deficiency
- Optimal dosing with enclosed measuring spoon. Increases about 3000 l by 1° KH and 1.6° GH

Art. no.
24902

Content
250 g

Range
3000 l



Water analysis Lake Malawi & Lake Tanganyika (Expeditions 2006 and 2010)

Lake Malawi	Temp.	KH	GH	pH	NH ₄ /NO ₂ /NO ₃	O ₂	Conduct.
1 m depth	25° C	7°	5,5°	8,6	0	8,0	243 µS
42 m depth	21° C	7°	5°	8,5	0	7,5	237 µS

LakeTanganyika	Temp.	KH	GH	pH	NH ₄ /NO ₂ /NO ₃	O ₂	Conduct.
Surface	29° C	18°	10°	8,9	<0,05/0/<0,5	8,0	644 µS
10 m depth	29° C	17°	11°	8,8	<0,05/0/<0,5	8,0	690 µS



JBL Aquadur Malawi/Tanganjika

Mineral salt water conditioner

- To achieve ideal water values for aquarium dwellers from the Lakes Malawi and Tanganyika
- Water values close to nature: Adding it increases the carbonate hardness more than the general hardness
- Promotes well-being, health, spawning readiness of the cichlids. increases the hatching rate of juvenile fish
- Optimal dosing thanks to measuring spoon. 250 g mineral salt for 800 l Lake Malawi water or 300 l Lake Tanganyika water
- 1 tin mineral salts for Lake Malawi and Lake Tanganyika aquariums, 250 g

Art. no.
24903

Content
250 g

Range
800 l

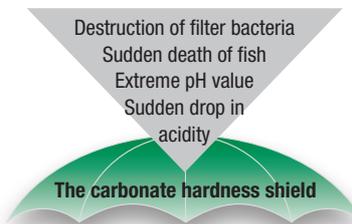


Carbonate Hardness – The Life Insurance for the Aquarium

The carbonate hardness (not the general hardness!) contains components which stabilize the pH level. They prevent extreme pH levels and ensure the aquarium functions properly.

What is the benefit of the correctly adjusted carbonate hardness?

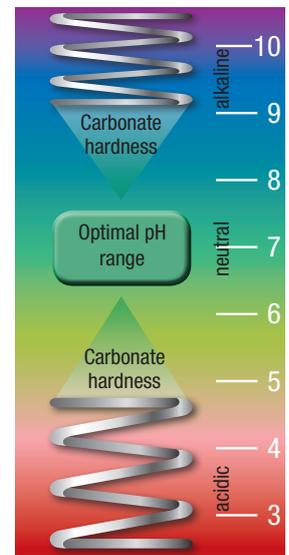
A KH between 5 and 12 °dKH gives the water a stable pH level, so that the pH level hardly fluctuates. This stable pH value in turn



enables the filter bacteria to work optimally, the water values improve and the fish are less susceptible to diseases. Stable pH levels prevent a sudden drop in acidity (drastic drop of the pH into the acidic range) and an extreme rise into high ranges around 10.

How can you increase the carbonate hardness?

It's very easy to increase the KH, if it is under 5 °dKH: Through the addition of JBL Aquadur (a mixture of various mineral salts) you can continuously raise the KH of your water to values over 5 °dKH. Just add JBL Aquadur into the aquarium water, where it will dissolve. In a final measurement you then will find a value between 5 and 12 °dKH.



JBL Algal

Water conditioner to combat algae

- For beautiful freshwater aquariums: combats all algae species fast and intensively
- Not harmful to fish and microorganisms when used correctly
- Crystal-clear water. Combats all algae species
- Ensure sufficient oxygen content by means of aeration during the treatment
- To use: 10 ml/40 l water.

Art. no.
23022
23023

Content
100 ml
250 ml

Range
400 l
1000 l

Use biocides safely.
Always read the labelling and product information before use.



Recognize diseases and deficiencies in time

<p>Punktol Plus / Red</p>	<p>Ektolfluid Plus</p>	<p>OodinoI Plus</p>	<p>Fungol Plus</p>	<p>Ektolbac Plus</p>
				
<p>White spot disease</p>	<p>Fin rot</p>	<p>Freshwater oodinium</p>	<p>Fungal infection</p>	<p>External bacterial infection</p>
				
<p>Cryptocaryon</p>	<p>Mouth rot</p>	<p>Saltwater oodinium</p>	<p>Fungal infection</p>	<p>Open ulcers</p>
<p>An effective remedy for:</p> <ol style="list-style-type: none"> 1. White spot (Ichthyophthirius multifiliis) 2. Saltwater ick (Cryptocaryon irritans) 3. Slimy skin (Costia necatrix) 4. Saltwater slimy skin (Brooklynella hostilis) 5. Glossatella / Heteropolaria 6. Trichodina 7. Chilodonella 	<p>An effective remedy for:</p> <ol style="list-style-type: none"> 1. Fin rot (Aeromonas-, Pseudomonas- and Myxo- or Flexi-bacteria) 2. Columnaris (mouth rot) 3. Bacterial fin rot 	<p>An effective remedy for:</p> <ol style="list-style-type: none"> 1. Oodinium pillularis (freshwater velvet disease). 2. Oodinium limneticum (North American freshwater velvet disease). 3. Oodinium ocellaris (saltwater velvet disease). 	<p>An effective remedy for:</p> <ol style="list-style-type: none"> 1. Fungus (Saprolegniaceae) 2. Mycosis of spawn 3. Achlya 	<p>An effective remedy for:</p> <ol style="list-style-type: none"> 1. External bacterial diseases 2. Open ulcers 3. Bloodshot spots 4. Bleeding
				

First Aid for your aquarium fish



Gyrodol

Plus



Gill fluke infections (gaping, reddened gills)



Microscope view of gill flukes

An effective remedy for:

1. Gill flukes (*Dactylogyrus*),
2. Skin worms (*Gyrodactylus*),
3. Tapeworms (*Cestodae*)



Aradol

Plus



Anchor worm



Carp lice

An effective remedy for:

1. Carp lice, (*Argulus*)
2. Anchor worms (*Lernaea*)
3. Gill flukes (*Dactylogyrus*)



Nedol

Plus



Worm infection



Microscope view of hair worms

An effective remedy for:

1. Hair worms (*Capillaridae*),
2. Pinworms (*Oxyuridae*),
3. Camallanus worms (*Camallanidae*) or other nematodes.



Spirohexol

Plus



Hole in the head disease



Hole in the head disease

An effective remedy for:

1. Hole in the head disease
2. Flagellates (*Spironucleus*, *Hexamita*)



Ektol cristal



Supplementary tonic

Supports treatment of pathogens in the skin of fish by supplying the mucous membrane with salt to help it regenerate



VORSPRUNG DURCH
FORSCHUNG
AHEAD THROUGH RESEARCH





JBL Punktol Plus 125

Remedy to treat white spot disease

- For treatment of white spot and other ectoparasites
- For the treatment of parasites on freshwater and marine fish and the partial treatment of aquatic invertebrates
- Repeat dosing because of the pathogen's life cycle. Pathogen detaches itself from fish, sinks to the bottom. No copper
- JBL Online Hospital: gives you access to identify fish diseases
- For max. 1000 l. Use: 10 ml/100l aquarium water. Duration of treatment: for approx. 15 days every second day = 8 dosages

Art. no. **10065** Content 100 ml Range 1000 l

*For questions on risks and side-effects please read the package insert and ask your veterinary or pharmacist.



JBL Punktol Plus 250

Remedy to treat white spot disease

- For treatment of white spot and other ectoparasites
- For the treatment of parasites on freshwater and marine fish and the partial treatment of aquatic invertebrates
- Repeat dosing because of the pathogen's life cycle. Pathogen detaches itself from fish, sinks to the bottom. No copper
- JBL Online Hospital: gives you access to identify fish diseases
- For 2000 l water or 250 l in case of complete treatment. Use: 5ml/100l aquarium water every 2nd day for approx. 15 days

Art. no. **10066** Content 100 ml Range 2000 l

*For questions on risks and side-effects please read the package insert and ask your veterinary or pharmacist.



JBL Punktol Plus 1500

Remedy to treat white spot disease

- For treatment of white spot and other ectoparasites
- For the treatment of parasites on freshwater and marine fish and the partial treatment of aquatic invertebrates
- Repeat dosing because of the pathogen's life cycle. Pathogen detaches itself from fish, sinks to the bottom. No copper
- JBL Online Hospital: gives you access to identify fish diseases
- For max. 12500l aquarium water. Use: 1 drop/10l. Duration of treatment: for approx. 15 days every second day = 8 dosages

Art. no. **10068** Content 50 ml Range 12500 l

*For questions on risks and side-effects please read the package insert and ask your veterinary or pharmacist.



JBL Punktol Red Plus 125

Remedy to treat white spot in goldfish

- For treatment of white spot and other ectoparasites
- For the treatment of parasites on goldfish + other species in unheated aquariums and partial treatment of invertebrates
- Repeat dosing because of the pathogen's life cycle. Pathogen detaches itself from fish, sinks to the bottom. No copper
- JBL Online Hospital: gives you access to identify fish diseases
- For max. 1000l. Use: 10 ml/100 l aquarium water. Duration of treatment: for approx. 15 days every second day = 8 dosages

Art. no. **10080** Content 100 ml Range 1000 l

*For questions on risks and side-effects please read the package insert and ask your veterinary or pharmacist.



JBL Online Hospital

JBL Online Hospital

Sick fish? The right diagnosis at the click of a mouse with JBL ONLINE HOSPITAL on your computer!

- Search function
- Picture-based diagnosis
- Text-based diagnosis
- Therapy



The free advice site for diagnosis and therapy at www.JBL.de





JBL Oodinol Plus 250

Remedy for treatment of velvet disease in aquarium fish

- Combats all kinds of oodinium pathogens
- Combats parasite infestation in freshwater and marine fish. Not suitable for aquatic invertebrates
- Due to the pathogen's life cycle repeat dosing: pathogen detaches itself and sinks to the bottom
- JBL Online Hospital: gives you access to identify fish diseases
- For max. 1000 l. Use: 10 ml/100 l. Duration of use: 5 days, 1st, 2nd, 3rd and 5th day = 4 dosages

Art. no.	Content	Range
10076	100 ml	1000 l

*For questions on risks and side-effects please read the package insert and ask your veterinary or pharmacist.



JBL Ektol fluid Plus

Remedy for mouth and fin rot

- To treat mouth and fin rot and other external bacterial infections
- To treat bacterial infestation in freshwater fish
- Problems with KH, pH, NH3 and NO2 encourage bacterial diseases and need to be examined.
- JBL Online Hospital: gives you access to identify fish diseases
- Use: 10 ml/50 l.

Art. no.	Content	Range
10078	100 ml	250 l
10069	100 ml	500 l

*For questions on risks and side-effects please read the package insert and ask your veterinary or pharmacist.



JBL Fungol Plus 250

Remedy for fungal infection in aquarium fish

- Treats fungal infections: whitish, cotton ball-like films on body and fins
- Treats fungal infestation in freshwater aquarium fish
- The fungal infestation is often a secondary infection. Primary infection is often a skin injury or a bacterial infection
- JBL Online Hospital: gives you access to identify fish diseases
- For max. 750 l. Component 1: 1st day 10 ml/80 l. Add another full dose each on the 3rd + 5th day if necessary. Component 2: 7th day 10 ml/80 l.

Art. no.	Content	Range
10063	200 ml	750 l

*For questions on risks and side-effects please read the package insert and ask your veterinary or pharmacist.



JBL Furanol Plus 250

To treat of internal and external bacterial infections

- Remedy with the very effective active substance Nifurpirinol to treat all kinds of bacterial diseases
- Effective against bacteria of the genera Aeromonas, Pseudomonas, Columnaris, Flexibacter and others
- Also helps treat open ulcers and crater-like indentations as well as bloodshot areas
- Suitable for fresh and saltwater
- 20 tablets for fresh water and marine fish. Use: 1 tablet/25 l water. Just put the tablet into the aquarium water

Art. no.	Content	Range
10070	20 Tabl.	500 l

*For questions on risks and side-effects please read the package insert and ask your veterinary or pharmacist.



JBL Ektol bac Plus 250

Remedy for bacterial infections

- For Aeromonas, Pseudomonas, Columnaris (Flexibacter) and other bacteria
- For bacterial infections in freshwater aquariums
- Helps combat bloodshot spots, bulge-like ulcers, protruding gill covers and accelerated breathing
- JBL Online Hospital: gives you access to identify fish diseases
- For max. 500 l. To use: 10 ml or 5 ml/100 l aquarium water. Duration of treatment: approx. 6 days, each day = 6 dosages

Art. no.	Content	Range
10075	200 ml	500 l

*For questions on risks and side-effects please read the package insert and ask your veterinary or pharmacist.



JBL Gyrodol Plus 250

Remedy for skin and gill flukes

- Combats gill flukes, skin flukes and tape worms
- For carp-like, bass-like, cat fish-like fish and toothcarp in fresh and saltwater. Is not tolerated by invertebrates
- Gill flukes are often not recognizable to the naked eye. They can only be diagnosed by microscopic examination
- JBL Online Hospital: gives you access to identify fish diseases
- For max. 500 l. Use: 10 ml/50 l. Remains in the water: 48 hours. Then 30 % water change.

Art. no.	Content	Range
10072	100 ml	500 l

*For questions on risks and side-effects please read the package insert and ask your veterinary or pharmacist.





JBL Aradol Plus 250

Remedy against carp lice and anchor worms

- To combat carp lice, anchor worms, gill maggots and wood lice. Does not work under 18 °C
- For the treatment of parasites on freshwater and marine fish. Not suitable for aquatic invertebrates!
- The remedy does not kill the parasite but prevents it reproducing. Pathogen then dies.
- JBL Online Hospital: gives you access to identify fish diseases
- For max. 500 l, for repeated use 250 l. To use: 1st + 14th day: 10 ml/50 l water. 8th day: 50% water change

Art. no.	Content	Range
10073	100 ml	500 l

*For questions on risks and side-effects please read the package insert and ask your veterinary or pharmacist.



JBL Nedol Plus 250

Remedy against roundworms and Camallanus

- For the treatment of hair worms, pinworms, Camallanus worms and other nematodes
- Infected fish become emaciated despite good feeding. The fish occasionally excrete white faeces, as a result of a damaged intestinal wall
- Camallanus worms are often easy to recognize with the naked eye, because they hang out of the fish's anus at times.
- JBL Online Hospital: gives you access to identify fish diseases
- Use: 10 ml/75 l aquarium water. Length of treatment depends on the type of worm, max. 20 days.

Art. no.	Content	Range
10074	100 ml	750 l

*For questions on risks and side-effects please read the package insert and ask your veterinary or pharmacist.



JBL Spirohexol Plus 250

Remedy to treat flagellates and hole-in-head disease

- For aquarium fish to treat intestinal flagellates of genus Hexamita (hole-in-head disease), Spironucleus + Protoopalina.
- For freshwater and saltwater fish
- The hole-in-head disease is caused by flagellates and exacerbated by mineral deficiency = harden the soft water
- JBL Online Hospital: gives you access to identify fish diseases
- For max. 500 l. To use: 10 ml/50 l. Duration of treatment: approx. 8 days, 1st and 8th day = 1 - 2 dosages

Art. no.	Content	Range
10071	100 ml	500 l

*For questions on risks and side-effects please read the package insert and ask your veterinary or pharmacist.



JBL Ektol cristal

Tonic for treating stress in aquarium fish

- Supplementary tonic to treat stress and to regenerate the mucous membranes
- To support the regeneration of the mucous membrane
- Supports medical treatment. Promotes stability of live-bearing fish by adjusting the salt content.
- JBL Online Hospital: gives you access to identify fish diseases
- Use: 5 g/50 l aquarium water.

Art. no.	Content	Range
10041	80 g	800 l
10050	240 g	2400 l
10055	3000 g	30000 l

*For questions on risks and side-effects please read the package insert and ask your veterinary or pharmacist.



Family of parasites	English name	Scientific name	JBL Aradol Plus	JBL Gyrodol Plus	JBL Nedol Plus
Crustacians	Carp lice	Argulus	yes		
Crustacians	Fish lice	Livoneca	yes		
Crustacians	Anchor worms	Lernaea	yes		
Tapeworms	Tapeworms	Cestoda		yes	
Trematodes	Flat worms	Planarian		yes	
Trematodes	Gill flukes	Dactylogyrus	(yes)	yes	
Trematodes	Skin flukes	Gyrodactylus	(yes)	yes	
Nematodes	Camallanus worms	Camallanus			yes
Nematodes	Hair worms	Capillaria			yes
Nematodes	Pinworms	Oxuridae			yes
Leeches	Leeches	New discovery:	No medication is effective!		

Water testing is that simple with JBL Test Sets:



For a regular monitoring of your pond water JBL offers a series of test kits. With most of the tests, a reagent is added to change the colour of the water. JBL tests have a special feature to make the reading easier and extremely accurate: Instead of only comparing the colour change of the water on a colour scale, a second measuring

vial with the pond water is also put on the colour chart. This water then appears to have (optically) changed its colour, which makes it easier to compare it very accurately with the water colour of the other measuring glass vial. This system of comparison is called comparator system. It compensates natural water discoloration.



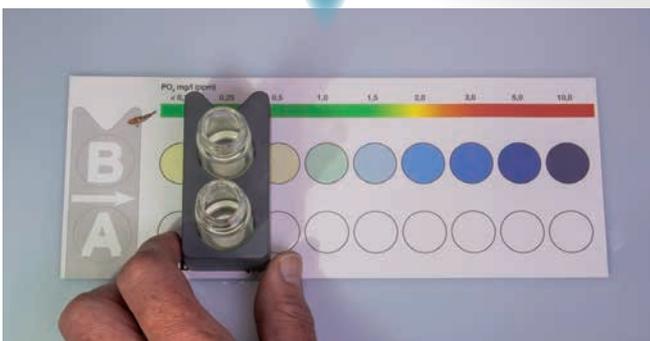
1

Use the enclosed syringe to fill each of the test containers with sample water.



2

Add the reagent to one of the test containers.



3

Move the comparator block with the two test containers backwards and forwards on the colour chart with the notch pointing to the values, until the colour of the sample treated with reagent matches the colour under the blank sample as closely as possible.



JBL pH Test 3.0-10.0

Quick test to determine the acidity

- Controls the water values simply and reliably. Determines the ideal pH values for freshwater and seawater
- Quick test: fill plastic cuvette with sample water, add reagent, read value of the sample off colour chart
- When to use: when setting up a new aquarium: daily for one week, afterwards weekly
- Online Laboratory: regular control for a healthy aquarium/pond with conditions close to nature
- Contents: 1 refill pack for quick test, contents for approx. 80 measurements, 1

Art. no.
25342
25343

For
80 tests
Refill



JBL pH Test 6.0-7.6

Quick test for the determination of the acidity

- Controls the water values in aquariums simply and reliably. Determines the ideal pH value for freshwater aquariums
- Laboratory comparator system to compensate the inherent water colouring: read sample water and reagent in the holder off the colour chart
- When to use: for setting up a new aquarium: daily for one week, afterwards weekly
- Online Laboratory: regular control for a healthy aquarium with conditions close to nature.
- Package contents: 1 quick test, pH Test 6.0-7.6 for approx. 80 measurements

Art. no.
25346
25347

For
80 tests
Refill



JBL pH Test 7.4-9.0

Quick test to determine the acidity

- Controls water values in ponds and aquariums simply and reliably. Determines the ideal pH value for fresh and saltwater
- Laboratory comparator system to compensate the inherent water colouring: read sample water and reagent in the holder off the colour chart
- When to use: for setting up a new aquarium: daily for one week, afterwards weekly
- Online Laboratory: regular control for a healthy aquarium/pond with conditions close to nature.
- Package contents: 1 quick test, pH Test 7.4-9.0 for approx. 80 measurements,

Art. no.
25348
25349

For
80 tests
Refill



JBL GH Test

Quick test to determine the total hardness

- Simple and reliable control of water values. Determines the ideal total hardness for freshwater aquariums and ponds
- Colour change test: add the reagent drop by drop until the colour changes from red to green. Number of drops = total hardness
- When to use: for setting up a new aquarium: once a week
- Online Laboratory: regular control for a healthy aquarium/pond with conditions close to nature.
- Package contents: 1 quick test, GH Test. Incl. reagent and plastic cuvette. Refill reagent available separately

Art. no.
25350
25351

Refill



JBL KH Test

Quick test for the determination of the carbonate hardness

- Reliable control of water values. Determination of optimal carbonate hardness for fresh/saltwater aquariums and ponds
- Colour change test: add reagent drop by drop until colour changes from blue to yellow. Number of drops = carbonate hardness
- When to use: when setting up a new aquarium: once a week
- Online Laboratory: regular control for a healthy aquarium/pond with conditions close to nature.
- Package contents: 1 quick test, KH Test. Incl. reagent and plastic cuvette. Refill reagent available separately

Art. no.
25360
25361

Refill



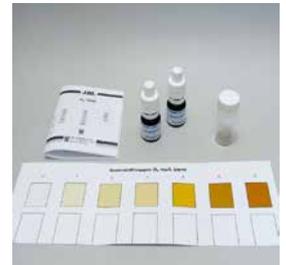
JBL Oxygen Test O₂

Quick test to determine the oxygen content

- Simple and reliable control of water values. Determines the ideal oxygen content in aquariums and ponds
- Quick test for monitoring the aeration: add reagents, read sample value off colour chart
- When to use: once a week in newly set up aquariums
- Online Laboratory: regular control for a healthy aquarium/pond with conditions close to nature
- Package contents: 1 quick test, Oxygen Test O2 for approx. 50 measurements, incl. reagents, glass vial and colour chart

Art. no.
25406
25407

For
50 tests
Refill



JBL CO₂/pH Permanent Test Set

Permanent test to determine the acidity/carbon dioxide content

- Simple and reliable control of the water values. Permanent direct measurement of the pH value and CO₂ content in aquariums
- Permanent test to monitor fertilisers: Attach with suction cups to the aquarium pane. Compare with colour scale label
- Indication of pH value (6.4 – 7.8) and CO₂ content
- Online Laboratory: regular control for a healthy aquarium with conditions close to nature.

Art. no.
25392
25393

For
9-12 mon
Refill





JBL CO₂ Direct Test Set

Quick test to determine the carbon dioxide content

- Simple and reliable control of the water values. Determines the optimal carbon dioxide content in aquariums
- Colour change test: add reagent drop by drop until the colour changes. Number of drops = carbon dioxide content
- To use: in case of green algae problems, non-growing plants or fish mortality: once a week
- Online Laboratory: regular control for a healthy aquarium with conditions close to nature

Art. no.
25416
25417

For
Refill



JBL Copper Test Cu

Quick test to determine the copper content

- Easy and reliable control of water values. Determines copper value to monitor heavy metals in the aquariums & ponds
- Laboratory comparator system to compensate the inherent water colouring: colour chart to read off the sample water and reagent in the holder
- To use: for setting up a new aquarium: 1 x after setting up or in case of fish or shrimp mortality.
- Online Laboratory: regular control for a healthy aquarium/pond with conditions close to nature.

Art. no.
25404
25405

For
50 tests
Refill



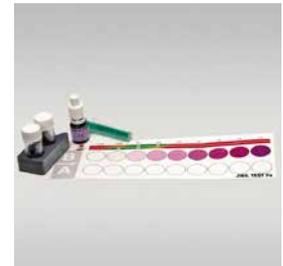
JBL Iron Test Fe

Quick test to determine the iron content in the water

- Easy monitoring of the water values. Helps determine the ideal iron content, checks the fertilisation in aquariums/ponds
- Laboratory comparator system to compensate the inherent water colouring: colour chart to read off the sample water and reagent in the holder
- Duration of use: for setting up a new aquarium: 1 x after setting up or once a week if plants are not growing well
- Online Laboratory: regular control for a healthy aquarium/pond with conditions close to nature.

Art. no.
25390
25391

For
50 tests
Refill



JBL Silicate Test SiO₂

Quick test to determine the silicate content

- Simple and reliable monitoring of the water values. Determines silicic acid content to monitor diatoms in the aquarium
- Laboratory comparator system to compensate inherent water colouring: colour chart to read off sample water + reagent
- To use: when setting up a new aquarium: 1x after setting up. In case of problems with diatoms
- Laboratory comparator system to compensate inherent water colouring: colour chart to read off sample water and reagent.

Art. no.
25353
25354

For
50 tests
Refill



JBL Ammonium Test NH₄

Quick test for the determination of ammonium/ammonia

- Controls the water values in aquariums & ponds easily and reliably. Determination of ammonium/ammonia values in water
- Laboratory comparator system to compensate the inherent water colouring: read sample water and reagent in the holder off the colour chart
- When to use: for setting up a new freshwater aquarium: 10 x daily. Initial setup with marine water: 1 x per week
- Online Laboratory: regular control for a healthy aquarium/pond with conditions close to nature.

Art. no.
25365
25366

For
50 tests
Refill



JBL Nitrite Test NO₂

Quick test for the determination of the nitrite content

- Simple and reliable control of water values. Determination of nitrite value for the filter control in aquariums & ponds
- Labor-Komparatorsystem zum Ausgleich von Wassereigenfärbung: Probewasser und Reagens in Halter auf der Farbkarte ablesen
- When to use: for setting up a new freshwater aquarium: daily for 3 weeks. For initial setup with marine water: once a week.
- Online Laboratory: regular control for a healthy aquarium/pond with conditions close to nature.

Art. no.
25370
25371

For
50 tests
Refill



JBL Nitrate Test NO₃

Quick test to determine the nitrate content

- Simple and reliable control of the water values. Determines the ideal nitrate values in aquariums & ponds
- Laboratory comparator system to compensate the inherent water colouring: read sample water and reagent in the holder off the colour chart
- When to use: for setting up a new freshwater aquarium: once a week. For initial setup with marine water: once a week.
- Online Laboratory: regular control for a healthy aquarium/pond with conditions close to nature

Art. no.
25375
25376

For
50 tests
Refill



care products > Water test > Test sets and refills



JBL Phosphate Test sensitive
Quick test to determine the phosphate content

- Controls the water values simply and reliably. Determines the phosphate value to control algae in aquariums & ponds
- Laboratory comparator system to compensate the inherent water colouring: read sample water and reagent in the holder off the colour chart
- To use: when setting up a new freshwater aquarium: once a week, in case of green algae problems
- Online Laboratory: regular control for a healthy aquarium/pond with conditions close to nature.

Art. no.
25408
25409

For
 50 tests
 Refill



JBL K Potassium Test Set
Quick test to determine the potassium content

- Simple and reliable control of water values. Checks the aquarium fertilisation by determining the ideal potassium value
- Quick test: fill turbid sample water into cuvette until the underlying cross is no longer visible = K in mg/l
- Use with diatom problems
- Online Laboratory: regular control for a healthy aquarium with conditions close to nature.
- Package contents: 1 quick test for K Potassium for approx. 25 measurements, incl. reagents, special glass vials, syringe, spoon

Art. no.
25411
25412

For
 25 Tests
 Refill



JBL Mg Magnesium Test Set Freshwater
Quick test for the determination of the magnesium content

- Simple and reliable control of water values. Determines the ideal magnesium content to check the fertilisation in aquariums
- Laboratory comparator system to compensate the inherent water colouring: colour chart to read off the sample water and reagent in the holder
- Use in case of problems with plant growth
- Online Laboratory: regular control for a healthy aquarium with conditions close to nature.
- Package contents: 1 quick test, Mg Magnesium for approx. 60 measurements. Incl. reagents, glass vials, syringe, comparator block

Art. no.
25414
25415

For
 60 tests
 Refill



care products > Water test > test sets & refills saltwater



JBL Calcium Test Set Ca
Quick test for the determination of the calcium content

- Simple and reliable control of the water values. Determination of the optimal calcium value for a magnificent coral growth.
- Easy to use: fill plastic cuvette with sample water, add the reagents
- For healthy corals – number of measurements depends on the level of the calcium content.
- Online Laboratory: regular control for a healthy aquarium with conditions close to nature.
- Package contents: 1 quick test, Calcium Test Set Ca. Incl. 3 reagents, plastic cuvette, syringe, dosing spoon

Art. no.
25400
25401

Refill



JBL Magnesium/Calcium Test
Quick test for the determination of the magnesium/calcium content

- Simple and reliable control of water values. Determines the calcium value for magnificent growth of corals.
- Easy to use: carry out the magnesium test and the calcium test, subtract the Ca result from the Mg result = Mg content.
- For healthy corals – number of measurements depends on the height of the calcium content.
- Online Laboratory: regular control for a healthy aquarium with conditions close to nature.

Art. no.
25402
25403

Refill



JBL Testlab Marin
Professional test case for the analysis of saltwater

- Simple control of the water values in marine aquariums. pH, KH, Ca, Mg, Cu, NH4, NO2, NO3, PO4, SiO2, O2
- Easy to use: syringe for exact measurement of the water quantity, detailed instructions for use
- Laboratory comparator system to compensate the inherent water colouring, analysis record sheet, instructions
- Child-proof reagent bottles, water-proof plastic case, refillable kit
- Package contents: 1 test case for seawater, incl. reagents, cuvettes, syringes, thermometer, comparator block

Art. no.
25503

New with oxygen test!



Great Barrier Reef JBL Expedition Australia





JBL Test Combi Set plus Fe

Test case for water values + iron test

- Simple and reliable control of the water values. Determination of: pH value, carbonate hardness, iron, nitrite, nitrate.
- Easy to use: syringe for exact measurement of the water quantity, detailed instructions for use
- Laboratory comparator system to compensate the inherent water colouring, analysis record sheet, instructions, CO2 table
- Child-proof reagent bottles, water-proof plastic case, refillable kit
- Package contents: 1 test case for planted aquariums, reagents, cuvettes, syringe, spoon, comparator block, colour charts

Art. no.
25500



JBL Test Combi Set Plus NH₄

Test case for water values + ammonium test

- Simple and reliable control of the water values. pH value, carbonate hardness, nitrite, nitrate and ammonium/ammonia.
- Easy to use: syringe for exact measurement of the water quantity, detailed instructions for use
- Laboratory comparator system to compensate the inherent water colouring, analysis record sheet, instructions, CO2 table
- Child-proof reagent bottles, water-proof plastic case, refillable kit
- Package contents: 1 test case for planted aquariums. Incl. reagents, cuvettes, syringe, spoon, comparator block

Art. no.
25510



JBL Testlab

Test case with 12 tests for freshwater analysis

- Easy control of the water values. pH, KH, GH, phosphate, nitrite, nitrate, iron, silicate, ammonium/ammonia
- Add reagents to water samples, compare with colour charts, read values and evaluate using scale
- Labor-Komparatorsystem zum Ausgleich von Wassereigenfärbung, Analyseprotokoll, Anleitung zur Problemlösung, CO2-Tabelle
- Child-proof reagent bottles, water-proof plastic case, refillable kit
- Package contents: 1 test case for planted aquariums. Incl. cuvettes, syringes, spoons, thermometer, comparator block

Art. no.
25502



JBL Testlab ProScope

Test case for water analysis

- Simple control of water values. pH, KH, CO₂-direct, Fe, Mg, K, PO₄, NO₃ & SiO₂
- Add reagents to water samples, compare with colour charts, read values and evaluate using scale
- Laboratory comparator system to compensate the inherent water colouring, analysis record sheet, instructions, CO2 table
- Child-proof reagent bottles, water-proof plastic case, refillable kit
- Contents: 1 test case for planted aquariums. Incl. cuvettes, syringes, dosing spoons, thermometer, comparator block

Art. no.
25511



JBL Testlab Marin

Professional test case for the analysis of saltwater

- Simple control of the water values in marine aquariums. pH, KH, Ca, Mg, Cu, NH₄, NO₂, NO₃, PO₄, SiO₂, O₂
- Easy to use: syringe for exact measurement of the water quantity, detailed instructions for use
- Laboratory comparator system to compensate the inherent water colouring, analysis record sheet, instructions
- Child-proof reagent bottles, water-proof plastic case, refillable kit
- Package contents: 1 test case for seawater, incl. reagents, cuvettes, syringes, thermometer, comparator block

Art. no.
25503



New with oxygen test!



JBL TestCombi Set Marin

Starter test kit for marine aquariums

- 6 water tests for an easy and precise determination of the most important water values in saltwater
- Add colour indicator and compare on colour chart or count the drops until the colour changes
- Contains tests for carbonate hardness, pH value, ammonium, nitrite, nitrate and phosphate
- Comparator system facilitates the colour comparison and takes the inherent water colouring into account

Art. no.
25513



NEW



Glen Helen JBL Expedition Australia



care products > Water test > Test strips



JBL EasyTest 6in1

Test strips for quick aquarium water testing

- Test strips for testing 6 important water values in 1 minute: quick test for aquarium, pond, well and tap water
- Easy to use: dip into the water for 2-3 seconds, take it off, drain off in a horizontal position. Compare after 1 minute
- Determination of following values; chlorine, acidity (pH), general hardness (GH), nitrite (NO₂), nitrate (NO₃) and carbonate hardness (KH)
- Quick test to outline the water conditions – orientation test in 1 minute
- Package contents: 1 x test strips EasyTest 6 in 1 with colour scale. Contents: 50 test strips.

Art. no.
25339

For
50 tests



JBL Display EasyTest 6in1

Fully equipped sales display

- Attractive sales display for a special or secondary placement in the outlet
- The display contains: 35 x JBL EasyTest 6in1
- Dimensions: 29 x 39.5 x 28.5 cm
- Package contents: 35 x JBL EasyTest 6in1, display, header

Art. no.
25338



care products > Water test > ProScan



JBL ProScan

Water test with analysis via smartphone

- Water analysis and diagnosis via smartphone: easy control of the values. GH, KH, pH, NO₂, NO₃, Cl and CO₂ calculation
- The new generation of analysis: download app, insert strip, position on colour chart, scan, read values
- Fast diagnosis – precise results: test value results are additionally evaluated (good/medium/poor)
- Compatible with iPhone and iPad: iOS 5.0 or higher, Android 4.0 or higher and a camera with autofocus needed

Art. no.
25420

Content
24 Tests



JBL ProScan Recharge

Refill analysis strips for analysis via smartphone

- Water analysis and diagnosis via smartphone: easy control of the values. GH, KH, pH, NO₂, NO₃, Cl and CO₂ calculation
- The new generation of analysis: download app, insert test strip, position strip on colour chart, scann, read values
- Fast diagnosis – precise results: test value results are additionally evaluated (good/medium/poor)
- Compatible with iPhone and iPad: iOS 5.0 or higher, Android 4.0 or higher and a camera with autofocus needed
- Contents: 1 pack ProScan Recharge with 24 water analysis strips

Art. no.
25421

Content
24 Tests



JBL Display ProScan + Recharge

Fully equipped sales display

- Attractive sales display for a special or secondary placement in the outlet
- The display contains: 12 x JBL ProScan, 7 x JBL ProScan Recharge
- Dimensions: 29 x 39.5 x 28.5 cm
- Package contents: 12 x JBL ProScan, 7 x JBL ProScan Recharge, display, header

Art. no.
25425



care products > Water test > water tests accessories



JBL Tray for cuvettes Cal

To keep the cuvettes stable during the calibration

- The cuvettes, required for the calibration, can be put into this tray to make sure that they are safely fixed
- Imprints on the surface of the tray help orientation during the calibration
- The fourth opening holds the electrode
- Waterproof plastic material
- This tray for cuvettes and one electrode is already included in JBL ProFlora pH Control Touch

Art. no.
61504



Orinoco JBL Expedition Venezuela





JBL AquaEx Set 10-35

Gravel cleaner for nano aquariums

- Elimination of algae and dirt on the aquarium pane: non-scratch glass pane cleaner with 45 cm long aluminium handle
- Easy to use: the Blanki is attached flexibly to the handle. Effortless removal of even the most stubborn algae
- Automatic suction device, cleans places which are difficult to reach: variable adjustment of suction strength, internal diameter 35 mm
- Protective sieve to prevent plants and fish from being sucked in
- Package contents: 1 gravel cleaner Aqua Ex Set. Ø 40 mm, incl. 2 m hose (12/16 mm), 2 hose clips, cockstop

Art. no.
61418

Ø
35 mm

Length
125 mm



JBL AquaEX Set 20-45

Gravel cleaner with automatic suction device

- Siphons food and plant remains (sludge) from the aquarium bottom: with automatic suction device which works at water levels from 10-35cm
- Easy to install: attach to the bucket, activate with shaking movements. Push gravel cleaner into the ground
- Automatic suction device, cleans places which are difficult to reach: variable adjustment of suction strength, internal diameter 40 mm
- Protective sieve to prevent plants and fish from being sucked in
- Package contents: 1 Aqua Ex Set. Size: 20 - 45 cm, Ø 40 mm, incl. 2 m hose (12/16 mm), 2 hose clips, cockstop

Art. no.
61409

Ø
40 mm

Length
330 mm



JBL AquaEx Set 45-70

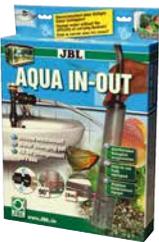
Gravel cleaner with automatic suction device

- Vacuums food and plant remains (sludge) from the aquarium bottom: with automatic suction device at a water level of 20-45 cm
- Easy to install: attach to the bucket, activate with shaking movements. Push gravel cleaner into the ground
- Automatic suction device, cleans places which are difficult to reach: variable adjustment of suction strength, internal diameter 40 mm
- Protective sieve to prevent plants and fish getting sucked in
- Package contents: 1 Ex Set. Size: 45 - 70 cm, Ø 40 mm, incl. 2 m hose (12/16 mm), 2 hose clips, cockstop

Art. no.
61410

Ø
40 mm

Length
530 mm



JBL Aqua In-Out

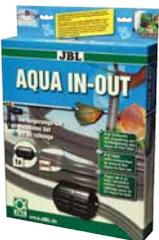
Water changing kit to connect to the water tap

- Vacuums food and plant remains (sludge) from the aquarium bottom: with automatic suction device at a water level of 45-70 cm
- Easy to install: attach to the bucket, activate with shaking movements. Push gravel cleaner into the ground
- Automatic suction device: creates suction caused by the water jet of the water tap (even if aquarium is on lower level)
- Safe to use: End operation by simply closing the stop cock of the hose, protective sieve to prevent fish getting sucked in.
- Package contents: 1 Aqua In Out.

Art. no.
61430

Ø
12/16 mm

Length
8 m



JBL Aqua In-Out Extension

Extension hose for water changing kit Aqua In-Out

- No dragging of buckets, no suction by mouth: water changing kit for aquariums to connect to the water tap
- Easy to install: with adapter for internal threads 22 x 1 and 24 x 1, without adapter for 3/4 inch hose thread
- Extension hose – length: 8 m, diameter: 12/16 mm.
- Safe: includes hose connection with screw clamp connection
- Package contents: 1 extension hose for Aqua In Out, length: 8 m, Ø 12/16

Art. no.
61431

Ø
12/16 mm

Length
8 m



JBL Aqua In-Out water jet pump

For fast and easy water changes in the aquarium

- Just screw it on the water tap and connect it to the aquarium hose for the partial water change.
- Water jet creates suction which siphons off the water from the aquarium.
- Is connected to the hose which siphons off the water from the aquarium by means of a gravel cleaner.
- Can be immediately switched from
- Package contents: 1 water jet pump with hose connector for 12/16 mm hose

Art. no.
61433





JBL Floaty II

Floating glass cleaning magnet

- Convenient and effective cleaning for aquarium panes with max 6 mm thick glass: cleaning magnet with floating internal element
- Use: float the internal element on the water at the edge of the tank, attract the internal part with the external element
- Convenient to use: accesses hard-to-reach spots by means of protruding cleaning edge, use without getting your hands wet
- Patented edge protection: bevelled edges protect the aquarium's silicone seals
- Floating internal element: no scratches caused by trapped gravel stones from the aquarium bottom

Art. no.
61376 For glass 6 mm
61377 10 mm
61378 15 mm

Size
 S
 M
 L



JBL Floaty S Acryl

Floating glass cleaning magnet

- Germ-free aquariums, terrariums and equipment: disinfectant for use after outbreaks of incurable diseases
- Use: dissolve the powder in water to produce the disinfectant lye. Follow the instructions.
- Patented edge protection: protection of silicone seals, swimming internal element: no scratches caused by trapped gravel stones
- Convenient to use: accesses hard-to-reach spots by means of protruding cleaning edge, use without getting your hands wet
- Package contents: 1 floating glass cleaning magnet

Art. no.
61370 For glass 4 mm

Size
 mini



JBL Nano-Floaty

Floating mini glass cleaning magnet

- Cleaning of aquariums with acrylic and glass panes up to max. 4 mm thickness: cleaning magnet with floating internal element
- Easy to use: pull the inner part with the external element: Clean with circular movements
- Comfortable to use: protruding cleaning edge makes hard-to-reach places accessible, use without getting your hands wet
- Patented edge protection: protects silicone seals, swimming internal element: no scratches caused by trapped gravel stones
- Package contents: 1 floating glass cleaning magnet

Art. no.
61419 For glass 4 mm



JBL Floaty Shark

Floating glass cleaning magnet

- Cleans aquarium panes with max. 20 to 30 mm thickness: cleaning magnet with floating internal element
- Easy to use: external element pulls the internal part. Cleans with circular motions
- Patented edge protection: protection of silicone seals, floating internal element: no scratches caused by trapped gravel stones
- Convenient to use: accesses hard-to-reach spots, blade insert for stubborn deposits, use without getting your hands wet
- Package content: 1 floating glass cleaning magnet

Art. no.
61374 For glass 20-30 mm



JBL Floaty Blade

Floating glass cleaning magnet with blade

- Cleans aquarium panes from 8 to 15 mm thickness: cleaning magnet with blade and floating internal element
- Easy to use: external element pulls the internal part. Cleans with circular motions
- Patented edge protection: protection of silicone seals, swimming internal element: no scratches caused by trapped gravel stones
- Convenient to use: accesses hard-to-reach spots, blade insert for stubborn deposits, use without getting your hands wet
- Package contents: 1 floating glass cleaning magnet

Art. no.
61352 For glass 15 mm
61350 25 mm

Size
 L
 XL



JBL Blade 2x (Floaty L/XL)

Spare blades for Floaty Blade

- Cleaning aquarium panes: blunt spare blades for Floaty Blade L and XL to tackle stubborn deposits
- Easy to use: The external element pulls the internal element. Clean with circular movements
- No risk of injury because the blades are blunt
- Suitable for Floaty Blade L und XL
- Contents: 1 x spare blades for Floaty Blade, Blade 2 x (Floaty L/XL)

Art. no.
61351 Width 67 mm



JBL Algae Magnet

Magnetic glass cleaner for 6 mm thick aquarium panes

- Cleans the aquarium glass without getting your hands wet: magnetic cleaner to remove algae for panes of 6 mm thickness
- Attach magnetic parts facing each other on inside and outside of aquarium pane and remove algae with circular movements
- Easy handling: sturdy grip with grip recess
- Strong magnets for good adhesion and quick cleaning.
- Package contents: 1 magnetic glass cleaner, Algemagnet S

Art. no.
61291 For glass 6 mm
61292 10 mm
61293 15 mm

Size
 S
 M
 L





JBL Aqua-T Handy angle
Angled glass pane cleaner with stainless steel blade

- Effortless removal of stubborn deposits on the aquarium pane: 15° angled glass pane cleaner with stainless steel blade
- Easy handling thanks to 30 cm long sturdy grip: blade width 7 cm
- Safe: protective cap against injuries when not in use. No damage to the aquarium's silicon seal
- Spare blades available separately
- Dimensions: 30 x 8 cm

Art. no.
61522

Length
 300 mm

Width
 80 mm



JBL Aqua-T Handy
Glass pane cleaner with stainless steel blade

- Effortless removal of persistent deposits on the aquarium pane: glass pane cleaner with stainless steel blade
- Easy handling thanks to sturdy grip: blade width 7 cm
- Safe: protective cap against injuries when not in use. No damage to the aquarium's silicon seal
- Spare blades available separately
- Dimensions: 8 x 13.5 cm

Art. no.
61520

Length
 80 mm

Width
 135 mm



JBL Blades for Aqua-T Handy
Spare blades for Aqua-T Handy

- Accessory for Aqua-T Handy: 5 precision blades for the effortless removal of stubborn deposits from aquarium panes
- Easy replacement of the blades within seconds
- Safe: dispenser for new and old blades
- Fits other models with similar blade inserts
- 5 blades in dispenser

Art. no.
61523

Content
 5 pcs.



JBL Aqua-T Triumph
Glass pane cleaner with spare blades and rubber scraper

- Removal of deposits on the aquarium panes: glass pane cleaner with stainless steel blade and rubber scraper (= protective cap)
- Comfortable grip thanks to wide blade: 14 cm
- Safe: rubber scraper serves as protection cap, no damage to the aquarium's silicon seal
- Spare blades available separately
- Spare blades and rubber scraper

Art. no.
61521

Width
 140 mm



JBL Blades for Aqua-T Triumph
Spare blades for Aqua-T Triumph

- Accessory for Aqua-T Triumph: 5 precision blades for the effortless removal of stubborn deposits from aquarium panes
- Easy replacement of the blades within seconds
- Safe: precision blades in safety box
- Also fits other models with similar blade insert
- 5 blades in safety box

Art. no.
61524

Content
 5 pcs.



JBL Blanki
Non-scratch aquarium glass pane cleaner

- Cristal-clear aquarium and terrarium panes: cleaning cloth and sponge to remove algae and dirt
- Easy to handle: sponge to remove dirt from the inner part of the pane, cloth for the external cleaning
- Safe and optimal for children: chemically neutral, no blades, non-rust
- Note: not suitable for plastic panes, keep the sponge cushion free of sand
- Package contents: 1 non-scratch aquarium glass pane cleaner

Art. no.
61360



JBL Blanki Set
Non-scratch aquarium glass pane cleaner with handle

- Removes algae, lime and other deposits from the aquarium pane within minutes: non-scratch glass pane cleaner
- Easy to handle: cleaner with handle – effortless removal of most stubborn algae
- Safe and optimal for children: chemically neutral, no blades, non-rust
- Note: not suitable for plastic panes, keep the sponge cushion free of sand
- Package contents: 1 non-scratch aquarium glass pane cleaner with handle. Incl. handle (45 cm) and cleaning cushion.

Art. no.
61365

Length
 45 cm



care products > Cleaning > sponges & cloths



JBL WishWash

Cleaning cloth and sponge

- Crystal-clear aquarium and terrarium panes: cleaning cloth and sponge to remove algae and dirt
- Convenient to use: sponge for the removal of dirt at the inside of the pane. Cloth to clean the outside
- Soaks up the whipped off dirt: no spreading of dirt in the water
- Free of chemicals, clean sponge/cloth with water up to 60°C.
- Package contents: 1 x cleaning cloth and sponge. Sponge size approx. 100 x 100 x 25 mm, cloth size approx. 400 x 570 mm

Art. no.
61526



JBL Spongi

Cleaning sponge for aquariums and terrariums

- Clean aquarium or terrarium: robust cleaning sponge
- Easy to use: move the sponge over the inner surface of the aquarium pane
- Cleans thoroughly: residue-free sponge
- Neutral material - adds no pollutants to the water
- Dimensions: 11.5 x 9 cm

Art. no.
61380

Length
115 mm

Width
90 mm



JBL ProScape Cleaning Glove

Aquarium glove for cleaning

- Removal of algae growth and deposits: aquarium glove with metal threads for the cleaning of glass panes and objects
- Easy handling: put on glove, clean by rubbing on the desired area
- Cleans all corners, technical items and pumps perfectly
- Easy removal of algae
- Care of glove: rinse in lukewarm water, dry in sun light

Art. no.
61379



care products > Cleaning > accessories cleaning



JBL Clean A

Glass cleaner for the outside of aquarium panes

- Clean aquarium panes: powerful glass cleaner with pump spray head
- Wet the glass pane with glass cleaner, dry it with soft lint-free cloth, if required, repeat the procedure
- Dissolves most stubborn lime-scale
- Safe for fish and plants
- Cleans the outside of all aquariums with the power of nature

Art. no.
61385

Content
250 ml



JBL Desinfekt

Disinfectant for aquariums

- Higher filter performance with clean hoses: double-ended hose brush with highly flexible steel helix
- Easy to use: remove hose, move brush inside the hose, clean about every eight weeks
- Do not use with animals: very powerful bactericidal, fungicidal and virucidal effect, active substance: 100 % chloramine T.
- Package contents for approx. 20 l disinfection solution.
- Package contents: 1 disinfectant, Desinfekt 50g

Art. no.
20091

Content
50 g



Use biocides safely. Always read the labelling and product information before use.



JBL Power Clean

Cleaning solution for CO₂ diffusers and decoration

- Cleans CO₂ diffusers, decorations and heaters thoroughly: 500 ml concentrate for 1000 ml cleaning solution
- Pour cleaning solution over soiled objects, leave to soak overnight, rinse thoroughly
- Effective: removes algae cover and brush algae. Repeated use
- When cleaning decoration for the first time: test first on an inconspicuous area – risk of discolouration
- Can be used several times

Art. no.
63530

Content
500 ml



Orinoco JBL Expedition Venezuela



Overview Fertilisation in the Aquarium

The JBL Engine of Growth for your Plants

The JBL plant care concept leads to sturdy and healthy growth, even with the most demanding of water plants. JBL provides all the components needed for good plant care, ranging from fertilisers, through soil substrates, to the fully automatic CO₂ fertilisation system.

For plant care with results it is important to understand how the individual factors are related, and to know that it only works when ALL these factors are taken into account.



Fertilisers



Nutrient substrate



CO₂-fertiliser systems



JBL Ferropol

Plant fertiliser for freshwater aquariums

- Primary care for water plants: basis fertiliser for freshwater aquariums
- Vigorous plant growth, no deficiency symptoms thanks to minerals such as iron, potassium and other trace elements
- For intensive leaf colouring thanks to its ideal concentration and compound of iron
- Promotes ideal plant growth. No phosphates and nitrates. Not harmful to freshwater crayfish and shrimps
- Use: 10 ml/40 l Wasser

Art. no.	Content	Range
23041	100 ml	400 l
23042	250 ml	1000 l
23043	500 ml	2000 l
20175	5000 ml	20000 l



JBL Ferropol Refill

Plant fertiliser refill pack for freshwater aquariums

- Primary care for water plants: basis fertiliser for freshwater aquariums
- Vigorous plant growth, no deficiency symptoms thanks to minerals such as iron and potassium, and other trace elements
- For intensive leaf colouring thanks to its ideal concentration and compound of iron
- Promotes ideal plant growth. No phosphates and nitrates. Not harmful to freshwater crayfish and shrimps
- To use: 10 ml/40 l water

Art. no.	Content	Range
23045	625 ml	2500 l



JBL Ferropol 24

Daily plant fertiliser for freshwater aquariums

- The daily feed for luxuriant aquarium plants: daily fertiliser for freshwater aquariums
- Ideal, targeted care, provides all the vital trace elements which cannot be provided by long-term fertilisers
- Vigorous plant growth, no deficiency symptoms: ideal supply with essential trace elements
- Optimal promotion of plant growth means less algae growth. No phosphates and nitrates.
- Use: 1 drop daily/50 l water

Art. no.	Content	Range
20180	10 ml	10000 l
20181	50 ml	50000 l



JBL FerroTabs

Plant fertiliser for freshwater aquariums

- Primary care for vigorous plant growth: fertiliser tablets for freshwater aquariums
- Vigorous plant growth, no deficiency symptoms thanks to minerals such as iron, potassium and other trace elements
- Beautiful, intensive leaf colouring thanks to ideal iron concentration
- Optimal promotion of plant growth means less algae growth. No phosphates and nitrates.
- Use: 1 tablet/25 l water every 14 days

Art. no.	Content	Range
20200	30 Tabl.	750 l



JBL The 7 balls

Root fertiliser for freshwater aquariums

- Primary care for plant roots: specially produced clay balls loaded with nutrients, for freshwater aquariums
- Storage capacity for nutrients. No deficiency symptoms: trace elements such as iron, minerals
- Optimal promotion of plant growth means less algae growth. No phosphates and nitrates
- Strong root formation in plants is a sign of high nutrient absorption through the roots

Art. no.	Content	Range
20110	ca 70 g	∅ 20 mm



JBL The 7 + 13 balls

Root fertiliser for freshwater aquariums

- Primary care for plant roots: specially produced clay balls loaded with nutrients, for freshwater aquariums
- Storage capacity for nutrients. No deficiency symptoms: trace elements such as iron, minerals
- Optimal promotion of plant growth means less algae growth. No phosphates and nitrates.
- The stronger the root development of the plant, the better the nutrient absorption through the roots

Art. no.	Content	Range
20111	ca 200 g	∅ 20 mm



JBL Florapol

Long-term nutrient substrate concentrate

- Long-term supply for the substrate: long-term substrate fertiliser for freshwater aquariums
- Contains all important plant nutrients, such as iron and clay, stores nutrients and releases them as required
- Prevents unwanted algae growth by promoting the plant growth optimally. No phosphates and nitrates
- Use when setting up a new aquarium: mix nutrient substrate concentrate with substrate, cover with a layer of washed gravel/sand
- Effective for minimum 3 years

Art. no.	Content	Range
20121	350 g	50-100 l
20123	700 g	100-200 l





JBL AquaBasis plus

Long-term nutrient substrate for freshwater aquariums

- Long-term nutrient substrate for freshwater aquariums
- Contains plant nutrients, such as iron. Clay components store nutrients and release them again, as required
- Prevents unwanted algae growth by promoting the plant growth optimally
- How to use when setting up: cover the nutrient substrate with a layer of rinsed substrate. No gravel mixture needed
- It is best only to insert the nutrient substrate in the aquarium where you plan to put the plants

Art. no.	Content	Range
20212	2,5 l	50-100 l
20210	5 l	100-200 l



JBL Display AquaBasis plus 5 l

Fully equipped sales display

- Attractive sales display for a special or secondary placement in the outlet
- The display contains: 75 x JBL AquaBasis plus 5 l
- Dimensions: 60 x 80 x 100 cm
- Display is on a Düsseldorf pallet (half pallet with 60 x 80 cm) for a better handling in the outlet
- Package contents: 75 x JBL AquaBasis plus 5 l, display, header, pallet

Art. no.	Content
20215	75 Pieces



JBL Manado

Natural substrate for freshwater aquariums

- Ideal for plant care: substrate for freshwater aquariums
- Prevents algae: effective settlement of soil bacteria and optimum root growth due to natural pore structure
- No unwanted pollutants released into the water. Round-shaped granule grains are gentle on sensitive barbels
- High storage capacity: the natural substrate absorbs the surplus nutrients and releases them when required
- Support of the filter due to huge colonisation area for pollutant-degrading bacteria

Art. no.	Content	Range
67021	1,5 l	10 l
67022	3 l	25 l
67023	5 l	50 l
67024	10 l	100 l
67025	25 l	350 l



JBL ProFloraStart Set

Plant fertiliser starter set for freshwater aquariums

- Primary care for plants: fertiliser set for freshw. aquariums with long-term nutrient substr., basic + daily fertiliser
- JBL AquaBasis plus: contains and absorbs plant nutrients (iron, trace elements) and releases them again as required
- Basic fertiliser Ferropol for vigorous plant growth
- No deficiency symptoms: iron and other important trace elements
- Daily fertiliser Ferropol 24 – the daily food for beautiful aquarium plants

Art. no.	Content	Range
20217	3 kg	50-100 l
20218	6 kg	100-200 l



Evgenya Moiseeva

JBL PROSCAPE

Underwater Dreamscapes

In cooperation with the most successful aquascapers the JBL research department developed a complete aquascaping program.

For the simple, professional design and sustainable care of your underwater dreamscapes.



- TOOLS**
- TESTLAB**
- FERTILIZER**
- SOIL**



www.PROSCAPE.de



**VORSPRUNG DURCH
FORSCHUNG**
AHEAD THROUGH RESEARCH





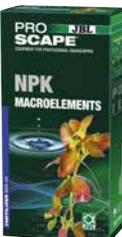
JBL ProScape Fe +Microelements

Basic plant fertiliser for aquascaping

- Primary care for plants: basic fertiliser for aquascaping aquariums
- Dosing is dependent on the intensity of the lighting, CO2 supply and consumption
- Healthy plant growth, prevents deficiency symptoms: with iron and a lot of other trace elements
- Add nitrogen, phosphorus, potassium and magnesium separately. Check with iron, potassium and magnesium tests
- Daily use for high power light aquariums with CO2: 10 ml/100 l, under weak light cond. without CO2: 2 ml/100 l weekly

Art. no.
21111
21112

Content
250 ml
500 ml



JBL ProScape NPK Macroelements

3-component plant fertiliser for aquascaping

- Add. care for plants: suppl. fertiliser with 3 components (nitrogen, phosphorus, potassium) for aquascaping aquariums
- Dosing is dependent on intensity of illumination, CO2 supply and consumption
- Contains nitrogen as nitrate, phosphorus as phosphate, potassium & magnesium for controlled + precise increase of values
- Iron/trace elements should be added separately. Checking with JBL nitrate, phosphate sensitive and potassium tests
- Use: e.g. 6ml/100l daily in high power light aquariums with CO2; 2ml/100l weekly under weak light conditions without CO2

Art. no.
21114
21115

Content
250 ml
500 ml



JBL ProScape N Macroelements

Nitrogen plant fertiliser for aquascaping

- Additional care for plants: supplementary nitrogen fertiliser for aquascaping aquariums
- Dosing is dependent on intensity of illumination, CO2 supply and consumption
- Healthy plant growth, prevents nitrogen deficiency: contains additional potassium, calcium and magnesium
- Checking of dosage with JBL nitrate test
- Use: 2 ml/100l daily for high power light aquariums with CO2; 2 ml/100l weekly under weak light conditions without CO2

Art. no.
21117

Content
250 ml



JBL ProScape P Macroelements

Phosphorus plant fertiliser for aquascaping

- Additional care for plants: supplementary phosphorus fertiliser for aquascaping aquariums
- Use: 2 ml/100 l in high power light aquariums; 1 ml/100 l under weak light conditions
- Thriving plant growth, prevents phosphorus deficiency: contains additional plant-available potassium
- Checking of dosage with JBL phosphate test sensitive
- Use: 2 ml/100 l daily in high power light aquariums with CO2; 2 ml/100 l weekly under weak light conditions without CO2

Art. no.
21118

Content
250 ml



JBL ProScape K Macroelements

Potassium plant fertiliser for aquascaping

- Additional care for plants: supplementary potassium fertiliser for aquascaping aquariums
- Daily use for high power light aquariums with CO2: 10 ml/100 l, under weak light conditions without CO2: 2 ml/100 l weekly
- Healthy plant growth, prevents potassium deficiency
- Checking of dosage with JBL potassium test
- Daily use for high power light aquariums with CO2: 6 ml/100 l, under weak light conditions without CO2: 4 ml/100 l weekly

Art. no.
21120

Content
250 ml



JBL ProScape Mg Macroelements

Magnesium plant fertiliser for aquascaping

- Additional care for plants: supplementary magnesium fertiliser for aquascaping aquariums
- Dosing is dependent on the intensity of the lighting, CO2 supply and consumption
- Healthy plant growth, prevents deficiency symptoms, ideal magnesium values
- Checking of dosage with JBL magnesium test for freshwater
- Daily use for high power light aquariums with CO2: 6 ml/100 l, under weak light cond. without CO2: 2 ml/100 l weekly

Art. no.
21122

Content
250 ml



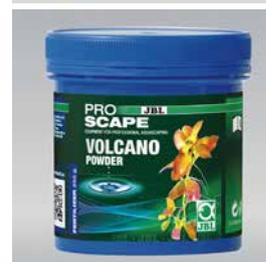
JBL ProScape Volcano Powder

Long-term soil supplement for plant aquariums

- Long-term mineral supply for plant roots: volcanic primary rock powder for aquascaping aquariums
- Use: 250 g/200 l aquarium
- Long-term fertiliser: primary rock powder rich in natural minerals and trace elements
- Depot effect: enriched with macro nutrients for ideal, long-term growth of aquatic plants
- Use: 250 g/200 l aquarium. Sprinkle in and cover with the final soil layer

Art. no.
67088

Content
250 g





JBL ProFlora Bio80 eco
Bio-CO₂ fertiliser system

- Natural CO₂ fertilisation for 40 days: healthy plant growth, less algae. Bio-CO₂ starter set for aquariums from 12-80 l
- Simple to install: ready for use within a few minutes
- Natural: CO₂ production from biological fermentation process. Improvement of plant growth of fine-structured plants
- No pressurised gas cylinder needed, special CO₂ resistant hose
- High yield: steady production of CO₂ for 40 days due to immediate and long-term buffer system, refillable

Art. no.
64449

Range
30-80 l



JBL ProFlora Bio80
Bio-CO₂ fertiliser system with glass diffuser

- Natural CO₂ fertilisation for 40 days: healthy plant growth, less algae. Bio-CO₂ starter set for aquariums from 30-80 l
- Simple to install: ready for use within a few minutes
- Natural: CO₂ production from biological fermentation process. Improvement of plant growth of fine-structured plants
- No pressurised gas cylinder needed, specially insulated CO₂ hose
- High yield: steady production of CO₂ for 40 days due to immediate and long-term buffer system, refillable

Art. no.
64448

Range
30-80 l



JBL ProFlora Bio160
Bio-CO₂ fertiliser system with extendable diffuser

- Natural CO₂ fertilisation for 80 days: healthy plant growth, less algae. Bio-CO₂ starter set for aquariums from 50-160 l
- Simple to install: ready for use within a few minutes
- Natural: CO₂ production from biological fermentation process. Improvement of plant growth of fine-structured plants
- No pressurised gas cylinder needed, special CO₂ resistant hose
- High yield: steady production of CO₂ for 80 days due to immediate and long-term buffer system, refillable

Art. no.
64446

Range
50-160 l



JBL ProFlora BioRefill
Refill set for bio-CO₂ systems

- Refill set for bio-CO₂ fertiliser systems: supplies 30-80 l aquariums with basic plant nutrient carbon dioxide for 40 days
- Easy to use: fill components A and B into the reaction canister, fill up with water, mix the components
- Natural: CO₂ production from biological fermentation process
- Incl. components A and B
- High yield: enough for 40 days

Art. no.
64447



Canaima JBL Expedition Venezuela



NEW



JBL ProFlora u504

CO₂ fertiliser system complete kit for aquarium plants

- CO₂ fertiliser system for the best feeding of fast and slow growing plants in freshwater aquariums from 20 to 400 l
- Professional water care: precise dosing, even release, effective distribution
- Conversion to a refillable cylinder system is possible by screwing on the adapter (JBL Adapt u-m, separately available)
- Best control: bubble counter for CO₂ amount, CO₂/pH permanent test which continuously indicates pH value & CO₂ content
- With: 500g CO₂ cylinder, press. red., 3m hose, bubble counter, diffuser, permanent test, Allen key, 3x liquid fertiliser

Art. no.
60640

Content
500 g

Range
400 l



JBL ProFlora u501

Plant fertiliser system complete kit

- CO₂ fertiliser system for the ideal feeding of fast and slow growing plants
- Assemble system, attach diffuser in aquarium and adjust CO₂ supply until the permanent test indicates the ideal value
- Conversion to a refillable cylinder system is possible by screwing on the adapter (JBL Adapt u-m, separately available)
- Best control: bubble counter, CO₂/pH test, residual pressure display on pressure gauge
- TÜV tested, fixed hose screw connection, check valve

Art. no.
63181

Content
500 g

Range
400 l



JBL ProFlora u502

Plant fertiliser syst. (dispos.) with night switch-off

- CO₂ fertiliser system for the ideal feeding of fast and slow growing plants
- Assemble system, attach diffuser in aquarium and adjust CO₂ supply until the permanent test indicates the ideal value
- Professional plant care with night switch-off: precise dosing, even release, effective distribution
- Best control: bubble counter, CO₂/pH test, residual pressure display on pressure gauge
- TÜV tested, overpressure relief, night switch-off due to solenoid valve, fixed hose screw connection, check valve

Art. no.
63182

Content
500 g

Range
600 l



JBL ProFlora u403

CO₂ plant fertiliser system with disposable bottle

- Optimal feeding of fast and slow growing plants for aquariums from 40 to 400 l (max. 120 cm)
- Automatic CO₂ supply using pH control computer. Precise dosing, Ideal CO₂ supply
- Best CO₂ amount control with bubble counter. Residual pressure display on pressure gauge
- No slipping of hose, no water enters the cylinder
- CO₂ cylinder, pH computer, hose, pressure reducer, diffuser, bubble counter, calibration kit, KH test, fertiliser

Art. no.
63028

Content
500 g

Range
400 l



JBL ProFlora u500

Disposable CO₂ storage cylinder

- Ideal feeding for fast and slow growing plants
- Easy to install: screw pressure regulator fitting with rearward internal thread onto external storage cylinder thread
- Disposable cylinder, ready-filled with carbon dioxide, non-refillable
- Maximum safety: free-standing disposable storage cylinder. Tested to 165 bar
- Pressure indication through pressure gauge

Art. no.
64451

Content
500 g



JBL ProFlora u500 (3x)

CO₂ disposable storage cylinder

- Ideal feeding for fast and slow growing plants
- Easy to install: screw pressure regulator fitting with rearward internal thread onto external storage cylinder thread.
- Disposable cylinder, ready-filled with carbon dioxide, non-refillable
- Maximum safety: free-standing disposable storage cylinder, tested to 165 bar
- Pressure indication through pressure gauge

Art. no.
64452

Content
3x500 g



JBL ProFlora u001

Pressure reducer

- Reliable and exact CO₂ dosing for aquariums: precision pressure reducer for disposable CO₂ cylinders.
- Easy to use: screw on the pressure reducer, connect it with diffuser, adjust the bubble count
- Precision needle valve: exact adjustment of bubble count, preadjusted working pressure (readjustment possible)
- Safe to use: excess pressure safety valve, highest reliability: diaphragm controlled pressure reducer
- Cylinder pressure regulation from 60 to 1.5 bar.

Art. no.
64453





JBL ProFlora Adapt u-m
Conversion adapter for the change over from disposable to refillable cylinder system

- Problem-free change over from disposable to refillable cylinders
- Quick and easy installation: screw adapter onto pressure reducer, finished!
- The conversion can be reversed at any time
- Suitable for CO2 pressure reducer JBL u001
- Set contains 1 x adapter union nut

Art. no.
64454



JBL ProFlora Adapt u201-u500
Adapter for pressure reducer

- Adapter for pressure reducers on disposable cylinders with different sizes
- Simple assembly: screw the adapter onto the pressure reducer and then onto the CO2 cylinder.
- Enables the pressure reducer to be screwed onto normal CO2 disposable cylinders.
- Dimensions (L/H/W) 96/140/20 mm
- From u 201 to u 500

Art. no.
64521



JBL ProFlora u95
Disposable CO₂ cylinder

- Best feeding of fast and slow growing plants in small aquariums
- Screw pressure regulator fitting with rearward internal thread onto the external thread of the storage bottle
- Disposable cylinder, ready-filled with carbon dioxide. Non-refillable. Suitable for fertiliser system JBL ProFlora u201
- Maximum safety: tested to 275 bar
- Height: 17.5 cm, Ø 4 cm

Art. no. Content
63050 95 g



How to guarantee healthy plant growth:

Plants “function” according to the law of minimum, something the naturalist, Carl Sprengel, already recognised in 1828 and Justus Liebig then expanded and popularised in 1895. This law of nature can help us understand and eliminate plant growth problems in aquarium keeping.

The law states that plants can only grow to the extent that the resource which is present at a minimum permits. For example, if a plant receives all of the necessary resources such as minerals, light and CO₂, but only a little water, the lack of water will limit the growth of the plant.

In contrast with nature, there is an overabundance of nutrients like nitrates and phosphates in most aquariums. Instead, aquariums tend to have a lack of minerals or CO₂. Plants will only be able to grow better if the limiting factors are supplemented!

Sunlight simulating light with the **JBL SOLAR** full-spectrum tubes

Essential minerals with the basic fertiliser, **JBL FerroPol** (or as a concentrate: **JBL FerroTabs**) Sensitive trace elements that cannot be fertilised ahead can be supplied by **JBL FerroPol 24**

Supplies the primary nutrient, carbon dioxide: **JBL ProFlora CO₂ fertiliser systems**

Long-term nutrient deposits for plant roots with **JBL AquaBasis plus** or as a concentrate with **JBL Florapol**

The ideal ground for robust root growth: **JBL Manado**

Perfect perfusion of the ground as a result of heat circulation with the ground heating cable, **JBL ProTemp b**



JBL ProFlora m501

Plant fertiliser system complete kit

- CO2 fertiliser system for the best feeding of fast and slow growing plants
- Assemble system, attach diffuser in the aquarium and adjust CO2 supply until permanent test indicates the ideal value
- Professional water care: precise dosing, even release, effective distribution
- Best check: bubble counter with magnifying part, CO2/pH test, residual pressure display on pressure gauge
- TÜV tested, overpressure relief, stand prevents it from falling over, fixed hose screw connection, check valve

Art. no.
63183

Range
400 l



JBL ProFlora m502

Plant fertiliser system (refillable system) with night switch-off

- CO2 fertiliser system for the best feeding of fast and slow growing plants
- Assemble system, attach diffuser in the aquarium and adjust CO2 supply until permanent test indicates the ideal value
- Professional water care with night switch-off: precise dosing, even release, effective distribution
- Best control thanks to bubble counter, residual pressure display on pressure gauge

Art. no.
63184

Range
600 l



JBL ProFlora m503

Plant fertiliser system with pH control

- CO2 fertiliser system with pH control for the best feeding of fast and slow growing plants
- Easy and efficient to use: simple assembly, no separate water pump required. Can be converted into disposable system
- Professional water care with pH and CO2 control: precise dosing, even discharge, effective distribution
- Best check: bubble counter with backflow stop, residual pressure display on pressure gauge

Art. no.
63185

Range
600 l



JBL ProFlora m2003

Plant fertiliser syst. + 2 kg cylinder/pH controller

- CO2 fertiliser system with pH control device for the optimal feeding of fast and slow growing plants
- Easy use and efficient: simple assembly, no separate water pump required, convertible into disposable system
- Professional water care with pH and CO2 control: exact dosing, even release, effective distribution
- Best check: bubble counter with check valve, residual pressure display on pressure gauge
- TÜV tested, overpressure relief, fixed hose screw connection, check valve

Art. no.
63186

Range
1000 l



JBL ProFlora m500 SILVER

Refillable storage cylinder with CO₂

- Best feeding for fast and slow growing plants
- Easy to use and effective: refillable 500 g cylinder.
- Refillable storage cylinder, ready filled with carbon dioxide – refillable.
- TÜV tested, pressure cylinder with overpressure relief. A stand is required to ensure a steady position
- With external international valve (W 21.8 x 1/14)

Art. no.
63053

Content
500 g



JBL ProFlora m2000 SILVER

Refillable storage cylinder with CO₂

- Ideal feeding for fast and slow growing plants
- Easy to use and effective: refillable 2 kg reusable cylinder.
- Suitable for plant fertiliser system JBL m1003
- TÜV tested, pressure cylinder with overpressure relief.
- With external international valve (W 21.8 x 1/14)

Art. no.
63055

Content
2000 g



JBL CO₂ refill service

Refill service for the filling of JBL CO₂ cylinders

- JBL refills professionally and environmentally-friendly all refillable JBL CO₂ storage cylinders
- Cylinders are sealed directly after filling
- WARNING: only possible if TÜV is still valid!
- Only for refillable cylinders (all sizes) of the JBL ProFlora m system
- Cylinders are sent in and refilled, weighed and resealed

Art. no.
63220
63210

Content
500 g
2000 g



With the CO₂ fertilisation system to luxuriant plant growth in the aquarium



① JBL ProFlora storage bottles (JBL ProFlora u500, m500, m2000): They contain compressed carbon dioxide (CO₂), either with 500 g (as disposable or refillable bottles) or 2 kg content.

② JBL pressure reducer (JBL ProFlora m001, u001): To reduce the bottle pressure of 50 bar to the lower working pressure of 1-1.5 bar, the pressure reducer has to be screwed onto the storage bottle. Both displays inform you about the remaining bottle pressure as well as the adjusted working pressure.

③ JBL pressure reducer for 2 aquariums (JBL ProFlora m001 duo): Supplies 2 tanks with CO₂ out of only one storage bottle.

④ JBL adapter (JBL ProFlora Adapt u-m): With the help of this adapter, pressure reducers for the JBL "u" system (disposable) can also be screwed onto refillable cylinders ("m" system). Pressure reducers of the "m" system also fit the disposable cylinders ("u" system) once the connecting nut has been removed.

⑤ CO₂ hose (JBL ProFlora T3): Special hose to transport carbon dioxide.

⑥ High performance direct diffuser for CO₂ (JBL ProFlora Direct): For an economical and direct plant fertilisation: CO₂ diffuser for external filters. Easy to install: connect to hose of external filter. Exact dosing: integrated bubble counter, no water backflow thanks to backflow stop. 20 % CO₂ saving due to an especially effective diaphragm

Carbon dioxide (CO₂) is the main nutrient for ALL plants, and during photosynthesis it is transformed into sugar (nutrient) and oxygen due to the joint influence of light with water. Without a CO₂ fertilising system in the aquarium the CO₂ content is very low and the plant growth is therefore limited.



JBL ProFlora Taifun P



7 Bubble counter with non-return system (JBL ProFlora CountSafe): Helps you count the added CO₂ amount (countable in bubbles) conveniently and accurately. With a built-in check valve against the backflow of water.

8 Night switch-off (JBL ProFlora v002): Cuts off the CO₂ supply at night. This saves 50 % CO₂, because plants only need CO₂ during the lighting phase!

9 pH control unit (JBL ProFlora pH-Control Touch): This pH computer displays the pH value and temperature of your aquarium water. By means of a solenoid valve (JBL ProFlora v002) it automatically controls the CO₂ supply and thus sets the desired pH value. Healthy fish and perfectly growing plants are the result.

10 CO₂ reactor (JBL ProFlora Taifun, Taifun P, Taifun S): The reactor helps the CO₂ gas to dissolve in the water and thus provide nutrition for the plants. No extra pumps are required to operate the JBL reactor.

11 CO₂ permanent direct measurement (JBL Permanent Test CO₂ plus pH): The liquid in the transparent container indicates the pH value and the CO₂ content of the aquarium water through its colouration. Now you can decide whether to increase or reduce the CO₂ supply.

12 Sensors for pH and temperature: Both sensors transmit their measured values to the pH control unit (JBL ProFlora pH-Control Touch).



JBL ProFlora pH-Control Touch

Measurement and control computer for control of CO₂/pH

- Promotes plant growth and leads to lively fish: computer for high-precision calculation and control of optimal pH value
- Enter desired pH value in menu and connect with solenoid valve (not included). Then it automatically regulates pH value
- Digital measurement and control technology: graphic display, direct user interface, separate sensors for pH value and temperature
- Compares desired and actual pH value and controls the CO₂ supply with solenoid valve (not included)

Art. no.
63187



JBL pH-Sensor+Cal

pH electrode with BNC connection

- Robust quality electrode for JBL pH-Control and other pH measuring and control devices with a BNC connection
- Easy to connect: connect the electrode to the measuring or control device (not included)
- Large protective cap filled with storage solution, plastic shaft and gel filling
- Individually tested and documented, service life approx. 2 years
- Incl. liquids for the calibration and storage of pH sensors

Art. no.
63188



JBL ProFlora Cal

Complete kit for calibration

- Professional use of pH electrodes for aquariums: complete set for the calibration, cleaning and maintenance
- Use: put buffer solutions into cuvettes. Remove electrode from the water. Immerse, rinse according to instructions
- Removal of deposits: No falsification of the pH value: precise measurement due to cleaned electrode
- Safe storage: small bottle with screw cap
- Can be used several times

Art. no.
64456



JBL buffer solution pH 4,0

Calibration solution with pH 4.0 for pH electrodes

- Professional use of pH electrodes for aquariums: liquid for the calibration of electrodes with pH 4.0
- Fill buffer solution into cuvette. Remove electrode from water. Immerse and rinse electrode dry accord. to instructions
- No falsification of the pH value: precise measurement through calibration of the electrode
- Safe storage: small bottle with screw cap. Repeated use
- Suitable for all kinds of pH electrodes. Incl. 2 suction holders

Art. no.
25901

Content
50 ml



JBL buffer solution pH 7,0

Calibration solution with pH 7.0 for pH electrodes

- Professional use of pH electrodes for aquariums: liquid for the calibration of electrodes with pH 7.0
- Fill buffer solution into cuvette. Remove electrode from the water. Immerse and rinse electrode accord. to instructions
- No falsification of the pH value: precise measurement through calibration of the electrode
- Safe storage: small bottle with screw cap. Repeated use
- Suitable for all kinds of pH electrodes.

Art. no.
25900

Content
50 ml



JBL Dest

Distilled water to clean pH electrodes

- Professional use of pH electrodes for aquariums: liquid to clean the electrodes
- To be used after each calibration, before the electrode is dipped in another buffer solution or before it returns to the aquarium
- No falsification of the pH value: clean electrode means precise measurement. Also suitable for water tests
- Safe storage: small bottle with screw cap. Suitable for repeated use.
- Suitable for repeated use

Art. no.
25903

Content
50 ml



JBL storage solution

Cleaning and storage solution for pH electrodes

- Liquid for the cleaning / storage of electrodes. Replaces solutions in the storage caps of pH electrodes
- Easy to use: fill it undiluted into the protective cap of the pH electrode
- Precise measurement due to correct cleaning / storage of the electrode. Contains potassium chloride. Revitalises electrodes
- Safe storage: small bottle with screw cap.
- Repeated use

Art. no.
25902

Content
50 ml





JBL ProFlora Taifun P
Mini CO₂ diffuser for nano freshwater aquariums

- Optimal enrichment with main plant nutrient carbon dioxide: CO₂ diffuser for small freshwater aquariums from 20 up to 400 l
- Suitable for all common CO₂ systems: connect to CO₂ hose, mount diffuser in the aquarium with suction holder
- Even release, effective distribution: special ceramic for small CO₂ bubbles, built-in ceramic diaphragm
- High-quality glass design
- Built-in ceramic diaphragm

Art. no.
64458



JBL ProFlora Taifun S5
Mini CO₂ diffuser for nano freshwater aquariums

- Enrichment of main nutrient carbon dioxide without loss: CO₂ diffuser
- Suitable for freshwater aquariums from 50 to 200 l and min. 20 cm in height
- Easy to install: connect the diffuser to the CO₂ fertiliser system (not included)
- Efficient diffusion: operates without additional pump, no bubble counter required, extendable
- Collection cap to prevent CO₂ loss, sturdy Makrolon, up to max. 200 l at 4 °KH, up to 100 l at 10 °KH

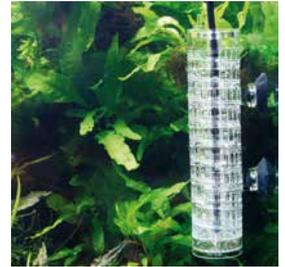
Art. no.
64459



JBL ProFlora Taifun M10
CO₂ high-performance diffuser

- Loss-free enrichment with main plant nutrient carbon dioxide: CO₂ diffuser
- Suitable for freshwater aquariums max. 400 l in volume, min. 30 cm in height
- Easy to install: connect the diffuser to CO₂ fertiliser system (not included)
- Efficient diffusion: operation without separate pump; no separate bubble counter required, extendable
- Collection cap against CO₂ loss, sturdy Makrolon, up to max. 400 l at 4 °KH, up to 200 l at 10 °KH

Art. no.
64460



JBL ProFlora Taifun Extend
Extension for CO₂ high-performance diffuser

- Extension module for CO₂ diffusers for the change to bigger aquariums or for harder water
- Easy integration into the JBL Taifun diffuser
- Extends diffusion path by 50 cm, increase of CO₂ supply: suitable for all common CO₂ systems.
- Sturdy Makrolon, can be completely dismantled, easy to clean, increases capacity by 100 l at 10 °dKH or 200 l at 4 °dKH
- 5 modular parts of 16 mm each in height

Art. no.
64461



JBL ProFlora Direct
High performance direct diffuser for CO₂

- For an economical and direct plant fertilisation: CO₂ diffuser for external filters
- Easy to install: connect to hose of external filter
- Exact dosing: integrated bubble counter
- No water backflow thanks to check valve
- 20 % CO₂ saving due to an especially effective diaphragm

Art. no. For
63339 12/16
63340 16/22
63341 19/25



JBL ProFlora Direct diffusion Membrane
Replacement diaphragm for ProFlora Direct

- Membrane ensures the finest atomization of the CO₂ in the JBL diffuser ProFlora Direct
- Switch off filter, screw on diffuser, change diaphragm, screw diffuser together again
- Finest atomization of the CO₂ in the diffuser, high-quality material
- A yearly replacement of the diaphragm is recommended
- Incl. 2 seal rings

Art. no.
63342





JBL ProFlora v002
Noiseless solenoid valve

- Accessory for CO₂ fertiliser systems or pH control devices: noiseless solenoid valve for the dosing of the CO₂ supply in aquariums
- Easy to use: integrate the solenoid valve into the incoming CO₂ hose of the fertiliser system or install at the pressure reducer
- Precise dosing: set CO₂ level by a timer or with a pH control device (timer and controller not included)
- Hazard-free and economical: 12 V safety transformer, low heat generation thanks to power input of 0.8 W
- Up to 50 % CO₂ savings, no noise emission, electronic power supply

Art. no.
64463



JBL ProFlora m001
Fitting to reduce pressure

- Safe and precise CO₂ dosing for aquariums: precision pressure reducer for refillable CO₂ cylinders
- Easy to use: screw on the pressure reducer, connect it with diffuser, adjust the bubble count
- Precision needle valve: exact adjustment of bubble count, preadjusted working pressure (readjustment possible)
- Safe to use: excess pressure safety valve, highest reliability: diaphragm controlled pressure reducer.

Art. no.
64464



JBL ProFlora m001 duo
Fitting to reduce pressure

- Safe and precise CO₂ dosing for two aquariums: precision pressure reducer with two separate outlets
- Easy to use: screw on the pressure reducer, connect it with 2 diffusers, adjust the bubble count
- Fine needle valve: exact adjustment of bubble count, preadjusted working pressure (readjustment possible)
- Safe to use: excess pressure safety valve, highest reliability: diaphragm controlled pressure reducer.

Art. no.
64465



JBL ProFlora stand
Stand for cylinders of CO₂ fertiliser systems

- Stand for a steady support of CO₂ cylinders for aquariums
- Easy installation without drilling
- For cylinders with a diameter of 60 mm
- Operate CO₂ cylinder in an upright position, danger in a horizontal position: uncontrolled outflow of liquid CO₂
- Material: robust plastic

Art. no.
64467



JBL ProFlora T3
Special hose for CO₂ systems in aquariums

- Accessory for plant fertiliser systems: special CO₂-proof hose for aquariums
- Easy to install: connect hose to the CO₂ system and diffuser (system and diffuser not included)
- Transparent, special CO₂-proof hose
- Loss-free transport of CO₂ gas
- For all common CO₂ systems

Art. no.
64466
63463

Colour
black
clear

Length
3 m
3 m



JBL ProFlora CO₂ Count Safe
Bubble counter with backflow stop

- To adjust the CO₂ level: bubble counter with backflow stop for the exact dosing of the CO₂ supply in the aquarium
- Fill bubble counter with water, connect with hose to CO₂ system/diffuser, fix outside the aquarium
- Easy bubble check: CO₂ bubbles are visible and countable
- No backflow into the CO₂ system thanks to integrated check valve, for all common CO₂ systems
- Reliable hose screw connection prevents accidental loosening of the hoses

Art. no.
64469



JBL ProFlora SafeStop
Water backflow stop for CO₂ systems

- Special water backflow stop for aquarium accessories
- Accessory for CO₂ systems, pH control devices and solenoid valves
- Easy to install: integrate backflow stop between diffuser and CO₂ system with the arrow in the direction to the aquarium
- For CO₂ hoses with Ø 4/6 mm.
- Protects devices such as CO₂ systems, pH controllers and solenoid valves against backflow of aquarium water

Art. no.
64468



Modelled on nature.

The full spectrum of daylight.



IFM-GEOMAR

Leibniz-Institut für Meereswissenschaften
an der Universität Kiel

Daylight spectrum

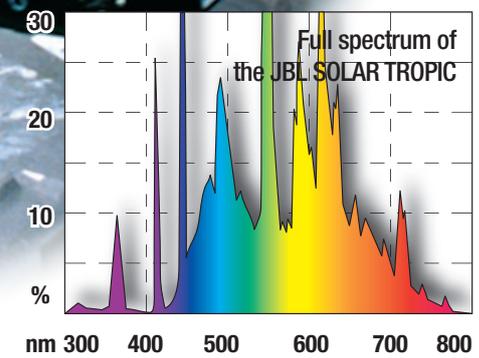
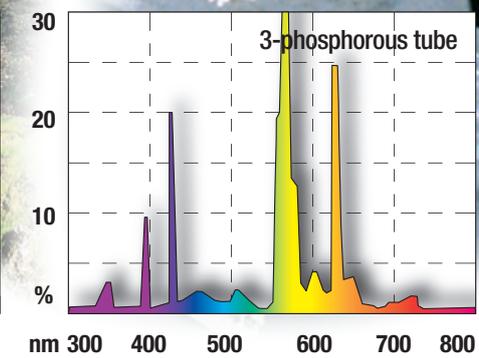
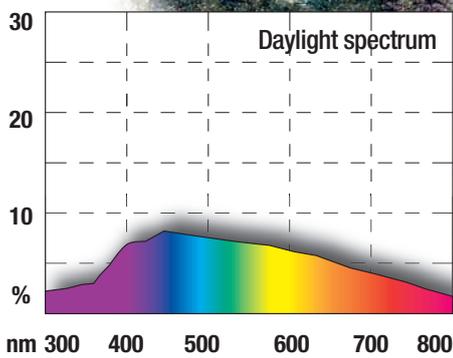
Natural daylight has a balanced system which serves as a model and reference point for aquarium lighting.

3-phosphorous tube

However, regular fluorescent tubes only deliver a limited spectrum, giving a very „patchy“ picture compared to nature.

Full spectrum of the JBL SOLAR TROPIC

Full-spectrum tubes achieve a far more balanced reproduction of natural lighting, providing a lighting environment in your aquarium which closely mimics nature. In order that aquarium lighting meets these high standards set by nature, JBL selects full-spectrum. Why should you settle for less?



„Nature has adapted to this extensive spectrum. The JBL T5 „Natur“ and „Tropic“ luminants show a light range which is similar to that of sunlight. As we wish to use models to simulate the future warming of the climate and examine the effect on the living communities in the sea, these lights from JBL are highly suitable to simulate natural daylight.“
Quote Prof. Dr. Ulrich Sommer IFM-GEOMAR





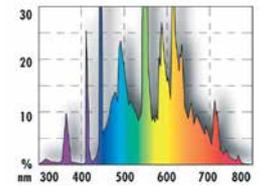
JBL SOLAR TROPIC T8

Sunlight tube for aquarium plants

- Fluorescent tube Solar to promote the optimal plant growth in aquariums
- Easy to install: insert fluorescent T8 tube socket into the fixture and turn until the tube locks into place
- 4000 Kelvin – slightly warm light, colour rendering index 1A, best inhibition of algae: full photosynthetic performance
- Energy efficiency class B. Continuous light spectrum - comparable to natural sunlight
- Life span of 12 months. Incl. reminder label for replacement

Art. no.	Performance	Length
61610	15 W	438 mm
61611	18 W	590 mm
61612	25 W	742 mm
61613	30 W	895 mm
61614	36 W	1200 mm
61615	38 W	1047 mm
61616	58 W	1500 mm

Performance	Length
15 W	438 mm
18 W	590 mm
25 W	742 mm
30 W	895 mm
36 W	1200 mm
38 W	1047 mm
58 W	1500 mm



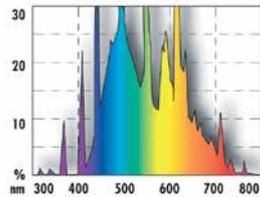
JBL SOLAR NATUR T8

Daylight tube for freshwater aquariums

- Fluorescent tube Solar for fish and plants from sunny waters
- Easy to install: insert fluorescent T8 tube socket into the fixture and turn until the tube locks into place
- Promotes growth of marine algae and corals, best inhibition of algae: full photosynthetic performance
- Energy-efficient: energy efficiency class B. Continuous light spectrum – comparable to natural sunlight
- Life span of 12 months. Incl. reminder label for replacement

Art. no.	Performance	Length
61630	15 W	438 mm
61631	18 W	590 mm
61632	25 W	742 mm
61633	30 W	895 mm
61634	36 W	1200 mm
61635	38 W	1047 mm
61636	58 W	1500 mm

Performance	Length
15 W	438 mm
18 W	590 mm
25 W	742 mm
30 W	895 mm
36 W	1200 mm
38 W	1047 mm
58 W	1500 mm



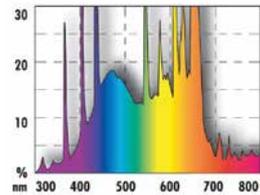
JBL SOLAR COLOR T8

Fluorescent tube for intensive colours

- Fluorescent tube Solar for vibrant colours in freshwater aquariums.
- Easy to install: insert fluorescent T8 tube socket into the fixture and turn until the tube locks into place
- Increased spectral red and blue content creates intensive colours: full colouring of fish and plants
- Energy-efficient: energy efficiency class B. Continuous light spectrum – comparable to natural sunlight
- Life span of 12 months. Incl. reminder label for replacement

Art. no.	Performance	Length
61620	15 W	438 mm
61621	18 W	590 mm
61622	25 W	742 mm
61623	30 W	895 mm
61624	36 W	1200 mm
61625	38 W	1047 mm
61626	58 W	1500 mm

Performance	Length
15 W	438 mm
18 W	590 mm
25 W	742 mm
30 W	895 mm
36 W	1200 mm
38 W	1047 mm
58 W	1500 mm



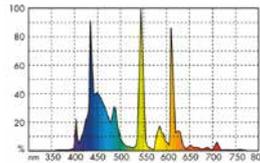
JBL SOLAR MARIN DAY T8

Daylight tube for marine aquariums

- Fluorescent tube to promote the growth of corals and invertebrates
- Easy to install: insert fluorescent T8 tube socket into the fixture and turn until the tube locks into place
- Ideal colour temperature: 15000 Kelvin - cold-white light, high light output, good colour rendering
- Energy-efficient: energy efficiency class B. Continuous light spectrum – comparable to natural sunlight
- Life span of 12 months. Incl. reminder label for replacement

Art. no.	Watt	Length
61600	15 W	438 mm
61601	18 W	590 mm
61602	25 W	742 mm
61603	30 W	895 mm
61604	36 W	1200 mm
61605	38 W	1047 mm
61606	58 W	1500 mm

Watt	Length
15 W	438 mm
18 W	590 mm
25 W	742 mm
30 W	895 mm
36 W	1200 mm
38 W	1047 mm
58 W	1500 mm



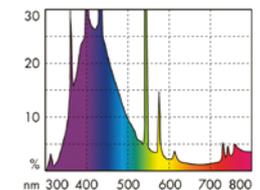
JBL SOLAR MARIN BLUE T8

Blue fluorescent tube Solar

- Fluorescent tube Solar to promote coral growth in marine aquariums
- Easy to install: insert fluorescent T8 tube socket into the fixture and turn until the tube locks into place
- The actinic blue light beautifully emphasizes the luminousness of the corals
- Ideal night lighting to observe nocturnal animals in freshwater aquariums and terrariums
- Incl. reminder label for replacement

Art. no.	Performance	Length
61640	15 W	438 mm
61642	25 W	742 mm
61644	36 W	1200 mm
61645	38 W	1047 mm
61646	58 W	1500 mm

Performance	Length
15 W	438 mm
25 W	742 mm
36 W	1200 mm
38 W	1047 mm
58 W	1500 mm



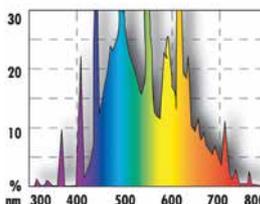
JBL SOLAR REPTIL JUNGLE

Terrarium fluorescent tube for rainforest animals

- For all terrarium animals which, due to their way of life, are only exposed to low UV radiation (e.g. rainforest)
- Light spectrum is adapted to the natural light conditions of rainforest animals.
- Low UV-B proportion of 0.5 %
- Low UV-A proportion of 0.2 %
- Minimum life span 1 year

Art. no.	Performance	Length
61590	15 W	438 mm
61591	18 W	590 mm
61592	25 W	742 mm
61593	30 W	895 mm
61594	36 W	1200 mm
61595	38 W	1047 mm

Performance	Length
15 W	438 mm
18 W	590 mm
25 W	742 mm
30 W	895 mm
36 W	1200 mm
38 W	1047 mm



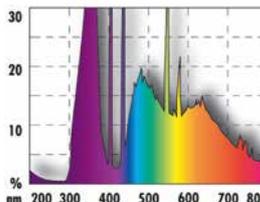
JBL SOLAR REPTIL SUN

Special terrarium fluorescent tube for desert animals

- For all desert animals which are exposed to full sunlight in their natural habitat.
- Light spectrum is adapted to the natural light conditions of desert animals.
- High UV-B proportion (8.0 %)
- High UV-A proportion (36.0 %)
- Minimum life span 1 year

Art. no.	Performance	Length
61650	15 W	438 mm
61651	18 W	590 mm
61652	25 W	742 mm
61653	30 W	895 mm
61654	36 W	1200 mm
61655	38 W	1047 mm

Performance	Length
15 W	438 mm
18 W	590 mm
25 W	742 mm
30 W	895 mm
36 W	1200 mm
38 W	1047 mm





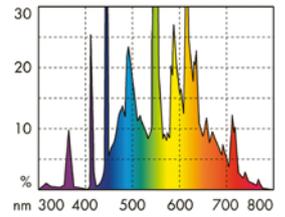
JBL SOLAR TROPIC ULTRA

Sunlight tube for aquarium plants

- Fluorescent tube Solar to promote optimal plant growth
- Easy to install: insert fluorescent T5 tube socket into the fixture and turn until the tube locks into place
- 4000 Kelvin – slightly warm light, colour rendering index 1A, best inhibition of algae: full photosynthetic performance
- Energy efficiency class A. Continuous light spectrum - comparable to natural sunlight
- Life span of 12 months. Incl. reminder label for replacement

Art. no.	Performance
61681	24 W
61682	39 W
61683	54 W
61684	80 W

Length
550 mm
850 mm
1150 mm
1450 mm



JBL SOLAR TROPIC ULTRA

Sunlight tube for aquarium plants

- Fluorescent tube Solar to promote optimal plant growth in aquariums
- Easy to install: insert fluorescent T5 tube socket into the fixture and turn until the tube locks into place
- 4000 Kelvin – slightly warm light, colour rendering index 1A, best inhibition of algae: full photosynthetic performance
- Energy efficiency class A. Continuous light spectrum - comparable to natural sunlight
- Life span of 12 months. Incl. reminder label for replacement

Art. no.	Performance
61761	24 W
61762	28 W
61763	35 W
61764	45 W
61765	54 W
61766	54 W

Length
438 mm
590 mm
742 mm
895 mm
1047 mm
1200 mm



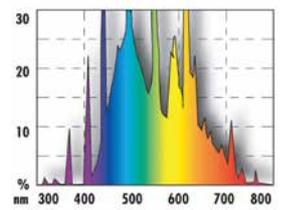
JBL SOLAR NATUR ULTRA

Daylight tube for freshwater aquariums

- Fluorescent tube Solar for fish and plants from sunny waters
- Easy to install: insert fluorescent T5 tube socket into the fixture and turn until the tube locks into place
- Promotes growth of marine algae and corals, best inhibition of algae: full photosynthetic performance
- Energy-efficient: energy efficiency class A. Continuous light spectrum – comparable to natural sunlight
- Life span of 12 months. Incl. reminder label for replacement

Art. no.	Performance
61671	24 W
61672	39 W
61673	54 W
61674	80 W

Length
550 mm
850 mm
1150 mm
1450 mm



JBL SOLAR NATUR ULTRA

Daylight tube for freshwater aquariums

- Fluorescent tube Solar for fish and plants from sunny waters
- Easy to install: insert fluorescent T5 tube socket into the fixture and turn until the tube locks into place
- Promotes growth of marine algae and corals, best inhibition of algae: full photosynthetic performance
- Energy-efficient: energy efficiency class B. Continuous light spectrum – comparable to natural sunlight
- Life span of 12 months. Incl. reminder label for replacement

Art. no.	Performance
61751	24 W
61752	28 W
61753	35 W
61754	45 W
61755	54 W
61756	54 W

Length
438 mm
590 mm
742 mm
895 mm
1047 mm
1200 mm



Orinoco JBL Expedition Venezuela



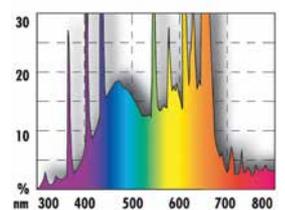
JBL SOLAR ULTRA COLOR

Fluorescent tube for intensive colours in aquariums

- Fluorescent tube Solar for vibrant colours in freshwater aquariums, promotes plant growth.
- Easy to install: insert fluorescent T5 tube socket into the fixture and turn until the tube locks into place
- Increased spectral red and blue content creates intensive colours: full colouring of fish and plants
- Energy-efficient and high yielding: energy efficiency class B.
- Sunlight full-spectrum tube, Ø 1.6 cm, incl. reminder label for replacement, which is recommended for every 2 years

Art. no.	Performance
61792	24 W
61795	39 W
61798	54 W
61800	80 W

Length
550 mm
850 mm
1150 mm
1450 mm



JBL SOLAR COLOR ULTRA

Fluorescent tube for intensive colours

- Fluorescent tube Solar for vibrant colours in freshwater aquariums
- Easy to install: Insert fluorescent T5 tube socket into the fixture and turn until the tube locks into place
- Increased spectral red and blue content creates intensive colours: full colouring of fish and plants
- Energy-efficient: energy efficiency class B. Continuous light spectrum – comparable to natural sunlight
- Life span of 12 months. Incl. reminder label for replacement

Art. no.	Performance
61791	24 W
61793	28 W
61794	35 W
61796	45 W
61797	54 W
61799	54 W

Length
438 mm
590 mm
742 mm
895 mm
1047 mm
1200 mm



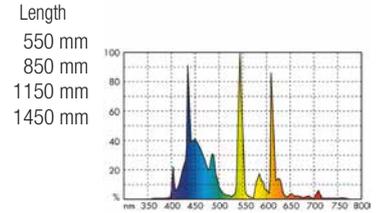


JBL SOLAR MARIN DAY ULTRA standard lengths

Daylight tube for marine aquariums

- Fluorescent tube to promote the growth of corals and invertebrates in marine aquariums
- Easy to install: insert fluorescent T5 tube socket into the fixture and turn until the tube locks into place
- Ideal colour temperature: 15000 Kelvin - cold-white light, high light output, good colour rendering.
- Life span of 12 months. Incl. reminder label for replacement

Art. no.	Performance	Length
61691	24 W	550 mm
61692	39 W	850 mm
61693	54 W	1150 mm
61694	80 W	1450 mm



JBL SOLAR MARINE DAY ULTRA special lengths

Daylight tube for marine aquariums

- Fluorescent tube to promote the growth of corals and invertebrates. For marine aquariums
- Easy to install: insert fluorescent T5 tube socket into the fixture and turn until the tube locks into place
- Ideal colour temperature: 15000 Kelvin - cold-white light, high light output, good colour rendering properties.
- Life span of 12 months. Incl. reminder label for replacement

Art. no.	Performance	Length
61771	24 W	438 mm
61772	28 W	590 mm
61773	35 W	742 mm
61774	45 W	895 mm
61775	54 W	1047 mm
61776	54 W	1200 mm

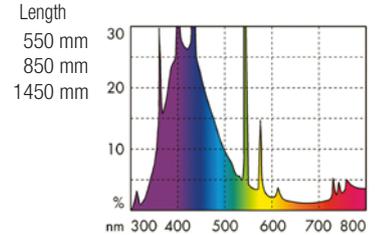


JBL SOLAR MARINE BLUE ULTRA

Blue fluorescent tube for marine aquariums

- Fluorescent tube Solar to promote the coral growth in marine aquariums
- Easy to install: insert fluorescent T5 tube socket into the fixture and turn until the tube locks into place
- The actinic blue light beautifully emphasizes the luminousness of the corals
- Ideal night lighting to observe nocturnal animals in freshwater aquariums and terrariums
- Incl. reminder label for replacement

Art. no.	Performance	Length
61695	24 W	550 mm
61696	39 W	850 mm
61698	80 W	1450 mm

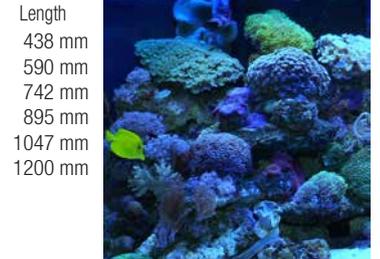


JBL SOLAR MARINE BLUE ULTRA

Blue fluorescent tube for marine aquariums

- Fluorescent tube Solar to promote the coral growth in marine aquariums
- Easy to install: insert fluorescent T5 tube socket into the fixture and turn until the tube locks into place
- The actinic blue light beautifully emphasizes the luminousness of the corals
- Ideal night lighting to observe nocturnal animals in freshwater aquariums and terrariums
- Incl. reminder label for replacement

Art. no.	Performance	Length
61781	24 W	438 mm
61782	28 W	590 mm
61783	35 W	742 mm
61784	45 W	895 mm
61785	54 W	1047 mm
61786	54 W	1200 mm

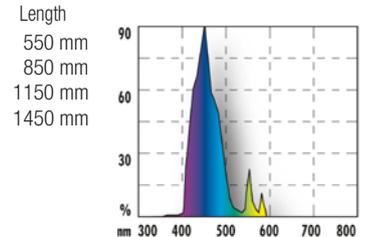


JBL SOLAR OCEAN BLUE ULTRA

Blue T5 fluorescent tube for marine aquariums

- To promote natural colouring in corals, molluscs and other marine aquarium invertebrates
- Easy to install: insert fluorescent T5 tube socket into the fixture and turn until the tube locks into place
- Ideal colour temperature for invertebrates: reproduces impression of deep oceans. Emphasizes and promotes fluorescence.
- Energy-efficient and high yielding: energy efficiency class C.
- T5 fluorescent tube Ø 1.6 cm. Incl. reminder label for replacement, which is recommended for every 2 years

Art. no.	Performance	Length
61881	24 W	550 mm
61884	39 W	850 mm
61887	54 W	1150 mm
61889	80 W	1450 mm

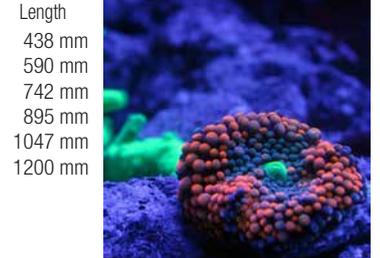


JBL SOLAR OCEAN BLUE ULTRA

Blue daylight tube for marine aquariums

- Special fluorescent tube to promote natural colours. For marine aquariums
- Easy to install: insert fluorescent T5 tube socket into the fixture and turn until the tube locks into place
- Ideal colour temperature: reproduces the impression of deep oceans. Emphasizes and promotes natural fluorescence
- Energy-efficient: energy efficiency class D. Continuous light spectrum – comparable to natural sunlight
- Life span of 12 months. Incl. reminder label for replacement

Art. no.	Performance	Length
61880	24 W	438 mm
61882	28 W	590 mm
61883	35 W	742 mm
61885	45 W	895 mm
61886	54 W	1047 mm
61888	54 W	1200 mm

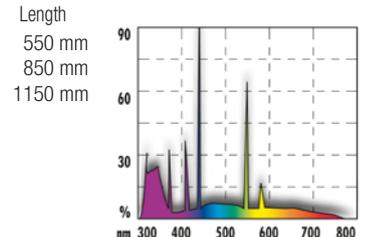


JBL SOLAR REPTIL SUN ULTRA

Special terrarium fluorescent tube for desert animals

- For desert animals and animals which are exposed to full sunlight in their natural habitat
- Full spectrum, equivalent to sunlight – medium daylight
- Facilitates activity, appetite and reproductive behaviour through UV-A, ideal calcium metabolism through UV-B
- Daily operation time 9 to 11 hours
- Minimum life span 1 year

Art. no.	Performance	Length
61597	24 W	550 mm
61598	39 W	850 mm
61599	54 W	1150 mm



Technic > lighting > Solar Reflect T5 + T8



JBL SOLAR Reflect T5 + T8

High-performance reflector panel for fluorescent tubes

- M-shaped reflector panel for fluorescent tubes for the ideal illumination of the aquarium/terrarium
- Easy to install: just press reflector on fluorescent tube
- No light loss at dark inner surfaces of canopies. Turn for individual light alignment
- Safety: plastic corners protect against injury. Corrosion-resistant, robust high-gloss aluminium
- Package contents: reflector panel incl. clips for fluorescent tubes, suitable for fluorescent tubes T8 Ø 2.6 cm and T5 Ø 1.6 cm.

Art. no.	T8/T5	Length
61737	24W	550 mm
61738	39W	850 mm
61734	36W 54W	1200 mm
61736	58W	1500 mm



JBL SOLAR Reflect T5 + T8

Reflector panel for fluorescent tube

- Double reflector panel for fluorescent tubes, for the ideal illumination of the aquarium/terrarium
- Push fluorescent tube into UV-resistant plastic clips. Optimised clip holder for easy change
- Maximum light output, no light loss thanks to optimised shape, dark inner surface and individual light alignment
- Safety: plastic corners protect against injury. Corrosion-resistant, robust high-gloss aluminium
- Suitable for fluorescent tubes T8 Ø 2.6 cm and T5 Ø 1.6 cm.

Art. no.	T8/T5	Length
61730	15W 24W	438 mm
61731	18W 28W	590 mm
61732	25W 35W	742 mm
61733	30W 45W	895 mm
61735	38W 54W	1047 mm



Technic > lighting > accessories lighting



JBL Start Solar

Starter for T8 fluorescent tubes

- Starter to turn on fluorescent tubes in aquariums/terrariums
- Easy to fit: put the starter with half a turn into the socket until it snaps into place
- For the individual operation of fluorescent tubes with T8 socket. Suitable for fluorescent tubes from 4 to 80 watts
- Not suitable for fluorescent tubes switched in tandem
- Dimensions (L/H/W): 96/140/20 mm

Art. no.	For
61701	T-8



JBL Clip Set - SOLAR REFLECT

Holder for fluorescent tubes

- Plastic holders for the attachment to fluorescent tubes. For the optimal illumination of the aquarium/terrarium
- Attach clip at the lower reflector panel, click clip holder at the upper panel to the clip. Fix it by sliding
- Clip made of UV-resistant plastic
- Not suitable for fluorescent tubes switched in tandem
- Dimensions (L/H/W): 96/140/5 mm

Art. no.	For
61707	T-5
61708	T-8



JBL clips T5/T8 (metal)

Metal holder für fluorescent tubes

- Holders to attach fluorescent tubes to the reflectors. For the best illumination of the aquarium/terrarium
- Attach clip at the lower reflector panel, click clip holder at the upper panel to the clip. Fix it by sliding
- Suitable for fluorescent tubes with T8 socket. Not suitable for fluorescent tubes switched in tandem
- Longer lifetime: clips made of galvanised steel.
- Dimensions (L/H/W): 96/140/10 mm. Incl. screws and nuts

Art. no.	For
61705	T-5
61703	T-8



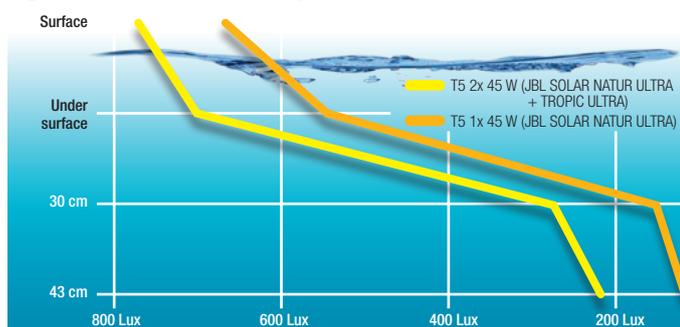
Light measurements in nature and in the aquarium



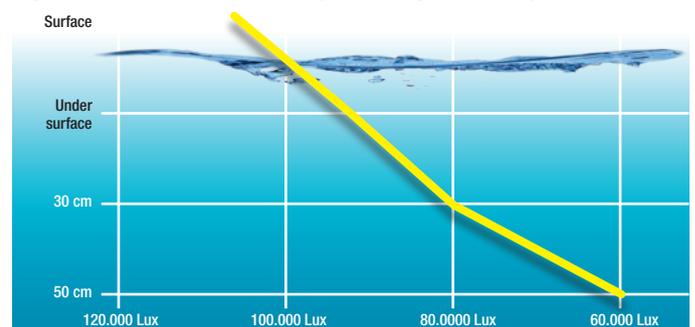
On the JBL expeditions the lux values were measured in various parts of the world, both over and under water, by means of lux meters. As a comparison the JBL research department determined the underwater values in aquariums. The results are sobering. On average the received light energy in aquariums is just about one percent of that in nature. Reflectors double the lux values and although T5 tubes are the same length as T8, they have twice as much luminosity.



Light measurement in the aquarium



Light measurement in nature (Nha Trang / Vietnam)



JBL ProCristal UV-C

Water clarifier for aquarium

Eliminates green water (floating algae) and whitish cloudiness (bacteria) reliably and quickly, using germ-killing UVC radiation. UV light is an entirely physical agent. There are no harmful side effects. Reduces the germ load and reduces the risk of infection. To extend the performance, devices can be joined together by connecting pieces (JBL ProCristal QuickConnect). Very high effectiveness – water flow has a maximum layer thickness of 10 mm. Automatic burner switch-off when opening the device ensures safety. Optional hose connector tails and threads for PVC tube fittings. Strong 2 m rubber cable with protective earth wire and safety plug. 4 year warranty on casing.



JBL ProCristal UV-C 5 W

Water clarifier for aquarium

Aquarium				
recommended pump performance	Cloudiness		Partial degermination	
	l	l/h	l	l/h
	50 till 100	100 till 300	100 till 300	100 till 300

Art. no.	Performance	Length	UP
60365	5 W	37 cm	1



JBL ProCristal UV-C 11 W

Water clarifier for aquarium

Aquarium				
recommended pump performance	Cloudiness		Partial degermination	
	l	l/h	l	l/h
	100 till 200	200 till 500	200 till 800	200 till 500

Art. no.	Performance	Length	UP
60366	11 W	46,5 cm	1



JBL ProCristal UV-C 18 W

Water clarifier for aquarium

Aquarium				
recommended pump performance	Cloudiness		Partial degermination	
	l	l/h	l	l/h
	200 till 400	300 till 500	800 till 1500	300 till 500

Art. no.	Performance	Length	UP
60367	18 W	46,5 cm	1



JBL ProCristal UV-C 36 W

Water clarifier for aquarium

Aquarium				
recommended pump performance	Cloudiness		Partial degermination	
	l	l/h	l	l/h
	300 till 800	400 till 1000	1500 till 3000	400 till 1000

Art. no.	Performance	Length	UP
60368	36 W	66,5 cm	1

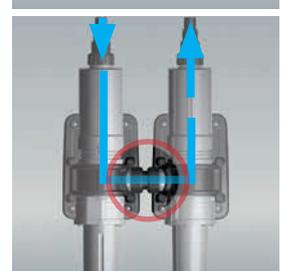


JBL ProCristal UV-C QuickConnect

Quick release connector for JBL ProCristal UV-C water clarifier

- Connects 2 water clarifiers to increase the total output.
- Simply screws onto the connecting thread.
- JBL ProCristal UV-C QuickConnect fits on all JBL ProCristal UV-C devices.
- Contents: 1 quick release connector to connect two devices.

Art. no.	Performance	Length	UP
60369			1

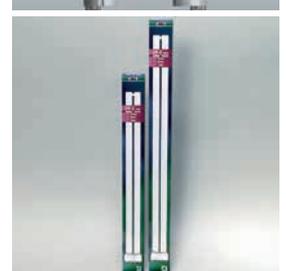


JBL Replacement lamp UV-C

High quality replacement lamp for JBL ProCristal UV-C and other UV-C devices.

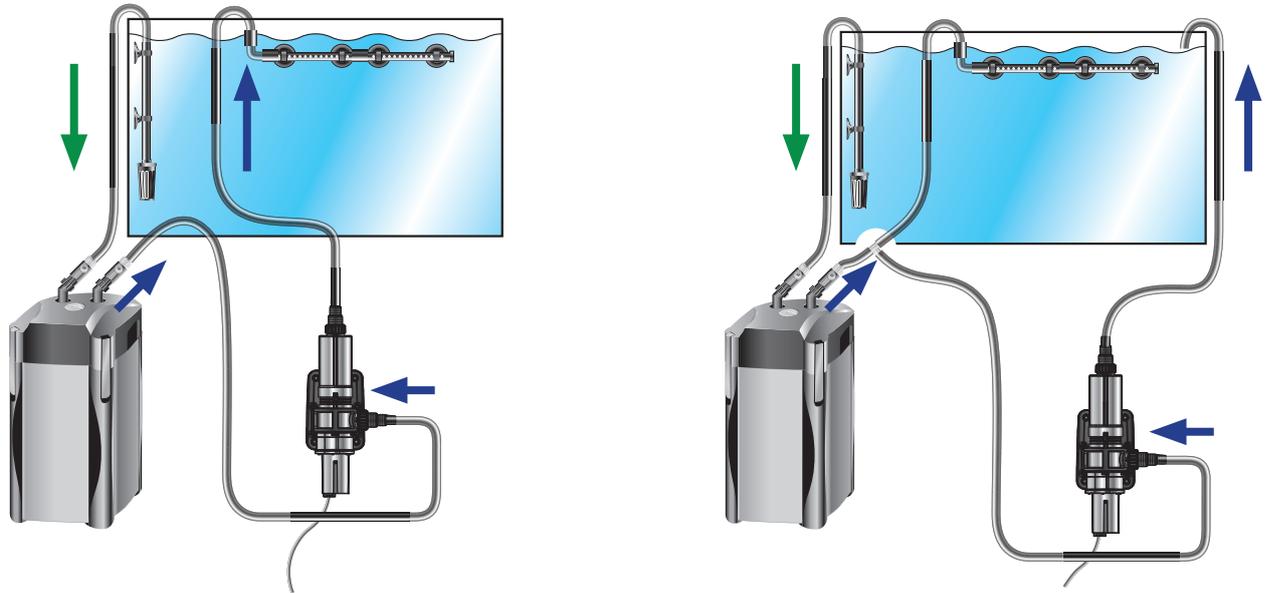
- 18, 24, 36 und 55 Watt models equipped with 2G11 connector.
- 5, 9 and 11 watt models equipped with G23 connector.
- Also compatible with all former JBL UV-C devices.
- Never touch UV-C lamps with bare hands as this reduces the service life of the lamp.

Art. no.	Performance	UP
60305	5 W	1
60306	9 W	1
60307	11 W	1
60308	18 W	1
60361	24 W	1
60309	36 W	1
60362	55 W	1

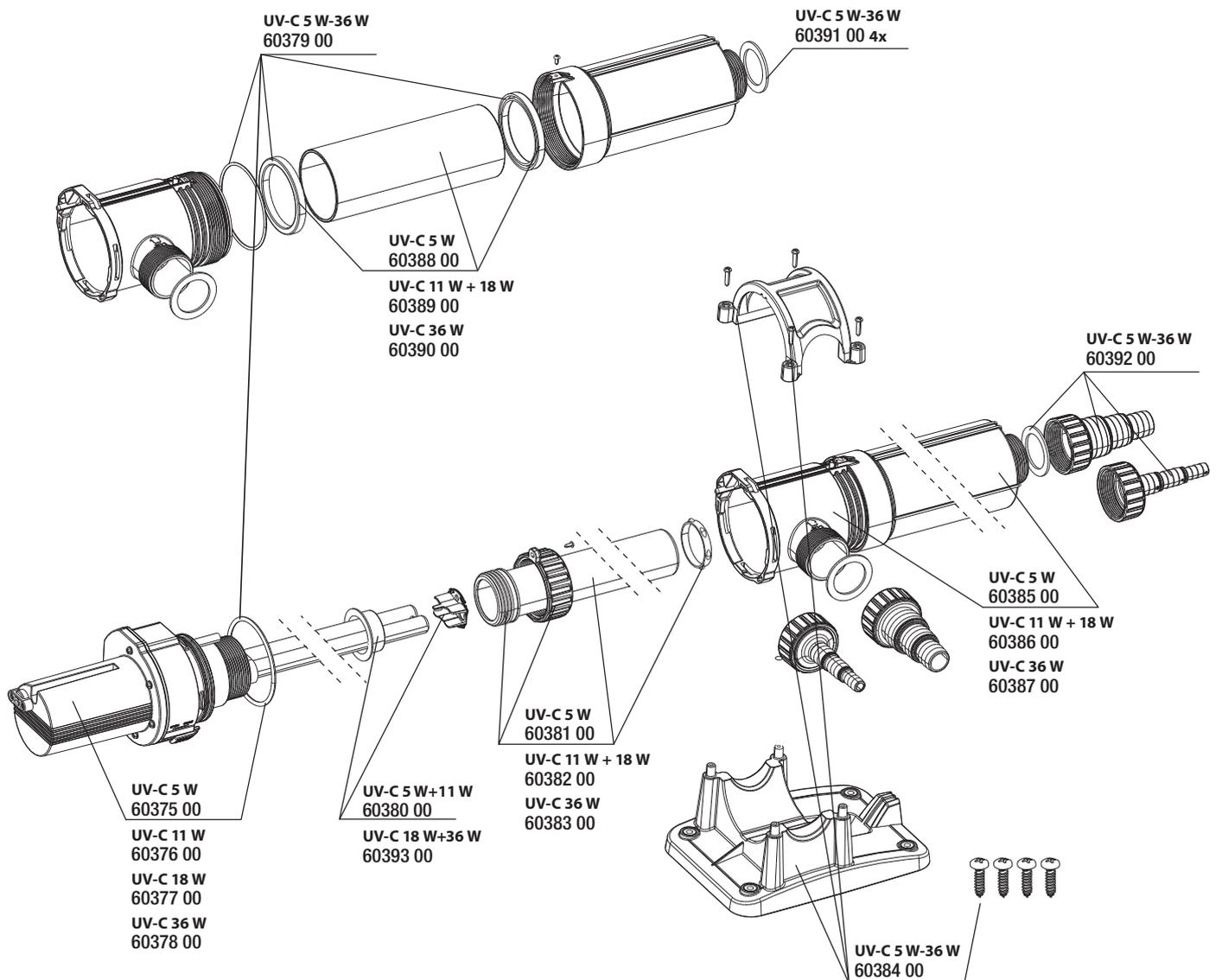


JBL ProCristal UV-C

Crystal-clear and healthy water in the aquarium with the UV-C water clarifier JBL ProCristal UV-C.



Spare Parts 5 W - 36 W





JBL ProTemp S 25

Safety heater-stat with protective basket

- Heating for an ideal temperature in aquariums with 10 - 50 l content (30 - 60 cm length)
- Insert the heater into the protective basket, preselect temperature, immerse in the aquarium, attach with suction cups
- Temperature setting 20-34°C, control accuracy +/-0.5°C. Temperature transfer through star-shaped ceramic heating element
- TÜV tested, watertight, unbreakable safety quartz glass, protective basket. Autom. switch-off when sinking water level
- 4 year warranty

Art. no. **60421**

Length
21 cm

For
10 - 50 l



JBL ProTemp S 50

Safety heater-stat with protective basket

- Heating for an ideal temperature in aquariums with 30 - 80 l content (40 - 80 cm length)
- Insert the heater into the protective basket, preselect temperature, immerse in the aquarium, attach with suction cups
- Temperature setting 20-34°C, control accuracy +/-0.5°C. Temperature transfer through star-shaped ceramic heating element
- TÜV tested, watertight, unbreakable safety quartz glass, protective basket. Autom. switch-off when sinking water level
- 4 year warranty

Art. no. **60422**

Length
21 cm

For
30 - 80 l



JBL ProTemp S 100

Safety heater-stat with protective basket

- Heating for an optimal temperature in aquariums with 50 to 160 l content (60 - 100 cm length)
- Insert the heater into protective basket, preselect the temperature, immerse in the aquarium, attach with suction cups
- Temperature setting 20-34°C, control accuracy +/-0.5°C. Temperature transfer through star-shaped ceramic heating element
- TÜV tested, watertight, unbreakable safety quartz glass, protective basket. Autom. switch-off when sinking water level
- 4 year warranty

Art. no. **60423**

Length
27,5 cm

For
50-160 l



JBL ProTemp S 150

Safety heater-stat with protective basket

- Heating for an ideal temperature in aquariums with 90 to 200 l content (80 - 100 cm length)
- Insert the heater into protective basket, preselect the temperature, immerse in the aquarium, attach with suction cups
- Temperature setting 20-34°C, control accuracy +/-0.5°C. Temperature transfer through star-shaped ceramic heating element
- TÜV tested, watertight, unbreakable safety quartz glass, protective basket. Autom. switch-off when sinking water level
- 4 year warranty

Art. no. **60424**

Length
27,5 cm

For
90-200 l



JBL ProTemp S 200

Safety heater-stat with protective basket

- Heating for an ideal temperature in aquariums with 100 - 300 l content (80 - 120 cm length)
- Insert the heater into protective basket, preselect the temperature, immerse in the aquarium, attach with suction cups
- Temperature setting 20-34°C, control accuracy +/-0.5°C. Temperature transfer through star-shaped ceramic heating element
- TÜV tested, watertight, unbreakable safety quartz glass, protective basket. Autom. switch-off when sinking water level
- 4 year warranty

Art. no. **60425**

Length
37,5 cm

For
100-300 l



JBL ProTemp S 300

Safety heater-stat with protective basket

- Heating for an ideal temperature in aquariums with 160 to 400 l content (100 - 120 cm length)
- Insert the heater into protective basket, preselect the temperature, immerse in the aquarium, attach with suction cups
- Temperature setting 20-34°C, control accuracy +/-0.5°C. Temperature transfer through star-shaped ceramic heating element
- TÜV tested, watertight, unbreakable safety quartz glass, protective basket. Autom. switch-off when sinking water level
- 4 year warranty

Art. no. **60426**

Length
37,5 cm

For
160-400 l



JBL Suction cup with clip 23-28 mm

Rubber suction pads for objects of 23-28 mm in diameter

- Rubber holder with robust clip
- Easy to attach: click the object into the clip, position it in the desired place
- Stable hold: holds all objects with 12 mm diameter
- Clip and suction holder can be separated
- Contents: 1 pack suction pads with clips 23 - 28 mm, incl. 2 suction pads, 2 clips

Art. no. **60408**

For Ø
23-28 mm



Technic > heating/cooling > undergravel heating



JBL ProTemp b10

Undergravel heating for fresh and saltwater aquariums

- For water flow through bottom covering, root formation and increased growth. For tanks 50 -120l (approx. 60-80cm length)
- Place 3.6 m heating cable in loops on the bottom panel of the aquarium, fasten with suction cups
- Creates seeping nutrition sources in substr., ideal supply f. plants. Prev. putrefication zones caused by stagnant water
- Silicone-covered heating cable with energy-efficient, electronic 10 W transformer, 12 V extra low safety voltage

Art. no.
60415

Performance
10 W

For
50-120 l



JBL ProTemp b20

Undergravel heating for fresh and saltwater aquariums

- For water flow through bottom covering, root formation + increased growth. For tanks 100-250l (approx. 80-100cm length)
- Place 4.9 m heating cable in loops on the bottom panel of the aquarium, fasten with suction cups
- Creates seeping nutrition sources in substr., ideal supply f. plants. Prev. putrefication zones caused by stagnant water
- Silicone-covered heating cable with energy-efficient, electronic 20 W transformer, 12 V extra low safety voltage

Art. no.
60416

Performance
20 W

For
100-250 l



JBL ProTemp b40

Undergravel heating for fresh and saltwater aquariums

- For water flow through bottom covering, root formation + increased growth. For tanks 200-400l (approx. 80-150cm length)
- Place 7 m heating cable in loops on the bottom panel of the aquarium, fasten with suction cups
- Creates seeping nutrition sources in substr., ideal supply f. plants. Prev. putrefication zones caused by stagnant water
- Silicone-covered heating cable with energy-efficient, electronic 40 W transformer, 12 V extra low safety voltage

Art. no.
60417

Performance
40 W

For
200-400 l



JBL ProTemp b60

Undergravel heating for fresh and saltwater aquariums

- For water flow through bottom covering, root formation + increased growth. For tanks 300-600 l (>150 cm length)
- Place 9 m heating cable in loops on the bottom panel of the aquarium, fasten with suction cups
- Creates seeping nutrition sources in substr., ideal supply f. plants. Prev. putrefication zones caused by stagnant water
- Silicone-covered heating cable with energy-efficient, electronic 60 W transformer, 12 V extra low safety voltage

Art. no.
60418

Performance
60 W

For
300-600 l



Technic > heating/cooling > cooling



JBL Cooler

Cooling fan for fresh- and saltwater aquariums

- Cooling of the water temperature by 2 – 4 °C: cooling blower with ventilators for aquariums
- Easy to install on the aquarium rim: thickness max. 2.5 cm. Switch on by means of toggle switch on the casing
- Water cooling by air flow at the water surface, evaporation of the warm water. Expandable with BL CoolControl
- 12 V small voltage, safety cover grid.
- Universal power supply for all common mains voltages worldwide

Art. no.
60440
60441
60442

Performance
5,5 W
11,2 W
15,3 W

Range
60-100 l
100-200 l
200-300 l



JBL CoolControl

Thermostat to regulate cooling fan

- Regulates the cooling fan operation: thermostat regulates from 1 - 50 W (JBL Cooler, all sizes)
- Simple installation: connect CoolControl to the cooling fan and sensor. Plug in power supply
- Temperature setting wheel 18-36 °C, diode for function control, temperature sensor for measuring the water temperature
- Switch: automatic, manual or Off, operating voltage 12 V DC over power supply of the cooling fan
- DC 5/2 mm plug

Art. no.
60445





JBL ProAir a50

Air pump for aquariums

- Reliable oxygen supply in aquariums: ready-to-install diaphragm pump with check valve and air stone.
- To install: connect with air hose/air stone, mount the pump outside aquarium, place air stone in aquarium
- Noise suppression air chamber, reinforced housing wall, vibration dampening rubber feet
- With a device for hanging, GS tested
- 50 l/h air outlet, > 160 mbar head pressure, 2.3 W.

Art. no.
60546

Performance
50l/h

Watt
3 W



JBL ProSilent a100

Air pump for fresh and saltwater aquariums

- Health and well-being for fish and plants: air pump for fresh and saltwater aquariums from 40 up to 150 l
- Connect pump to hose, air stone. Place pump outside, air stone inside the aquarium
- Noise suppression air chamber, vibration dampening rubber feet, wall reinforcement, air outlet adjustable.
- TÜV tested, powerful: 100 l/h air output with > 160 mbar air pressure with only 2.9 W consumption, check valve
- Incl. 2 m air hose, check valve, air stone

Art. no.
60541

Performance
100 l/h

Watt
3 W



JBL ProSilent a200

Air pump for fresh and saltwater aquariums

- Health and well-being for fish and plants: air pump for fresh and saltwater aquariums from 50 up to 300 l
- Connect pump to hose, air stone. Place pump outside, air stone inside the aquarium
- Noise suppression air chamber, vibration dampening rubber feet, wall reinforcement, air outlet adjustable.
- TÜV tested, powerful: 200 l/h air output with > 160 mbar air pressure with only 3.5 W consumption, check valve
- Incl. 2 m air hose, check valve, air stone

Art. no.
60542

Performance
200 l/h

Watt
3,4 W



JBL ProSilent a300

Air pump for fresh and saltwater aquariums

- Health and well-being for fish and plants: air pump for fresh and saltwater aquariums from 100 up to 400 l
- Connect pump to hose, air stone. Place pump outside, air stone inside the aquarium
- Noise suppression air chamber, vibration dampening rubber feet, wall reinforcement, air outlet adjustable.
- TÜV tested, powerful: 300 l/h air output with > 160 mbar air pressure with only 3.9 W consumption, check valve
- Incl. 2 m air hose, check valve, air stone

Art. no.
60543

Performance
300 l/h

Watt
3,9 W



JBL ProSilent a400

Air pump for fresh and saltwater aquariums

- Health and well-being for fish and plants: air pump for fresh and saltwater aquariums from 200 up to 600 l
- Connect pump with air hose and air stone. Mount pump outside aquarium, place air stone inside the aquarium
- Noise suppression air chamber, vibration dampening rubber feet, wall reinforcement, air outlet adjustable.
- TÜV tested, powerful: 400 l/h air output with > 160 mbar air pressure with only 5.5 W consumption, check valve
- Incl. 2 m air hose, check valve, air stone

Art. no.
60544

Performance
400 l/h

Watt
5,5 W



Acrochordus arafura JBL Expedition Australia



JBL Check valve for air Backflow stop for air pumps

- Protects devices such as diaphragm pumps against backflow of aquarium water
- Easy to install: insert the backflow stop between air pump and CO2 system with the arrow pointing towards the aquarium
- For air hoses 4/6 mm in diameter
- Accessory for CO2 systems, pH control devices and solenoid valves: special water backflow stop
- Package contents: 1 backflow stop for air pumps

Art. no. 64516



JBL ProSilent Safe Water backflow stop

- Accessory for air pumps: protection for air pumps against backflow water from the aquarium
- Integration of backflow stop at the air hose of the air pump
- For air hoses with Ø 4/6 mm
- TÜV tested – guaranteed safety
- Dimensions (L/H/W): 96/140/30 mm

Art. no. 64318

For Ø 4/6 mm



JBL ProSilent Control Adjustable precision air shut-off valve

- Several air-driven features can be run in the aquarium – adjustable precision air shut-off valve
- Integration of shut-off valve at the air hose of air pump (air hose and air pump not included)
- 1 inlet, 2 precisely and individually adjustable fine needle valves, wall mounting with screws
- Every hose connection is threaded and self-locking
- Extendable

Art. no. 64316

For Ø 4/6 mm



JBL ProSilent Tube High-end silicone hose

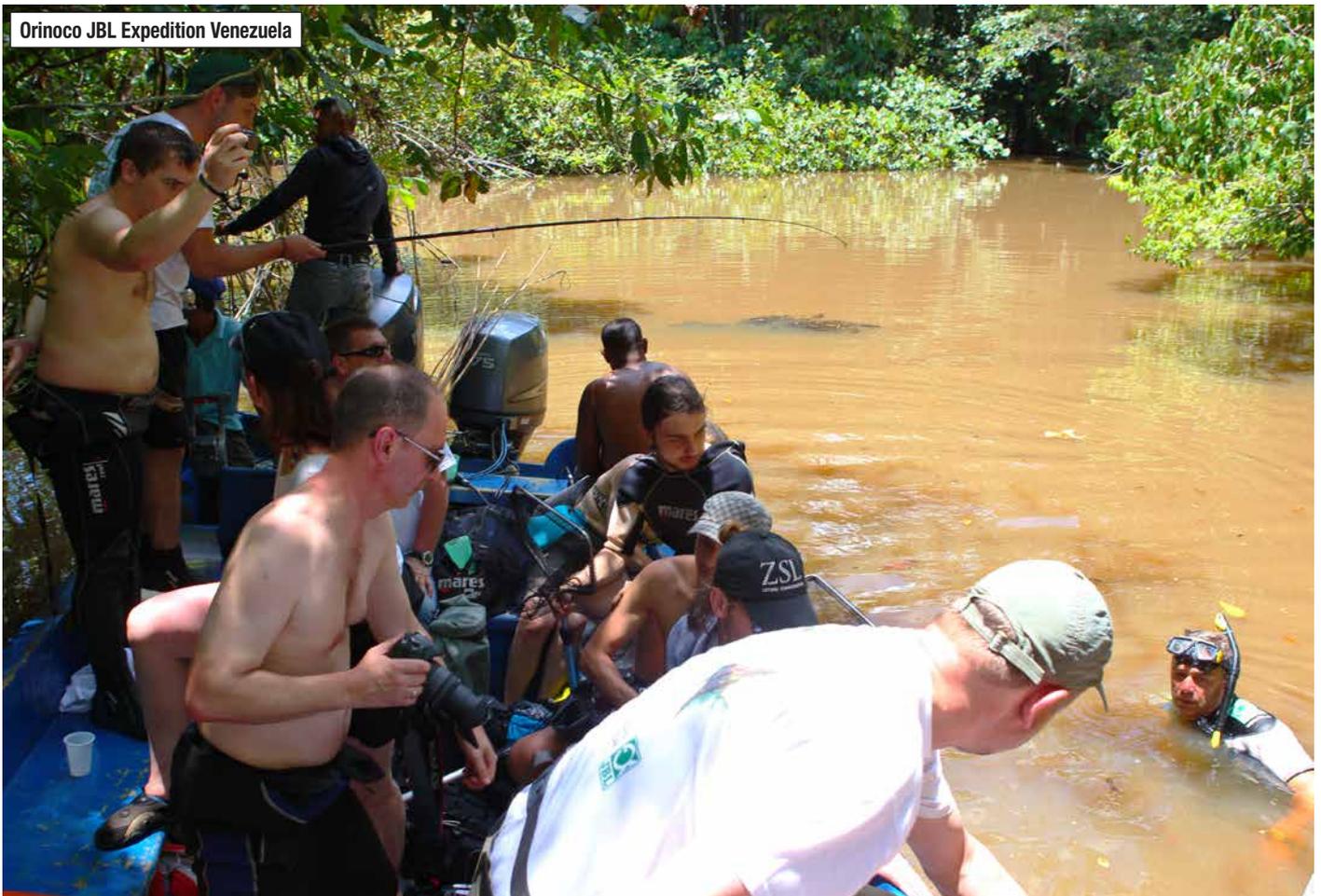
- Flexible hose for air pumps
- Extremely long service life
- Silicone-like material
- Unsuitable for use with CO2
- Diameter 4/6 mm

Art. no. 64317

Ø 4/6 mm



Orinoco JBL Expedition Venezuela





JBL Aeras Micro S2

Air stone set for fine air bubbles

- Air pump accessory for aquariums: air stone made of quartz sand mixture with extra-fine pores – for extra fine air bubbles
- Simply connect air stone to the air pump (not included), place inside the aquarium
- No extra weighting: own weight of the air stone keeps it on the ground
- For fresh and saltwater aquariums: 2 ball shaped air stones
- Package contents: 1 air stone set for fine air bubbles, Aeras Micro S2, Ø 21 mm

Art. no. 61485
Ø 21 mm



JBL Aeras Micro S3

Air stone set for fine air bubbles in aquariums

- Air stone made of quartz sand mixture with extra-fine pores – for extra fine air bubbles
- Simply connect air stone to the air pump (not included), place inside the aquarium
- Large surface (26 x 14 mm) because of cylindrical shape
- For fresh and saltwater aquariums: 3 coloured air stones
- 26 x 15 mm effective surface.

Art. no. 61486
Ø 14 mm
Height 25 mm



JBL Aeras Micro

Air stone for fine air bubbles

- Air pump accessory for aquariums: air stone made of quartz sand mixture with extra-fine pores – extremely large air bubble surface
- Simply connect air stone to the air pump (not included), place inside the aquarium
- Green colour allows unobtrusive mounting
- For fresh and saltwater aquariums: conical oblong air stone
- Package contents: 1 air stone for fine air bubbles, Aeras Micro S

Art. no. 61487
Length 100 mm
61488
140 mm
Size S M



JBL ProSilent Aeras Micro Plus

Air stone for fine air bubbles in aquariums

- Air pump accessory for aquariums: air stone made of quartz sand mixture with extra-fine pores f. very small air bubbles
- Simply connect air stone to the air pump (not included), place inside the aquarium
- Large surface with 140 or 270 mm length, unobtrusive green colour
- For fresh and saltwater aquariums. Second air connection to place a number of air stones in a row
- Package contents: 1 x JBL air stone for fine bubbles, extendable, Aeras Micro Plus

Art. no. 61489
Ø 140 mm
61490
270 mm
Size M L



JBL Aeras Micro Ball L

Air stone for fine air bubbles

- Air pump accessory for aquariums: air stone made of quartz sand mixture with extra-fine pores – particularly suitable for the pond aeration
- Simply connect air stone to the air pump (not included), place inside the pond or aquarium
- No extra weighting: own weight of the air stone keeps it on the ground
- For fresh and saltwater aquariums: ball shaped air stone
- Package contents: 1 air stone, 40 mm diameter, Aeras Micro Ball L

Art. no. 61491
Ø 40 mm



JBL Aeras Marin

Wooden air stone for marine aquariums

- Air pump accessory for aquariums: wooden air stone – for extra fine air bubbles
- Simply connect air stone to the air pump (not included), place inside the aquarium
- Increases the efficiency of protein skimmers
- For marine aquariums
- Package contents: 1 wooden air stone for seawater, Aeras Marin S

Art. no. 61483
Length 45 mm
61484
65 mm
Size S M



Canaima Lagoon JBL Expedition Venezuela

Overview Filtration

Clear aquarium water –
one guarantee - no problems

The JBL CristalProfi range of internal and external filters is popular with both beginners and professionals because of its reliability and its outstanding filter performance. Benefits include low energy consumption and a 4 year guarantee, not to mention its many innovative features. To accompany this we offer a complete filter material concept consisting of 40 products, to ensure that every type of aquarium water stays crystal clear and free of problems.



Pumps



Internal filters



External filters



Filter media

NEW



JBL CristalProfi e402 greenline
External filter for aquariums from 40 - 120 litres

- External filter for healthy aquarium water: closed water circuit for aquariums with 40 – 120 litres (40 – 80 cm)
- Fully equipped and ready to connect: built-in quick-start priming button, filter start without manual priming
- Patented system: high biological filter performance, water stop, 100% more pre-filter surface, exchangeable filter media
- TÜV tested, safe and energy-efficient: 4 W power consumption - tremendous energy savings

Art. no. **60280** Performance 450 l/h Watt 4 W



NEW



JBL CristalProfi e702 greenline
External filter for aquariums from 60 - 200 litres

- External filter for healthy aquarium water: closed water circuit for aquariums with 60 – 200 litres (60 – 100 cm)
- Fully equipped and ready to connect: built-in quick-start priming button, filter start without manual priming
- Patented system: high biological filter performance, water stop, 100% more pre-filter surface, exchangeable filter media
- TÜV tested, safe, energy-efficient: 9 W - 31% less power consumption, consistent performance

Art. no. **60281** Performance 700 l/h Watt 9 W



NEW



JBL CristalProfi e902 greenline
External filter for aquariums from 90 - 300 litres

- External filter for healthy aquarium water: closed water circuit for aquariums with 90 – 300 litres (80 – 120 cm)
- Fully equipped and ready to connect: built-in quick-start priming button, filter start without manual priming
- Patented system: high biological filter performance, water stop, 100% more pre-filter surface, exchangeable filter media
- TÜV tested, safe, energy-efficient: 11 W - 27% less power consumption, consistent performance

Art. no. **60282** Performance 900 l/h Watt 11 W



NEW



JBL CristalProfi e1502 greenline
External filter for aquariums from 200 - 700 litres

- External filter for healthy aquarium water: closed water circuit for aquariums with 200 – 700 litres (100 – 150 cm)
- Fully equipped and ready to connect: built-in quick-start priming button, filter start without manual priming
- Patented system: high biological filter performance, water stop, 100% more pre-filter surface, exchangeable filter media
- TÜV tested, safe, energy-efficient: 20 W - 43% less power consumption, consistent performance

Art. no. **60283** Performance 1400 l/h Watt 20 W



NEW



JBL CristalProfi e1902 greenline
External filter for aquariums from 200 - 800 litres

- External filter for healthy aquarium water: closed water circuit for aquariums with 200 – 800 litres (>150 cm)
- Fully equipped and ready to connect: built-in quick-start priming button, filter start without manual priming
- Patented system: high biological filter performance, water stop, 100% more pre-filter surface, exchangeable filter media
- TÜV tested, safe and energy-efficient: 36 W power consumption - tremendous energy savings

Art. no. **60284** Performance 1900 l/h Watt 36 W





JBL CristalProfi e401 greenline
External filter for aquariums from 40 - 120 litres

- External filter for healthy aquarium water: closed water circuit for aquariums with 40 -120 litres (40 - 80 cm)
- Fully equipped and ready to connect: built-in quick-start priming button, filter start without manual priming
- Patented system: high biological filter performance, water stop, swivelling hose connections, exchangeable filter media
- TÜV tested, safe and energy-efficient: 4 W power consumption – tremendous energy savings

Art. no. **60200** Performance 450 l/h

Watt 4 W



JBL CristalProfi e701 greenline
External filter for aquariums from 60 - 200 litres

- External filter for healthy aquarium water: closed water circuit for aquariums of 60 - 200 litres (60 - 100 cm)
- Fully equipped and ready to connect: built-in quick-start priming button, filter start without manual priming
- Patented system: high/biological filter performance, water stop, swivelling hose connections, exchangeable filter media
- TÜV tested, safe and energy-efficient: 9 W – 31 % less power consumption, constant performance

Art. no. **60210** Performance 700 l/h

Watt 9 W



JBL CristalProfi e901 greenline
External filter for aquariums from 90 - 300 litres

- External filter for healthy aquarium water: closed water circuit for aquariums with 90 - 300 litres (80 - 120 cm)
- Fully equipped and ready to connect: built-in quick-start priming button, filter start without manual priming
- Patented system: high biological filter performance, water stop, swivelling hose connections, exchangeable filter media
- TÜV tested, safe, energy-efficient: 11 W – 27 % less power consumption, constant performance

Art. no. **60211** Performance 900 l/h

Watt 11 W



JBL CristalProfi e1501 greenline
External filter for aquariums from 200 - 700 litres

- External filter for healthy aquarium water: closed water circuit for aquariums of 200 -700 litres (100 - 150 cm)
- Fully equipped and ready to connect: built-in quick-start priming button, filter start without manual priming
- Patented system: high biological filter performance, water stop, swivelling hose connections, exchangeable filter media
- TÜV tested, safe, energy-efficient: 20W - 43% less power consumption, sustained performance

Art. no. **60212** Performance 1400 l/h

Watt 20 W



JBL CristalProfi e1901 greenline
External filter for aquariums from 200 - 800 litres

- External filter for healthy aquarium water: closed water circuit for aquariums with 200 - 800 litres (> 150 cm)
- Fully equipped and ready to connect: built-in quick-start priming button, filter start without manual priming
- Patented system: high biological filter performance, water stop, swivelling hose connections, exchangeable filter media
- TÜV tested, safe and energy-efficient: 36 W power consumption - tremendous energy savings

Art. no. **60222** Performance 1900 l/h

Watt 36 W

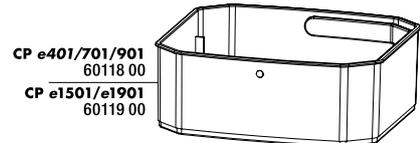
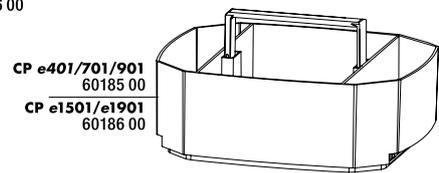
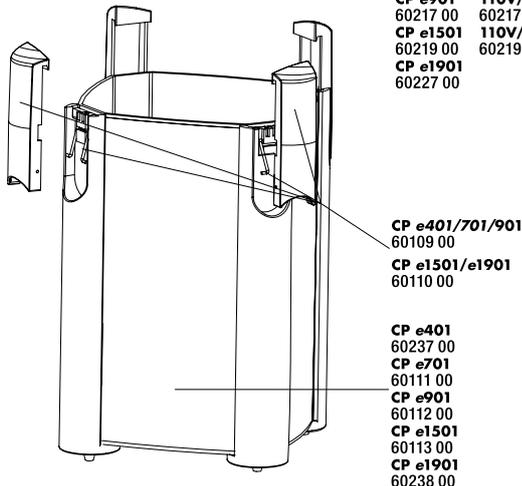
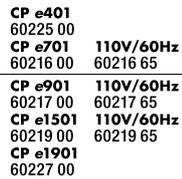
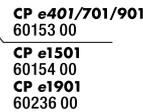
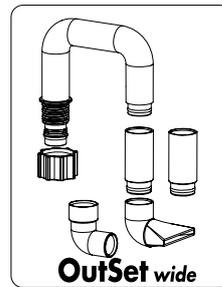
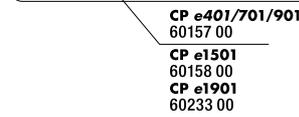
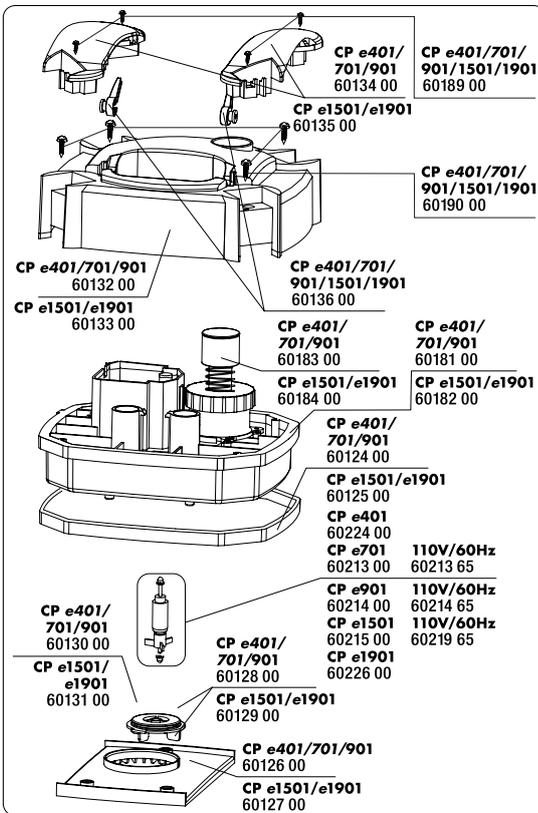
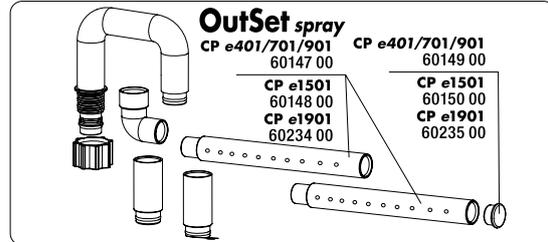
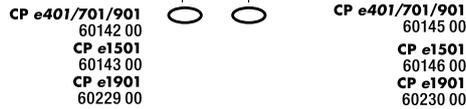
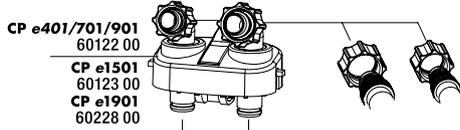


Carcharhinus melanopterus & Negaprion brevirostris, Moorea Expedition Pacific



CristalProfi e greenline

Spare Parts



**VORSPRUNG DURCH
FORSCHUNG**
AHEAD TROUGH RESEARCH





JBL TopClean II Surface skimmer

- Removes coatings and foreign particles from water surface: skimmer for aquariums 60 – 600 l (from 35 cm height upwards)
- Place skimmer, connect to suction hose, regulate surface water/deep water suction with adjustment spindle
- Suction performance infinitely adjustable: surface/deep water suction
- Optimised floating body – more buoyancy and adaption to the water level, stronger comb, removable adjustment spindle
- For hoses Ø 9/12 to 16/22 mm.

Art. no.
60196

For
60-600 l



A really useful accessory for any external filter is a surface skimmer

A really useful accessory for any external filter is a surface skimmer (JBL TopClean II), which keeps the water surface clean and guarantees maximum oxygen enrichment of the water via the water surface. Normally the external filter draws the “dirty water” off through the suction hose, with the suction basket positioned just above the ground-covering material. However, this means that the surface water is not included in the filter circulation. Often this results in floating plant residue and the formation of a layer of “scum”. This scum is a whitish “skin”, comprised of bacteria and fungi, which floats on the surface of the water and prevents the exchange of gases at the surface of the water. With JBL TopClean II you can now suction off surface water as well as water from deeper levels. By means of the regulating pin, which is easily accessible from above, the proportion of surface water suction to deep water suction can be freely selected and infinitely adjusted.

JBL TopClean II is really easy to fit: using the suction pads, simply attach the semi-circular suction chamber to the rear corner of your aquarium and connect the JBL TopClean II suction hose in place of your previous suc-

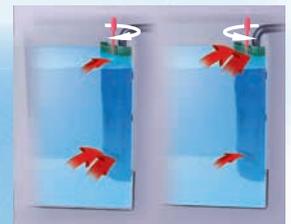


A further advantage is the floating upper section, which adapts to any variation in the level of the water (e.g. due to evaporation).

tion hose to the suction hose of the external filter. It may be necessary to re-start the external filter (priming). Once the water is flowing, you can set the ratio of surface water to deeper water suctioned off using the adjustment spindle. A red inner part can be seen through the lower suction slit. The higher the position of the red inner part, the more water is suctioned off from the surface.

How does TopClean II work?

- 1. SURFACE EXTRACTION**
Here the dirty water from the aquarium flows into the filter
- 2. REGULATING PIN**
Here you can freely select the extraction ratio of surface water to water from deeper levels
- 3. EXTRACTION OF DEEPER WATER**
Here the dirty water from the aquarium flows into the filter
- 4. FLOATING SUCTION COMB**
Automatically adapts to varying water levels (e.g. due to evaporation)





JBL InSet

Suction pipe complete set for external filters

- Suction pipe complete set for CPe and other filters
- Connect the suction pipe set to the external filter (external filter not included). Place in the aquarium
- Angled telescopic suction pipe
- Reliable attachment with threaded hose connection
- Set contains all parts required for an external filter on the inlet side

Art. no.
60151 For CPe 4/7/900/1
60152 1500/1
60231 1901



JBL OutSet wide

Outlet pipe with wide jet pipe for external filters

- Accessory for external filters: water outlet pipe with wide jet pipe for external filter CristalProfi e and other filters with hose
- Connection of the outlet set to the external filter (external filter not included). Place in the aquarium filter
- Ideal water return: wide jet pipe means minimum loss of CO2, convenient to install thanks to square angle pipe
- Threaded hose connection ensures reliable fastening. Suitable for planted aquariums.
- Ideal water return from external filter.

Art. no.
60155 For CPe 4/7/900/1
60156 1500/1
60232 1901



JBL OutSet spray

Water outlet set with 2-part spray bar

- Accessory for external filters: water outlet complete set with spray bar for external filter CristalProfi e and other filters
- Connect the outlet set to the water filter (external filter not included). Place in the aquarium filter
- Square angular pipe: 59 mm internal width, spray bar adjustable, water flows over corner
- Reliable fastening thanks to threaded hose connection
- Suitable for raising the oxygen content

Art. no.
60157 For CPe 4/7/900/1
60158 1500/1
60233 1901



JBL Elbow piece

Anti-kink protection for water hoses

- Anti-kink protection for water hoses
- Easy to install: thread the water hose through the anti-kink protection
- U-shape through connection piece for both elbows
- Full water flow rate thanks to anti-kink protection
- Available in 2 sizes

Art. no.
60833 Content ∅ 12/16 mm
60834 2 pcs. 16/22 mm



JBL FixSet

Suction pads and spacers for external filters

- Accessories for external filters: suction pad and spacer set for pipes and hoses
- Connect the clips to the suction pad, attach to the pipe or hose, attach at desired place
- 2 suction pads: centre of pipe 2cm away from wall, suction pad with spacer clips: centre of pipe 3.5cm away from pane
- Reliable: holds pipes and hoses
- Spacer clips are the solution for aquariums with struts at the upper edge

Art. no.
60153 For CPe 4/7/900/1
60154 1500/1
60236 1901



JBL pulling aid for rotor

Pulling aid and cleaning brush for impeller bearings

- Practical auxiliary tool to maintain and to improve the performance of the external filter (JBL CristalProfi i)
- Easy to use: remove the bearing bush at the end of the ceramic axis with the pulling aid. Clean the well with the brush
- Diameters: brush – 17 mm, pulling aid – 4.5 mm
- Perfect cleaning of areas which are difficult to reach.
- Maintains and improves the pump performance

Art. no.
60114



JBL Combi Basket II for CristalProfi e filter basket replace. kit f. CristalProfi ext. filter

- Optimised top filter basket with 100% more pre-filter surface including filter material
- Remove previous filter basket and insert new filter basket
- Optimises pre-filtering with JBL CristalProfi e 4,7,9,15,1901, which then are technically identical w. JBL 402, 702 etc.
- 2-part filter basket: lower part with post-filtering (fine), upper part with pre-filter mat (coarse, 100% more surface)
- Package contents: 2-part filter basket (separable through clip) with fine filter mat and coarse filter mat

Art. no.
60293
60294



NEW



JBL ProCristal i30

Internal filter for aquariums from 10 – 40 l

- For crystal-clear and oxygen-rich water: internal filter with high performance pump of 200 l/h
- Suitable for each aquarium from 14 cm in height upwards
- Easy to install: clean aquarium glass pane, press the filter onto desired spot
- Safe for small fish and shrimps: no sucking in thanks to fine-pored surface, water outlet possible in any position
- TÜV tested, 4 years warranty, energy saving (3.7 W)

Art. no.
60990



JBL CristalProfi i60 greenline

Energy-efficient internal filter for aquariums

- Internal filter for mechanical and biological filtering – for aquariums from 40 - 80 litres (40-80 cm)
- Connection of wide jet pipe/spray bar to the filter, placement of filter in the aquarium, connection of the power plug
- Extendable, rotatable water outlet pipe, large filter volume, easy to loosen suction cups, suitable for use with all filter media
- TÜV tested, submersible, high energy efficiency, maintenance-free pump: constant circulation, adjustable output
- Dimensions (L/H/W): 8.5 x 8.5 x 15.5 cm

Art. no.
60971

Watt
4 W



JBL CristalProfi i80 greenline

Energy-efficient internal filter for aquariums

- Internal filter for mechanical and biological filtering – for aquariums of 60 - 110 litres (60-80 cm)
- Connection of wide jet pipe/spray bar to the filter, placement of filter in the aquarium, connection of the power plug
- Extendable, rotatable water outlet pipe, large filter volume, easy to loosen suction cups, suitable for use with all filter media
- TÜV tested, submersible, high energy efficiency, maintenance-free pump: constant circulation, adjustable output
- Dimensions (L/H/W): 8.5 x 8.5 x 22.5 cm

Art. no.
60972

Watt
4 W



JBL CristalProfi i100 greenline

Energy-efficient internal filter for aquariums

- Internal filter for mechanical and biological filtering – for aquariums from 90 - 160 litres (80-100 cm)
- Connection of wide jet pipe/spray bar to the filter, placement of filter in the aquarium, connection of the power plug
- Extendable, rotatable water outlet pipe, large filter volume, easy to loosen suction cups, suitable for use with all filter media
- TÜV tested, submersible, high energy efficiency, maintenance-free pump: constant circulation, adjustable output
- Dimensions (L/H/W): 8.5 x 8.5 x 29.5 cm

Art. no.
60973

Watt
8 W



JBL CristalProfi i200 greenline

Energy-efficient internal filter for aquariums

- Internal filter for mechanical and biological filtering – for aquariums from 130 - 200 litres (80-120 cm)
- Connection of wide jet pipe/spray bar to the filter, placement of filter in the aquarium, connection of the power plug
- Extendable, rotatable water outlet pipe, large filter volume, easy to loosen suction cups, suitable for use with all filter media
- TÜV tested, submersible, high energy efficiency, maintenance-free pump: constant circulation, adjustable output
- Dimensions (L/H/B): 8.5 x 8.5 x 36.5 cm

Art. no.
60974

Watt
8 W



JBL CristalProfi m greenline

Mat filter incl. pump for aquariums of 20 – 80 l

- Clean and healthy aquarium water: mat filter incl. pump and water return by means of wide jet pipe.
- Suitable for aquariums of 20 – 80 l volume
- Easy to install: clean the glass pane, press on the filter with the water outlet at the water surface level
- Safe for small fish and shrimps: no sucking in thanks to fine sponge surface
- 4 years warranty, can be extended with second filter module (+ 12 cm in height), push lever to loosen and tighten the suction cup

Art. no.
60960

Watt
3,5 W

Performance
200 l/h

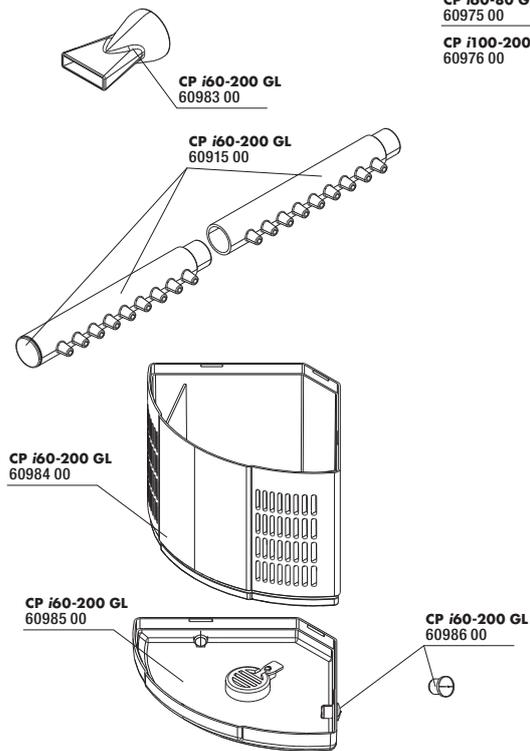


Great Barrier Reef JBL Expedition Australia



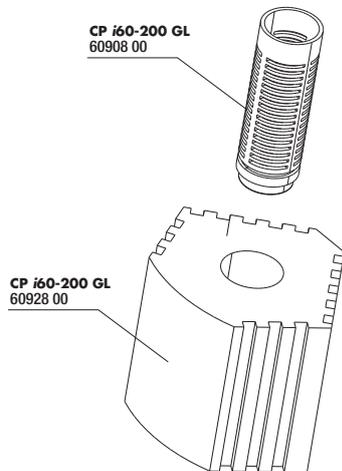
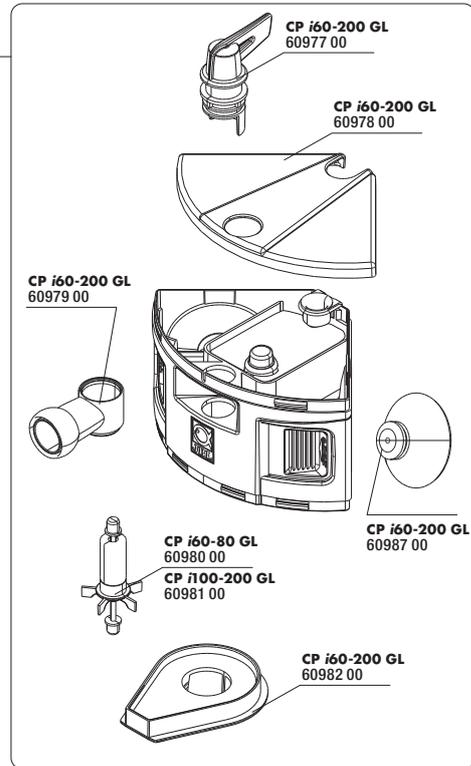
Spare Parts

CristalProfi® *i* 60, 80, 100, 200
greenline

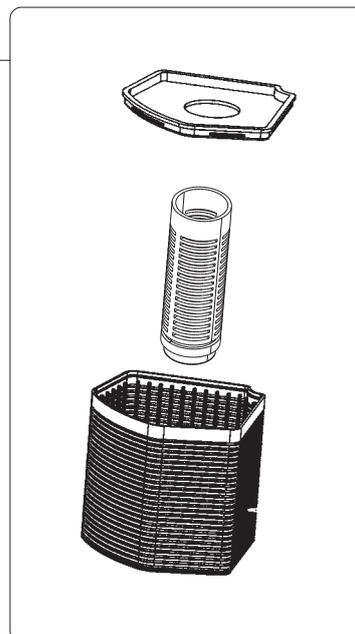


CP i60-80 GL
60975 00

CP i100-200 GL
60976 00



CP i60-200 GL
60907 00





JBL CristalProfi m greenline Module
Filter module to extend CristalProfi m

Art. no.
60966

- To extend the CristalProfi m internal filter: complete filter module
- Easy to install: mount at the bottom of the internal filter.
- Same shape as CP m internal filter.
- Height 12 cm.
- Easy to clean: removable sponges and drain valve, no water backflow of dirty water into the aquarium



JBL CristalProfi i cl Filter module
Filter module for CristalProfi i 60/ 80 / 100/ 200

Art. no.
60905

- As spare part or extension: complete filter module for JBL CristalProfi i series (i60 - i200)
- Easy to use: module is immediately ready for use.
- Increases service life and breakdown performance of the filter.
- Bio-filter sponge with 25 ppi and inner pipe
- Set contains: filter basket module, bio-filter sponge with 25 ppi and inner pipe



JBL WideSet 12/16
Water outlet with wide jet pipe for internal filters

Art. no.
60919

- Accessory for internal filters: water outlet set with wide jet pipe
- Easy to install: connection to the internal filter
- Ideal water return: wide jet pipe means minimum loss of CO₂, suitable for planted aquariums
- Suitable for all filters with 12/16 mm connection
- Dimensions (L/H/W): 96/140/20 mm



JBL SpraySet 12/16
Water outlet with spray bar for internal filters

Art. no.
60915

- Accessory for internal filters: water outlet set with wide jet pipe
- Easy to install: connect to the internal filter
- Rotatable wide jet pipe, spray strength can be changed
- For the increase of the oxygen content
- Dimensions (L/H/W): 96/217/20 mm



JBL VenturiSet 12/16 (CristalProfi i)
Diffuser set for int. filter of CristalProfi i series

Art. no.
60916 ∅ 12/16 Tube

- Accessory for internal filters: diffuser set for the regulation of the air supply in aquariums
- Easy to use: fit onto the outlet, diffuser draws air into the outlet water
- Increases oxygen content
- With check valve
- Dimensions (L/H/W): 96/217/20 mm



JBL CristalProfi i greenline Filter Module
Filter module for internal filter series CristalProfi i

Art. no.
60984

- Spare part or extension for CristalProfi i greenline filter
- Easy to use: insert into the filter CristalProfi i
- Longer service life thanks to modular structure
- Filter basket module, bio-filter sponge 25 ppi, inner pipe
- Dimensions (L/H/W): 96/96/87 mm



JBL ProCristal i30 module
Filter module for ProCristal i30

Art. no.
60989 For PC i30

- Clean water, healthy fish: filter module for the extension of the ProCristal i 30.
- Easy to install: attach to the underside of the ProCristal i 30.
- Ready for use, incl. filter foam
- Extension of the filter by about 3 cm to 15.9 cm.
- Can be extended by up to three modules



Which is the right filter media?

The JBL filter media you purchase with the filter have been chosen for their mechanical and biological filter effects to create the very clearest aquarium water. By the targeted use of specific filter materials it is also

possible to remove harmful substances, such as nitrate or phosphate, from the aquarium water.

These tables will give you an overview:

JBL Filter (media)	all filters	CPe-Serie	CPI-Serie	suitable for		mechanically suspended matter		biological		chemically				adsorptively herbicides pesticides medical substances tinges	
				fresh-water	salt-water	coarse	fine	NH ₄ /NO ₂	NO ₃	NH ₄	NO ₂	NO ₃	PO ₄		
JBL Filter Foam + Unibloc				●	●	✓	✓✓	✓							
JBL Cermecc				●	●	✓✓		✓							
JBL Symec Micro				●	●		✓✓								
JBL Symec				●	●		✓								
JBL Symec XL				●	●	✓	✓	✓							
JBL Symec VL				●	●		✓✓	✓							
JBL Carbomecc activ				●											✓✓
JBL Carbomecc ultra				●	●										✓✓
JBL ClearMec plus				●				✓			✓	✓	✓		
JBL PhosEx ultra				●	●									✓✓	
JBL NitratEx				●								✓✓	✓		
JBL BioNitratEx				●	●				✓✓					✓	
JBL Tormec				●											
JBL SintoMec				●	●	✓		✓✓	✓						
JBL MicroMec				●	●			✓✓	✓✓						

✓ highly suitable

✓✓ very highly suitable



JBL SymecMicro
Single-use microfibre floss against water clouding

- Fast, one-time removal of micro-fine cloudiness in fresh and saltwater aquariums: microfibre floss for aquarium filters
- Easy to use: Cut as required. Inlay as last stage of filtration. Remove material after 12 to 24 hours
- Crystal-clear water: filtering of floating algae, finest types of clouding and all particles of 1/1000 mm upwards
- No release of pollutants - water-neutral synthetic fibre
- Contents: 1 microfibre floss single-use mat for aquarium filters.

Art. no.
62387

Width
 25 cm

Length
 75 cm



JBL Symec
Single-use filter wool to remove water clouding

- Fast, one-time removal of micro-fine clouding in fresh and saltwater aquariums: single-use wool for aquarium filters
- Easy to use: select quantity of wool as required. Insert as last filtration stage. Remove material after 12 to 24 hours
- Crystal-clear water: filtering of floating algae, finest types of clouding and all particles of 1/1000 mm upwards
- No release of pollutants and fibres – fully synthetic, residue-free filter wool
- Contents: 1 x single-use filter wool for aquarium filters.

Art. no.
62311
62313
62315
62317

Content
 100 g
 250 g
 500 g
 1000 g



JBL Symec XL Filterwool
Single-use filter wool XL to remove water clouding

- Fast, one-time removal of micro-fine clouding in fresh and saltwater aquariums: single-use wool for aquarium filters
- Easy to use: select quantity of wool as required. Insert as last stage of filtration. Remove after 12 to 24 hours
- Crystal-clear water: filtering of floating algae, finest types of clouding and all particles of 1/1000 mm upwards
- No release of pollutants and fibres – fully synthetic, residue-free filter wool
- Contents: 1 x green single-use filter wool for aquarium filters.

Art. no.
62325

Content
 250 g



JBL Symec VL
Single-use microfibre to remove water clouding

- Fast, one-time removal of micro-fine clouding in fresh and saltwater aquariums: single-use floss for aquarium filters
- Easy to use: individual cut of the 3 cm thick floss mat. Inlay as last stage of filtration.
- Crystal-clear water: filtering of floating algae, finest types of clouding and all particles of 1/1000 mm upwards
- No release of pollutants - water-neutral synthetic fibre.
- Contents: 1 single-use filter mat for aquarium filters, Symec VL

Art. no.
62310

Length
 25 cm

Width
 80 cm



JBL Fine Filter Foam
Reusable foam to combat all kinds of water cloudiness

- Quick, one-off elimination of cloudiness in freshwater and saltwater aquariums and in ponds: reusable foam
- Easy to use: cut the 2.5 cm thick foam to the size you need. Layer into the filter last.
- Crystal-clear water: filters off floating algae and clouding. Large surface for cleansing bacteria
- No release of harmful substances – water neutral fine foam
- Contents: 1 reusable foam filter mat for aquariums

Art. no.
62562
62561
62563

Height
 2,5 cm
 5 cm
 10 cm



JBL Coarse Filter Foam
Reusable filter foam to combat water cloudiness

- Quick, one-off elimination of micro-fine cloudiness in freshwater and saltwater aquariums: reusable foam
- Easy to use: cut the 2.5 cm thick foam to the size you need. Layer into the filter last.
- Crystal-clear water: filters off floating algae, micro-fine clouding and all particles of 1/1000 mm upwards
- No release of harmful substances –water neutral fine foam
- Contents: 1 reusable foam filter mat for aquariums

Art. no.
62565
62560
62566

Height
 2,5 cm
 5 cm
 10 cm



Crenicichla in Canaima Lagoon, JBL Expedition Venezuela





JBL Carbomec activ
High performance activated carbon for freshwater aquariums

- Removal of residual medications, discolourations of the water and high molecular organic impurities
- To use: refill the carbon into universal filter bag, rinse repeatedly under warm water, then rinse in cold water
- Adjustment to pH 7: suited for the use in the pH range from 6.5 to 7.5, can be used immediately
- No release of algae-promoting phosphate to the water
- Package contents: 1 packet of high performance activated carbon.

Art. no. **62345**

Content 400 g

For 200 l



JBL Carbomec ultra
Super activated pelletized carbon

- Removal of discolouration and high molecular organic impurities: pellet-shaped activated carbon
- To use: refill the carbon into universal filter bag, rinse repeatedly under warm water, then rinse in cold water
- Adjustment to pH 8: suitable for use in the pH range from 7.5 to 8.5, can be used immediately
- No release of bound substances, 100% free of phosphate, pH-neutral and conductance neutral, suitable for Malawi and Tanganyika aquariums
- Package contents: 1 packet pelletized carbon. Incl. net bag, clip

Art. no. **62355**

Content 400 g

For 200 l



JBL Tormec activ
Active peat pellets for freshwater aquariums

- Reduces carbonate hardness + pH value, prevents growth of algae, addition of natural humic subst.: active peat pellets
- Use: wet 24 hours before use, decant carbon into net bag, embed into the filter
- Two peat components: fast initial effect, well dosed long-term effect. Prevents algae growth
- Ideal keeping and breeding conditions for fish from blackwater habitats
- Contents: 1 packet active peat pellets. Incl. net bag and clip

Art. no. **62367**

Content 1000 ml

For 800 l



JBL SilikatEx Rapid

- Available soon

Art. no. **62347**



JBL NitratEX
Filter material for the rapid removal of nitrate

- Elimination of unwanted algae: filter material for use in aquarium filters for the rapid removal of nitrate
- Use: put filter material into the universal bag and place in the filter
- Multiple use through regeneration with sodium chloride
- Only for freshwater aquariums
- Incl. mesh bag, clip

Art. no. **62537**

Content 250 ml

For 200 l



JBL BioNitrat EX
Biological filter material for the removal of nitrates

- Biological removal of nitrate from the aquarium: filter material for the use in aquarium filters
- To use: material packed in 4 filter bags, for the use in filter
- Removes the main nutrient of algae (nitrate) from freshwater
- Nitrate breakdown exclusively through natural, bacterial degradation, without the use of chemical additives or replacement products
- Bacteria food is processed in the substrate - no additional feeding of bacteria required.

Art. no. **62535**

Content 240 g

For 200 l



JBL PhosEX ultra
Filter material for the removal of phosphate

- Removal of phosphate from the aquarium: filter material for the use in aquarium filters
- To use: fill filter material into universal bag and place it in the aquarium
- Insoluble iron compound; no release of any substances into the water
- 340 g for the permanent binding of 18,000 mg phosphate, for freshwater and saltwater
- Incl. net bag, clip

Art. no. **62541**

Content 340 g

For 200 l



Technic > filtering > filter material



JBL ClearMec plus
Nitrite, nitrate and phosphate remover

- Removal of nitrite, nitrate and phosphate from the aquarium: filter medium for the use inside aquarium filters
- To use: material is already packed in two filter bags. Insert into filter
- Withdrawal of nutrients from the water: counteracts excessive algae growth
- 600 ml for 150 to 300 litres freshwater.
- Contents: 1 pack filter media. Incl. net bag, clip

Art. no. **62395**
 Content 600 ml

For 300 l



JBL Sintomec
Sintered bio-glass rings for breakdown of pollutants

- Biological breakdown of pollutants in fresh and saltwater aquariums: sintered bio-glass rings for the use in aquariums
- Easy to use: insert bio-filter rings as second last filter stage.
- Intensive water clarifying due to biol. filtering: microorganisms settle inside filter material to break down pollutants
- Conical tunnel pores and 5 mm wall thickness create ideal surface for beneficial bacteria to settle
- Inner hole diameter only 5 mm

Art. no. **62547**
 Content 450 g

For 200 l



JBL Micromec
Sintered bio-glass balls for breaking down pollutants

- Biological breakdown of pollutants in fresh and saltwater aquariums: sintered bio-glass balls for the use in aquarium filters
- Easy to use: use biological sintered glass balls inside the second last filter stage.
- Intensive water clarification through bio-filtering: microorganisms settle on the filter material and break down pollutants
- Ideal surface for beneficial microorganisms to settle on with its conical tunnel pores. Breaks down ammonium and nitrite
- Only 14 mm ball diameter – also suitable for small filters.

Art. no. **62548**
 Content 650 g

For 200 l



JBL Cermecc
Ceramic filter tubes for aquarium filters

- Clean and healthy water: ceramic filter tubes for use in aquarium filters
- Pre-filter medium protects biological filter material from over-rapid silting
- Pure ceramic material
- Suitable for fresh and saltwater
- Package contents: 1 pack small ceramic filter tubes 1 l

Art. no. **62375**
 Content 750 g

For 200 l



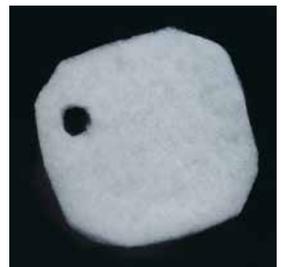
Technic > filtering > filter material JBL external filters



JBL FilterPad VL
Wool floss pad for CristalProfi aquarium filters

- Finest type of filter material for effective post filtering: filter pad for filter CristalProfi
- Wool floss pad cut to size
- Biological and mechanical filtering
- 2 pieces per pack
- Packages contents: 1 ready-cut wool floss pad in pack of 2

Art. no. **62201**
62202
 Content 2 Pieces
 2 Pieces



JBL FilterPad F15
Coarse foam pad for aquarium filter CristalProfi

- Coarse, open-pored foam pad with a pore size of 15 ppi: FilterPad for filter Cristal Profi
- 100 % neutral polyether foam
- Biological and mechanical filtering
- Resistant to fresh and saltwater
- Contents: 1 coarse foam cut in pack of 2

Art. no. **62210**
62211
 Content 2 Pieces
 2 Pieces



JBL FilterPad F35
Fine foam pad for aquarium filter CristalProfi

- Fine, open-pored foam pad with a pore size of 35 ppi: filter pad for filter Cristal Profi
- 100 % neutral polyether foam
- Biological and mechanical filtering
- Resistant to fresh and saltwater
- Package contents: 1 fine foam cut in pack of 2

Art. no. **62206**
62207
 Content 2 Pieces
 2 Pieces





JBL CombiBloc CristalProfi e
Pre-filter pads and filter foam pads for CristalProfi e

- Clean and healthy water: pre-filter pad and filter foam pad for the top basket of the filter CristalProfi e
- Use: insert for the top filter basket
- 1 medium-pored foam pad 20 ppi, 1 fine-pored foam pad 30 ppi
- Freshwater and saltwater neutral, no release of harmful substances
- Package content: 4 pre-filter pads, 1 filter foam pad 20 ppi, 1 filter foam pad 30 ppi

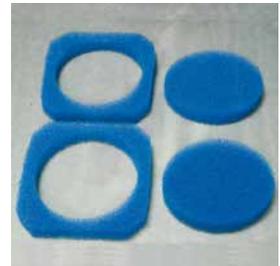
Art. no.	Content	For CPe
60159	6 pcs.	4-7-901
60160	6 pcs.	15-1901



JBL UniBloc CristalProfi e
Bio-filter foam insert for CristalProfi e

- Clean and healthy water: bio-filter foam insert for the middle baskets of CristalProfi e
- Use: insert into the middle filter basket
- Remove round middle section for special filter materials
- Pore size especially suited for bio-filtering
- Package contents: 1 bio-filter foam insert in pack of 2

Art. no.	Content	For CPe
60161	2 sets	4-7-901
60162	2 sets	15-1901



JBL CarboMec Ultra Pad CristalProfi e
Foam insert and activated carbon for CristalProfi e

- Foam insert and phosphate-free activated carbon to remove medication residue and discoloration
- To use: Transfer the complete set into the empty filter basket, remove the plastic bag, place in the filter.
- Replacement after 3 weeks.
- No release of algae promoting phosphate into the water
- Package contents: 1 set with foam insert and activated coal incl. cut-off

Art. no.	Content	For CPe
60167	500 ml	4-7-901
60168	800 ml	15-1901



JBL PhosEx ultra Pad CristalProfi e
Foam insert and phosphate remover for CristalProfi e

- Clean and healthy water: set with foam insert and phosphate remover for CristalProfi e
- To use: transfer the complete set into the empty filter basket; remove the plastic bag, place in the filter.
- Insoluble iron compound; no release of any substances into the water.
- Suitable for fresh and saltwater
- Package contents: 1 set with foam insert and phosphate remover, cut to fit

Art. no.	Content	For CPe
60169	500 ml	4-7-901
60170	800 ml	15-1901



JBL NitratEx Pad CristalProfi e
Foam insert and nitrate remover for CristalProfi e

- Set with foam insert and nitrate remover to prevent and eliminate unwanted algae
- Use: Transfer of the complete set into the empty filter basket; removal of plastic bag, placement in the filter.
- Multiple use through regeneration with sodium chloride
- For freshwater only
- Package contents: 1 set with foam insert and nitrate remover incl. cut-off

Art. no.	Content	For CPe
60171	250 ml	4-7-901
60172	360 ml	15-1901



JBL TorMec CristalProfi e
Active peat pellets for CristalProfi e

- Active peat pellets for CristalProfi e, to reduce the carbonate hardness and pH value, preventing the growth of algae
- Use: transfer into a filter basket, rinse with water, insert into the filter
- Two peat components: fast initial effect, well dosed long-term effect. Prevents algae growth
- Ideal keeping and breeding conditions for fish from blackwater habitats.
- Package contents: 1 x active peat pellets

Art. no.	Content	For CPe
60173	800 ml	4-7-901
60174	1300 ml	15-1901



JBL ClearMec plus Pad CristalProfi e
Nitrite, nitrate and phosphate eliminator for Cpe

- Clean and healthy water: set with nitrite, nitrate and phosphate eliminator for CristalProfi e
- To use: insert the complete set into the empty filter basket, remove the plastic bag, place in the filter.
- Pollutant eliminator: crystal-clear water without algae problems
- Mix of clay balls and special resin, slow flow through foam edge
- Package contents: 1 set with nitrite, nitrate and phosphate removers incl. cut-off

Art. no.	Content	For CPe
60175	500 ml	4-7-901
60176	800 ml	15-1901



NEW



JBL MicroMec CristalProfi e
High-performance filter balls for CristalProfi e

- Clean and healthy water: high-performance filter balls with highly porous structure for CristalProfi e
- To use: Transfer into the filter basket. Rinse with water, insert into the filter.
- Outer layer: breakdown of ammonium and nitrite, bacteria on the inside: breakdown of nitrate.
- Biological filter material made of sintered glass: helps beneficial cleansing bacteria to settle easily
- Package contents: 1 x high-performance filter balls 1 l.

Art. no.
60177
60178

Content
 1000 ml
 1600 ml

For CPe
 4-7-901
 15-1901



JBL CombiBloc II CristalProfi e
Set with filter sponges for filter CristalProfi e (02)

- pre-filter inserts and filter sponge for the upper basket of filter CristalProfi e (402/702/902/1502/1902)
- Use: insert into upper filter basket. Remove sponges and replace them with the new ones
- Clear water through accurate laser cut. Means excellent fit in the JBL CristalProfi e external filters
- Neutral in fresh and saltwater, no release of harmful substances
- Package contents: 3 filter inserts: 2x filter foam coarse 15 ppi, 1 x filter foam fine 35 ppi

Art. no.
60288
60289



JBL SymecPad II for CristalProfi e
6 filter fleece f. JBL CristalProfi e external filters

- Cotton fleece has the advantage that it does not fray like filter wool and it can be cut to size exactly
- Use: remove filter sponge from the filter basket and replace it with cotton fleece
- The cotton fleece is so fine that it filters smallest particles out of the water which leads to extremely clear water
- Please rinse cotton fleece once only, then replace
- Package contents: filter fleece, cut to size for the respective filter, 6 pieces

Art. no.
60291
60292



Kakadu National Park, JBL Expedition Australia





JBL ProCristal i30 FilterSponge

Replacement filter sponge for CristalProfi i 30

- Clean water, healthy fish: replacement sponge for JBL ProCristal i 30
- Clear aquarium water: replace filter sponge every 3 months
- Ideal cleaning: pore size 30 ppi
- Ideal biological filtering: promotes the settlement of beneficial cleansing bacteria
- Adding JBL FilterStart means immediate biological effectiveness

Art. no.
60993



JBL SuperClear for ProCristal i30

High perform. activated carbon for crystal-clear water

- Suitable for JBL ProCristal i30 internal filter: ready-to-use cartridge for crystal-clear water in the aquarium
- Easy to install: open the upper cap, insert the cartridge into the container, reattach the cap
- High performance activated carbon: special filter material binds and absorbs food remains and metabolic substances.
- Replace the filter material every month
- 25 ml special filter material per cartridge.

Art. no.
60991
60992

For
PC i30
PC i30

Content
2 x
6 x



JBL GreenStop for ProCristal i30

Special filter material to combat green water

- Suitable for JBL ProCristal i30 internal filter: ready-to-use cartridge combats green water in aquariums
- Easy installation: open the upper cap, insert the cartridge into the container, reattach the cap
- Filter material to combat algae: cartridge with dedicated filter material withdraws the algae nutrient from the water
- Monthly replacement of the filter material
- 25 ml special material per cartridge.

Art. no.
60994
60995

For
2 x
6 x

Content
PC i30
PC i30



JBL ProCristal i30 AlgaePrevent

Filter cartridge to combat algae in the aquarium

- Ready-to-use filter cartridge for JBL ProCristal i30 internal filter
- Easy to install: remove water outlet, put cartridge into container and reattach water outlet
- Removes the algae nutrient phosphate from the water and thus prevents algae problems
- Replace on a monthly basis
- Package contents: 2 cartridges with 25 ml phosphate remover each

Art. no.
60996

For
PC i30



JBL UniBloc CristalProfi i60/80/100/200

Foam cartridge for Cristal Profi i

- Clear and healthy water: replacement foam cartridge for aquarium filters CristalProfi i60-200
- Use: add FilterStart, insert into filter module
- Foam with ideal service life thanks to 25 ppi pores, effective mechanical and biological filtering.
- No release of harmful substances: 100% water neutral synthetic material
- Package contents: 1 replacement foam cartridge

Art. no.
60928

Content
1 Piece

For CPI
60-200



JBL PhosEx Ultra CristalProfi i60/80/100/200

Filter insert with active filter carbon for CristalProfi i

- Filter insert with active filter carbon to remove any residual medication and water discoloration
- To use: insert the filter basket into filter.
- Ready for use in filter basket (190 ml) with inner pipe
- No release of algae-promoting phosphate into the water
- Package contents: 1 filter insert with active filter carbon

Art. no.
60931

Content
190 ml

For
50-100 l



JBL CarboMec Ultra CristalProfi i60/80/100/200

Phosphate remover for CristalProfi i

- Clean and healthy water: filter insert with phosphate remover for CristalProfi
- To use: Insertion of filter basket into filter.
- Ready for use in filter basket (190 ml) with inner pipe
- Renew after 2-3 months or if the phosphate levels rise
- Package contents: 1 filter insert with phosphate remover

Art. no.
60930

Content
190 ml

For
50-100 l





JBL Clearmec CristalProfi i60/80/100/200
Nitrite, nitrate and phosphate eliminator for CristalProfi i

- Clean and healthy water: filter insert with nitrite, nitrate and phosphate eliminator for CristalProfi i
- To use: Insertion of filter basket into filter.
- Ready for use in filter basket (190 ml) with inner pipe
- Replacement after approx. 3 months
- Package contents: 1 filter insert with nitrite, nitrate and phosphate eliminator

Art. no.
60932

Content
 190 ml

For
 50-100 l



JBL Tormec CristalProfi i60/80/100/200
Active peat granulate for CristalProfi i

- Clean and healthy water: filter insert with active peat granulate for CristalProfi i
- Use: insert filter basket into the filter.
- Ready for use in filter basket (190 ml) with inner pipe
- Replace after approx. 3 months.
- Package contents: 1 filter insert with active peat granulate

Art. no.
60933

Content
 190 ml

For
 50-100 l



JBL MicroMec CristalProfi i60/80/100/200
High-performance filter balls for CristalProfi i

- Clean and healthy water: filter insert with high-performance filter balls for CristalProfi i
- Use: insertion of filter basket into filter.
- Ready for use in filter basket (190 ml) with inner pipe
- Filter balls can be cleaned
- Package contents: 1 filter insert with high-performance filter balls

Art. no.
60929

Content
 190 ml

For
 50-100 l



JBL TekAir replacement sponge
High-quality sponge for aquarium filter TekAir

- Efficient biological filter performance: high-quality, open-pored filter sponge for filter TekAir
- Use: reusable after rinsing
- Biological and mechanical filtering.
- Tip: use starter bacteria after cleaning or setting up a new aquarium.
- Package contents: 1 filter sponge for TekAir

Art. no.
61413

Content
 1 Piece



JBL UniBloc CristalProfi i40/TekAir blue, coarse
Foam cartridge for Cristal Profi i40 and TekAir

- Clear and healthy water: replacement foam cartridge for aquarium filters CristalProfi i40 and TekAir
- Use: add FilterStart. Usable for TekAir and CristalProfi i 40.
- Foam with ideal service life thanks to 25 ppi pores, effective mechanical and biological filtering.
- No release of harmful substances: 100% water neutral synthetic material
- Package contents: 1 replacement foam cartridge

Art. no.
60927

Content
 1 Piece

For CPI
 40/TekAir



JBL CristalProfi m greenline FilterPad
Spare sponge for CristalProfi m internal filter

- Clean, healthy water: spare sponge for the JBL CristalProfi m Internal Filter
- Easy to use: simply press the sponge into the internal filter from the outside
- Safe: fine pores – small fish and shrimps cannot be sucked in
- Pore size of the foam: 35 ppi
- Fully washable.

Art. no.
60967



JBL CristalProfi m greenline FilterPad Module
Spare filter foam for Cristal Profi m module

- Clean, healthy water: spare filter foam for the extension module of the des JBL CristalProfi m internal filter
- Exact fit
- For module 13 x 9 cm.
- Contains two spare filter foams
- Filter foam is washable.

Art. no.
60968





JBL FilterBag fine

Container bag for aquarium filter material

- Enables you to remove the filter material from the filter easily in order to clean or to replace it: universal mesh bag for filter material
- Container bag for 0.5 – 1.5 l filter material
- Water neutral nylon material: no release of substances into the water
- For fine filter material
- Incl. sealing clip

Art. no.
62551

Content
2 pcs.



JBL FilterBag wide

Container bag for coarse filter material

- Enables you to remove the filter material from the filter easily in order to clean or to replace it: universal mesh bag for filter material
- 2 container bags for 0.5 – 1.5 l filter material
- Water neutral nylon material: no release of substances into the water
- For coarse filter material such as JBL SintoMec or JBL Cermec
- Incl. useful reclosable sealing clip

Art. no.
62552

Content
2 pcs.



Toxotes chatareus, Litchfield, JBL Expedition Australia





JBL ProFlow t300
Submersible pump for the circulation of water

- Submersible pump with 80 – 300 l/h output. Use for bio filters, indoor fountains or other fountains
- Easy to install: connect hose or pipe with outlet 16/22 to the pump.
- Suitable for all bio filters, adjustable pump capacity, stainless steel shaft, high pumping head up to 0.5 m
- Tested to TÜV, low power consumption of 4 W, completely submersible (IPX8), sturdy mounting due to 3 suction cups
- Dimensions (L/H/W): 57 x 34.4 x 54.5 mm, incl. 3 suction cups

Art. no.
60580

Performance
 300 l/h

Watt
 4 W



JBL ProFlow t500
Submersible pump for the circulation of water

- Submersible pump with 200 – 500 l/h output. Use for bio filters, indoor fountains or other fountains
- Easy to install: connect hose or pipe with outlet 16/22 to the pump.
- Suitable for all bio filters, adjustable pump capacity, stainless steel shaft, high pumping head up to 0.5 m
- Tested to TÜV, low power consumption of 5 W, completely submersible (IPX8), sturdy mounting due to 3 suction cups
- Dimensions (L/H/W): 57 x 34.4 x 54.5 mm, incl. 3 suction cups

Art. no.
60581

Performance
 500 l/h

Watt
 5 W



JBL ProFlow u800
Universal pump for the circulation of water

- Universal pump with 900 l/h output. Use for bio filters, indoor fountains or other fountains
- Use in aquariums/terrariums as internal/external filter: connect hose inlet 19/25, outlet 16/22 to the pump
- Suitable for all bio filters, adjustable pump capacity, stainless steel shaft, high pumping head
- Tested to TÜV, low power consumption of 7 W, completely submersible (IPX8), sturdy mounting due to 4 suction cups
- Incl. 4 suction cups. Dimensions (L/H/W): 79.1 x 45.5 x 82.5 mm

Art. no.
60583

Performance
 900 l/h

Watt
 7 W



JBL ProFlow u1100
Universal pump for the circulation of water

- Universal pump with 1200 l/h output. Use for bio filters, indoor fountains or other fountains
- Use in aquariums/terrariums as internal/external filter: connect hose inlet 19/25, outlet 16/22 to the pump
- Suitable for all bio filters, adjustable pump capacity, stainless steel shaft, high pumping head
- Tested to TÜV, low power consumption of 12 W, completely submersible (IPX8), sturdy mounting due to 4 suction cups
- Incl. 4 suction cups. Dimensions (L/H/W): 79.1 x 45.5 x 82.5 mm

Art. no.
60584

Performance
 1200 l/h

Watt
 12 W



JBL ProFlow u2000
Universal pump for the circulation of water

- Universal pump with 2000 l/h output. Use for bio filters, indoor fountains or other fountains
- Use in aquariums/terrariums as internal/external filter: connect hose inlet 27/35, outlet 19/25 to the pump
- Suitable for all bio filters, adjustable pump capacity, stainless steel shaft, high pumping head
- Tested to TÜV, low power consumption of 35 W, completely submersible (IPX8), sturdy mounting due to 4 suction cups
- Incl. 4 suction cups. Dimensions (L/H/W): 107 x 54 x 96 mm

Art. no.
60585

Performance
 2000 l/h

Watt
 35 W



JBL ProFlow sf (u800,1100,2000)
Fast filter cartridge for ProFlow universal pump

- Clean and healthy water in small aquariums: fast filter cartridge for ProFlow u
- Mount filter cartridge on universal pump (not included). Mount with suction cups
- Mechanical and biological filtering
- Pore structure creates good opportunities for cleansing bacteria to settle. Long service life
- Dimensions (L/H/W): 17 x 7 cm (widest point). 25 mm hole for inlet strainer

Art. no.
60610



Rio Carrao, Canaima, JBL Expedition Venezuela





JBL AutoFood BLACK

Automatic feeder for aquarium fish

- Practical automatic feeder: automatic feeding of aquarium fish – For all granulates up to 3 mm
- Easy setting: up to 4 feeds per day
- On/Off switch for manual operation, easy adjustment of feeding times and quantity
- Air connection to keep the food dry
- Universal mounting with suction cups or mounting clamps (can rotate 360° on the mount).

Art. no.
60615

Colour
black



JBL AutoFood WHITE

Automatic feeder for aquarium fish

- Practical automatic feeder: automatic feeding of aquarium fish – For all granulates up to 3 mm
- Easy setting: up to 4 feeds per day
- On/Off switch for manual operation, easy adjustment of feeding times and quantity
- Air connection to keep the food dry
- Universal mounting with suction cups or mounting clamps (can rotate 360° on the mount).

Art. no.
60616

Colour
white



AutoFood *Black* *White*





JBL PREMIUM Fish Net - coarse

Wide-mesh premium aquarium catch net

- Gentle capture of aquarium fish: wide-meshed aquarium catch net with black net.
- Use in fresh and saltwater aquariums.
- Black net fabric makes catching fish easier, extra durable nylon netting
- Available in various sizes
- Reinforced handle for daily use

Art. no.	Length	Width
61033	31 cm	8 cm
61034	33 cm	10 cm
61035	35 cm	13 cm
61036	43 cm	15 cm
61037	45 cm	20 cm
61038	54 cm	25 cm



JBL PREMIUM Fish Net - fine

Narrow-mesh premium aquarium catch net

- Catch aquarium fish gently: narrow-meshed aquarium catch net with black net
- Use in fresh and saltwater aquariums.
- Black net fabric makes catching fish easier, extra durable nylon netting
- Available in various sizes.
- Reinforced handle for daily use.

Art. no.	Length	Width
61041	31 cm	8 cm
61042	33 cm	10 cm
61043	35 cm	13 cm
61044	43 cm	15 cm
61045	45 cm	20 cm
61046	54 cm	25 cm



JBL PREMIUM Fish Net extra long

Wide-meshed premium aquarium catch net

- Catch aquarium fish gently: wide-meshed aquarium catch net with extra-long handle (40 cm) and black net
- Use in freshwater and saltwater aquariums.
- For better handling or higher aquariums, makes catching fish easier, extra durable nylon netting
- Available in narrow-meshed and wide-meshed design.
- Reinforced handle for daily use.

Art. no.	Length	Width
61047	41 cm	15 cm
61039	41 cm	15 cm



JBL Pond Landing Net, short
Pond catch net with 90 cm telescopic handle

- Catching pond fish gently: robust catch net with aluminium handle
- Telescopic handle expandable to 90 cm, with handle reinforcement
- To make catching fish easier: stable net fabric, durable netting, reinforced handle for daily use
- Available with fine-meshed white or coarse meshed black net
- Contents: 1 JBL pond catch net with telescopic handle, 90 cm length, 30.5 x 20.5 cm

Art. no.	Length	Width
28705	90 cm	30,5 cm
28706	90 cm	30,5 cm



JBL Pond Landing Net, long
Pond catch net with 190 cm telescopic handle

- Catching pond fish gently: robust catch net with sturdy aluminium handle
- Telescopic handle expandable to 190 cm, with handle reinforcement
- To make catching fish easier: stable net fabric, coarse netting, reinforced handle for daily use
- Available with fine-meshed white or coarse meshed black net
- Contents: 1 JBL pond catch net with telescopic handle, 190 cm length, 35 x 30 cm

Art. no.	Length	Width
28701	190 cm	35 cm
28702	190 cm	35 cm



Orinoco Eco Camp, JBL Expedition Venezuela





JBL Aquarium tubing GREY
Water hose for aquariums
 • Flexible water hose with a diameter of 9/12 mm
 • Free of heavy metals, without soft PVC components
 • Premium quality
 • Transparent grey
 • Contents: 1 water hose, Aquaschlauch GREY, length: 2.5 m.

Art. no.	Ø	Length
61086	4/6	2,5 m
61087	9/12	2,5 m
61088	12/16	2,5 m
61089	16/22	2,5 m
61090	19/25	2,5 m



JBL Aquariumhose GREY on spool
Grey aquarium hose, wound on reel
 • Multi-purpose aquarium hose for water change, filters etc.
 • Grey tinted, transparent hose, free of heavy metals
 • Data printed on hose: dimensions and EAN barcode
 • Available as air hose or water hose in various diameters
 • Contents: 1 plastic reel with rolled up (non-kinked) hose. Colour: transparent grey

Art. no.	Ø	Length
61120	4/6	200 m
61121	9/12	70 m
61122	12/16	50 m
61123	16/22	25 m



JBL Aquarium tubing GREEN
Water hose for aquariums
 • Flexible water hose with a diameter of 9/12 mm
 • Free of heavy metals
 • Premium quality
 • Transparent green
 • Contents: 1 water hose, Aquaschlauch GREEN, length: 2.5 m

Art. no.	Ø	Length
61081	4/6	2,5 m
61082	9/12	2,5 m
61083	12/16	2,5 m
61084	16/22	2,5 m



JBL Aquahose GREEN on spool
Green aquarium hose, wound on reel
 • Multi-purpose aquarium hose for water change, filters etc.
 • Grey tinted to prevent algae growth inside the hose, free of heavy metals
 • Data printed on hose: dimensions and EAN barcode
 • Available as air hose or water hose in various diameters
 • Contents: 1 plastic reel with rolled up (non-kinked) hose. Colour: transparent green.

Art. no.	Ø	Length
61111	4/6	200 m
61112	9/12	70 m
61113	12/16	50 m
61114	16/22	25 m



JBL Silicone hose
Semi-transparent air hose, rolled on reel
 • Aquarium hose for various purposes such as air supply etc.
 • Semi-transparent hose made of silicone-like material, free of heavy metals
 • Extremely long service life and very flexible
 • Diameter: 4/6 mm (internal and external diameter)
 • Contents: 1 plastic reel with 100 m rolled up hose (no kinks). Semi-transparent colour.

Art. no.	Ø	Length
61119	4/6	100 m



JBL Silicon tubing
Silicone hose with 2.5 m length and 4/6 mm diameter
 • Flexible silicone hose for air pumps, with a diameter of 4/6 mm
 • Free of heavy metals.
 • Silicone-like material
 • Unsuitable for CO2.
 • Package contents: 1 silicone hose. Length: 2.5 m, Ø 4/6 mm

Art. no.	Ø	Length
61085	4/6 mm	2,5 m



JBL ProFlora T3
Special hose for CO₂ systems in aquariums
 • Accessory for plant fertiliser systems: special CO₂-proof hose for aquariums
 • Easy to install: connect hose to the CO₂ system and diffuser (system and diffuser not included)
 • Transparent, special CO₂-proof hose
 • Loss-free transport of CO₂ gas
 • For all common CO₂ systems

Art. no.	Colour	Length
64466	black	3 m
63463	clear	3 m



Accessories > tubes & accessories > accessories tubes



JBL Anti-Kink
Anti-kink protection for hoses

- Anti-kink protection for hoses
- Extremely long service life
- Protection: prevents the hoses kinking and bursting as a result of excess pressure, enhances performance by maintaining the full flow rate
- Available for 2 hose diameters
- Package contents: 1 anti-kink protection for hoses in a pack of 2, AntiKink

Art. no. 0
63137 16 mm
63138 22 mm



JBL ClipSafe
Multi-purpose hose clips for aquarium hoses

- No dragging of buckets, no suction by mouth: extension kit for Aqua In Out
- Easy to install: connection of hose ends by means of the screw clamp connection.
- Safe: prevents flooding and wet floors caused by uncontrolled movements of the hose
- Two holder sizes: for 12 and 16 mm hose diameter
- Package contents: 1 x hose clips in pack of 2, ClipSafe (12-16 mm)

Art. no. For
61091 12-16 mm



JBL Cleany
Double-ended hose brush for hoses

- Dry water change: reliable attachment of hoses with retaining clips
- Easy to use: fix the retaining clip at the bucket or aquarium rim, place the hose into suitable mount
- 160 cm long – cleaning of all hoses with 9 or 30 cm internal diameter
- Up to 30 % more filter performance, averts a loss in performance: maintains the biological balance in the aquarium
- Package contents: 1 double-ended hose brush, Cleany

Art. no. For
61361 9-30 mm



Accessories > tubes & accessories > suction holder



JBL Suction cup with clip 12 mm
Rubber suction pads with clips for objects with 12 mm

- Rubber holder with robust clip
- Easy to attach: click the object into the clip, position it in the desired place.
- Stable hold: holds all objects with 12 mm diameter
- Clip and suction holder can be separated
- Contents: 1 pack suction pads with clips 12 mm, incl. 2 suction pads, 2 clips

Art. no. For Ø
60855 12 mm



JBL Suction cup with clip 16 mm
Rubber suction pads for objects of 16 mm in diameter

- Rubber holder with robust clip
- Easy to attach: click the object into the clip, position it in the desired place
- Stable hold: holds all objects with 12 mm diameter
- Clip and suction holder can be separated
- Contents: 1 pack suction pads with clips 16 mm, incl. 2 suction pads, 2 clips

Art. no. For Ø
60856 16 mm



JBL Suction cup with clip 23-28 mm
Rubber suction pads for objects of 23-28 mm in diameter

- Rubber holder with robust clip
- Easy to attach: click the object into the clip, position it in the desired place
- Stable hold: holds all objects with 12 mm diameter
- Clip and suction holder can be separated
- Contents: 1 pack suction pads with clips 23 - 28 mm, incl. 2 suction pads, 2 clips

Art. no. For Ø
60408 23-28 mm



JBL Suction cup with clip 37 mm
Rubber suction cup with clip for objects of 37-45 mm

- Holds all round objects of 37-45 mm, such as JBL Taifun diffusers
- Press suction cup onto aquarium pane and click object into the clips
- Very stable transparent plastic clips with black rubber suction cups
- Clips open on one side to facilitate removal of object being held
- Contains: 2 clips complete with suction cups

Art. no. For Ø
63134 37-45 mm





JBL Suction cup 5 mm

Rubber suction cups for objects of 5 mm in diameter

- Rubber suction holders to fix thermometers in aquariums and terrariums
- Firm hold: thermometer does not slip, thermometer remains easy to read
- Black rubber suction holders, suitable for all objects 5 mm in diameter, e.g. thermometer, air hose
- Easy to attach: put the object through the closed suction holder and attach it to the aquarium/terrarium
- Contents: 1 pack suction holders (2 pcs.). Ø 0.5 cm

Art. no.
61217



JBL suction cup 6 mm

Rubber suction cups for objects 6-7 mm in diameter

- Rubber suction holders to fix thermometers in aquariums and terrariums
- Firm hold: thermometer does not slip, thermometer remains easy to read
- Black rubber suction holders, suitable for all objects 6 mm in diameter, e.g. thermometer, air hose
- Einfache Anbringung: Objekt durch den geschlossenen Lochsauger stecken und im Aquarium/Terrarium befestigen
- Contents: 1 pack suction cups (2 pcs.). Ø 0.5 cm

Art. no.
63135

For Ø
6-7 mm



JBL Suction cup 12 mm

Rubber suction pads for objects of 11-12 mm in diameter

- Rubber suction holder to fix thermometers in aquariums and terrariums
- Firm hold: thermometer does not slip and remains easy to read
- Black rubber suction holders, suitable for all objects 12 mm in diameter, e.g. thermometer, air hose
- Easy to attach: put the object through the closed suction holder and attach it to the aquarium/terrarium
- Contents: 1 pack suction holders (2 pcs.). Ø 0.5 cm

Art. no.
63136

For Ø
11-12 mm



JBL Slit suction cup 2 mm

Holder for heating cables in aquariums and terrariums

- Rubber holders to attach heating cables in aquariums and terrariums
- Optimal heating operation: no slipping of cable
- Suitable for all cables and objects 2 - 4 mm in diameter
- Problem-free laying: place slit suction pads in position on tank bottom, press onto bottom, click on heating cable
- Contents: 1 package slit suction pads (6 pcs.)

Art. no.
60414

For Ø
2-4 mm



JBL FixSet

Suction pads and spacers for external filters

- Accessories for external filters: suction pad and spacer set for pipes and hoses
- Connect the clips to the suction pad, attach to the pipe or hose, attach at desired place
- 2 suction pads: centre of pipe 2cm away from wall, suction pad with spacer clips: centre of pipe 3.5cm away from pane
- Reliable: holds pipes and hoses
- Spacer clips are the solution for aquariums with struts at the upper edge

Art. no.
60153
60154
60236

For CPe
4/7/900/1
1500/1
1901



Kakadu Nationalpark, JBL Expedition Australia

Accessories > Breeding > Breeding hang-up box



JBL BabyHome Oxygen

Premium spawning box complete kit with air pump

- Separation / isolation: extra-large spawning box with cover and oxygen supply for the breeding of fry
- Complete kit – ready for immediate use: use as double spawning box, single spawning box or as breeding container
- Healthy fish: rising air bubbles for good water circulation and to promote the hatching rate, two-part container
- Airlift principle: continuous water flow with water pump – more well-being, reduction of loss rate, output 3 W
- Package contents: 1 premium spawning box - BabyHome Oxygen.

Art. no.
64320

Watt
3 W



JBL BabyHome pro Air

Spawning box for air stone installation

- Protection against large fish: spawning box for viviparous aquarium fish; isolation tank for sick fish
- 3 functions: single spawning box, double spawning box or breeding box
- Effective – for air stones: reduces the risk of a fungal infection of the spawn thanks to its oxygen content
- Simple installation: attachment of the spawning box at the aquarium wall. Slits of the spawn grid: 2 mm; side slits: 0.5 to 0.8 mm
- Contents: 1 spawning box for air stone installation. Size: 250 x 100 mm

Art. no.
64315

Length
250 mm

Width
100 mm



JBL N-Box

Net spawning box

- Large 2 litre volume for better growth of the young fish
- Optimum water flow
- Suitable for use as spawning box in combination with coarse filter floss
- L: 17 cm x W: 12,5 cm x H: 13,5 cm

Art. no.
61502



Accessories > Breeding > Breeding spawning aids



JBL DisCon

Spawning cone for discus fish

- Ideal spawning aid for discus fish: spawning cone for egg laying female discus fish
- High acceptance due to cone-shaped structure. Easy disinfection and cleaning
- Stable and unbreakable – made of neutral plastic material
- Easy disinfection and cleaning: boil spawning cone in hot water for about 2 hour
- Contents: 1 spawning cone for discus fish, DisCon. Height: 25.5 cm Ø 11.1 cm

Art. no.
61366

Ø
111 mm

Height
255 mm



JBL Ceramic spawning cave

Ceramic cave for freshwater aquariums

- For fish who love caves: ceramic spawning cave for freshwater aquariums, made of neutral fired clay
- Place for storing eggs: for cave breeding fish such as long-whiskered cat fish and rainbow kribis
- Outside the breeding season: hiding place
- Neutral design, for freshwater aquariums.
- Package contents: 1 ceramic spawning cave. Height: 12.5, Ø 11.5 cm

Art. no.
61501

Ø
115 mm

Height
125 mm



Accessories > Traps



JBL LimCollect II

Chemical-free snail trap for aquariums

- Catch unwanted snails in the aquarium: chemical-free snail trap with variable height limit of the inlet
- Easy to use: fill the snail trap with food, place the snail trap in the aquarium overnight
- Two small rods for the variable height limit: to prevent fish from entering unintentionally
- Water flow: no oxygen problems for fish caught unintentionally
- Package contents: 1 chemical-free snail trap, Lim Collect II. Size: 11.7 x 9 cm

Art. no.
61401

Length
117 mm

Width
90 mm



JBL PlanariCollect

- Available soon

Art. no.
61455





JBL Aquarium thermometer

Aquarium thermometer

- Precise measurement and healthy fish: glass thermometer for aquariums
- Easy to install: attach thermometer with suction cup inside the aquarium
- Marked with the optimum temperature range, floats vertically without attachment
- Acid and alkali-resistant suction holder
- Incl. suction holder

Art. no.
61405



JBL AquaThermometer Premium
Slim glass precision thermometer

- Precise measurement and healthy fish: glass thermometer for aquariums with an accuracy of 0.5 °C.
- Easy to install: suction cup attaches thermometer to the aquarium
- Made in Germany: 15 cm glass capillary, temperature range from 0 - 50 °C
- Acid and alkali-resistant suction holder
- Package contents: 1 aquarium thermometer Premium. Incl. suction cup

Art. no.
61407



JBL Digital thermometer
Digital aquarium thermometer

- High accuracy of measurement and healthy fish: digital aquarium thermometer
- Easy to use: attach to the aquarium pane from the outside.
- Ideal temperature range is labelled
- Suitable for fresh and saltwater
- Package contents: 1 digital aquarium thermometer

Art. no.
61406



JBL Hang On Aquarium Thermometer
Precision thermometer for hanging

- Precise measurement and healthy fish: precision thermometer for hanging – temperature range: 0 – 40 °C.
- Easy to fix: hang glass body over the aquarium pane.
- Made in Germany: precision capillary. Elegant, curved glass body.
- Available in three variations.
- Package contents: 1 precision thermometer, Hang-on aquarium thermometer S. Lengst: 11.5 cm

Art. no. For glass
61211 6 mm
61213 15 mm



JBL Aquarium thermometer Mini
Aquarium thermometer

- Precise measurement for healthy fish: mini thermometer has fine measuring scale with a 2 °C gradation
- Easy to install: attach with suction cup (also suitable for clamping onto JBL CristalProfi m internal filter)
- Safe: blue, non-toxic alcohol filling (instead of mercury)
- Scale from 0 to 50 °C
- Fine measuring scale with a 2 °C gradation, incl. suction cup

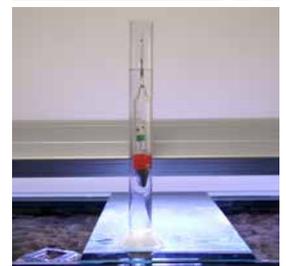
Art. no. Length Ø
61216 60 mm 5 mm



JBL Precision hydrometer
Hydrometer for saltwater aquariums

- Suitable for use in scientific contexts: hydrometer with stable stand, thermometer and measuring vessel
- Convenient to use: fill half of the measuring vessel with saltwater, read the density after 1 minute.
- Reading accuracy to 0.0005 units.
- Thermometer and built-in temperature correction scale, transport cylinder serves as measuring vessel
- Package content: 1 density measurement device for saltwater, hydrometer with thermometer + measuring vessel

Art. no.
61408



Canaima JBL Expedition Venezuela

Accessories > set-up & maintenance

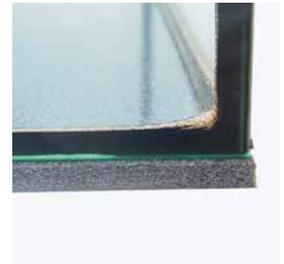


JBL AquaPad

Special underlay for aquariums and terrariums

- Prevention of tension in the glass – compensates unevenness: special underlay for aquariums
- Easy to use: place the AquaPad under the aquarium
- Compensates unevenness, prevention of heat loss
- Prevention of glass breakage, stability
- Contents: 1 special underlay for aquariums and terrariums

Art. no.	Length	Width
61100	60 cm	30 cm
61101	80 cm	40 cm
61102	100 cm	40 cm
61106	100 cm	50 cm
61103	120 cm	40 cm
61104	120 cm	50 cm
61105	150 cm	50 cm



Accessories > set-up & maintenance > tools



JBL ProScape Tool S straight

Straight trimming scissors for cutting plants

- Professional plant trimming to create aquarium landscapes: straight trimming scissors for aquascaping
- Easy to use: 27mm sized finger holes also suitable for bigger fingers, fatigue-free working. Weight: 60.5g, length: 20cm
- Especially smooth surface: stainless high-quality steel, made in Japan with extremely high cutting precision
- Maintenance tip: rinse with freshwater after use in saltwater
- Package contents: 1 pair straight trimming scissors for aquascaping, ProScape Tool S straight

Art. no.	Length
61540	20 cm
61541	30 cm



JBL ProScape Tool S curved

Angled trimming scissors for plant maintenance

- Professional and comfortable trimming of plants to create aquarium landscapes: angled trimming scissors
- Easy handling: 27 mm sized finger holes also suitable for bigger fingers, fatigue-free working. Weight: 62.5 g, length: 20 cm
- Especially smooth surface: stainless high-quality steel, made in Japan with extremely high cutting precision
- Maintenance tip: rinse with freshwater after use in saltwater
- Package contents: 1 pair angled trimming scissors for aquascaping, ProScape Tool S curved

Art. no.	Length
61543	20 cm
61544	30 cm



JBL ProScape Tool S wave

Wave shaped scissors for plant maintenance

- Prof. clipping of lawn forming plants and for plants, difficult to reach in aquarium landscapes: wave shaped scissors
- Easy handling: 27mm sized finger holes, suitable for bigger fingers, fatigue-free working, weight: 51.8 g, length: 20 cm
- Especially smooth surface: stainless high-quality steel, made in Japan with extremely high cutting precision
- Maintenance tip: rinse with freshwater after use in saltwater
- Package contents: 1 pair wave shaped scissors for aquascaping, ProScape Tool S wave

Art. no.	Length
61546	20 cm



JBL ProScape Tool S spring

Curved spring scissors for mosses and lawn plants in aquariums

- Professional cutting of mosses and lawn plants for the design of aquarium landscapes: curved spring scissors
- Easy to use: 27 mm sized finger holes also suitable for bigger fingers, fatigue-free working. Weight: 19.5 g, length: 16 cm
- Especially smooth surface: stainless high-quality steel, made in Japan with extremely high cutting precision
- Maintenance tip: rinse with freshwater after use in saltwater

Art. no.	Length
61547	16 cm



JBL ProScape Tool P straight

Straight pincers for decoration, insertion of plants

- Professional insertion of aquatic plants for the design of aquarium landscapes: straight pincers for aquascaping.
- Easy handling: fatigue-free working thanks to its light weight: 78.3 g, length: 30 cm
- Protects plant: tips with cross corrugation, especially smooth surface: stainless high-quality steel, made in Japan.
- Maintenance tip: rinse with freshwater after use in saltwater
- Package contents: 1 pair straight pincers for aquascaping, ProScape Tool P straight

Art. no.	Length
61548	30 cm



JBL ProScape Tool P slim line

Pincers for the decoration and insertion of plants

- Professional insertion of aquatic plants for the design of aquarium landscapes: slender and straight pincers
- Easy to use: fatigue-free working thanks to its light weight: 44.8 g, length: 30 cm
- Protects plant: tips with cross corrugation, especially smooth surface: stainless high-quality steel, made in Japan.
- Maintenance tip: rinse with freshwater after use in saltwater
- Package contents: 1 pair slender, straight pincers for aquascaping, ProScape Tool P slim line

Art. no.	Length
61549	30 cm



The world's best aquascapers use JBL products



Although aquascaping is an art, any aquarium owner can set up an aquarium artistically. There are no rules and anyone can scape as they want, whether it's a biotope aquarium or a reproduction of a landscape.



Here is one of Philipp Tauchmann's aquascapes.





JBL ProScape Tool P curved

Pincers for plants and aquarium decorations

- Professional decoration and insertion of plants for the design of aquarium landscapes: angled pincers
- Easy to use: fatigue-free working thanks to its light weight: 75.3 g, length: 30 cm
- Protects plant: tips with cross corrugation, especially smooth surface: stainless high-quality steel, made in Japan.
- Maintenance tip: rinse with freshwater after use in saltwater
- Package contents: 1 pair angled pincers for aquascaping, ProScape Tool P curved

Art. no.
61550

Length
30 cm



JBL ProScape Tool SP straight

Double spatula for aquarium design

- Professional ground covering design and planting of aquarium landscapes: double spatula for aquascaping
- Easy to use: fatigue-free working thanks to light weight: 78.6 g, length: 30 cm
- 2 spatula sizes: 62 mm and 25 mm, extremely smooth surface: stainless high-quality steel, made in Japan.
- Maintenance tip: rinse with freshwater after use in saltwater
- Package contents: 1 double spatula for aquascaping, ProScape Tool SP straight

Art. no.
61551

Length
30 cm



JBL ProScape Tool Bag

Work bag for scaping tools

- Offers quick access to the scaping tools when setting up an aquarium, used as belt bag or in an open standing position
- With loops for 6 tools (JBL ProScape Tools) and mesh pocket
- With sturdy plastic insert, to give the bag a stable open standing position
- Waterproof design. Size 16x33.5 cm
- As belt adjustable from 105 to 167 cm. As sling for all sizes

Art. no.
61555



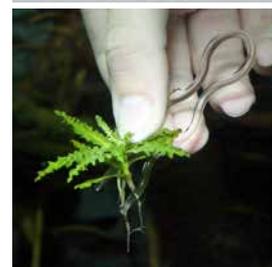
JBL ProScape Plantis

Plant pegs for the anchoring of aquarium plants

- Hold for all plants: pegs to anchor plants safely in the aquarium substrate until the roots have taken firm hold
- Easy to use: clip the peg around the plant root, anchor the root in the substrate
- Unbreakable plastic, for freshwater and saltwater aquariums
- No damage to plants or substrate
- Package contents: 1 x plant pegs in pack of 12, ProScape Plantis

Art. no.
61368

Content
12 pcs.



JBL CombiFix

Plant tongs for aquariums

- Professional work on aquariums without wet hands: plant tongs for fresh- and saltwater aquariums and terrariums
- Dry arms: 46 cm long tongs for gripping dead plant leaves or sunken materials
- Best grip: slightly enlarged fluted tip for delicate work on plants
- Easy cleaning: clean plastic tongs under running water
- Package content: 1 plant tongs for aquariums

Art. no.
61505

Length
46 cm



Marcel Reiter

JBL ProScape Tools

Just the right tools for every ProScaper for designing and maintaining scapes

The JBL ProScape tools meet the requirements of the professional aquascaping perfectly. They are produced from high-quality steel, made in Japan, (with an extremely smooth surface) for scissors with the best quality and the highest cutting precision. The pincers have crosswise fluted tips to hold the plants optimally without squeezing them. All instruments have an ideal weight for fatigue-free handling. Scaping an aquarium couldn't be more fun!

Aquascaping champions will explain what each JBL ProScape tool is needed for

- ① **JBL ProScape Tool SP:** It is practically impossible to shape the ground-covering material neatly without the two-sided JBL trowel.
- ② **JBL ProScape Tool S straight:** The straight scissors are required to remove the rock wool or even the gelatine from the in vitro plants. First you cut the roots at least 50% back and then you rake the rock wool out of the roots with the tips of the scissors.
- ③ **JBL ProScape Tool P slim line:** On long roots, e.g. from Cryptocorynes, the combing out of the rock wool works better with the slim line pincers than with the scissors. When inserting the plants we use the slender pincers to place the plants deep into the ground.
- ④ **JBL ProScape Tool S spring:** In addition to the cutting of moss the spring scissors are ideally suited to remove the plant leaves before insertion. Especially when many leaves have to be removed, the fatigue-free work with the JBL spring scissors is a real relief.
- ⑤ **JBL ProScape Tool S curved:** Those who want to cut leaves in a set up aquarium can't manage without angled scissors. Always cut the leaves as close as possible to the base of the plant!
- ⑥ **JBL ProScape Tool S wave:** Wave scissors are the best way to get a grip on lawn fields under water.
- ⑦ **JBL ProScape Tool P:** Long pincers are vital when inserting plants. For single plants many professionals prefer the straight version, whereas several plants together are often more easily inserted with the curved pincers.





JBL Manado

Natural substrate for freshwater aquariums

- Ideal for plant care: substrate for freshwater aquariums
- Prevents algae: effective settlement of soil bacteria and optimum root growth due to natural pore structure
- No unwanted pollutants released into the water. Round-shaped granule grains are gentle on sensitive barbels
- High storage capacity: the natural substrate absorbs the surplus nutrients and releases them when required
- Support of the filter due to huge colonisation area for pollutant-degrading bacteria

Art. no.	Content	Range
67021	1,5 l	10 l
67022	3 l	25 l
67023	5 l	50 l
67024	10 l	100 l
67025	25 l	350 l



Moorea Lagoon, JBL Expedition Pacific-Australia



JBL Sansibar DARK

Dark substrate for aquariums

- Perfect hold for plant roots: substrate for freshwater and saltwater aquariums and terrariums
- Vigorous plant growth: prevents the seeping in of waste material with its fine granulation and density
- No release of unwanted pollutants into the water. Fine, round-shaped granite sand is gentle on sensitive barbels
- No light reflections: easily scared animals feel more comfortable and show their full, natural colouring
- Not really suitable for undergravel heating cables

Art. no.	Content
67050	5 kg
67051	10 kg



JBL Sansibar WHITE

White substrate for aquariums

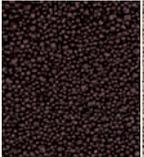
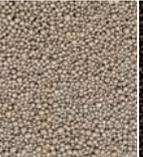
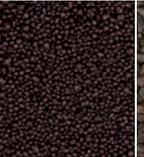
- Substrate for freshwater aquariums. Also suitable for seawater and terrariums
- Vigorous plant growth: prevents the seeping in of waste material with its fine granulation and density
- No release of unwanted pollutants into the water. Fine, round-shaped quartz sand is gentle on sensitive barbels
- Use: spread substrate on top of the nutrient substrate (approx. 6-8 cm for vigorous plant growth)
- Not really suitable for undergravel heating cables

Art. no.	Content
67055	5 kg
67056	10 kg



The JBL Substrates for Aquariums at a Glance

Following nature's example we have a variety of substrates to choose from, and the following factors need to be taken into account when selecting the right substrate for aquariums: For bottom-dwellers the aquarium ground shouldn't be sharp-edged. Those who want to lay an undergravel heating cable should take a substrate with a not too fine structure. Soils have special properties which make them recommendable for special scapes or for shrimps but they are less suited for "normal" community aquariums.

	JBL ProScape PlantSoil	JBL ProScape PlantSoil	JBL ProScape ShrimpsSoil	JBL ProScape ShrimpsSoil	JBL ProScape VolcanoMineral
Type of material					
Colour	double burned soil beige	double burned soil brown	double burned soil beige	double burned soil brown	volcanic lava rock brown
Hardening	softening	softening	softening	softening	neutral
Fertiliser	with	with	without	without	without
Quantities	3 l, 9 l	3 l, 9 l	3 l, 9 l	3 l, 9 l	3 l, 9 l



JBL Sansibar RIVER

Light substrate for aquariums

- Substrate for freshwater aquariums and aqua-terrariums
- Coarse-grained, round-shaped sand is gentle on sensitive barbels. Ideal for digging fish, e.g. armoured catfish, loaches
- Ideal for fish, invertebrates and plants: no release of unwanted pollutants into the water.
- Spread on top of the nutrient substrate (6-8 cm for vigorous plant growth). Well suited for undergravel heater cables
- Not really suitable for undergravel heating cables

Art. no.
67058
67059

Content
5 kg
10 kg



JBL Sansibar SNOW

Snow-white substrate for aquariums

- Substrate for freshwater and saltwater aquariums and aqua-terrariums
- Ideal for fresh and saltwater: its fine granulation and density prevents waste material from seeping in
- Fine, round-shaped natural sand is gentle on sensitive barbels. Ideal for grubbing fish, e.g. armoured catfish, loaches
- Ideal for fish, invertebrates and plants: no unwanted pollutants released into the water.
- Not really suitable for undergravel heating cables

Art. no.
67060
67061

Content
5 kg
10 kg



JBL Sansibar GREY

Grey substrate for aquariums

- Fine, uncoloured substrate for freshwater and saltwater aquariums and aqua-terrariums
- Vigorous plant growth: prevents the seeping in of sludge with its fine granulation and density
- Fine, round-shaped natural sand is gentle on sensitive barbels. Ideal for grubbing fish, e.g. armored catfish, loaches
- Ideal for fish, invertebrates and plants: no unwanted pollutants released into the water.
- Not really suitable for undergravel heating cables

Art. no.
67062
67063

Content
5 kg
10 kg



JBL Sansibar ORANGE
Orange substrate for aquariums

- Fine, uncoloured substrate for freshwater and saltwater aquariums and aqua-terrariums
- Vigorous plant growth: prevents the seeping in of sludge with its fine granulation and density
- Fine, round-shaped natural sand is gentle on sensitive barbels. Ideal for grubbing fish, e.g. armored catfish, loaches
- Ideal for fish, invertebrates and plants: no release of unwanted pollutants into the water.
- Not really suitable for undergravel heating cables

Art. no.
67064
67065

Content
5 kg
10 kg



JBL Sansibar RED

Red substrate for aquariums

- Fine, uncoloured substrate for freshwater and saltwater aquariums and aqua-terrariums
- Vigorous plant growth: prevents the seeping in of sludge with its fine granulation and density
- Fine, round-shaped natural sand is gentle on sensitive barbels. Ideal for grubbing fish, such as armored catfish and loaches
- Ideal for fish, invertebrates and plants: no unwanted pollutants released into the water.
- Not really suitable for undergravel heating cables

Art. no.
67066
67067

Content
5 kg
10 kg



	JBL Manado	JBL Sansibar Dark	JBL Sansibar White	JBL Sansibar River	JBL Sansibar Snow	JBL Sansibar Grey	JBL Sansibar Orange	JBL Sansibar Red
Type of material	fired clay	granite	quartz	quartz	quartz	granite	quartzite	gneiss
Colour	brown	black	white	white-gray	snow white	gray	orange	red
Hardening	slightly hardening	neutral	neutral	neutral	neutral	neutral	neutral	neutral
Fertiliser	without	without	without	without	without	without	without	without
Quantities	1,5 l, 3 l, 5 l, 10 l, 25 l	5 kg, 10 kg	5 kg, 10 kg	5 kg, 10 kg	5 kg, 10 kg	5 kg, 10 kg	5 kg, 10 kg	5 kg, 10 kg



JBL ProScape PlantSoil BEIGE

Beige substrate for aquascaping

- Special substrate for aquascaping aquariums
- Thriving plant growth: ideal oxygen supply and circulation due to medium grain size
- Immediate nutrient and mineral supply for plants
- Tropical water values: slightly acidic pH values and low carbonate hardness. Reduces water hardness – water becomes soft
- Ideal for the care and cultivation of most aquatic plants

Art. no.

67073

67074

Content

3 l

9 l



JBL ProScape PlantSoil BROWN

Brown freshwater substrate for aquascaping

- Special substrate for aquascaping aquariums
- Thriving plant growth: ideal oxygen supply and circulation due to medium grain size
- Immediate nutrient and mineral supply for plants
- Tropical water values: slightly acidic pH values and low carbonate hardness. Reduces water hardness – water becomes soft
- Optimal for the care and cultivation of most aquatic plants

Art. no.

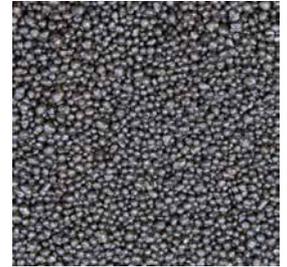
67080

67081

Content

3 l

9 l



JBL ProScape ShrimpsSoil BEIGE

Beige substrate for shrimp aquariums

- Soil: especially for aquascaping aquariums with shrimps
- Softening effect makes it especially suitable for shrimps and other animals which prefer soft water
- Thriving plant growth: ideal oxygen supply and circulation due to medium grain size
- Tropical water values: slightly acidic pH values and low carbonate hardness
- Reduces water hardness – water becomes soft

Art. no.

67075

67076

Content

3 l

9 l



JBL ProScape ShrimpsSoil BROWN

Brown substrate for shrimp aquariums

- Soil: especially for aquascaping aquariums with shrimps
- Softening effect makes it especially suitable for shrimps and other animals which prefer soft water
- Ideal oxygen supply and circulation thanks to medium grain size. Immediate nutrient/mineral supply
- Tropical water values: slightly acidic pH values and low carbonate hardness.
- Reduces water hardness – water becomes soft

Art. no.

67084

67085

Content

3 l

9 l



JBL ProScape Volcano Mineral

Volcanic natural substrate for aquascaping

- Dedicated substrate for aquascaping aquariums
- Porous volcanic rock for water circulation at bottom of aquarium. Supplies plant roots with organic plant nutrients
- Ideal oxygen supply, circulation through open-pored structure. Long-term nutrient/mineral supply
- No slipping: volcanic rock becomes firmly interlocked.
- Ideally suited for a firm foundation

Art. no.

67077

67078

Content

3 l

9 l



JBL Aquarium DreamScape



JBL FIXOL
Adhesive for background pictures in aquariums and terrariums

- Perfect hold without bubbles: non-toxic adhesive for glossy plastic foil backgrounds
- Complete visibility: no annoying reflections caused by air gaps or unwanted bubbles (3D effect)
- To use: apply adhesive to the outside of the aquarium/terrarium rear pane, position the foil on the outside on rear pane, smooth gently with a scraper
- Not suitable for: foil backgrounds with a matt surface, backgrounds in 3D look, paper foil backgrounds

Art. no.
61210

Content
50 ml

For
2,0x0,8 m



JBL ProHaru Universal
Universal adhesive for aquariums, terrariums and ponds

- For the bonding of decorations, panes, technical items, leaks and anything else
- Bonds above and under water. Non-toxic to animals and plants.
- Bonds glass, metal (aluminium), wood, plastic materials (except PE, PP), mineral materials etc.
- Also glues mosses and ferns to decorations
- 80 ml black universal adhesive in resealable tube

Art. no.
61397

Content
80 ml



JBL HARU Universal (with compressed air)
Universal adhesive for aquariums, terrariums and ponds

- For the bonding of decorations, panes, technical items, leaks and anything else
- Bonds above and under water. Non-toxic to animals and plants.
- Bonds glass, metal (aluminium), wood, plastic materials (except PE, PP), mineral materials etc.
- Also glues mosses and ferns to decorations
- 200 ml black universal adhesive with resealable compressed air cartridge

Art. no.
61398

Content
200 ml



JBL ProHaru Rapid
Instant adhesive gel for aquariums and terrariums

- Bonds plants, corals and small decorations
- Fixes moss, plants and coral pieces
- Hardens instantly
- Transparent colour
- 20 g in resealable tube with tip

Art. no.
61399

Content
20 g



JBL AquaSil transparent
Special silicone for aquariums and terrariums

- Special transparent silicone for the repair and production of frameless glass aquariums and bonding of decorative material
- For use please follow the product information attached
- Harmless for fish, fast hardening, high adhesive strength
- TÜV type tested, after hardening: non-toxic, odourless and physiologically safe.
- Package contents: 1 special silicone, AquaSil transparent. Incl. cartridge, dosage nozzle and plunger

Art. no.
61391
61394

Content
80 ml
310 ml



JBL AquaSil black
Special silicone for aquariums and terrariums

- Special black silicone for the repair and production of frameless glass aquariums and bonding of decorative material
- For use please follow the product information attached
- Harmless for fish, fast hardening, high adhesive strength
- TÜV approved, after hardening: non-toxic, odourless and physiologically safe.
- Package contents: 1 special silicone, AquaSil black. Incl. cartridge, dosage nozzle and plunger

Art. no.
61390
61393

Content
80 ml
310 ml



JBL Silicone Spray
Care spray for technical aquarium/garden pond items

- Cares for all movable parts and seals of technical articles in the aquarium and garden pond
- Spray on moving parts, seals and O-rings
- Water-neutral silicone grease spray
- Water clear, odourless, long-term adhesion, CFC-free, free of oils and ecotoxic substances
- Contents: 1 pressurised gas cylinder with 400 ml content and spray head attachment for a precise, fine stream

Art. no.
61395

Content
400 ml

Content
223 g





JBL Cocos Cava

Coconut cave for aquariums and terrariums

- Hiding and spawning place for fish, sleeping and hiding place for terrarium animals
- Individual design: reproduction of the animals' biotopes with natural materials – decoration attractive for animals and humans
- Natural product, water neutral: no release of unwanted pollutants into the water
- Tip: rinse the decoration under running water before using it in the aquarium
- Note: Since this is a natural product, the size can slightly differ

Art. no.	Size
61510	1/2 L
61511	1/2 M
61512	3/4 L
61514	1/1 M
61513	1/1 L



JBL Mopani

Root wood for aquariums and terrariums

- Hiding and spawning place for fish, hiding and climbing area for terrarium animals
- Individual design: reproduction of the animals' biotopes with natural materials – decoration attractive for animals and humans
- Natural product: no release of unwanted pollutants into the water. Weighing the root down prevents it from floating.
- Tip: before use in the aquarium rinse the decoration under running water
- Note: since this is a natural product, the size can vary slightly

Art. no.	Size	Size
67011	S	10-27 cm
67012	M	20-35 cm
67013	L	30-40 cm



JBL Mangrove Roots

Mangrove wood root for aquariums and terrariums

- Hiding and spawning place for fish; for aquariums and terrariums. Essential fibres for armored catfish
- Individual design: reproduction of the animals' biotopes with natural materials – decoration attractive for animals and humans
- No unwanted pollutants released into the water. Weighing it down prevents the root from floating.
- Tip: Before use lay the wooden root into a bucket with water for several days to avoid water discolouration
- Note: Since this is a natural product, the size can slightly differ

Art. no.	Size	Size
67031	S	10-20 cm
67032	M	25-35 cm



Orinoco JBL Expedition Venezuela





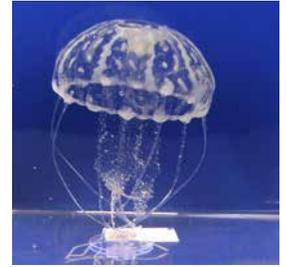
JBL MotionDeco Medusa XL WHITE

Ornament jellyfish XL white: moving, for aquariums

- Ornament for aquariums: gelatinous moving jellyfish reproduction
- Movement in the aquarium: jellyfish are fastened to the bottom or to the glass pane with suction cups and nylon straps.
- Ornament has a phosphorescent glow effect in the dark
- No deterioration of water quality: non-toxic and water-neutral silicone
- Package contents: 1 ornament for aquariums, MotionDeco Medusa XL White. Incl. suction cup and nylon strap. Length: 21 cm Ø 10 cm

Art. no.
60450

Colour
white



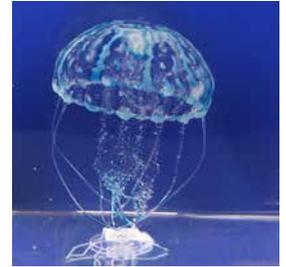
JBL MotionDeco Medusa XL BLUE

Ornament jellyfish XL blue: moving, for aquariums

- Ornament for aquariums: gelatinous moving jellyfish reproduction
- Movement in the aquarium: jellyfish are fastened to the bottom or to the glass pane with suction cups and nylon straps.
- Ornament has a phosphorescent glow effect in the dark
- No deterioration of water quality: non-toxic and water-neutral silicone
- Package contents: 1 ornament for aquariums, MotionDeco Medusa XL Blue. Incl. suction cup and nylon strap. Length: 21 cm Ø 10 cm

Art. no.
60451

Colour
blue



JBL MotionDeco Medusa XL ORANGE

Ornament jellyfish XL orange: moving, for aquariums

- Ornament for aquariums: gelatinous moving jellyfish reproduction
- Movement in the aquarium: jellyfish are fastened to the bottom or to the glass pane with suction cups and nylon straps.
- Ornament has a phosphorescent glow effect in the dark
- No deterioration of water quality: non-toxic and water-neutral silicone
- Package contents: 1 ornament for aquariums, MotionDeco Medusa XL Orange. Incl. suction cup and nylon strap. Length: 21 cm Ø 10 cm

Art. no.
60454

Colour
orange



JBL MotionDeco Medusa Set BLUE

Ornament jellyfish: set of 2, moving, for aquariums

- Ornament for aquariums: gelatinous moving jellyfish reproduction, set of 2, large and small
- Movement in the aquarium: jellyfish are fastened to the bottom or to the glass pane with suction cups and nylon straps.
- Ornament has a phosphorescent glow effect in the dark
- No deterioration of water quality: non-toxic and water-neutral silicone
- Package contents: 1 ornament, MotionDeco Medusa set incl. suction cup and nylon straps. Dimensions: blue 10x4 cm. White 11x6 cm

Art. no.
60452

blue/white



JBL MotionDeco Lionfish

Ornament lionfish, moving, for aquariums

- Life-like ornament for aquariums: lionfish Pterois antennata
- Movement in the aquarium: the water current causes the dorsal fin and pectoral fin to move
- Easy attachment: lionfish is fastened to the bottom or to the glass pane with suction cups and nylon strap
- No deterioration of water quality: non-toxic and water-neutral silicone
- Package contents: 1 ornament, MotionDeco Lionfish incl. suction cup and nylon strap (40 cm). Length: 12 cm, height: 9 cm

Art. no.
60455





JBL ActionAir Pinnipeds
Ornament seals with air flow for aquariums

- Ornament for aquariums: 3 seals in the waves
- Movement in the aquarium: all three seals move their torsos up and down with the bubble flow
- Natural colouring of hand-painted figures
- No deterioration of water quality: use of non-toxic and abrasion-resistant materials.
- Package contents: 1 ornament for aquariums, ActionAir Pinnipeds1.
- Dimensions: 21 x 9 x 8 cm

Art. no.
64301



JBL ActionAir Lucky Calamari
Ornament squids with air flow for aquariums

- Ornament for aquariums: 3 squids on a rock base
- Movement in the aquarium: The front tentacles of the three squids move up and down with the bubble flow
- Natural colouring of hand-painted figures
- No deterioration of water quality: use of non-toxic and abrasion-resistant materials
- Dimensions: 17 x 18 x 7 cm

Art. no.
64302



JBL ActionAir Spanish Treasure
Ornament treasure chest for aquariums

- Treasure chest with treasure on an ocean floor base
- Non-toxic and abrasion-resistant paint.
- Hand-painted with natural colouring.
- The lid opens and closes with the bubble flow.
- 12 x 10 x 9 cm (L x W x H).

Art. no.
64303



JBL ActionAir Treasure Hunter
Ornament diver with air flow for aquariums

- Ornament for aquariums: helmet diver with a treasure chest and a skull
- Movement in the aquarium: the diver lifts the chest with the bubble flow
- Natural colouring of hand-painted figures
- No deterioration of water quality: use of non-toxic and abrasion-resistant materials.
- Package contents: 1 ornament for aquariums, ActionAir Treasure Hunter.
- Dimensions: 14 x 7 x 10 cm

Art. no.
64304



JBL ActionAir Beautiful Shells
Ornament shells with air flow for aquariums

- Ornament for aquariums: 2 giant clams with a pearl each
- Movement in the aquarium: the upper shells of both clams open with the bubble flow, pearls become visible
- Natural colouring of hand-painted figures
- No deterioration of water quality: use of non-toxic and abrasion-resistant materials.
- Package contents: 2 ornaments for aquariums, ActionAir Beautiful Shells.
- Dimensions: 10 x 9 x 7 cm and 8 x 6 x 6 cm

Art. no.
64306



JBL ActionAir Magic Diver
Ornament diver with air flow for aquariums

- Ornament for aquariums: deep sea diver with an airplane engine on the ocean bed
- Movement in the aquarium: the propeller in the engine turns with the bubble flow
- Natural colouring of hand-painted figures
- No deterioration of water quality: use of non-toxic and abrasion-resistant materials
- Package contents: 1 ornament for aquariums, ActionAir Magic Diver.
- Dimensions: 13 x 12 x 12 cm

Art. no.
64307



JBL ActionAir Mystery Diver
Ornament diver with air flow for aquarium

- Ornament for aquariums: scuba diver with 2 treasure chests
- Movement in the aquarium: diver opens and closes the lid of one of the chests with the bubble flow
- Natural colouring of hand-painted figures
- No deterioration of water quality: use of non-toxic and abrasion-resistant materials
- Dimensions: 15 x 11 x 13 cm

Art. no.
64308





JBL ActionAir Waving Panda
Ornament panda with air flow for aquariums

- Ornament for aquariums: panda bear on rocks
- Movement in the aquarium: the panda waves one arm with the bubble flow
- Natural colouring of hand-painted figures
- No deterioration of water quality: use of non-toxic and abrasion-resistant materials.
- Package contents: 1 ornament for aquariums, ActionAir Waving Panda.
Dimensions: 11 x 11 x 14 cm

Art. no.
64309



JBL ActionAir Old Guy
Ornament old man with air flow for aquariums

- Ornament for aquariums: eerie old man with skull
- Movement in the aquarium: air flow moves the arms of the old man
- Natural colouring of hand-painted figures
- No deterioration of water quality: use of non-toxic and abrasion-resistant materials
- Dimensions: 12 x 17 x 10 cm

Art. no.
64310



JBL ActionAir Spinning Wheel
Ornament steering wheel with air flow for aquariums

- Ornament for aquariums: steering wheel of a wreck
- Movement in the aquarium: the wheel turns with the bubble flow
- Natural colouring of hand-painted figures
- No deterioration of water quality: use of non-toxic and abrasion-resistant materials.
- Package contents: 1 ornament for aquariums, ActionAir Spinning Wheel.
Dimensions: 8.5 x 10 x 13 cm

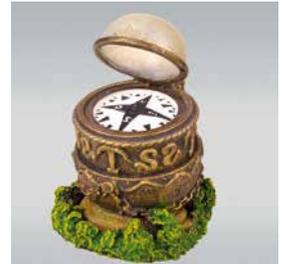
Art. no.
64311



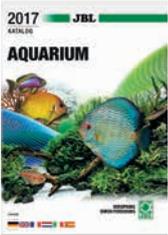
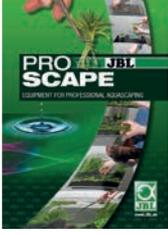
JBL ActionAir Flint's Compass
Ornament compass with air flow for aquariums

- Ornament for aquariums: gyrocompass from a shipwreck
- Movement in the aquarium: gyrocompass opens and closes with the bubble flow
- Natural colouring of hand-painted figures
- No deterioration of water quality: use of non-toxic and abrasion-resistant materials
- Package contents: 1 ornament for aquariums, ActionAir Flint's Compass.
Dimensions: 9 x 10 x 15 cm (opened compass lid)

Art. no.
64312



Tridacna gigas, Great Barrier Reef, JBL Expedition Australia

	<p>JBL Product catalogue 2017 Full colour catalogue of all aquarium products</p> <ul style="list-style-type: none"> • Describes all JBL products in words and pictures. • Over 1000 photos. • With information pages: feeding tables, fish disease guide, CO₂ chart etc. 	<p>Art. no. 97475 Language DE/EN/ FR/NL/IT/ ES</p>	<p>UP 1</p>	
	<p>JBL Folder Setting up an aquarium Booklet on the subject of: Setting up an aquarium</p> <ul style="list-style-type: none"> • 30-page coloured booklet, A5 size. • Subjects: The aquarium, substrate, decor, technical equipment, water, plants, fish, care, literature • Available in the following Languages: DE/UK/FR/NL/ES/PT/PL/SE/IT/DK/CZ/CN 	<p>Art. no. 96221 Language DE/EN/ FR/NL/ ES/PT/PL/ SE/IT/DK/ CZ/CN</p>	<p>UP 25</p>	
	<p>JBL Folder Algae – what now? Brochure about fighting algae in the aquarium</p> <ul style="list-style-type: none"> • 12 pages, fully illustrated in colour. • Size: DIN A5 	<p>Art. no. 97014 Language DE</p>	<p>UP 25</p>	
	<p>JBL Folder ProScape Information and products about aquascaping</p> <ul style="list-style-type: none"> • 28-page brochure, including all products of the JBL ProScape range. • Information about aquascaping/ProScape/biotope scaping. • With illustrated instructions how to scape an aquarium. • Also contains additional products required for scaping. • A5 format. 	<p>Art. no. 96233 Language DE/EN/ FR/NL</p>	<p>UP 25</p>	
	<p>JBL Colouring block Sales promotion article for campaigns involving children</p> <ul style="list-style-type: none"> • 10 humorous fish pictures to color in. • A5 format coloring block with 10 pages. • A further 15 designs are available on the JBL Homepage to download. 	<p>Art. no. 95456 Language DE/EN/FR</p>	<p>UP 1</p>	
	<p>JBL Protocol sheet for water analysis To record all water analysis results.</p> <ul style="list-style-type: none"> • Suggested problem solutions for all results. • With CO₂ chart. • For freshwater, marine aquariums and garden ponds. • DIN A 4 size. 	<p>Art. no. 96064 Language DE/EN/ FR/NL/IT</p>	<p>UP 1</p>	
	<p>JBL Assortment colourcharts Colour charts for all JBL water test kits</p> <ul style="list-style-type: none"> • Water resistant laminated coloured cards in a binder for easy page flipping. • Contains the coloured cards and short instructions for use for: pH 3.0 - 10.0; pH 6.0 - 7.6; pH 7.4 - 9.0; NH₄; NO₂; NO₃; Fe; PO₄; SiO₂; O₂; Cu and the colour change colours of Mg; Ca; GH and KH. • Size: 25 cm x 10 cm.. 	<p>Art. no. 97266</p>	<p>UP 1</p>	



JBL Sticker

Oval sticker

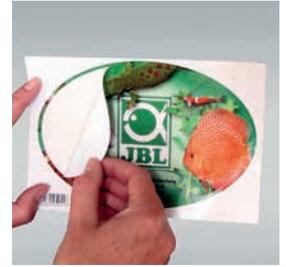
- 18 x 12 cm
- To be applied on outside.

Art. no.

95011

UP

1



JBL Fish handling cup

Fish catching box for private use and sales purposes

- Purpose built, mountable fish catching box.
- Easy to use: convenient handle
- Can be attached to facility in 2 positions.
- Robust and transparent high-quality plastic.
- Suitable for aquarium sales displays and private aquarium systems

Art. no.

95425

UP

30



JBL Fish Bags - S

High-quality transport bag, small

- Double sealed seams. Rounded heat-sealed corners.
- Instructions for emptying printed in German, English and French. Transparent section only in lower part
- ensuring darker transport (less stress) and greater contrast when viewing fish with bag upright.
- Size: 18 x 42 cm.

Art. no.

95421

Length

42 cm

Width

18 cm

UP

50



JBL Fish Bags - L

High-quality transport bag, large

- Double sealed seams. Rounded heat-sealed corners.
- Instructions for emptying printed in German, English and French. Transparent section only in lower part
- ensuring darker transport (less stress) and greater contrast when viewing fish with bag upright.
- Size: 24 x 52 cm.

Art. no.

95422

Length

52 cm

Width

24 cm

UP

50



JBL Fish Bags - XL

Extra large top-quality fish bags

- Rounded heat-sealed corners on the bottom
- Size: 30 cm x 60 cm.

Art. no.

95423

Length

60 cm

Width

30 cm

UP

25



JBL fish transport bag XXL

Koi transport bag

- For the safe and problem-free transport of pond fish.
- Size: 150 x 60 cm.
- Double sealed seams for maximum reliability.
- Very stable wall thickness of 100 my (= 0.1 mm).
- With JBL ProPond motive printed on one side. The other side is completely blank.

Art. no.

95402

Length

150 cm

Width

60 cm

UP

20



JBL Rubber rings (rubber bands)

1 kg for (e.g.) fish bags of all sizes

Art. no.

95260

Weight

1000 g

Content

~ 3000 pc.

UP

1





EXPEDITION

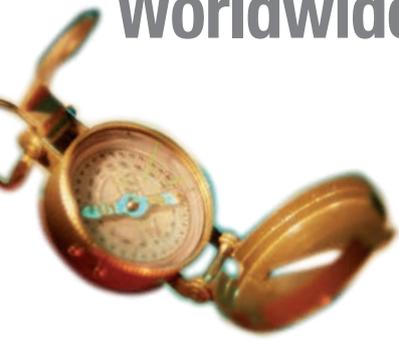
RESEARCH
TEAM
JBL EXPEDITION



**JBL expeditions to the natural habitat of our
aquarium and terrarium animals**



Worldwide destinations of the JBL Expeditions



The JBL Research Team obtains information on aquarium fish and terrarium animals first-hand by carrying out expeditions into the regions where the animals live on a regular basis. There, biotope investigations are performed on site, the results of which are used for publications and the development of JBL's products.

Every fan of nature is eligible for participation: As soon as the details of a JBL Expedition have been set, they are posted on JBL's website. Then it's time to apply – and, with some luck, take part!



French Guyana & Caribbean



Red Sea/Egypt



Vietnam



Sulawesi/Indonesia



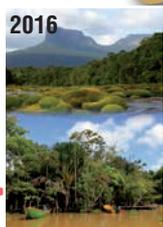
Sri Lanka & Maldives



Central America & Galapagos



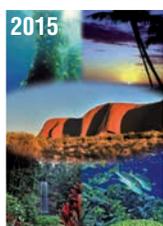
Venezuela



Negros/Philippines



South Pacific & Australia



Tanzania & Lake Tanganyika



South Africa & Lake Malawi



Amazonia & Pantanal/Brazil



Who can take part in the JBL Expeditions & Workshops?

JBL Expeditions stand for adventure and research, all in one!



Every lover of nature who is physically fit and at least 18 years of age (at the time of departure), can take part. Proficiency in German and/or English is helpful so that communication within the group is not limited to body language. Physical fitness helps withstand the tropical temperatures and humidity levels, which are sometimes high. There are no extreme walks. Sometimes, though, a few walks to beautiful biotopes just can't be avoided.

Do you have to be an animal specialist?

No! There are always experts/scientists along who are very knowledgeable about their field of expertise and willing to help, be it in regard to salt water, fresh water, invertebrates, terrarium animals or plants.



What makes the JBL Expeditions different from other trips?

What's different about the JBL trips is that like-minded persons travel together. On other trips, you can't stop simply to see a beautiful body of water or a lizard basking in the sun next to the road. On our trips, it's normal to be „crazy“ and storm every puddle and shrub.



Do you have to be a diver?

If you don't have a scuba diving license, you can go snorkelling. Snorkelling is usually better suited than compressed air diving in fresh water anyways. In the ocean, there are always spots for snorkelling in addition to the scuba diving spots. Sometimes there are animal species that can only be found at great depths, so that they can only be reached by scuba divers. Many participants acquired their scuba diving license after they received their written confirmation for participation.



What about if you can't handle boat travel and car travel?

If you are unable to handle boat travel or car travel, you can use medication against travel sickness. Read the trip description carefully in order to determine whether there is a lot of boat travel and car travel.



How good are the chances of taking part?

If JBL receives more applications than there are spots by the deadline that has been set, unfortunately, a draw must decide. Prospective participants who have not yet taken part in a JBL Expedition are given priority over former participants. Looking back, we can confirm that every applicant had a chance of over 60 %.





Expedition 2001

Sulawesi/Indonesia



Back when Sulawesi shrimp weren't popular yet, the first JBL Expedition led to the island of Sulawesi in the Indo-Pacific Ocean. The base that was selected for the group's activities was near the city of Manado located in the far north of the island.

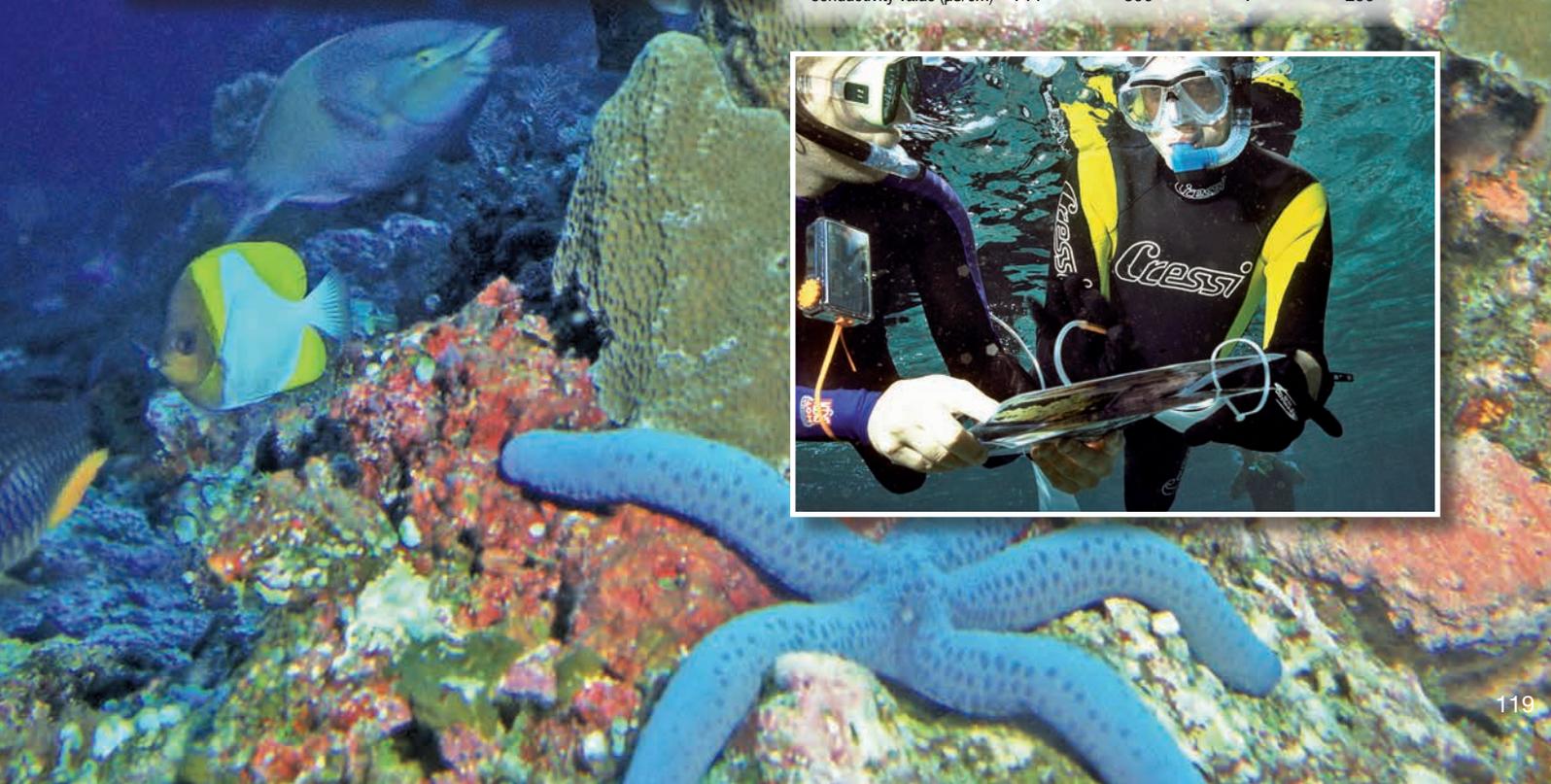
The primary goal consisted of saltwater research in the Bunaken National Park with coral reefs counted among the most beautiful in the world and boasting the greatest diversity of species.

This first expedition was aimed at determining all of the saltwater parameters on site. A second goal consisted of investigating the water parameters and fish fauna of freshwater lakes in the region.



Bunaken National Park	Salt water			
	Depth of 5 m	Depth of 10 m	Depth of 20 m	Depth of 30 m
Temperature (°C)	29,7	29,7	25,0	24,0
pH	8,17	8,13	8,08	8,10
Carbonate hardness (°dKH)	7	7	7	7
Calcium (mg/l)	420	400	400	400
Magnesium (mg/l)	1200	1200	1200	1200
Oxygen (mg/l)	7,5	7,3	7,0	7,1

Freshwater biotopes	Lake Seper	Lake Uluna	rice field	Ronuanco River
	Temperature (°C)	30,2	25,0	35,0
pH	8,45	6,30	6,60	7,60
Carbonate hardness (°dKH)	4	3	3	5
Oxygen (mg/l)	7,8	7,8	?	7,5
GH (°dGH)	3	3	3	4
Conductivity value (µS/cm)	144	300	?	290

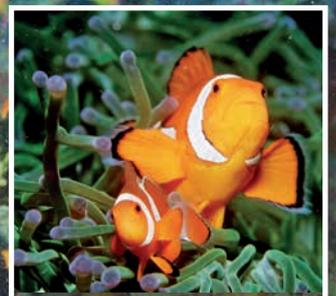
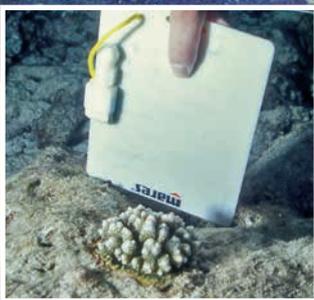


Expedition 2002

Sri Lanka & Maldives



We always try to cover both fields, fresh water and salt water, on our expeditions. Due to the fact that the ocean of Sri Lanka can become very murky within a few hours, we only did the section concentrating on the rain forest and fresh water there and then flew over to the Maldives nearby to measure coral growth in natural surroundings. The high seawater temperatures of 36 °C in 1998 caused by the El Niño phenomenon killed all of the coral down to a depth of around 8 m. Therefore, we were able to determine growth accurately 4 years later and find out that stony coral (madreporarians) grow faster in an aquarium under ideal conditions.

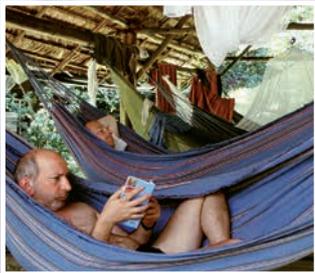


Expedition 2004

French Guyana & Caribbean

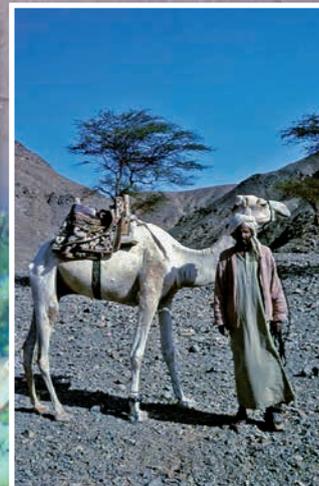
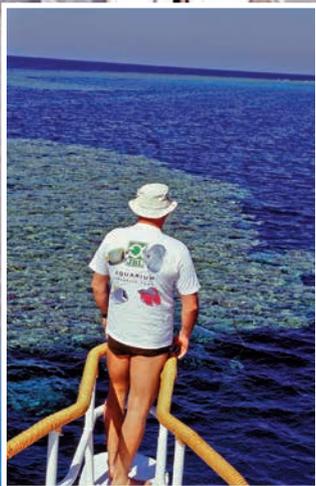
French Guyana offers an opportunity to penetrate deep into the rain forest and spend the night outdoors safely at the same time. This is not the case everywhere in South America. Accordingly, we were able to spend a few days and nights right next to a river in the Amazonian lowlands and record 24-hour trends of temperatures and air humidity. Astonishingly, air temperatures dropped down to 22 °C.

In the Caribbean, we unexpectedly had an opportunity to experience a hurricane with its effects on the reefs live. Hurricane Jeanne developed from a tropical storm into a hurricane right in front of our eyes and conjured a nifty JBL green tint on the faces of our team on the diving ship. We were able to observe how the uppermost sections of the reef were damaged directly by the storm, and indirectly as well by uprooted trees that were drifting in the ocean. A famous marine biologist once said: "A reef roof won't grow until it has been damaged." This highly provocative statement is actually not wrong, although, of course, it does not give people a carte blanche to damage natural reefs!



Workshop 2005

Red Sea, Egypt



80 persons travelled to Marsa Shagra with the JBL Research Team in order to carry out seawater research under scientific guidance right in the reef. Shark researcher, Dr. Erich Ritter, came from Florida expressly to give a lecture on the body language of sharks to all of the participants. The following day, the scuba divers were able to try out what they had learned with oceanic whitetip sharks right on the Elphinstone Reef.



The water analyses were aimed at determining whether marine water parameters differ in different areas, among other things. Water samples were taken from near the beach, at the surface and at a depth of 30 metres, as well as from reefs that were distant from the coast, and analysed for this purpose.



Expedition 2006

South Africa & Lake Malawi

The southern most coral reef of the world lies off the east coast of South Africa. We found the water temperature here to be 17 °C, which is lower than the minimum temperature indicated for coral reefs in the literature (20 °C). The world's most famous shark researchers were there with us, so that we were able to listen to personal lectures on the various species of sharks by Dr. Erich Ritter, Andre Hartmann and Andy Cobb. We were then able to see all of these sharks in their natural surroundings during our dives and from a cage. This is where the friendship with the shark protection organisation, SharkProject, began, which JBL has been supporting ever since.

While at Lake Malawi, our primary goal was to do water analyses, while our second goal was to do feeding experiments right under the water and on cichlids that had just been caught in Stuart Grant's export station. We found that grazing cichlids such as *Pseudotropheus* prefer carnivorous food if it is offered to them. It was also interesting to discover that green algae are only found down to a depth of 50 cm and that blue-green algae and diatoms predominate below this, so that they form the primary food of grazing cichlids.

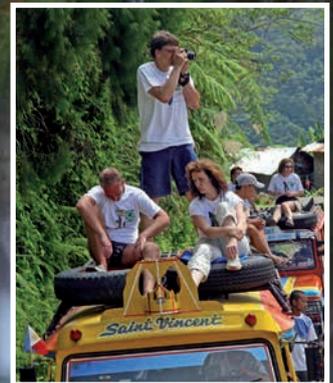


Workshop 2007

Negros/Philippines



The friendship with Georg, the owner of two lodges in the Philippines, made it possible to keep the price of the workshop below € 1,000. 82 participants analysed, observed and experimented in the ocean and the rain forest of the island of Negros for one week. The trip into the rain forest, which fully lived up to its name, was an unforgettable experience for several participants. A normal tropical rain shower caused the water levels of the streams to rise so high that bridges were under water and our group prevented from traveling for a number of hours. The underwater fauna off of Apo Island was especially impressive. The coral formations and colours were among the most beautiful that even the most experienced divers had ever seen.



Expedition 2009

Amazonia & Pantanal



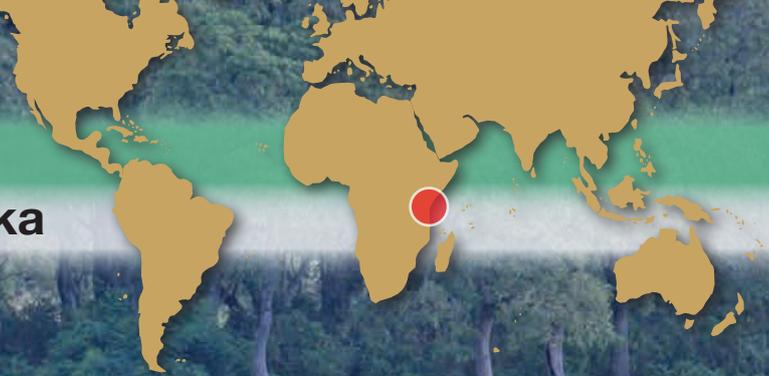
We rode on the Rio Negro, the black water river with clear tributaries, for one week before we reached where it flows into the Amazon River at Manaus. We examined the black water, which is hostile to life and had an immeasurable hardness and a pH level of 4. In this water, we were barely able to catch any plankton with our plankton net. Only the river dolphins and the red neon appeared to feel comfortable here.

We left the cloudy white water of the Amazon and the tea-coloured water of the Rio Negro behind us and continued on to the clear water rivers of the Pantanal. Here, we were able to observe fish with a visibility of over 50 m under water, as though they were in an aquarium. Encounters with piranhas and freshwater rays were definitely highlights.



Workshop 2010

Tanzania & Lake Tanganyika



76 participants took the opportunity to get to know very diverse African habitats in 13 days. Rain forest, tropical dry forest, savannah, steppe, mountains, streams and lakes, and, as a grand finale, Lake Tanganyika were all on the program. Cichlid specialist, Dr. Stefan Koblmüller, and some other participants were able to catch a species of cichlid that was considered extinct alive in a stream near Mt. Meru and identify it. Terrarium enthusiasts, in particular, were able to measure the surface temperature of rocks and wood with laser metres for the first time in order to offer animals optimal conditions in captivity.



Lake Tanganyika, which already presented almost all of the cichlids known from aquariums near the shore, was definitely a highlight. The scuba divers then also had an opportunity to observe *Cyphotilapia frontosa* in their natural habitat at a depth of 20 to 45 m. The logistics for this workshop were a real challenge: They ranged from organising an airplane that all of the participants and their luggage could fit into (freshly bought, unpainted Boing of Air Tanzania) to the transport of compressed air cylinders by truck across Tanzania from Mount Kilimanjaro to Lake Tanganyika.



Expedition 2012

Central America & Galapagos



In Costa Rica, we had to learn that it was more difficult to find the famous red-eyed frogs than we had imagined. We were on the exact river where they lived, we could hear them, but we couldn't find them, not even after many hours of search by night!

We dove deep into the Mexican cenotes in search of the Mexican blind cavefish. The longest cave system in the world with a length of several hundred kilometres belonged to the most fascinating biotopes we had ever seen.

We were able to find shrimp in Lake Nicaragua, even though they weren't as pretty as the ones in Sulawesi.

Our trip culminated with an absolute highlight: the Galapagos Islands in the Pacific. These extraordinary islands, which had already inspired Charles Darwin to come up with his theory of evolution, offered a true emotional adventure for every nature enthusiast. All the way from observing the giant tortoises, to unique marine iguanas and to hammerhead sharks and mantas, our days were filled with unmatched experiences of nature. Even if they weren't all truly relevant for aquarium keeping, they did offer an incredibly intensive motivation to preserve nature.

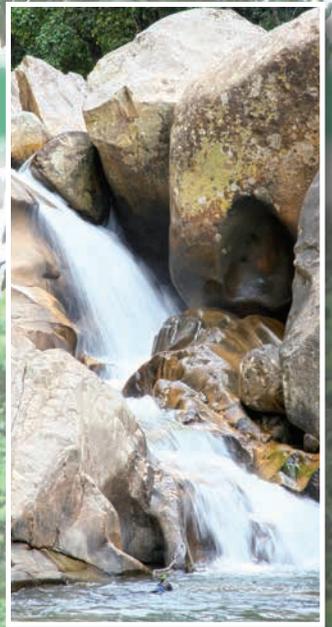


RESEARCH TEAM
 Mexico
 Nicaragua Costa Rica
 Galapagos



Workshop 2013

Vietnam



70 nature lovers had 10 days to explore the region around Nha Trang in the rainforest, the desert and the offshore coral reef. Everyone was thrilled by the clear mountain rivers with gobies and loaches, the waterfalls with hillstream loaches and the jungles with many interesting snakes. More dangerous were the slippery stones in the rivers they had to cross in order to penetrate deeper into the wilds. But it was worth it. They were rewarded with intensive natural experiences, extensive biotope data and for the first time water current measurements.





Expedition 2015

California, South Sea & Australia



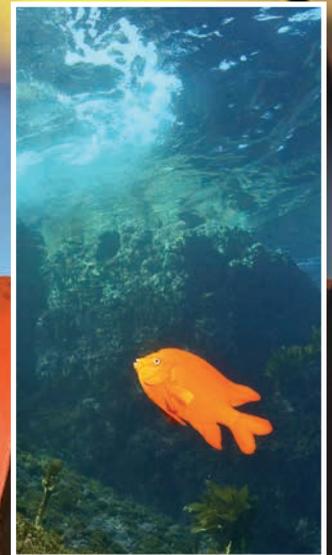
Around the world In 18 days

Although the two protagonists in Jules Verne's novel needed 80 days for the journey around the world, we managed to fit many unforgettable experiences, animal observations and measurements into 18 days. The 14 members of the JBL research team visited the island Catalina off Los Angeles in California for one day, Moorea in the South Seas for 2 days, various regions of Australia for 12 days and finally the desert next to Dubai.



Catalina Island: from Gobies to the Great White Shark

When we left Los Angeles by ferry for Catalina early in the morning we could hardly believe that we would find crystal-clear water with fascinating fauna and flora just half an hour away from L.A. In return we experienced the cold Pacific from its most beautiful side: clear water with well over 20 °C, plenty of orange-coloured garibaldi (which belong to the family of Pomacentridae). The beauty of the garibaldi is only surpassed by their own young, whose orange is flecked with luminous light-blue. Water measurements indicated a relatively low calcium and magnesium content (360/1084 mg/l). One of our reasons for coming here was to observe the incredibly colourful Catalina goby (*Lythrypnus dalli*). We didn't have to search for long. In the rocky habitat of the shallow water they were to be found in large numbers. The small gobies, which grow up to 6 cm in size, are unfortunately only suitable for cold saltwater aquariums, and all attempts to keep them at 25 °C have failed. For anyone going to visit L.A., we can only warmly recommend a trip to Catalina Island!



Moorea – a Remote Island Paradise in the Middle of the Pacific

After the cold California Current we visited the coral reefs of the South Seas, so that, after we had been to the Barrier Reef in Australia later, we would be able to carry out a triangulation of our Pacific results. The water was warm and the visibility was very good at over 30 m, thanks to the low plankton content. Some blacktip sharks surrounded us during our descent to the bottom at a depth of about 20 m. The coral diversity wasn't bad, but it wasn't nearly as high as it was later at the Barrier Reef. The reason is simply the isolated nature of the South Sea Islands. The nearest mainland (Mexico or Australia) is 7000 km away. Even Hawaii lies closer to a continent, being only 4000 km away from one. We counted the coral species, measured the water composition and started the feeding trials on our second dive. Although 3m long lemon sharks arrived along with the obligatory blacktip reef sharks, we opened the food tins and noted which fish species were interested in the food. The number of curious sharks rose but they remained wary and kept a distance of 1m. The red snappers had no such inhibitions and bit into the tins, the food and the fingers of the feeding divers! As well as the snappers, butterfly fish and a large titan triggerfish were interested in the food.



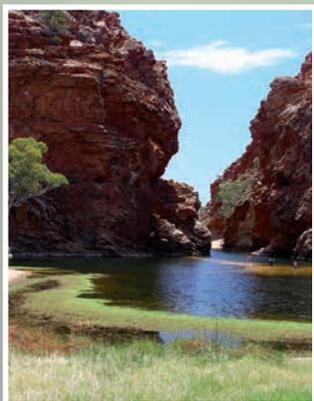
2300 km Coral Reef: Australia's Great Barrier Reef

With over 400 coral and 1500 fish species the faunal diversity is many times higher than in the South Seas. One glance at the reef showed us the meaning of coral diversity. You had the feeling you were seeing the 360 hard coral



Expedition 2015

California, South Sea & Australia



species which live there all gathered together within a few square metres. We even found a few dormant whitetip reef sharks and a Napoleon wrasse there. In addition to the unbelievable colours of the Acropora hard coral species, the large Tridacna clams, which were given the lurid name “killer clam” by Jacques Cousteau, were well worth seeing. I asked quite a few dive guides and none of them has ever heard of anyone getting their limbs stuck inside a “killer clam”, or anything dangerous like that.



From Sea Serpents to the Land Snakes

After the Barrier Reef we had two whole days to carry out measurements and observations in the Australian rainforest. For that we drove to Lakes Eacham and Barrine and to some rivers and streams with promising flora and fauna. At Lake Eacham we were surprised to find archerfish (*Toxotes chatareus*) 30 cm in size in pure freshwater with only 52 $\mu\text{S}/\text{cm}$ and the GH and KH were both 1°. Furthermore we saw rainbowfish (*Melanotaenia splendida*) in their natural habitat for the first time. We found them in smaller groups of 2 to 5 animals but also in bigger schools of fish with about 50 animals. Our invertebrate enthusiasts had to wait until we were heading back to the lodge for their turn. In a small brook, of which the GPS data shall remain secret, we found zebra shrimp, which grazed the growth on the stones inside the shallow water. In slightly deeper water there were also gobies, which probably eat any shrimps which dare to venture into deeper water. Our fans of “crawling animals” were pleased to find dragon lizards and huge orb-weaver spiders at another brook. From then on the biotope data for the area (humidity, temperature, UVA, UVB and lux) were added to the water values and noted down with the current GPS data.



From the Jungle to the Sacred Mountain in the Outback

First of all, on our arrival after a 3-hour flight, we were to meet those inhabitants of the outback who outnumber all the others by far: the flies. Millions of flies were waiting for us, their new victims, at the airport, as we unsuspectingly climbed out of the aircraft. They swamped our mouths, ears and noses and we couldn't buy head-protecting netting fast enough. From that moment on we viewed the outback through nets until sunset. At sunset the flies disappeared without a trace, only to return in the morning, just before sunrise. Our team visited various places between Ayers Rock and Alice Springs to learn about the habitats of the animals in the outback. Because, after all, the most popular lizards of our terrarium enthusiasts origin from just this area. But unfortunately we found neither bearded dragons nor frill-necked lizards. We couldn't even find the fairly common thorny dragon, even though there were 14 of us searching for it. We thus learnt the hard way that it is really very difficult to find lizards in the vastness of the outback! On the second day, however, we managed to observe monitors, skinks and other small lizard species and we noted down their habitat data. Most impressive were the temperature measurements of the ground. The red sand actually reached a temperature of 63 °C around noon. It was the highest ground temperature we have ever measured. Everyone wearing sandals had to hop back into the truck after 1-2 seconds. The UVA and UVB values were also the highest ever measured on a JBL expedition.





Water Holes in the Deserts of the Outback

The gorges are popular destinations in the heart of Australia. That's what the Australians call the canyons which often have water at the bottom. Normal tourists admire the water, sometimes have a refreshing swim and then head on. Our gang unpacked our landing nets and water tests, entered the water and took photos of everything which had fins or legs and which swam, crawled or hopped around. The tourists there kept asking us what we were doing. Some of the water holes had very clear water, so we were able to take beautiful underwater pictures of the biotopes, which formed the living space for many rainbow fish. Interesting was also the low water temperature of max. 24 °C at an air temperature of 28-37 °C. This indicates that the water holes must have a source which feeds fresh and cold groundwater. Otherwise they would soon dry up in the dry season. Yet there are water holes for which the on-site researchers couldn't determine the water source. For bird lovers the water holes were a paradise too. Parakeets, cockatoos, zebra finches and even birds of prey often allowed us to approach close enough to take some beautiful photos.



The Waters in the North at Darwin: Crocodile-free or not, that is the Question

Our last days in Australia took us to the Litchfield and Kakadu National Park, in the very north of the Northern Territories. Both national parks are renowned for their abundance of animals and especially for their high numbers of crocodiles. Of these only the saltwater crocodiles are really dangerous. The freshwater crocodiles are not really seen as excessively dangerous and in clear water encounters with them are no problem. In a clash between humans and salties, as the saltwater crocodiles are called, the humans always draw the short straw and every year there are fatal accidents. Once you are in the water and face-to-face with the thick-skinned reptiles, you really have to be cool to distinguish the dangerous salties from their more peaceable, freshwater counterparts. The freshwater crocs don't grow particularly large – but how can you know that it is not simply a saltie which has not yet reached maturity? Have a look at its dentition – hope this helps, ha ha!



A bony tongue also lives in Australia and we were lucky enough to be able to observe these animals (which are about 80 cm in size) together with garfish at Maguk. Their flight behaviour was interesting. Although *Scleropages jardinii* is a surface predator he can dive to greater depths of up to 8 m at a snorkeler's approach, but never deeper than that. You'll have trouble googling freshwater garfish. The species we observed was more than 30 cm long and you will read about freshwater fish species with a maximum length of 8 cm. Although Australia doesn't have much freshwater species diversity, the few species it does have are really interesting and unusual.

After 11 flights and over 40,000 air kilometres, 2,500 km in the off-road vehicle and 500 km in boats we all arrived healthy and without any injuries worth noting in Frankfurt. Now it's time for the follow-up, the sorting of photos and films and all the many measured values we noted. We're all set for more excitement!



Expedition 2016

Venezuela / South America



In all our 12 previous JBL expeditions we had never come so close to cancelling the whole thing! The country Venezuela is descending into chaos. One of the stops on our trip, Maturin, is said to be the world's fourth most dangerous city and then came the Zika virus on top! This caused some late cancellations from participants who had already been confirmed. After consultation with our local organisation we discovered that our itinerary and group size did not pose any dangers for us. We allowed other applicants to take the place of those who had cancelled and by April 26, 2016 we set off with 50 participants via Caracas and Maturin to the Orinoco river delta, South America's second largest river, which is more than 2,000 km in length. At night under an unbelievable starry sky we went by boat through the jungle to the Orinoco Eco Lodge which was built on piles into the marshy banks of a tributary in the delta. The first class hotel had some hammocks and palm roofs with mattresses under mosquito nets but no windows or doors. This was just the thing for our nature mad group from a diversity of European countries.



Our plan for the group members was to form 6 small teams which went by boat to different locations to snorkel, observe and collect biotope data on-site. Every three days the teams changed places so that everyone was at every place. Only in the morning and evening the whole bunch met for a meal and for lectures which were given by Dr. Wolfgang Staeck and Andreas Tanke.



The Orinoco Delta

The Narrow Jungle River

Most rivers are easily accessible by boat, but this river becomes increasingly narrow and is overgrown by the tropical rainforest like a roof. Unfortunately visibility at the whitewater river Orinoco is low or non-existent. A typical whitewater (such as the Amazon). In blackwater rivers, by comparison, the water is tea-coloured and dark but the visibility is often outstanding. So snorkelling in the Orinoco Delta was only possible at one spot where the water seemed to be clearer. Apart from that we could only catch fish with nets and fishing rods. Only a few of us had any experience with tropical rivers and the others were quite sceptical that you could just enter the cloudy water in the middle of nowhere, while one of us fished one piranha after the other out of the stream. But only after the first snorkeler had crossed the river alive and happy, did the rest bravely enter the water. They diligently fished with nets and catch nets. The fish were put briefly into a photo aquarium and were then released into their habitat.



The Water Lily Camp

It was rarely the case that the natives on-site understood what we wanted when we asked for places with clear water. They showed us places where they considered the water was clear, but which we thought was incredibly cloudy. So we changed strategy and asked for places where we could find aquatic plants. This idea was successful and we reached a camp which was no longer in use, where the water was slightly clearer than at any of the other locations we had visited at the delta. The visibility was at about





60 cm which doesn't sound very much. But in the shallow water of the embankment it was at least good enough to be able to really observe the plants and fish. We observed X-ray fish (*Pristella maxillaris*), pike cichlids (*Crenicichla*), Leaf-fishes (*Polycentridae*) and even suckermouth armoured catfishes (*Loricariidae*) there!

The Jungle Walk to the Poisonous Snakes

It can be summed up with: few animals and deep mud. No matter – everyone needs to have experienced that at least once. Although the teams weren't exactly silent, rather the contrary, we almost had a serious accident. One of us stepped over a fallen tree trunk right near a highly poisonous pit viper. High rubber boots and luck prevented a bite. Most animals flee from approaching humans. Only pit vipers rely on their poison and wait patiently. The problem with poison bites in the rainforest is mainly the distance to rescue services, which are too far away. We were armed with satellite telephones and we had our physician Ludwig with us, but with a strong bite with plenty of injected poison any help would have been too late. That's why we were all advised to be very careful the very first evening. Our guides showed us how to drink water out of lianas, how balsa trees bleed and that their bark is a very good help for open wounds, how to get palm hearts from the tree, what they taste like, and how to get some edible fruit as well as drinkable fruits. Should we lose our guide and get lost, our survival would be guaranteed!



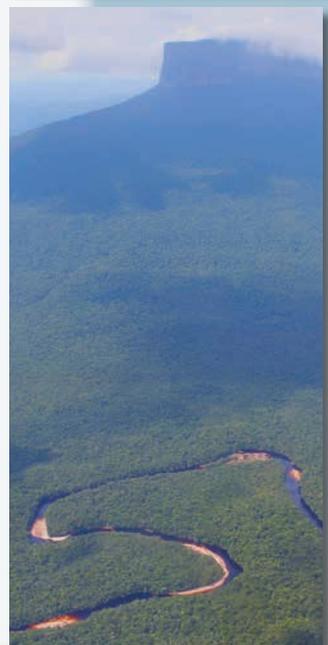
The surroundings of our Orinoco Eco Lodge

We used canoes and kayaks to explore the surroundings and the smallest rivers practically in silence. Everyone enjoyed this rather isolated form of exploration and it allowed us to approach animals like monkeys and birds more successfully. This wouldn't have been possible with the whole team in the motor boat. There were tarantulas living in the trees at the lodge and these became the pets of most (not all) of the group members. Directly within sight of the lodge turtles were sunbathing at the river. Lizards and snakes were there too, as were the non-swimming or crawling bunch, which included howlers, birds and incredible butterflies.



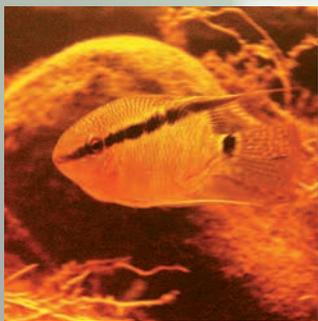
Onward Journey to the Table-top Mountains South of Venezuela

From the airport Ciudad de Bolivar we flew in a small 6-seater plane about 400 km south-east towards Canaima, the starting point for all expeditions to the famous table-top mountains. During the flight we were able to take our first look at the Tepui, as the table-top mountains are called. These legendary table-top mountains inspired Sir Arthur Conan Doyle to write the novel LOST WORLD, in which he described imaginary dinosaurs having survived in the table-top mountains. In this region those mountains are up to 1,000 m high. The height difference between plateau and the rainforest below generates an insuperable barrier for animals and plants, and each wouldn't have any chance of survival in the other habitat with the effect that the flora and fauna on the mountain plateaus are completely isolated!



Expedition 2016

Venezuela / South America



Canaima and the Table-top Mountains

The Canaima Lagoon

At the foot of three waterfalls lies the lagoon of Canaima, a small place with about 3,000 inhabitants. In 1975 the Canaima National Park was extended to 30,000 km² and is one of the largest in the world! Its main attraction is the Salto Angel which, at 979 m, rates as the world's highest waterfall.

A first glance into the water of the lagoon finally showed transparent blackwater. At last we could do a bit of intensive snorkelling and carry out some observations under water. But even the 28 °C warm water felt cold after half an hour and most of us were glad that we had packed a thin diving suit.



Underwater Feeds

Along with our observations of the fish species there, it was the underwater feeding trials that impressed us the most. The fish jumped greedily to reach the JBL Plankton-Pur Sticks and JBL Gala flakes we offered them.

Tetras and cichlids were the most common fish. We also sighted *Crenicichla*, *Mesonauta festivus* and even some *Geophagus*. The *Crenicichla* pairs were particularly beautiful, as they conscientiously looked after their fry.

Through the Rapids to Isla Orchidea

We went further upstream the Rio Carrao by boat. At two rapids everyone had to leave to boat to get around the rapids on foot, while the skipper manoeuvred the boat up the rapids. Because of the low water level this was only possible with our helping hands to push and shove. Unfortunately the low water level also forced us to abandon our plan to go the whole way up to the Salto Angel waterfall. But Orchid Island, where we stayed one day instead, also proved to be a worthwhile destination. In the river we spotted sucker catfish, *Crenuchidae* and numerous cichlids.

With all these discoveries: the evaluations of the data logger, which recorded the temperature and humidity intensively twenty four hours a day; with countless data measured in the most varied biotopes imaginable; thousands of photos and countless films, our team of 50 men and women returned to Europe. All were safe and sound, even if the strong tropical sun was a problem for some of us, even to the extent of forming blistering sunburn. We will never forget our discoveries and our research results will help us to optimise all of our animal keeping, and make breeding possible. And we should never lose sight of this long term goal!





Announcement:

Expedition 2018

Indian Ocean



This 16-day expedition will lead us to the dream destinations in or near the Indian Ocean. The best time to travel to these four destinations is October. Since

staying overnight in hammocks is not possible, this trip is also suitable for spider sceptics.

Application: www.jbl.de/en/expeditions

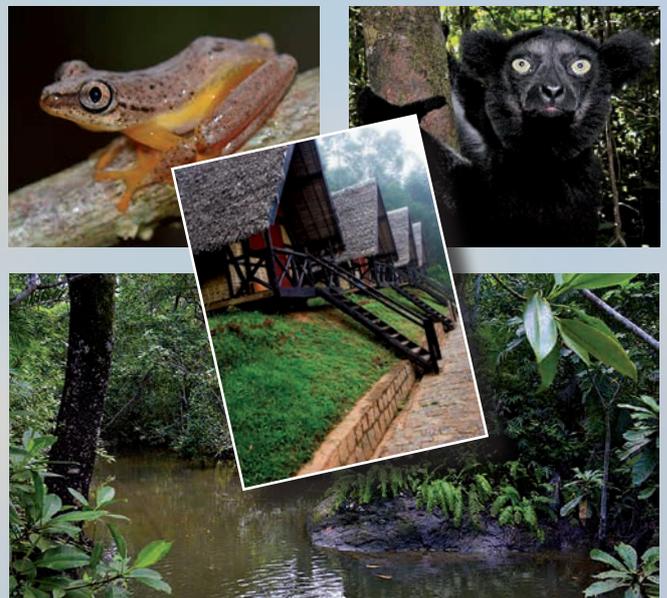


Mozambique

We will be flying over South Africa to Maputo, the capital of Mozambique. From there we are heading off towards the north to Tofo on the coast. The main attractions are the whale sharks, which you are almost guaranteed to find in October. We'll be able to snorkel with the world's largest fish and observe them slurping their 6000 litres of plankton food at close range. Even if the 13 m long animals are not typical aquarium dwellers, no nature lover could fail to enjoy experiencing these 12 ton lightweights close up. The shallow water reefs are sure to prove as fascinating for the snorkelers as the 25 m deep reefs will be for the divers, where will carry out seawater analyses.

Madagascar

With its 1600 km length, the world's second largest island state offers incredibly many and diverse habitats, and can only be visited after days of travelling by car or several domestic flights. We will limit ourselves for three full days to a region in the central east of the island (Andasibe National Park) which has an incredible biodiversity and a large density of individual reptiles and amphibians. Our top priorities will of course be the beautiful day geckos and the many chameleon species we want to observe. But the aquarium enthusiasts will also be able to have the time of their lives: in the streams and rivers live endemic fish and invertebrate species which we are surely bound to find. The water of some streams is so clear that snorkelling observations are possible.





Mauritius

After flying for nearly two hours we will reach the dream island Mauritius. We'll have two whole days to explore the coral reefs and the rainforest in the interior of the island. With the help of the island's JBL importer, who, of course, knows every nook and cranny, we will have the chance to get to know the best spots on the island in no time. The coral reefs are fascinating for snorkelers and divers alike. We intend to compare the water values from Mozambique with those taken in the Seychelles and look for a correlation between the water values and coral growth.

Seychelles

At the end of the expedition we will continue our flight from Mauritius to the Seychelles, 1800 km north and just below the Equator. The Seychelles have become world-famous for their granite rocks and giant tortoises. We will continue our flight from the airport on Mahe to the small island Praslin which provides an ideal basis for explorations. The island is covered by a dense rainforest and has picturesque bays where we also will carry out light measurements. One trip will also take us to the island La Digue which must have the most beautiful granite formations of all Seychelles. From the Seychelles we will head off on a direct flight to Germany or to the participants' other home countries.



JBL Expedition Indian Ocean

Application Form for the 13th JBL Expedition 2018 (Deadline: Aug. 01, 2017)

By sending in this form you are formally applying for a place in the expedition. Should we receive more applications than there are places available, we will draw lots. All applicants will receive a written response by Aug. 20, 2017. If you are accepted, the tour operator will contact you shortly afterwards. The tour operator will also give you the travel contract, and inform you about the exact flight times and the airfare. For important issues please contact the Head of Expedition Heiko Blessin +49 (0) 62 36-41 80 390, email: heiko.blessin@jbl.de

First name: _____ Surname: _____

Gender: _____ Date of birth: _____

Current occupation: _____

Street: _____

Post code and town: _____

Country: _____

Mobile no.: _____ T-shirt size: _____

Email: (important!): _____

Please affix a photo in this field which is marked with your name on the back!

I would like to fly from Frankfurt with the group. The price for the JBL expedition from Frankfurt is approx. € 4.500 (the exact travel price will be fixed mid 2017).

Not included in the travel price are:

Tips, drinks, a few meals, travel cancellation insurance, airport charges, visa fees, National Park entrance fees, diving/snorkelling.

I have a diving licence and have already dives in my logbook.

I will have obtained a diving licence by departure. I have no diving licence and would like to snorkel instead.

I will have a valid passport on the day of departure with at least 4 free pages, and the passport will be valid for at least 6 months from the day of departure.

I speak the following languages: German English French other:

I am committed to finding out about any necessary vaccinations myself (Tropical Institute).

I am physically fit (5 km hiking tour) and don't have any cardiovascular problems: Yes No

I work in the pet shop industry, at as.....

I don't work in the pet shop industry, but am interested in aquatics / terraristics

I agree that photos, on which I can be seen, may be published by JBL.

I have previously participated in the following JBL Workshop/Expedition:

I have previously been unsuccessful in my application for the following JBL Workshop/Expedition:

I would like to participate because ... (one sentence only!):

With my signature I commit myself formally to registering for the 13th JBL Expedition Indian Ocean 2018.

Place/date/signature:

Please send by mail to: JBL GmbH & Co. KG · Heiko Blessin / Expedition 2018 · Dieselstr. 3 · 67141 Neuhofen / Germany



JBL Japan Expedition 2019

Not just koi, koi breeders and the coral reefs are on the agenda of the Ryukyu islands. We also plan to take the ferry to reach the rainforest of the island Iriomote, south of Ishigaki. From there we will take a boat deep into the rainforest to search for fish, invertebrates and, of course, for reptiles, amphibians and spiders. We will examine the light of the habitats with UV and lux measuring devices and record values of humidity and air temperature by means of a data logger.

Rough schedule for the Japan Expedition 2019

Long-haul flight to Tokyo, for Europeans from Frankfurt, but also possible from other countries. From Tokyo we are taking the high-speed train from Shinkansen to Nikko, situated about 180 km to the north. From Kikko we will be continuing our trip to the Nikko National Park with its crystal-clear but cold lakes and rivers, where nobody but us would probably think of snorkelling. Not much has been published about the fish and invertebrates living there.

From Nikko we'll be taking the Shinkansen to the prefecture Niigata, the northern hub of koi breeding. We will visit koi breeders, their breeding facilities and we will have the opportunity to have all our questions answered during discussions with breeders who are friends with JBL.

From Niigata we are then flying 2500 km southwards to the tropical Ryukyu islands which are nearer Taiwan than Japan. We will be based on the island Ishigaki. Part of our group is taking dive boats to the surrounding coral reefs and manta ray dive spots and conducting seawater research there. The other part of the group will be visiting the neighbouring island Iriomote for two days to go deep into the jungle and watch out for interesting terrarium animals to analyse their habitats. You will be able to snorkel in the rivers and observe fish and invertebrates. Hermit crabs, such as the coconut crab are to be found on Iriomote. We are trying to organise a jungle night, but to date haven't received confirmation of that. At the end of the journey we are going to be travelling via Fukuoka, where we will visit the koi farm of the Ogata family, before returning to Tokyo and further to our homelands.

Between 16 to maximum 32 persons will have the chance to participate in this one in a million expedition. You will find the exact travel schedule, the price and the application form on the JBL homepage at the beginning of 2017.



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Joachim Böhme founded the company, JBL, in Ludwigshafen in 1960. Over a period of 57 years, the small family business has developed into one of the leading suppliers of the aquarium, terrarium and pond trade. Today JBL exports to over 65 countries and, with over 1000 articles, has one of the largest ranges of aquarium products in the world.

In the plant Neuhofen/Pfalz, where the expanding company has been located since 1984, production is focused on fish food and water care products.



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