

JBL



Aquarium · Reptile

2015





Dear Friends of JBL,

We may love or hate our smartphones but we are putting them to practical use more and more. With a totally new app you can now have the results of your water tests read out and displayed! I think this combination of modern communication media and hobby aquatics is great and I'll definitely be watching out for future developments which will further link and simplify this hobby with the multimedia world!

I hope you enjoy the new JBL ProScan app and the many other innovations our JBL Development Department has created!

Cordially,

Roland Böhme
General Manager JBL GmbH & Co. KG



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!



Table of contents



For this product you'll find a video on the JBL web site and on YouTube.

Freshwater Aquarium

Food	8-22
Novo Range	8
Artemio	17
PlanktonPur	19
Premium	20
Vitamins	22
Care products	24-37
Water Conditioning	24
Algaecide	27
Remedies	30
Fertiliser	34
ProScape	37
Technic	38-71
CO ₂	38
Light	48
Osmosis	54
Heating / Cooling	56
Air pumps	58
Filters/Pumps	61
Automatic Feeder	71
Accessories	72-103
Filter media	72
Water test	80
Cleaning	84
Cleaning magnets	87
Fish nets	88
Tube/Fitting/Succer holder	89
Accessories air	92
Artemio	97
Breeding	98
Small parts/Snail trap	98
Thermometer	99
Silicone & glue	99
Underlay	100
Installation & maintenance	100
Installation & maintenance of ProScape	102
Decoration	104-107
Substrate	104
Aquarium background glue	107
Cocos Cava	107
Roots	107

Nano Aquarium

Food	108
Nano-Care products	109
Water Conditioning	109
Nano-Accessories	109
Cleaning	109

Marine Aquarium

Food	110
Water Conditioning	111
Technic	112
Water test	113
Filter	114
Light	115

Terrarium

Food	116-120
Turtles/Terrapins	116
Tortoises	117
Reptiles	117
Vitamines/Minerals	120
Care products	121
Technic	122-127
Light	122
Heater	127
Miscellaneous	127
Accessories	128-131
Miscellaneous	128
Cleaning	130
Decoration/protection	130
Substrate	132

Promotion

Promotion Consumer	137
Promotion Shop	140
Shop System	141
JBL Expedition Report 2001-2016	143

NEW

New items 2015

Freshwater Aquarium

Care products

JBL ProScape Fe +Microelements	37
JBL ProScape NPK Macroelements	37
JBL ProScape N Macroelements	37
JBL ProScape P Macroelements	37
JBL ProScape K Macroelements	37
JBL ProScape Mg Macroelements	37
JBL ProScape Volcano Powder	37

Technic

JBL ProFlora CO ₂ CountSafe	44
JBL ProFlora m001 duo	46
JBL CristalProfi m greenline	68
JBL CristalProfi m greenline Modul	68
JBL CristalProfi m greenline FilterPad	68
JBL CristalProfi m greenline Modul FilterPad	68
JBL ProFlow sf (u800, 1100, 2000)	70
JBL AutoFood BLACK	71
JBL AutoFood WHITE	71

Accessories

JBL Fine Filter Foam	72
JBL Coarse Filter Foam	72
JBL FilterBag wide	74
JBL CristalProfi m greenline FilterPad	75
JBL CristalProfi m greenline Modul FilterPad	76
JBL CO ₂ Direct Test Set	81
JBL K Potassium Test Set	82
JBL Mg Magnesium Test-Set freshwater	82
JBL Test Combi Set Plus NH ₄	82
JBL Testlab ProScape	82
JBL ProScan Start	83
JBL ProScan Recharge	83
JBL ProScape Cleaning Glove	86
JBL Suction Holder 5mm	91
JBL ProSilent Ceramic	92
JBL ActionAir Spinning Wheel	94
JBL ActionAir Flint's Compass	94
JBL MotionDeco Medusa XL ORANGE	95
JBL MotionDeco Medusa Set PINK	95
JBL MotionDeco Lionfish	95

JBL BabyHome Oxygen	96
JBL Aquarium Thermometer Mini	99
JBL ProScape Plantis	102
JBL ProScape Tool S straight	102
JBL ProScape Tool S curved	102
JBL ProScape Tool S wave	102
JBL ProScape Tool S spring	102
JBL ProScape Tool P straight	103
JBL ProScape Tool P slim line	103
JBL ProScape Tool P curved	103
JBL ProScape Tool SP straight	103

Decoration

JBL ProScape PlantSoil BEIGE	106
JBL ProScape PlantSoil BROWN	106
JBL ProScape ShrimpSoil BEIGE	106
JBL ProScape ShrimpSoil BROWN	106
JBL ProScape Volcano Mineral	106

Marine Aquarium

Water Conditioning

JBL ProSilent Ceramic	112
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Filter

JBL ProFlow sf (u800, 1100, 2000)	114
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Terrarium

Technic

JBL UV-Spot plus	122
JBL ReptilDesert L-U-W Light alu	124
JBL ReptilJungle L-U-W Light alu	124

Accessories

JBL ReptilBar GREY	128
JBL ReptilBar RED	128
JBL ReptilBar SAND	128
JBL ReptilCava GREY	131
JBL ReptilCava RED	131
JBL ReptilCava SAND	131

Symbols:



for freshwater



for saltwater



for shrimp



for reptiles



for turtles



for tortoises



for pond

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, terrarium 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.

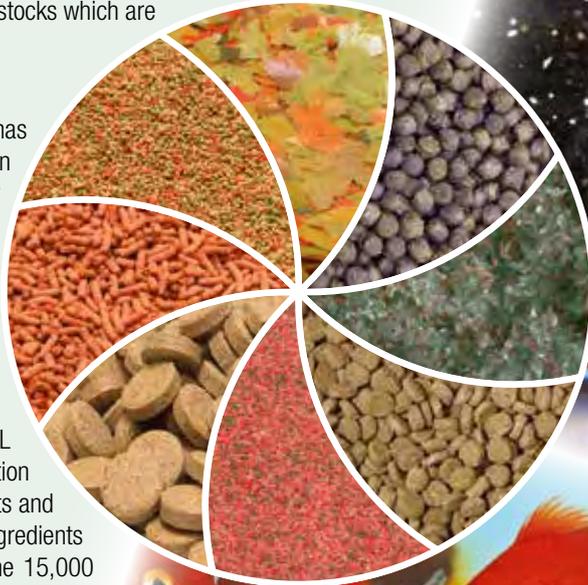
Wide variety of ingredients: Whoever has 54 different frozen or live types of food in their fridge? JBL NovoBel staple food, for example, contains 7 flakes with a total of 54 different natural raw ingredients. Fish are familiar with this variety in the wild and should not receive any less in the aquarium!

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!



Food > Novo Range > For all species / flakes



JBL NovoBel
Main food for aquarium fish

- Flake food for aquarium fish of 3 to 20 cm length.
- Does not cloud the water.
- Optimal protein/fat ratio. No fish meal.
- Dermatologically tested.
- 50 raw ingredients in 7 different flakes.
- Phosphate contents precisely balanced for reduced algae growth and optimal fish growth.

Art. no.	Content	Weight	UP
30120	100 ml	18 g	12
30130	250 ml	45 g	12
30140	1000 ml	190 g	6
30154	5500 ml	950 g	1
30155	12,5 l	2100 g	1



JBL NovoBel Refill Pack
Fits to 1000ml container

- Food flakes identical to the main food JBL NovoBel.
- Price advantage due to a refill pack that saves on raw materials. Saves resources, eco-friendly form of packaging.
- High quality seal protects the food from air and light.
- Can be inserted into the original JBL container.
- Aquarium keepers save money - JBL saves on packaging.

Art. no.	Content	Weight	UP
30141	750 ml	135 g	12



JBL NovoGrand
Main food for large aquarium fish

- Flake food for aquarium fish of 10 to 25 cm length.
- Does not cloud the water.
- Optimal protein-fat ratio. No fish meal.
- Dermatologically tested for skin compatibility.
- Phosphate contents precisely balanced for reduced algae growth and optimal fish growth.
- With natural vitamin E as an antioxidant and stabilized vitamin C.

Art. no.	Content	Weight	UP
30180	1000 ml	160 g	3
30185	12,5 l	2200 g	1



JBL NovoColor
Coloured food for aquarium fish

- Flake food for aquarium fish of 3 to 20 cm length.
- Selected raw ingredients with valuable carotenoids and Omega 3 fatty acids enhance brilliant colouring.
- Does not cloud the water. No fish meal.
- Strong and healthy growth with little water pollution due to a naturally balanced protein-fat ratio.
- Dermatologically tested for skin compatibility.

Art. no.	Content	Weight	UP
30156	100 ml	18 g	6
30157	250 ml	45 g	6



Food > Novo Range > For all species / granulate



JBL NovoGranoMix mini CLICK
Main food for professional feeding of all smaller-sized aquarium fish

- Mini-sized granular main food for small fish of 3 to 10 cm length.
- The Click dispenser lid makes perfect dosing possible. 1 x click for 5 fish.
- Does not cloud the water.
- Strong and healthy growth with little water pollution due to a naturally balanced protein/fat ratio.

Art. no.	Content	Weight	UP
30100	100 ml	42 g	6



JBL NovoGranoMix mini
Refill box for GranoMix mini food dispenser

- The click dispenser lid of the Grano mini range can simply be screwed on to this container.
- The product contains the same ingredients as JBL NovoGranoMix mini.

Art. no.	Content	Weight	UP
30099	100 ml	42 g	6
30111	5500 ml	2400 g	1



JBL NovoGranoColor mini CLICK
Mini coloured granular food for small aquarium fish

- The Click dispenser lid makes perfect dosing possible. 1 x click for 5 fish of 3 - 10 cm!
- Does not cloud the water.
- Strong and healthy growth with little water pollution due to a naturally balanced protein-fat ratio.
- Selected raw ingredients with valuable carotenoids and Omega 3 fatty acids enhance brilliant colouring.

Art. no.	Content	Weight	UP
30098	100 ml	43 g	6





JBL NovoGranoColor mini

Refill box for GranoColor mini food dispenser

- The click dispenser lid of the Grano mini range can simply be screwed on to the container.
- Product contains the same ingredients as NovoGranoColor mini.

Art. no.	Content	Weight	UP
30097	100 ml	43 g	6



Aquarium Keeping Fresh Water



JBL NovoGranoMix CLICK
Granular main food for aquarium fish

- With the click dispenser lid: 1 x click for 5 fish of 6 - 15 cm length. Does not cloud the water.
- Strong and healthy growth with little water pollution through a naturally balanced protein-fat ratio.
- Dermatologically tested for skin compatibility.
- The food container is freshness sealed under the dispensing lid.

Art. no.	Content	Weight	UP
30101	250 ml	115 g	6



JBL NovoGranoMix
Granulate food mixture for community aquariums

- Coloured granular food for aquarium fish. Refill container without the Click dispenser lid.
- The Click dispenser lid of the 250 ml container can easily be screwed onto the 250 ml refill container.
- The composition corresponds 1:1 to JBL NovoGranoMix.

Art. no.	Content	Weight	UP
30102	250 ml	110 g	6



YouTube



JBL NovoGranoColor CLICK
Coloured granular food for aquarium fish

- The Click dispenser lid makes perfect dosing possible.
- 1 x click for 5 fish of 6 - 15 cm length!
- Does not cloud the water. Strong and healthy growth with little water pollution through a naturally balanced protein/fat ratio.
- Selected raw ingredients with valuable carotenoids and Omega 3 fatty acids enhance brilliant colouring.
- The food container is freshness sealed under the dispensing lid.

Art. no.	Content	Weight	UP
30104	250 ml	107 g	6



JBL NovoGranoColor
Coloured granular food for aquarium fish

- Refill container without the click dispenser lid.
- The click dispenser lid of the 250 ml container can easily be screwed onto the 250 ml refill container.
- The composition corresponds 1:1 to JBL NovoGranoColor.

Art. no.	Content	Weight	UP
30105	250 ml	120 g	6



YouTube



JBL NovoBits CLICK
Granules for discus fish and other hard-to-please tropical fish

- With the Click dispenser lid: 1 x click for 5 fish of 6 - 15 cm length.
- Enhances the colouration of the fish through high-grade astaxanthin and carotenoids.
- Does not discolour or stain the water.
- The food container is freshness sealed under the dispensing lid.
- With natural vitamin E and stabilised vitamin C.

Art. no.	Content	Weight	UP
30313	250 ml	100 g	6



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



JBL NovoBits
Refill pack without click dispenser lid.

- Granulate 100% identical to JBL NovoBits.
- The dosing cap can easily be screwed on to the 250 ml container.

Art. no.	Content	Weight	UP
30314	250 ml	100 g	6
30315	1000 ml	450 g	6
30316	12,5 l	5500 g	1



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



JBL NovoFil
Red blood worms, vacuum freeze-dried

- Top-class supplementary food for very fastidious fish.
- Vacuum drying method is gentle on the containing nutrients.

Indispensable for fish breeding.

- No risk of disease compared to living red mosquito larvae and less water pollution than when using frozen food.

Art. no.	Content	Weight	UP
30260	100 ml	8 g	6
30270	250 ml	20 g	6



JBL NovoFex
Tubifex cubes

- Supplementary food as treats for aquarium fish and turtles.
- Freeze-dried tubifex cubes left in their natural state.
- Higher protein concentration strengthens weakened fish.
- Armoured catfish love to dig JBL NovoFex cubes out of the gravel (soak first, because the cubes normally float).
- Vacuum production process preserves the valuable nutrients.

Art. no.	Content	Weight	UP
30620	100 ml	10 g	6
30630	250 ml	30 g	6



JBL NovoDaph
Natural Daphnia

- Natural food supplement for all fish species.
- High quality dietary fibres improve digestion in fish.
- Adds variety to the fishes' diet.
- Treats for both smaller and medium-sized fish species.

Art. no.	Content	Weight	UP
30700	100 ml	9 g	6



JBL NovoArtemio
Vacuum freeze-dried artemia salina

- THE favorite food of almost all aquarium fish in mid-sized chunks for biting off.
- Artemia shrimp are considered to be extremely nourishing and healthy for a species-appropriate and diversified fish nourishment.
- For geobiont organisms the floating chunks of food can be pushed under water so that they loose their upward force.

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



Preview JBL Expedition Venezuela 2016



YouTube



JBL NovoTab

Tablet food for all aquarium fish

- Food tablets stick to aquarium glass.
- Free of water-polluting bonding agents.
- 10% high-quality freeze-dried feed animals.
- Contains 80 % animal protein and 20 % plant protein.
- Perfect protein-fat ratio for healthy fish. Composition similar to JBL NovoBel, making it suitable as a main food.
- Does not cloud the water. Dermatologically tested.

Art. no.	Content	Weight	UP
30230	100 ml	60 g	12
30240	250 ml	160 g	6
30245	1000 ml	640 g	3
30246	12,5 l	7000 g	1



YouTube



JBL NovoFect

Vegetarian tablets

- The food tablet adheres to the tank glass.
- Press the tablet onto the tank glass to let you observe the fish while they enjoy their food.
- Plant fibre makes them more readily digestible.
- Contains 6 % spirulina algae content.
- Free of water-polluting bonding agents.
- Does not cloud the water. Dermatologically tested.

Art. no.	Content	Weight	UP
30247	100 ml	58 g	12
30248	250 ml	160 g	6
30249	1000 ml	640 g	3
30250	12,5 l	7000 g	1



YouTube



JBL NovoPleco

Algae wafers containing wood for plecos

- Herbivorous plecos need food containing 10 % wood for digestion, the exact amount these wafers contain.
- As these novel wafers do not dissolve in water, they do not pollute the water, thereby giving shy fish the opportunity to feed in peace later.
- The sinking wafers contain energy-providing wheat germ in addition to spirulina and vegetable matter.
- Does not cloud the water. Dermatologically tested.

Art. no.	Content	Weight	UP
30310	100 ml	53 g	6
30311	250 ml	133 g	6
30312	1000 ml	530 g	3
30309	5500 ml	2900 g	1



JBL NovoPleco XL

Extra large food wafers for plecos

- Formulated for algae/plant feeding plecos of 12 - 50 cm.
- Very hard chips which need to be chipped off (as in the wild).
- With 10 % wood fibre which many plecos need for their digestion. Retain their shape in water i.e. the chips do not disintegrate and cloud the water.
- 4 x bigger than JBL NovoPleco. Dermatologically tested.

Art. no.	Content	Weight	UP
30341	250 ml	125 g	6
30342	1000 ml	500 g	3
30343	5500 ml	2750 g	1



Aquarium Keeping Fresh Water





YouTube



JBL NovoGranoVert mini CLICK

Mini green food granulate

- The click dispenser lid makes perfect dosing possible. 1 x click for 5 fish of 3 - 10 cm!
- Does not cloud the water. 79 % plant content with valuable fibres for species-appropriate nutrition and a healthy digestive system.
- 5 % spirulina algae for balanced, natural colouration. Dermatologically tested.

Art. no.	Content	Weight	UP
30096	100 ml	40 g	6



JBL NovoGranoVert mini

Refill pack for JBL GranoVert mini dispenser

- The click dispenser lid of the Grano mini range can simply be screwed on to the container (only with 100 ml container size).
- Product contains the same ingredients as NovoGranoVert mini.

Art. no.	Content	Weight	UP
30095	100 ml	40 g	6



JBL NovoVert

Main food for herbivorous aquarium fish

- Flake food with 76 % plant ingredients for species-appropriate nutrition and a healthy digestive system.
- 10 % spirulina algae for balanced, natural colouration. Dermatologically tested for skin compatibility.
- Does not cloud the water.
- Easily digestible and nutritious due to ultra-fine grinding of the raw ingredients.
- With natural vitamin E and stabilized vitamin C.

Art. no.	Content	Weight	UP
30190	100 ml	16 g	6
30195	250 ml	40 g	6

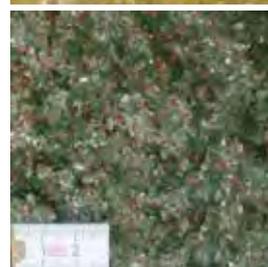


JBL NovoGuppy

Main food for guppies and other livebearers

- Main food flakes with a high plant content for all live-bearing killifish (e.g. guppies, platies, etc.).
- 7 % spirulina algae imitates the natural diet of live-bearing fish such as guppies.
- Essential carotenoids enhance brilliant colouring.
- First choice for professional guppy breeders.
- Dermatologically tested to reduce the risk of allergies to our customers. Does not cloud the water.

Art. no.	Content	Weight	UP
30175	100 ml	21 g	6
30176	250 ml	58 g	6



Preview JBL Expedition Venezuela 2016





JBL NovoStick M

Main food sticks for cichlids

- For mainly carnivorous tilapia fish (cichlids). Protein/fat ratio meets nutritional needs.
- Does not cloud the water.
- Readily eaten by other large species of fish as well. Meat content consists exclusively of fish meat.
- With stabilised vitamin C.

Art. no.	Content	Weight	UP
30289	250 ml	110 g	6
30290	1000 ml	440 g	3
30291	5500 ml	2530 g	1

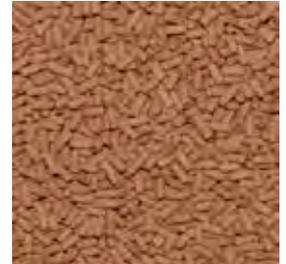


JBL NovoStick XL

For large cichlids

- Food sticks for primarily carnivorous (meat eating) large fish. 6-7 mm diameter.
- Exclusively made of proteins and fats from aquatic animals! Also suitable for predatory East African cichlids such as cyphotilapia and many haplochromis species.
- Vitamins and natural extracts promote natural brilliant colouring.

Art. no.	Content	Weight	UP
30281	1000 ml	400 g	3
30282	5500 ml	2200 g	1



JBL NovoTanganjika

Flakes as main food for predatory cichlids

- Specially developed for predatory species of cichlid from Lakes Tanganjika and Malawi.
- Exclusively contains fish protein and plankton animals which also form the basis of their diet in the wild.
- Carotenoids from shrimp promote exceptionally brilliant colouring in the fish. Contains 1% garlic.
- Dermatologically tested. Does not cloud the water.

Art. no.	Content	Weight	UP
30020	250 ml	45 g	6
30021	1000 ml	190 g	3
30022	5500 ml	950 g	1



JBL NovoMalawi

For algae-eating Lake Malawi and Lake Tanganyika cichlids

- Contains 38 % high quality spirulina algae that are rich in protein (S. platensis) + plankton.
- Studies in the lakes of the Great Rift Valley have shown that algae-grazing cichlids eat diatom and blue-green algae (Cyanophyceen), and not green algae as often presumed!
- Does not cloud the water.
- Dermatologically tested.

Art. no.	Content	Weight	UP
30010	250 ml	40 g	6
30011	1000 ml	156 g	3
30012	5500 ml	860 g	1



JBL NovoRift

Food sticks for grazing cichlids from African rift lakes

- Contains 90 % plant protein and 10 % animal protein.
- Specially designed to meet the nutritional needs of Tropheus, Pseudotropheus species, etc.
- With protein-rich Spirulina algae.
- Contains natural vitamin E as an antioxidant.

Art. no.	Content	Weight	UP
30293	250 ml	133 g	6
30295	1000 ml	530 g	3
30296	5500 ml	2750 g	1



JBL NovoFlower mini

Special granules for small to medium-sized Flowerhorn cichlids

- For flowerhorn cichlids up to 12 cm.
- Excellent colours due to the high astaxanthin content.
- Multivitamin mix increases resistance to diseases.
- Well-balanced content of proteins and fats to ensure healthy growth.

Art. no.	Content	Weight	UP
30317	250 ml	110 g	6

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





JBL NovoRed

Main food for goldfish

- Flake food with a species-appropriate protein-fat ratio (low protein content of 35 %).
- 70 % plant content with valuable fibres for species-appropriate nutrition and a healthy digestive system.
- High proportion of unsaturated fatty acids due to wheat germ.
- Does not cloud the water. Dermatologically tested.
- Contains natural Vitamin E as an antioxidant.

Art. no.	Content	Weight	UP
30199	100 ml	16 g	12
30200	250 ml	45 g	12
30220	1000 ml	190 g	6



JBL NovoRed Refill

Refill pack for the 1000 ml container

- Money saving refill pack for the JBL Novored 1000 ml container.
- Convenient to insert into the 1000 ml container.
- The food is identical to JBL NovoRed.

Art. no.	Content	Weight	UP
30221	750 ml	130 g	12



NOTE!
This product is only available with French/Dutch label.
ATENCIÓN! Este producto está solamente disponible con etiqueta en Francés/Olndes



JBL NovoPearl CLICK

Food pellets for goldfish with the Click doser

- With the convenient click dosage lid.
- One click will provide the food dosage for 5 fish.
- Main food for goldfish and fancy goldfish such as Shubunkin.
- No cloudy water.
- 53 % plant ingredients for a healthy diet.
- Balanced protein/fat ratio.

Art. no.	Content	Weight	UP
30303	100 ml	37 g	6



JBL NovoPearl

Floating food pellets for goldfish

- Floating pearls as main food for goldfish and fancy goldfish such as Shubunkin.
- No cloudy water.
- 53 % plant ingredients for a healthy diet.
- Balanced protein/fat ratio.
- Also serves as a refill container for JBL NovoPearl with the Click dispenser lid.

Art. no.	Content	Weight	UP
30299	100 ml	37 g	12
30300	250 ml	93 g	6



JBL Holiday Red

Holiday food for goldfish

- Contains 3 food blocks for goldfish, fantails and similar species.
- 1 food block feeds 1-3 goldfish for 4 to 6 days.
- The food is encased in calcium sulfate which dissolves with no harmful effects for plants or micro-organisms.

Art. no.	Weight	UP
40321	17 g	12



Food > Novo Range > Crabs & Shrimp

YouTube



JBL NovoCrabs

Main food for lobsters and crabs

- Sinking food wafers for crustaceans with claws.
- Contain 5 % wood fibre and 10 % herbs.
- Stable in water, i.e. the wafers do not disintegrate on their own. Meet nutritional needs through the addition of 5% wood fibre.
- With a high cellulose content which is essential to building up the chitin shell according to scientific results! This ensures trouble-free moulting.
- Also suitable for marine crustaceans.

Art. no.	Content	Weight	UP
30273	100 ml	49 g	6
30272	250 ml	123 g	6



JBL NovoPrawn CLICK

Food pellets for shrimp with the Click dosage lid

- Now new: With 20 % nettle, a favourite among shrimp experts.
- A staple food for all smaller shrimp species that is predominantly plant-based.
- Perfect colouration of red, blue and multi-coloured shrimps.
- Size: 2 - 3 mm. Species-appropriate nutrition with 5 % spirulina and 20 % nettle.
- Also available as a refill pack without the click dosage lid (JBL NovoPrawn).

Art. no.	Content	Weight	UP
30274	100 ml	58 g	6



JBL NovoPrawn

Food pellets for shrimp

- The food is identical to JBL NovoPrawn Click.
- Also serves as a refill pack for JBL NovoPrawn with the click dosing cap.

Art. no.	Content	Weight	UP
30276	100 ml	58 g	6
30277	250 ml	145 g	6



Aquarium Keeping Fresh Water

Food > Novo Range > Special



JBL NovoDragon Shrimp

Long food sticks for Arowana

- Now with an elongated, floating, worm-like shape.
- With a higher shrimp content for perfect acceptance.
- Specially sourced carotinoids produce brilliant colouring, especially in red arowana.
- Prevents one-sided diet.
- High vitamin content ensures a high resistance to disease.

Art. no.	Content	Weight	UP
30283	1000 ml	440 g	6



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



JBL NovoBeta

Main food flakes for fighting fish

- Specially developed for the carnivorous diet of Betta splendens and its variants.
- High-grade proteins and krill plus essential carotenoids enhance brilliant colouring.
- Promotes spawning in female fish.
- Strengthens resistance to diseases.

Art. no.	Content	Weight	UP
30171	100 ml	25 g	6



JBL NovoLoti

Sinking food pearls for smaller-sized Axolotl

- Specially formulated food with proteins and fats from aquatic animals and 5% spirulina algae to meet the nutrition needs of smaller-sized axolotl.
- High vitamin and protein content with an optimum protein/fat ratio of 3,6:1 to ensure healthy growth of young, fast growing animals.
- Sinking food pearls retain their shape to meet the requirements of bottom feeding axolotl.

Art. no.	Content	Weight	UP
30353	250 ml	150 g	6



JBL NovoLoti XL

Sinking food pearls for larger-sized Axolotl

- Protein content adapted to the smaller requirement of larger-sized animals (18 cm and over) with proteins and fats from aquatic animals and 5% spirulina algae.
- Optimum protein-fat ratio of 3,6:1 ensures balanced growth of larger-sized animals, plus a vitamin mix for enhanced resistance.
- Sinking food pearls (5 mm) retain their shape to meet the requirements of bottom feeding axolotl.

Art. no.	Content	Weight	UP
30358	250 ml	150 g	6





JBL Holiday
Holiday fish food

- Food block for approx. 2 weeks.
- Feeds approx. 25 average-sized ornamental fish.
- The block only dissolves when the fish feed.
- The gypsum content in the block is completely safe for the tank inhabitants.
- Contents: 1 food block.

Art. no.	Weight	UP
40310	43 g	12



JBL Holiday Red
Holiday food for goldfish

- Contains 3 food blocks for goldfish, fantails and similar species.
- 1 food block feeds 1-3 goldfish for 4 to 6 days.
- The food is encased in calcium sulfate which dissolves with no harmful effects for plants or micro-organisms.

Art. no.	Weight	UP
40321	17 g	12



JBL Weekend
Weekend fish food

- 4 food blocks for 3 days each.
- Feeds approx. 15 medium-sized ornamental fish.
- The block only dissolves when the fish feed.
- The gypsum content in the block is completely safe for the tank inhabitants.

Art. no.	Weight	UP
40320	20 g	12



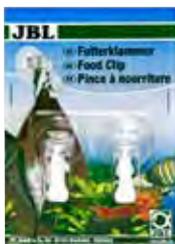
JBL NovoStation
Feeding ring with level-adaptation for the aquarium

- The ideal feeding place for all aquarium fish.
- Targeted feeding, with no loose food floating around.
- Always perfectly positioned, even when water levels in the aquarium vary.
- All fish congregate at the feeding place and can easily be observed.
- 9 x 9 cm.

Art. no.	Size	UP
61369	90x90 mm	6



YouTube



JBL Food Clip
Universal food clip with a suction holder

- Ideal for food (algae leaves, salad, Catappa leaves).
- With a flexible clip that can be rotated in all directions.
- Merely attach to the panel and the fish and invertebrates will remain in full view while they are feeding.
- Prevents food from floating into the decorations where the fish may no longer be able to reach it consequently polluting the water. Conceptualized for fresh water and salt water as well as terrariums.

Art. no.		UP
63163		6



Preview JBL Expedition Venezuela 2016



Food > Novo Range > Breeding diet



JBL NovoBea

For guppy and other small aquarium fish

- For small fish and fry of 1 – 5 cm length.
- Phosphate contents precisely balanced for reduced algae growth and optimum fish growth.
- Contains natural vitamin E as an antioxidant.
- 52 raw materials in 7 types of flakes offer great variety.
- With stabilized vitamin C.

Art. no.	Content	Weight	UP
30160	100 ml	28 g	6
30165	12,5 l	4000 g	1



JBL NovoTom Artemia

Powder food for young fish, containing artemia (brine shrimp)

- Food size optimally suited for newborn fry of livebearing fish. Nutritionally balanced to promote healthy growth.
- Special finely-ground ingredients.
- With brine shrimp ingredients for better growth and more beautiful colours.
- With natural Vitamin E as antioxidant.

Art. no.	Content	Weight	UP
30253	100 ml	60 g	6



JBL NovoBaby

Breeding-diet set for young fish

- 3 Food tins containing various grades of diet in a set.
- 3 foodsizes:
 - 1.) Newborns up to 15 mm
 - 2.) approx. 15 - 30 mm
 - 3.) from about ca. 30 mm
- With vital vitamins and inositol, an essential biological component, to strengthen the immune system.

Art. no.	Content	Weight	UP
30254	30 ml	18 g	6

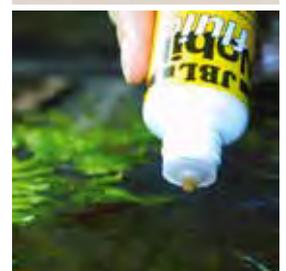


JBL NobilFluid Artemia

Liquid breeding diet containing brine shrimp and vitamins

- For fry of egg-laying fish, which are too small for powder food. Contains brine shrimp to facilitate growth.
- Ultra-fine homogenate of over 50 raw ingredients.
- With a special multivitamin complex and stabilised vitamin C.

Art. no.	Content	Weight	UP
30881	50 ml	54 g	6



Food > Artemio > Artemia miscellaneous



JBL ArtemioMix

Artemia ready-mix (eggs/salt)

- A ready mix comprised of brine shrimp eggs with salt and micro-algae to feed your crustaceans.
- Simply add 3 measuring spoonfuls (included) to 0.5 l mains water. Salt contains a buffer system for an optimum pH level of the water. The brine shrimp hatch after 24 – 36 hours.
- 230 g ready mix for 14 applications of 0.5 l each.

Art. no.	Content	Weight	UP
30902	200 ml	230 g	3



JBL ArtemioKid

Children's ready-mix set for saline shrimp

- Ready-mix comprised of special salt and Artemia eggs.
- Larvae (nauplii) hatch after 24 – 48 hours.
- Ready-mix for 7 - 8 litres of water.
- Easy to use mixture for children to cultivate saline shrimp.
- Must be fed with JBL ArtemioFluid after hatching.
- Contents: 230 g (Artemia eggs/ salt mixture)

Art. no.	Content	Weight	UP
30903	200 ml	230 g	3



JBL ArtemioFluid

Liquid food for Artemia nauplii

- Liquid food comprised of ultra-fine homogenized phytoplankton (algae) and other vital nutrients for breeding Artemia nauplii. Simply add to the water a drop at a time.
- Light green colouring of the water indicates the right amount of food.
- More food should be given when the water is clear again.

Art. no.	Content	UP
30904	50 ml	6



Aquarium Keeping Fresh Water



JBL ArtemioSal
Special salt with micro algae for cultivating Artemia

- 230 g salt for 7 litres of culture solution.
- Contains phytoplankton (microalgae) to feed Artemia nauplii after the yolk sac has been used up.
- A special buffer system ensures an optimal water pH level, which should not be too low.
- Dissolves readily, easy to use.

Art. no.	Content	Weight	UP
30906	200 ml	230 g	3



JBL ArtemioPur
Artemia eggs (top quality)

- Home-grown live food: put the eggs into saltwater and you have your own live food after 24 hours.
- Top quality Artemia eggs with maximum hatching rate.
- Packed using nitrogen to guarantee hatching rate even after longer storage.
- Includes practical dosage spoon.

Art. no.	Content	Weight	UP
30907	40 ml	20 g	6



JBL ArtemioSet
Breeding set for Artemia nauplii

- Live food home-grown in 24 hours.
- Complete cultivation equipment with stand, air pump and 1.8 m air hose.
- Harvesting container and Artemia sieve (0.15 mm mesh) also included.
- The container has been skilfully designed to allow the air from the air pump to be fed to further breeding containers.
- Funnel shape ensures constant movement of all nauplii.

Art. no.	UP
61060	2



JBL Artemio 1
Extension for ArtemioSet

- Complete breeding container as in ArtemioSet, but without air pump and hose.
- Includes a stand which can be permanently connected to other Artemio stands.
- Optional wall-mounting.
- Likewise with a means for redirecting the air flow to additional breeding containers.

Art. no.	UP
61061	2



JBL Artemio 2
Harvesting container for Artemio

- Transparent harvesting container from sturdy plastic.
- Artemia sieve (JBL Artemio 3) and sieve set (JBL Artemio 4) exactly fit onto upper opening.
- Also suitable for other types of live food.

Art. no.	UP
61062	3



JBL Artemio 3
Artemia sieve

- Mesh size 0.15 mm.
- Catches Artemia nauplii and lets saltwater run through.
- Fits exactly on harvesting container (JBL Artemio 2).
- Also suitable for other types of live food.

Art. no.	UP
61063	3



JBL Artemio 4
Sieve combination for live food

- 4 top quality sieves to separate live food from transport water.
- Sieve sizes: 0.15 mm, 0.30 mm, 0.60 mm and 1.00 mm.
- Perfect for Artemia, mosquito larvae, Tubifex, Mysis, water fleas etc.
- All sieves, used in succession, separate live food, e.g. water fleas, into different sizes to feed different sizes of fish according to their needs.

Art. no.	UP
61064	3





JBL PlanktonPur® S
 Natural food from arctic waters for fish sized
2 - 6 cm

- 100% fresh and pure plankton (crustaceans and molluscs 0.2 - 0.5 mm in size) without preservation agents for fresh and salt water fish.
- Well and freshly proportioned, a 2 g stick contains food for fish in aquariums up to 200 l (5 g stick for > 250 l).

Art. no.	Content	UP
30031	8x2 g	6
30033	8x5 g	6



JBL PlanktonPur® M
 Natural food from arctic waters for fish sized
4 - 14 cm.

- Fresh and pure plankton (100% crustaceans and molluscs 2 mm in size) without preservation agents.
- Well and freshly proportioned, a 2 g stick contains food for fish in aquariums up to 200 l (5 g stick for > 250 l).
- Perfect and species-appropriate food for fresh and salt water.

Art. no.	Content	UP
30035	8x2 g	6
30037	8x5 g	6



JBL PlanktonPur – a pure natural product from clean arctic waters

JBL PlanktonPur contains pure natural zooplankton with no preservatives.

Zooplankton is the primary source of food for many fish species in fresh water and salt water. These fish species have adapted to this diet in the course of many generations.

The zooplankton for JBL PlanktonPur is caught sustainably using a special method in the cold, unpolluted arctic waters of Norway.

Immediately after the zooplankton for JBL PlanktonPur (mostly crustaceans and molluscs) is caught, it is gently preserved using a new method which does not require any preservatives.

Plankton Pur
 100 % PREMIUM SELECTION



Food > Premium > For all species



JBL Gala
The premium main food for connoisseurs

- NEW: With zoo plankton (animal plankton, e.g. 20% shrimp) so that even the choosiest of fishes like it.
- Contains 2 % appetite-stimulating garlic. No cloudy water.
- Strong and healthy growth with little water pollution due to a naturally balanced protein-fat ratio.
- Fish fillets sourced from side leftovers from fish fillet production for human consumption.
- As a result, there is no threat to the natural fish populations.

Art. no.	Content	Weight	UP
40430	100 ml	15 g	6
40431	250 ml	38 g	6
40432	1000 ml	160 g	3
40433	5500 ml	950 g	1



JBL Grana CLICK
Premium granular main food for small fish

- With the convenient click dosage lid. One click provides the food dose for 5 fishes. For feeding fish from all water layers.
- Floats, hovers and a part sinks in the water.
- Production that is easy on the raw materials due to high-temperature short-time (HTST) treatment.
- Specially selected raw materials produce a very high acceptance.

Art. no.	Content	Weight	UP
40646	100 ml	43 g	6
40647	250 ml	108 g	6



JBL Grana
Premium class staple granules for small fish

- For feeding of fish of water layers.
- Floats, hovers, and a part sinks in the water.
- Production that is easy on the ingredients due to high-temperature short-time (HTST) treatment.
- Specially selected ingredients ensure very good acceptance.

Art. no.	Content	Weight	UP
40512	250 ml	108 g	6



JBL Krill
Premium class krill flakes

- The main diet of the blue whale, krill, is the concentrated feed of the oceans. Rich in proteins, unsaturated fats and carotene.
- A special ultra-fine grinding process eliminates any danger of gastro-intestinal injury to freshwater fish from the sharp spines of these deep-sea shrimps.
- Perfect for freshwater fish and marine fish.

Art. no.	Content	Weight	UP
40581	100 ml	16 g	6
40582	250 ml	40 g	6



Food > Premium > Discus/Cichlids



JBL GranaDiscus CLICK
Premium granules for discus

- Semi-floating granules.
- Composition and particle size optimally tuned to discus cichlids.
- Premium raw materials such as fish fillet improve the growth and resistance of these hard-to-please cichlids.
- Does not stain water.
- High-quality astaxanthin and carotinoids improves the colouring of fish.

Art. no.	Content	Weight	UP
40651	250 ml	110 g	6



JBL GranaDiscus
Premium granules for discus

- Semi-buoyant granules.
- Composition and particle size optimally tuned to discus fish.
- Premium raw materials such as fish fillet improve the growth and resistance of these hard-to-please cichlids.
- Does not colour water.
- High-quality astaxanthin and carotinoids improve the colour definition of fish.

Art. no.	Content	Weight	UP
40520	250 ml	110 g	6
40521	1000 ml	440 g	3



Food > Premium > Discus/Cichlids



JBL GranaCichlid CLICK

Premium granules for carnivorous cichlids

- Semi-floating premium granular food for medium-sized carnivorous cichlids.
- The meat content consists exclusively of fish proteins.
- Production with high-temperature short-time treatment that is easy on the ingredients.
- Also available as a refill pack without the click dosage lid.

Art. no.	Content	Weight	UP
40655	100 ml	44 g	6
40656	250 ml	110 g	6



JBL Grana Cichlid

Premium granules for carnivorous cichlids

- Semi-floating granular food for medium-sized carnivorous cichlids.
- The meat content consists exclusively of fish proteins.
- Production that is easy on the ingredients due to high-temperature short-time (HTST) treatment.
- Also serves as a refill container for JBL GranaCichlid with click lid.

Art. no.	Content	Weight	UP
40562	250 ml	105 g	6



Food > Premium > Herbivore



JBL Spirulina

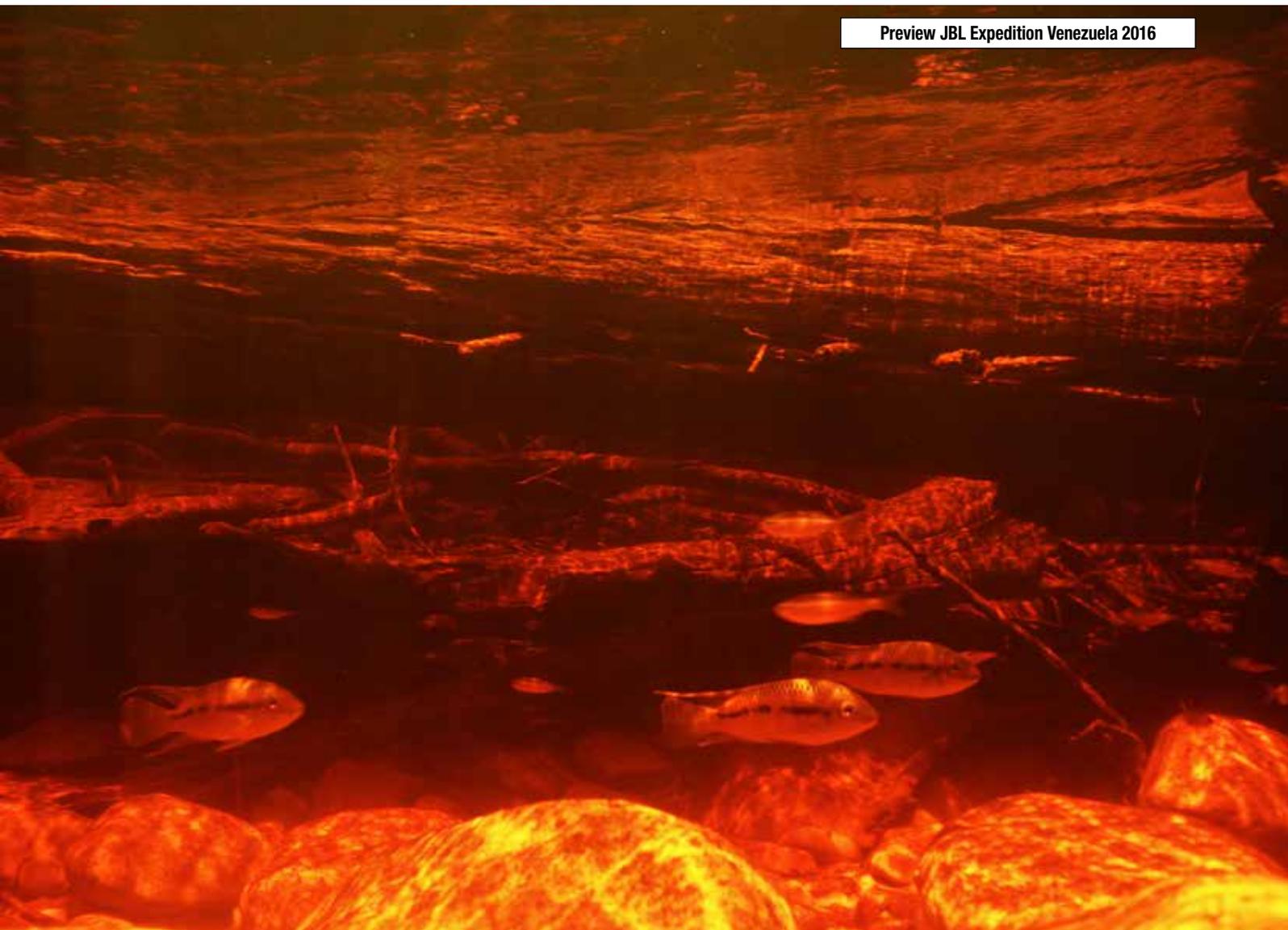
Special flakes for algae grazers in freshwater and saltwater

- Premium Spirulina flakes with 40 % protein-rich spirulina algae (Spirulina platensis).
- Spirulina platensis has a protein content of over 65 %!
- Special features: Ensures perfect acceptance with finely ground whole shrimp (6 %)!.
- Garlic (1 %) promotes the health of the fish.

Art. no.	Content	Weight	UP
30004	100 ml	16 g	6
30001	250 ml	40 g	6
30002	1000 ml	160 g	3
30003	5500 ml	950 g	1



Preview JBL Expedition Venezuela 2016



Food > Premium > Goldfish



JBL GoldPearls CLICK
Premium food pellets for fantail goldfish and other cultivated forms of goldfish.

- With the convenient click dosage lid. 1 X click is enough for 5 fish.
- Sinking food pearls.
- Specially adapted to the needs of these fish, a high level of plant proteins and animal proteins from wheat germs, spirulina, soy and fish.

Art. no.	Content	Weight	UP
40630	100 ml	58 g	6
40631	250 ml	145 g	6



JBL GoldPearls
Premium class pellets for fantails and ornamental goldfish

- Sinking food pellets.
- Specially adapted to the needs of these fish, a high level of plant proteins and animal proteins from wheat germ, spirulina, soy and fish.
- Phosphate contents precisely adjusted to reduced algae growth and optimum fish growth.
- Also serves as a refill container for JBL NovoPearls Click.

Art. no.	Content	Weight	UP
40634	100 ml	58 g	6
40635	250 ml	145 g	6
40636	1000 ml	580 g	3
40637	12,5 l	6800 g	1

NOTE!
 100+250 ml only available with FR/NL label.
 ATENCIÓN! 100+250ml solamente disponible con etiqueta Frances/Olandes



JBL GoldPearls mini CLICK
Premium food pellets for small veiltail goldfish and other fancy goldfish.

- With the convenient click dosage lid.
- 1 x click for the food dose for 5 fish.
- 1-2 mm food perls for young goldfish and fancy goldfish. Spirulina and carotenoids lead to brilliant colouring!
- Sinking food perls to prevent the fish from taking in air at the water surface.

Art. no.	Content	Weight	UP
40643	100 ml	56 g	6



JBL GoldPearls mini
For small fantails and other goldfish breeds

- For young goldfish and fancy goldfish.
- Size: 1-2 mm. Spirulina and carotenoids lead to brilliant colouring! Sinking food pellets prevent the problem of fish from taking in air at the water surface.
- Also serves as a refill container for JBL NovoPearls mini Click.

Art. no.	Content	Weight	UP
40644	100 ml	56 g	6

NOTE!
 This product is only available with French/Dutch label.
 ATENCIÓN! Este producto está solamente disponible con etiqueta en Frances/Olandes



Food > 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	UP
40600	100 ml	58 g	6
40620	250 ml	160 g	6



Food > Vitamins



JBL Atvitol
Multivitamin emulsion with essential amino acids

- To specifically increase vitamin levels of frozen, live, freeze-dried and dried food of all kinds.
- Increases resistancy of fish and prevents deficiency symptoms.
- A special emulsifying process with lecithin ensures full 100 % availability of the fat-soluble vitamins.

Art. no.	Content	UP
20300	50 ml	6



Preview JBL Expedition Venezuela 2016



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

- Conditions tap water quickly to convert it into biotope aquarium water.
- Noticeably protects the mucous membranes, gills, skin and fins.
- For every water change and all new tanks.
- Neutralizes toxic heavy metals (e.g. copper) and chlorine.
- Vitamin B complex has been proven to reduce stress in fish.
- Aloe vera plant extract protects the mucous membranes of the fish.

Art. no.	Content	Range	UP
23001	100 ml	400 l	12
23002	250 ml	1000 l	6
23003	500 ml	2000 l	3
20032	5000 ml	20000 l	1



JBL Biotopol Refill
Water processor in the environmentally friendly refill bag

- Treats tap water quickly to convert it into aquarium water that is suitable for a biotope.
- 1:1 the same optimum composition as JBL Biotopol in the original bottle.
- 500 ml + 125 ml cost-free bonus – you save money – JBL saves on packaging. Active environmental protection in the aquatic field.
- 10 ml / 40 l water = 625 ml for 2500 l aquarium water.

Art. no.	Content	Range	UP
23005	625 ml	2500 l	6



JBL Biotopol R
Water conditioner for goldfish

- Converts aggressive tap water into biotope-like water for goldfish. Neutralises chlorine, chlorine compounds and other disinfectants. Protects the sensitive mucous membranes of goldfish.
- Renders heavy metals such as lead, copper, zinc etc. harmless. Specially balanced to meet the needs of coldwater fish.

Art. no.	Content	Range	UP
23011	100 ml	200 l	12
23012	250 ml	500 l	6

250 ml only available with FR/NL label.
 NOTE!
 100+250 ml only available with FR/NL label.
 ATENCIÓN! 250ml solamente disponible con etiqueta Frances/Olandes



JBL Biotopol C
Water conditioner for crustacea and shrimp

- Reliably absorbs lethal copper.
- For initial setup and water changes.
- Minerals support moulting.
- Neutralizes chlorine compounds.
- Vitamin B-complex protects against stress.
- No harmful effect on the shell (chitin) of crustaceans or shrimp.

Art. no.	Content	Range	UP
23020	100 ml	400 l	12



JBL Acclimol
Acclimatisation protection

- Reduces stress when new fish are acclimatising.
- Increases the resistance of all fish species.
- Facilitates fish keeping.
- Aloe Vera protects mucous membranes.
- Multivitamin complexes with vitamin C and inositol strengthen the immune system.
- An iodine complex prevents iodine deficiency symptoms.

Art. no.	Content	Range	UP
23071	100 ml	400 l	6
23072	250 ml	1000 l	6
23073	500 ml	2000 l	3
20056	5000 ml	20000 l	1



JBL Tropol
Tropical water conditioner

- Creates crystal clear tropical water conditions and prevents algae. Fosters good health in fish through humic substances from peat and tannin from oak bark.
- Active iodine encourages spawning.
- Improves acclimatization of all black water fish (e.g. neon fish, angelfish, discus, etc.).
- Alleviates stress.

Art. no.	Content	Range	UP
23066	100 ml	400 l	6
23067	250 ml	1000 l	6
20055	5000 ml	20000 l	1



JBL Catappa XL
Healing Indian almond leaves in the XL format

- Astringent effect.
- Simply lay the leaves in the aquarium. The effect of the ingredients begins with no further action required and lasts 1 – 3 weeks.
- Harvested directly from the tree, cleaned and sun-dried.
- 1 leaf (approx. 24 cm long) to 50 – 100 l.

Art. no.	Content	Range	UP
25198	10 Pieces	1000 l	12





JBL Denitrol

Bacteria starter

- Biological nitrite removal. Detoxifies water with a fast starting formula using highly active cleansing bacteria and enzymes. For the prevention of fish loss. 8 complementary bacterial cultures for the breakdown of proteins (heterotropic bacteria), ammonium and nitrite. The first fish can be added to the newly established aquarium 48 hours after the application of JBL Denitrol.

Art. no.	Content	Range	UP
23061	100 ml	3000 l	6
23062	250 ml	7500 l	6



JBL FilterStart

Bacteria starter for all filters

- Concentrate of 15 million bacteria which break down pollutants, in particular proteins, ammonium/ ammonia and nitrite.
- Specially recommended after bactericidal medications such as JBL Ektol fluid and after any addition of salt!
- Activates all filters up to 3 litres in volume.

Art. no.	Content	Range	UP
25182	10 ml	3 l	24



JBL FilterStart Red

Bacterial starter for goldfish aquariums

- Shortens biological run-in time to 24 hours, after which the first goldfish can be introduced.
- Sufficient to start max. 30 l aquarium.
- Designed for both the biological start-up of filters and for aquariums.
- Concentrate containing 15 million beneficial bacteria which absorb proteins, ammonium/ammonia and nitrite.

Art. no.	Content	Range	UP
25184	10 ml	3 l	24



JBL FilterBoost

Optimizes the efficiency of the filter

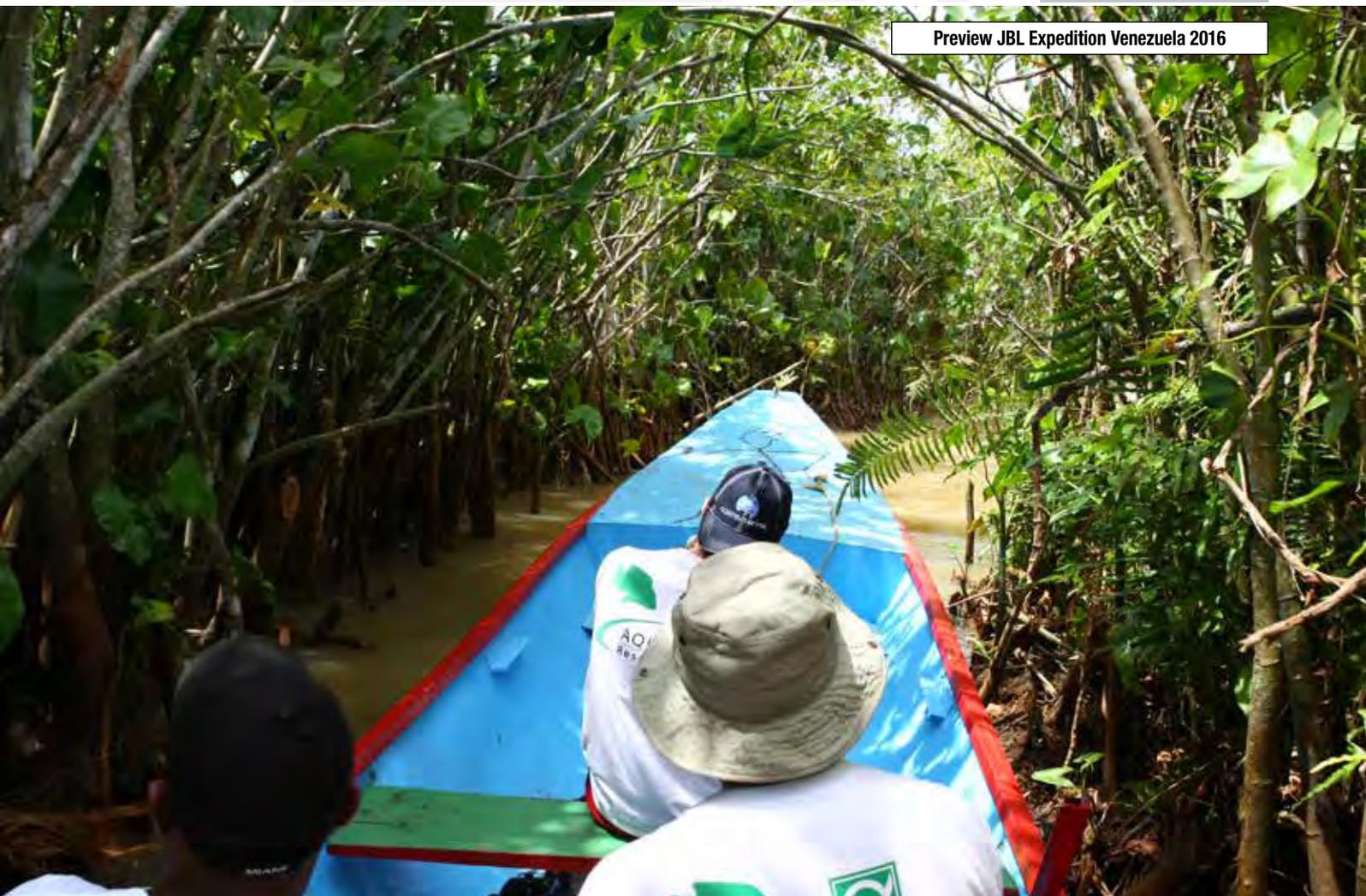
- Pure bacteria specially cultured on mineral granulate.
- Prolongs the cleaning intervals of all filters of up to 6 liter filter volume.
- Heterotrophic bacterial strains effectively break down slime and sediment, preventing the filter material from becoming clogged.

Art. no.	Content	Range	UP
25185	25 ml	6 l	24



NOTE!
This product is only available with French/Dutch label.
ATENCIÓN! Este producto está solamente disponible con etiqueta Frances/Olandes

Preview JBL Expedition Venezuela 2016





JBL PhosEx rapid
Phosphate remover in liquid form
 • Removes the algae nutrient phosphate (PO₄) within a few hours.
 • The phosphates are absorbed and can be removed from the water by the filter.
 • No harmful side-effects.
 • Only suitable for freshwater.

Art. no.	Content	Range	UP
25194	100 ml	400 l	6
25195	250 ml	1000 l	6



JBL Clynol
Liquid filter medium
 • Cleans and clarifies aquarium water by natural micro-fine minerals which absorb materials through their special surface structure. Removes natural and chemical discoloration and particles causing cloudiness.
 • Binds heavy metals, ammonium, proteins and odours.
 • Creates crystal-clear aquarium water without any chemical substances.
 • Overdosage is non-hazardous.

Art. no.	Content	Range	UP
25190	100 ml	400 l	6
25191	250 ml	1000 l	6
25192	500 ml	2000 l	3



JBL Clearol
Water clarifier
 • Produces crystal clear water in no time at all.
 • Removes all types of cloudiness not collected by the filter.
 • Only use with pH-levels over 6 and KH levels over 5° dKH!

Art. no.	Content	Range	UP
23031	100 ml	400 l	6
23032	250 ml	1000 l	6
23033	500 ml	2000 l	3



JBL OxyTabs
Oxygen tablets
 • Oxygen in tablet form to increase the oxygen content of the aquarium in the short term or during fish transport for a maximum of 3 hours.
 • One tablet contains 30 mg oxygen and is sufficient for 10 litres water.

Art. no.	Content	Range	UP
20080	50 Tabl.	500 l	6



JBL pH-Minus
pH- / KH- reducer
 • Phosphate-free preparation to safely reduce the pH level.
 • Every influence on pH must be checked with a pH test.
 • Contains a natural oak extract. The KH should be checked and adjusted to 4 - 8° dKH prior to use. (with JBL AquaDur).

Art. no.	Content	Range	UP
23046	100 ml	400 l	6
23047	250 ml	1000 l	6



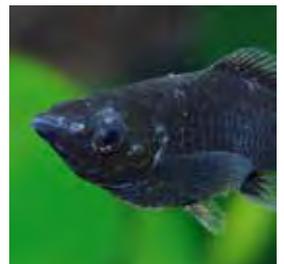
JBL pH-Plus
pH- / KH- increaser
 • Reliably increases pH and KH.
 • 10 ml for 40 l water increase the KH by about 1 ° GKH.
 • JBL CalciuMarin should be used to increase KH and calcium in seawater.

Art. no.	Content	Range	UP
23056	100 ml	400 l	6
23057	250 ml	1000 l	6



JBL Ektol cristal®
Tonic to treat stress and regenerate the mucous membrane
 • Oxygen releasing saline mixture which is effective in reducing stress in fresh water fish and supports the regeneration of mucous membranes. Is effective in assisting medicinal treatment against parasites in the mucous membrane.
 • Especially with livebearing fish the stability of the fish is supported by adjusting the salt content.

Art. no.	Content	Range	UP
10041	80 g	800 l	6
10050	240 g	2400 l	3
10055	3000 g	30000 l	1



*For questions on risks and side-effects please read the package insert and ask your veterinary or pharmacist.
 *Por preguntas sobre riesgos e efectos secundarios por favor leer el manual de instrucciones e consultar su veterinario o farmacia



JBL Aquadur
Minerals to stabilise the pH

- Species-appropriate increase in KH and balancing of pH (incl. measuring spoon).
- Helps prevent mineral deficiency in fish (hole-in-head disease) and plants.
- Adds minerals to every soft water (soft tap water, source water and osmosis water) the same as they are found in the habitat of the tank inhabitants.
- Increases approx. 3000 l by 1 °dKH and 1.6 °dGH.

Art. no.	Content	Range	UP
24902	250 g	3000 l	3



JBL Aquadur Malawi/Tanganjika
Water conditioning minerals for aquariums containing Malawi/Tanganyika cichlids

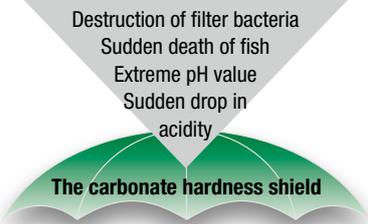
- Produces sea-like hardness with the KH higher than the GH due to sodium carbonates.
- Fish exhibit prettier colours and a higher hatching rate among juvenile fish.
- Lake values: Lake Malawi: GH 5°, KH 7°, Tanganjika: GH 10°, KH 18°.

Art. no.	Content	Range	UP
24903	250 g	800 l	3



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.



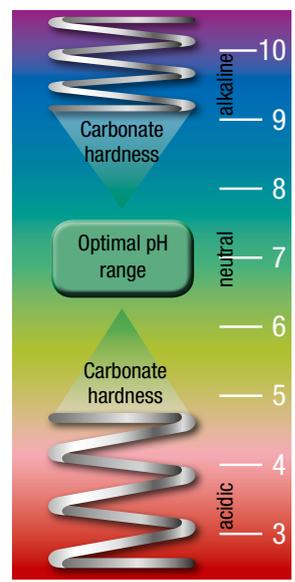
What is the benefit of the correctly adjusted carbonate hardness?

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.

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

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 Algol
Algaecide

- Solves algae problems.
- Effective without copper.
- Reliably combats green, brown, slimy, filamentous (blanket weed), floating and spot algae.
- The effect is such that results are only seen after a few days, but in return the plants do not suffer any damage!

Art. no.	Content	Range	UP
23022	100 ml	400 l	12
23023	250 ml	1000 l	6

Use biocides safely. Always read the labelling and product information before use. Usar biocidas con cuidado. Siempre leer l'etiqueta e l'información sobre el producto prima del uso.



Recognize diseases and deficiencies in time.

<p>Punktol <i>Plus / Red</i></p>  <p>White spot disease</p>	<p>Ektol fluid <i>Plus</i></p>  <p>Fin rot</p>	<p>OodinoI <i>Plus</i></p>  <p>Freshwater oodinium</p>	<p>Fungol <i>Plus</i></p>  <p>Fungal infection</p>	<p>Ektol bac <i>Plus</i></p>  <p>External bacterial infection</p>
				
<p>Cryptocaryon</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>Mouth rot</p> <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>Saltwater oodinium</p> <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>Fungal infection</p> <p>An effective remedy for:</p> <ol style="list-style-type: none"> 1. Fungus (Saprolegniaceae) 2. Mycosis of spawn 3. Achlya 	<p>Open ulcers</p> <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 (*Lemaea*)
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



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JBL Punktol Plus® 125
For treatment of white spot and other ectoparasites

- Also effective against Trichodina, Chilodonella, Cryptocaryon, Brooklynella, Glossatella and others.
- Does not contain copper, no adverse side effects known in fish. Under some circumstances also suitable for invertebrates (fresh water shrimps do not show any problems).
- Half a dose of JBL Ektol cristal® has a supportive effect in removing parasites from the fish.

Art. no.	Content	Range	UP
10065	100 ml	1000 l	6

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



JBL Punktol Plus® 250
For treatment of white spot and other ectoparasites

- Also effective against Trichodina, Chilodonella, Cryptocaryon, Brooklynella, Glossatella and others.
- Does not contain copper, no adverse side effects known in fish. Under some circumstances also suitable for invertebrates (fresh water shrimps do not show any problems).
- Half a dose of JBL Ektol cristal® has a supportive effect in removing parasites from the fish.

Art. no.	Content	Range	UP
10066	100 ml	2000 l	6

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



JBL Punktol Plus® 1500
For treatment of white spot and other ectoparasites

- Also effective against Trichodina, Chilodonella, Cryptocaryon, Brooklynella, Glossatella and others.
- Does not contain copper, no adverse side effects known in fish. Under some circumstances also suitable for invertebrates (fresh water shrimps do not show any problems).
- Half a dose of JBL Ektol cristal® has a supportive effect in removing parasites from the fish.

Art. no.	Content	Range	UP
10068	50 ml	12500 l	1

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



JBL Punktol Red Plus® 125
For treatment of white spot and other ectoparasites in goldfish

- For goldfish and other species in unheated aquariums.
- Also effective against e.g. Trichodina, Chilodonella, Glossatella.
- Does not contain copper, no adverse side effects known in fish.
- Suitable to a limited extend for invertebrates (fresh water shrimps do not show any problems).
- Half a dose of JBL Ektol cristal® has a supportive effect in detaching parasites from the fish.

Art. no.	Content	Range	UP
10080	100 ml	1000 l	6

*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

For treatment of oodinium (velvet disease)

- Acts against dinoflagellates of the oodinium group by increasing the copper content to 0.3 mg/l.
- The JBL Copper Test Cu should be used to check and set the exact dosage.
- Combats all kinds of oodinium parasites in fresh and salt water.
- Never use with invertebrates in fresh or salt water!

Art. no.	Content	Range	UP
10076	100 ml	1000 l	3

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



JBL Ektol fluid Plus®

Against mouth- and fin rot

- Rapid treatment of fin rot and other external bacterial infections.
- Successfully prevents secondary bacterial infections.
- Coverage: 250 l of tank water. Dosage: 10 ml for 25 l of water; in case of repeated treatment 100 ml are enough for a 125 l tank.

Art. no.	Content	Range	UP
10078	100 ml	250 l	6
10069	100 ml	500 l	6

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



JBL Fungol Plus® 250

Against fungal infections

- Whitish, cotton ball-like films are a symptom of a fungal infection.
- Visible fungal infestation is a sign of a secondary infection caused by a skin injury.
- Coverage: 750 l of tank water. Dosage: Day 1 - 10 ml per 80 l of water (Component 1) and Day 7 - 10 ml per 80 l of water (Component 2); in case of repeated treatment 200 ml are enough for a 250 l tank.

Art. no.	Content	Range	UP
10063	200 ml	750 l	6

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



JBL Furanol Plus® 250

For treatment of internal and external bacterial infections

- Effective in treating species of Aeromonas, Pseudomonas, Columnaris, Flexibacter, Streptococcus bacteria and others.
- Helps treat ulcerous, reddened cracks and crater-like indentations, bloodshot places where the fins are attached, on the gill covers and at the anus, boil-like ulcers, frayed, whitish cloudy fins, etc.
- Suited for fresh and salt water.

Art. no.	Content	Range	UP
10070	20 Tabl.	500 l	4

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

JBL Ektol bac Plus® 250

For treatment of bacterial infections

- Effective against species of Aeromonas, Pseudomonas, Columnaris, Flexibacter bacteria and others.
- Helps treat open ulcers, punctiform bleeding, bloodshot places where the fins are attached, on the gill covers and at the anus, boil-like ulcers, protruding gill covers with whitish-yellow coloured gills along with markedly accelerated breathing.

Art. no.	Content	Range	UP
10075	200 ml	500 l	6

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



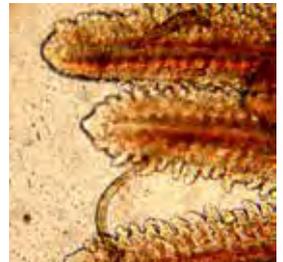
JBL Gyrodol Plus® 250

For treatment of skin worms & gill flukes

- A remedy against gill worms (Dactylogyrus), skin worms (Gyrodactylus) and tapeworms (Cestodae) in aquarium fish of the categories of carp-like, bass-like, catfish-like fish and toothcarp in fresh or salt water.
- Is not tolerated by invertebrates.
- Coverage: 500 l of tank water. Dosage: 10 ml / 50 l of water; in case of repeated treatment 100 ml are enough for a 250 l tank.

Art. no.	Content	Range	UP
10072	100 ml	500 l	3

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





JBL Aradol Plus® 250
For treating carp lice & anchor worms

- Effective against all parasitic crustaceans (carp louse, anchor worm, gill maggots, woodlice). Anchor worms are not worms but crustaceans.
- Do not use with shrimp and crustaceans!
- Coverage: 500 l of tank water. Dosage: 10 ml for 50 l of water; in case of repeated treatment 100 ml are enough for a 250 l tank.

Art. no.	Content	Range	UP
10073	100 ml	500 l	6

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



JBL Nedol Plus® 250
For treatment of roundworms & Camallanus

- Highly effective over-the-counter medication against hair worms (Capillaridae), pinworms (Oxyuridae), Camallanus cotti (Camallanidae) and other nematodes.
- With nematodes only special medicaments like Nedol Plus helps. Remedies against other worm families are not effective against nematodes!
- Coverage: 750 l of tank water. Dosage: 10 ml / 75 l of water; in case of repeated treatment 100 ml are enough for a 250 l tank.

Art. no.	Content	Range	UP
10074	100 ml	750 l	3

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



JBL Spirohexol Plus® 250
For treatment of flagellates & hole-in-head disease

- Effective in treating many species of flagellates such as Spirotrunculus and Hexamita.
- Hole-in-head disease is not caused by flagellates, but instead is primarily the result of insufficient water hygiene and one-sided nutrition as well as a diet that is low in vitamins and minerals.
- Amount required: 500 l of tank water.

Art. no.	Content	Range	UP
10071	100 ml	500 l	3

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



JBL Ektol cristal®
Tonic to treat stress and regenerate the mucous membrane

- Oxygen releasing saline mixture which is effective in reducing stress in fresh water fish and supports the regeneration of mucous membranes. Is effective in assisting medicinal treatment against parasites in the mucous membrane.
- Especially with livebearing fish the stability of the fish is supported by adjusting the salt content.

Art. no.	Content	Range	UP
10041	80 g	800 l	6
10050	240 g	2400 l	3
10055	3000 g	30000 l	1

*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	Aradol Plus	Gyrodol Plus	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!		

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

Liquid complete fertiliser with trace elements

- For the absorption of nutrients through the leaves.
- Contains iron, potassium and other essential minerals and trace elements in plant-available form.
- Does not contain phosphates and nitrates.
- Remedies iron and potassium deficiency.
- Add 5 ml / 20 litres, either weekly or after fertiliser check (JBL Fe Test set).
- Harmless to freshwater crustaceans and shrimp.

Art. no.	Content	Range	UP
23041	100 ml	400 l	12
23042	250 ml	1000 l	6
23043	500 ml	2000 l	3
20175	5000 ml	20000 l	1



JBL Ferropol Refill

Plant fertiliser in an environmentally friendly refill bag

- Primary care for vital plant growth in aquariums.
- 1:1 the same optimum composition as JBL Ferropol in the original bottle.
- 500 ml + 125 ml cost-free bonus – you save money – JBL saves on packaging.
- 10 ml / 40 l water = 625 ml for 2500 l aquarium water.
- Active environmental protection in the aquatic field.

Art. no.	Content	Range	UP
23045	625 ml	2500 l	6



JBL Ferropol 24

Daily fertiliser for aquarium plants

- The daily feed for luxuriant aquarium plants.
- Optimum, targeted care, provides all vital trace elements which cannot be provided by long-term fertilisers.
- Promotes lush growth, even in delicate aquarium plants.
- Contains no phosphates or nitrates.
- Optimum success together with JBL Ferropol (when changing water) and JBL AquaBasis plus (gravel substrate).

Art. no.	Content	Range	UP
20180	10 ml	10000 l	6
20181	50 ml	50000 l	6



JBL FerroTabs

Staple fertiliser concentrate in tablet form to be dissolved in water

- For the absorption of nutrients through the leaves.
- With iron and all essential minerals and trace elements in a form readily-accessible for plants.
- Does not contain phosphates and nitrates.
- Remedies chronic iron and potassium deficiency.
- One tablet / 25 l every 14 days or after fertiliser check (Fe Test set).

Art. no.	Content	Range	UP
20200	30 Tabl.	750 l	6



JBL The 7 balls

7 Root fertiliser balls

- For long-term root fertilising in an established aquarium.
- Contains iron and minerals in a form readily accessible for plants to absorb through the roots.
- Does not contain phosphates and nitrates.
- Depending on the plant size, press one or several balls into the root zone once a year.

Art. no.	Content	Diameter	UP
20110	ca 70 g	20 mm	12

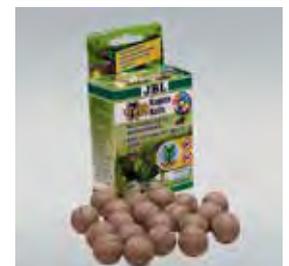


JBL The 7 + 13 balls

20 fertiliser balls for plant roots

- Long-term supply of root fertiliser for the established aquarium. Contains iron and minerals in a form readily accessible to plants through the roots.
- Free of algae-encouraging nitrate and phosphate.
- Depending on the size of the plants, press one or more balls into the root zone once a year.

Art. no.	Content	Diameter	UP
20111	ca 200 g	20 mm	6



JBL Florapol

Long-term nutrient substrate concentrate

- When setting up a new aquarium, mix with the substrate and cover with a top layer of washed gravel/sand.
- Contains all the essential plant nutrients such as iron and clay. Acts as a nutrient depot, absorbing surplus nutrients or releasing them as required.
- Effective for minimum 3 years.
- Does not contain the algae nutrients phosphate and nitrate.

Art. no.	Content	Range	UP
20121	350 g	50-100 l	6
20123	700 g	100-200 l	1





JBL AquaBasis plus

Ready-to-use long-term nutrient substrate mixture for new aquariums

- Does not require mixing with gravel.
- Contains all essential nutrients such as iron, minerals and trace elements.
- Clay pellets act as a nutrient store, absorbing excess nutrients and releasing them again as required.
- Does not contain the algae nutrients phosphate and nitrate. Effective for minimum 3 years.

Art. no.	Content	Range	UP
20212	2,5 l	50-100 l	8
20210	5 l	100-200 l	4



JBL Display AquaBasis plus 5l (75x) Pallet display

- Coloured display box with a coloured header.
- Contains 75 x 5 litres of JBL AquaBasis plus.
- The display is on a so-called Duesseldorf pallet (60 x 40 cm) for better handling in the store.

Art. no.	Content	UP
20215	75 Pieces	1



JBL Manado

Natural substrate which filters and enhances plant growth.

- Supports the filter with its large colonisation area for pollutant-absorbing bacteria.
- The dedicated structure supports the development of plant roots. Restricts the growth of algae by absorbing excess fertiliser from the water.
- The rounded shape is also gentle on the sensitive barbels of ground-dwelling fish.

Art. no.	Content	Range	UP
67021	1,5 l	10 l	10
67022	3 l	25 l	6
67023	5 l	50 l	3
67024	10 l	100 l	1
67025	25 l	350 l	1



JBL ProFloraStart Set

3-component starter set for successful plant care

- The JBL complete fertiliser kit for guaranteed success with planted aquariums.
- Contains:
 - JBL AquaBasis plus – long-term nutrient substrate mixture
 - JBL Ferropol – liquid basic fertiliser
 - JBL Ferropol 24 – daily fertiliser

Art. no.	Content	Range	UP
20217	3 kg	50-100 l	8
20218	6 kg	100-200 l	4



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 fertiliser with iron, potassium, magnesium and the complete trace elements required by the plants.

- Contains a complete maintenance set for all aquatic plants without nitrogen and phosphorus, (where they have to be added separately). Especially developed for heavily planted aquascaping aquariums. Dosage is dependent on the intensity of illumination and the addition of CO₂.

Art. no.	Content
21111	250 ml
21112	500 ml

UP
3
3



JBL ProScape NPK Macroelements
Nitrogen- phosphate- potassium plant fertiliser

- For all aquariums with low fish population, such as nano aquariums and aquascaping aquariums.
- Contains nitrogen (as nitrate), phosphorus (as phosphate) and potassium as well as magnesium for a targeted increase of these values.
- The use of a fertiliser, such as JBL Ferropol or JBL ProScape Fe +Microelements might be preferable in aquariums with higher fish population.

Art. no.	Content
21114	250 ml
21115	500 ml

UP
3
3



JBL ProScape N Macroelements
Nitrogen fertiliser for aquatic plants

- For the fertilising of plants in aquariums with few or no fish population, such as nano aquariums and aquascaping aquariums. Standard dosage in aquariums with CO₂ fertilisation and a lot of light: 2 ml/100 l.
- Contains additional potassium, calcium and magnesium.
- Recommended level: 10 – 30 mg/l nitrate.
- The dosage can be checked with the JBL nitrate test.

Art. no.	Content
21117	250 ml

UP
3



JBL ProScape P Macroelements
Phosphate fertiliser for aquatic plants

- For the fertilising of plants in aquariums with low or no fish population, such as nano aquariums and aquascaping aquariums. Standard dosage in aquariums with CO₂ fertilisation and a lot of light: 2 ml/100 l.
- Recommended level: 0.1 – 1.5 mg/l.
- The dosage can be checked with the JBL phosphate test.
- Contains additional plant-available potassium.

Art. no.	Content
21118	250 ml

UP
3



JBL ProScape K Macroelements
Pure potassium fertiliser for aquatic plants

- For the fertilising of plants in aquariums with few or no fish population, such as nano aquariums and aquascaping aquariums. Standard dosage in aquariums with CO₂ fertilisation and a lot of light: 5 ml/100 l.
- Recommended level: 10 – 20 mg/l.
- The dosage can be checked with the JBL calcium test.

Art. no.	Content
21120	250 ml

UP
3



JBL ProScape Mg Macroelements
Magnesium fertiliser for aquatic plants

- Magnesium is important for the development of the green leaf pigment of the plants.
- Standard dosage in aquariums with CO₂ fertilisation and a lot of light: 5 ml/100 l.
- Recommended level: 5 – 10 mg/l.
- The dosage can be checked with the JBL magnesium test for freshwater.

Art. no.	Content
21122	250 ml

UP
3



JBL ProScape Volcano Powder
Trace elements & minerals for substrates in plant aquariums.

- Primary rock powder (volcanic soil material) with very high natural content of minerals and trace elements.
- Depot effect: enriched with macro nutrients for a long and optimal growth of the aquatic plants.
- Ideal as supplement for JBL ProScape Volcano Mineral, JBL Manado or other substrates.

Art. no.	Content
67088	250 g

UP
3





JBL ProFlora bio80 eco

Reasonably priced bio-CO₂ starter set

- Visible success with magnificent plant growth - and less algae as a result.
- Supplies tanks of 12 - 80 l with the basic nutrient for plants, namely carbon dioxide (CO₂), for 40 days.
- Easy assembly. Ready to use within minutes.
- Comes with a replacement cylinder, bio component, 2 m special black CO₂ hose, suction holders and an air stone.

Art. no.

63040

Range

30-80 l

UP

1



JBL ProFlora bio80

Complete bio-CO₂ starter set with mini-diffuser

- Comes with a professional mini CO₂ diffuser (JBL ProFlora Taifun P) for loss-free CO₂ enrichment of the water.
- Even sensitive plants grow significantly better.
- Supplies tanks of 12 - 80 l with the basic nutrient for plants, namely carbon dioxide (CO₂), for 40 days.
- The bio component (JBL ProFlora bioRefill) must be replenished after 40 days.
- Easy assembly within a few minutes.

Art. no.

63041

Range

30-80 l

UP

1



You Tube



JBL ProFlora bio160

Professional bio-CO₂ starter set with diffuser

- With an extendable mini CO₂ reactor (JBL ProFlora Taifun S) for fast, loss-free CO₂ enrichment of the water.
- Even red, fine, sensitive plants grow significantly better.
- Supplies tanks of 50 - 160 l with the basic nutrient for plants, namely carbon dioxide (CO₂), for 80 days.
- Easy assembly within a few minutes.

Art. no.

63042

Range

50-160 l

UP

1



JBL ProFlora bioRefill

Refill components for JBL bio-CO₂ systems

- Bio-components (A and B) for bio-CO₂ systems.
- Simply add complete refill to the reaction container and fill with water.
- Provides aquariums of 30 - 80 l with the basic plant nutrient carbon dioxide (CO₂) for 40 days.

Art. no.

63043

UP

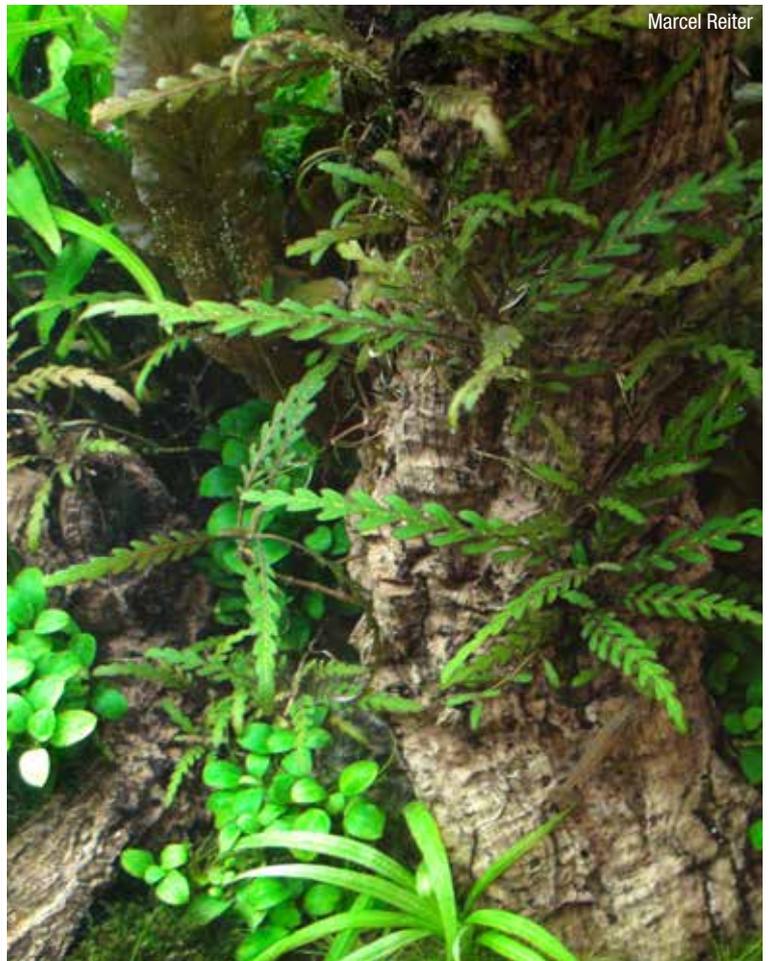
6



Anastasia Melnicova



Marcel Reiter





JBL ProFlora u201
Easy CO₂ fertiliser system with 95 g disposable cartridge for 10 - 200 l

- New mini CO₂ fertiliser system with modern styling.
- Complete system with: 95 g CO₂ disposable cartridge and elegant stand, 2 m hose with clever anti-kink protection, mini pressure regulator, modern mini CO₂ ceramic diffuser, bubble counter with integrated non-return valve and CO₂ permanent test.
- Pressure regulator with pre-set working pressure and a manometer which displays the remaining pressure of the bottle.

Art. no.	Content	Range	UP
63029	95 g	200 l	1



YouTube

JBL ProFlora u401
CO₂ fertiliser system with 500 g disposable cylinder

- Complete system with: 500 g CO₂ cylinder, pressure reducer, CO₂ diffuser JBL Taifun 190 mm, 2 meter CO₂ special hose, CO₂ check valve, CO₂/pH permanent test.
- Professional pressure reducer with pre-set working pressure (= no adjustment required, but possible if required) and 2 pressure gauges displaying the residual pressure in the cylinder and the working pressure set (can be adapted to multiple use system).

Art. no.	Content	Range	UP
63026	500 g	400 l	1



JBL ProFlora u402
CO₂ fertiliser system with 500 g disposable cylinder and night switch-off

- Complete system with: 500 g CO₂ cylinder, pressure reducer, night switch-off, CO₂ diffuser JBL Taifun 190 mm, 2 meter CO₂ special hose, CO₂ check valve, CO₂/pH permanent test.
- With night switch-off which interrupts the CO₂ supply by means of a time-switch (not included) as plants do not need CO₂ in the darkness (halves CO₂ consumption!)

Art. no.	Content	Range	UP
63027	500 g	400 l	1



JBL ProFlora u403
CO₂ fertiliser system with 500 g disposable cylinder and pH control instrument

- Complete system with: 500 g CO₂ cylinder, pressure reducer, pH control instrument, CO₂ diffuser JBL Taifun 190 mm, 2 meter CO₂ special hose, CO₂ check valve, KH Test.
- With pH control device (JBL pH Control), which automatically regulates CO₂ supply and adjusts to the desired pH level selected (incl. calibration solution but without pH electrode!).

Art. no.	Content	Range	UP
63028	500 g	400 l	1



JBL ProFlora u95
CO₂ disposable cartridge with 95 g CO₂

- Pressurised bottle with 95 g CO₂ (carbon dioxide).
- Suitable for instance for JBL ProFlora u201 fertilizer system.
- 17.5 cm in height, 4 cm diameter.
- Maximal safety since it is tested at 275 bar.
- The screw thread does NOT fit normal disposable pressure regulators (JBL ProFlora u001).

Art. no.	Content	UP
63050	95 g	1



JBL ProFlora u95 (3x)
3 x CO₂ cartridge refills at 95 g

- Three cartridge refills with 95 g carbon dioxide (CO₂) each for the JBL ProFlora u201 fertilizer system.
- 17.5 cm in height, 4 cm diameter.
- Maximal safety since it is tested at 275 bar.
- The screw thread does NOT fit normal one-way pressure regulators (JBL ProFlora u001).

Art. no.	Content	UP
63051	3x95 g	1



JBL ProFlora u500
CO₂ disposable 500 g storage cylinder

- Ready-filled with 500 g CO₂.
- Height: 29 cm, diameter: 7.5 cm.
- With integrated stand.
- High safety, tested to 165 bar.
- Thread connection: M 10 x 1.

Art. no.	Content	UP
63174	500 g	1



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): By means of this adapter JBL pressure reducers fit on both disposable bottles and refillable bottles.

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

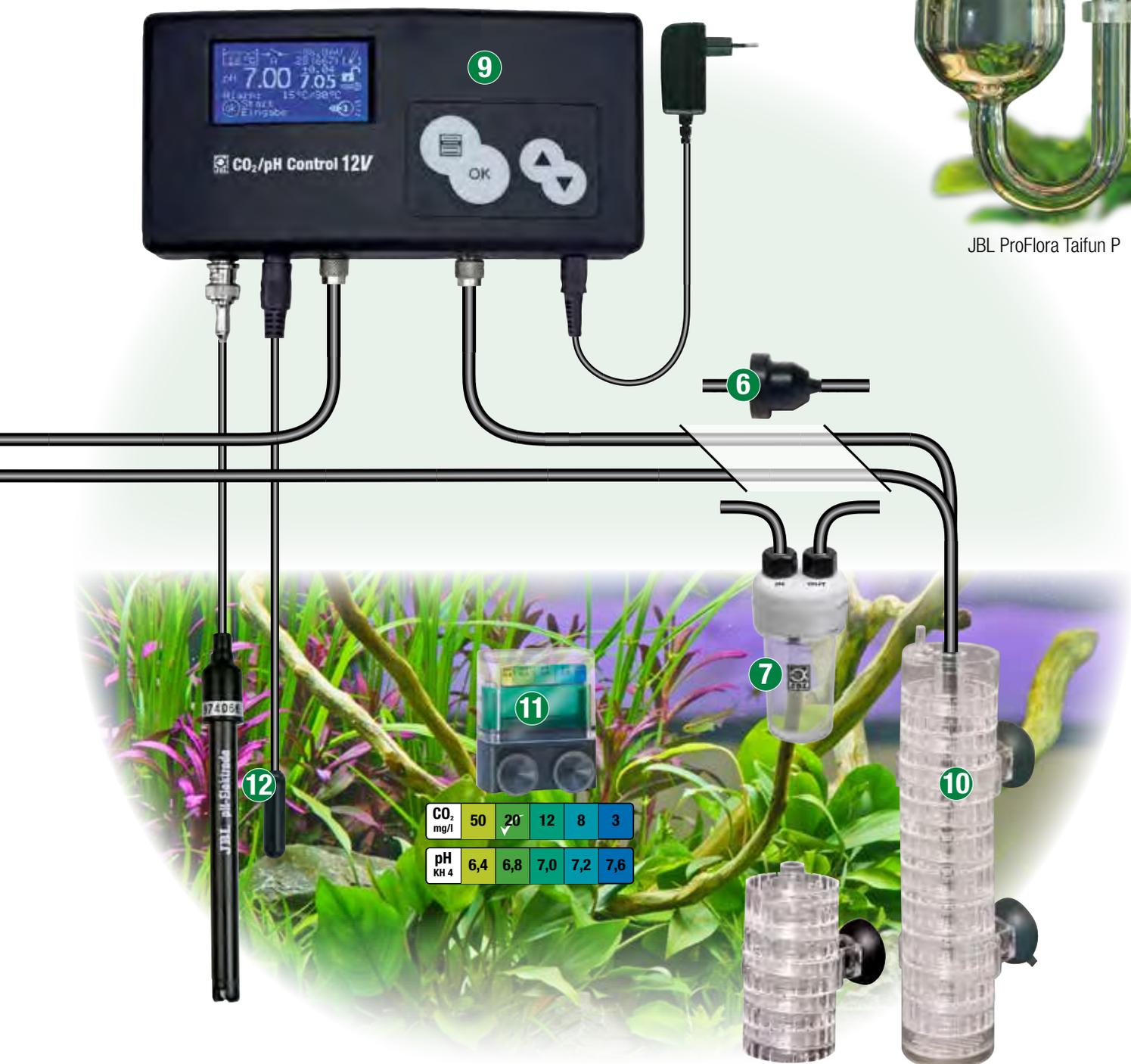
⑥ **Non-return system** (JBL ProFlora SafeStop): This check valve prevents a backflow of aquarium water towards the CO₂ bottle and keeps the technical components dry.

⑦ **Bubble counter with non-return system** (JBL ProFlora CountSafe): Helps you count the

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



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 12 V): This device permanently displays the pH

level of your aquarium water. Adding CO₂ not only fertilises the plants, it also helps to reduce the pH level. The device automatically manages the addition of CO₂ for you.

10 CO₂ diffuser (JBL ProFlora Taifun; Taifun P; Taifun S): The diffuser 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 diffuser.

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 12 V).



YouTube



JBL ProFlora u500 (3x)
3 CO₂ disposable (u-system) 500 g storage cylinders

- Box with 3 x 500 g disposable storage cylinders.
- Ready-filled with 500 g CO₂, each.
- Height 29 cm, diameter 7.5 cm (identical to the JBL ProFlora u500).
- With integrated base.
- Extremely safe since it was tested to 165 bar.
- Thread connection: M 10 x 1.

Art. no.	Content	UP
63173	3x500 g	1



JBL ProFlora u001
Pressure reducer for disposable CO₂ cylinders

- Precision pressure reducer, regulates cylinder pressure from 60 to 1.5 bar. The correct bubble count (amount of CO₂) is then adjusted on the fine needle valve.
- The preset operation pressure (1.5 bar) saves complicated readjustment. (Adjustment possible, if desired).
- 2 pressure gauges display working pressure and cylinder pressure.
- Can be converted to refillable cylinder system using adapter.

Art. no.	Content	UP
63333		1



JBL ProFlora Adapt u-m
Adapts the pressure reducer (u 001) to fit refillable cylinders

- Adapts the JBL CO₂ pressure reducer ProFlora u 001 for use with refillable cylinders (e.g., JBL m-System).
- The modification can be converted back at any time.
- Using an Allen key (size six, not included) the adapter should be screwed into the pressure reducer.
- Time: 20 seconds.

Art. no.	Content	UP
64518		3



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!



JBL ProFlora m601

CO₂ fertiliser system with 500 g refillable cylinder

- Complete system with: 500 g CO₂ cylinder with stand, pressure reducer, CO₂ diffuser JBL Taifun 270 mm, 2 meter CO₂ special hose, CO₂ check valve, CO₂/pH permanent test.
- The system is set to be mounted in whole and conceived for aquariums sized 100 to 600 liters (can be adapted to disposable system).

Art. no.	Content	Range	UP
63020	500 g	600 l	1



JBL ProFlora m602

CO₂ fertiliser system with 500 g refillable cylinder and night switch-off

- Complete system with: 500 g CO₂ cylinder with stand, pressure reducer, night switch-off, CO₂ diffuser JBL Taifun 270 mm, 2 meter CO₂ special hose, CO₂ check valve, CO₂/pH permanent test.
- With night switch-off which interrupts the CO₂-supply at night by means of a time-switch (not included) as plants do not need CO₂ in the darkness (halves CO₂ consumption!)

Art. no.	Content	Range	UP
63021	500 g	600 l	1



JBL ProFlora m603

CO₂ fertiliser system with 500 g refillable cylinder and pH control instrument

- Complete system with: 500 g CO₂ cylinder with stand, pressure reducer, pH control instrument, CO₂ diffuser JBL Taifun 270 mm, 2 meter CO₂ special hose, CO₂ non-return valve, KH Test.
- With pH control instrument (JBL pH-Control), which automatically regulates CO₂ supply and adjusts to the pH level selected (incl. calibration solution but without pH electrode!)

Art. no.	Content	Range	UP
63022	500 g	600 l	1



JBL ProFlora m1003

CO₂ fertiliser system with 2 kg refillable cylinder and pH control instrument

- Complete system with: 2 kg CO₂ cylinder with stand, pressure reducer, pH control device, CO₂ diffuser JBL Taifun 430 mm, 2 meter CO₂ special hose, CO₂ check valve, KH Test.
- With pH control instrument (JBL pH-Control), which automatically regulates CO₂ supply and adjusts to the pH level selected (incl. calibration solution but without pH electrode!)

Art. no.	Content	Range	UP
63025	2 kg	1000 l	1



JBL ProFlora m500 bottle

CO₂ refillable 500 g storage cylinder

- Ready-filled with 500 g CO₂.
- Overall dimensions: 43 x 11 cm.
- With external international valve (W 21.8 x 1/14).
- Safety valve protection (cage).

Art. no.	Content	UP
63172	500 g	1



JBL ProFlora m2000 bottle

CO₂ refillable 2000 g storage cylinder

- Ready-filled with 2 kg CO₂.
- Overall dimensions: 46 x 11.5 cm.
- With external international valve (W 21.8 x 1/14).
- Safety valve protection (cage).
- Free-standing, no stand required.

Art. no.	Content	UP
63202	2000 g	1



JBL CO₂ Refill Service

Environmentally-friendly refill for gas bottles.

- Only suitable for refillable cylinders (JBL m-System)!
- Warning: Do not refill a cylinder with an expired TÜV date!
- The TÜV test date is stamped on the cylinder.

Art. no.	Content	UP
63220	500 g	1
63210	2000 g	1





JBL ProFlora Taifun P NANO
Mini-CO₂ diffuser
 • Small, attractively designed CO₂ diffuser with a ceramic membrane for consistent enrichment of tank water with the basic nutrient for plants, carbon dioxide (CO₂).
 • With special ceramic for small and even-sized CO₂ bubbles.
 • Made of high quality glass, and therefore easy to clean.
 • Fits all standard 4/6 mm CO₂ hoses.

Art. no. Range UP
63476 20-400 l 6



JBL ProFlora Taifun S
CO₂ High-performance diffuser "Small"
 • Shorter "Small" version of the JBL Taifun.
 • Dissolves CO₂ gas in tank water without loss.
 • Suitable for tanks from 20 cm high and to max. 200 litres at 4°KH (up to 100 l at 10° KH).
 • Can be expanded for higher hardness levels or larger tanks.
 Operates without additional pumps. No separate bubble counter required.
 • Can be completely dismantled for easy cleaning (with JBL PowerClean).

Art. no. Range UP
63472 50-200 l 3



JBL ProFlora Taifun
CO₂ High-performance diffuser
 • Dissolves CO₂ gas without loss for lush plant growth in tank water. Suitable for tanks from 30 cm high and to max. 400 litres at 4°KH (up to 200 l at 10° KH).
 • Can be expanded for higher hardness levels or larger tanks.
 Operates without additional pumps.
 • No separate bubble counter required.
 • Can be completely dismantled for easy cleaning (with JBL PowerClean).

Art. no. Range UP
63473 400 l 3



JBL ProFlora Taifun Extend
Extension module for JBL Taifun CO₂ diffuser
 • If the capacity of the JBL Taifun is no longer sufficient (changeover to a larger tank or higher water hardness levels), the JBL Taifun can be expanded by installing these modules.
 • This increases the capacity by 100 litres at 10° dKH or 200 litres at 4° dKH.
 • The diffusion path of the CO₂ is extended by 50 cm.

Art. no. Range UP
63474 200 l 3



JBL ProFlora CO₂ CountSafe
CO₂ bubble counter with check valve
 • To monitor the added CO₂ Quantity (bubble count).
 • Check valve prevents backflow into the CO₂ unit.
 • Elegant white design which enhances the aquarium.
 • Can be mounted outside the aquarium.
 • Back nuts on hose connection prevents accidental loosening of CO₂ hoses.
 • Size: 46 mm x 50 mm x 85 mm.

Art. no. Range UP
63489 3



JBL Power Clean
Cleaner for CO₂ diffuser and aquarium decoration
 • 500 ml concentrate for 1000 ml cleaning solution. For thorough cleaning of CO₂ reactors, decorations and ornaments, heaters, etc.
 • For complete removal of algae films and brush algae on technical equipment or decorations and ornaments.
 • Not suitable for use on plants and other living organisms.

Art. no. Content UP
63530 500 ml 1



JBL Suction pad 37mm
Rubber suction pad with clamp for 37 - 45 mm, e.g. JBL Taifun Reactor
 • Holds all round objects from 37 to 45 mm in diameter.
 • Very robust, transparent plastic clips with black rubber suction pads.
 • Each package contains 2 suction pads and 2 clips.
 • Open on one end in order to be able to easily remove the fastened object.

Art. no. For Ø UP
63134 37-45 mm 1



NEW

YouTube



JBL ProFlora pH Control

High-End CO₂/pH computer with 15 functions

- Controls CO₂ supply (integral solenoid valve) keeping levels constant for perfect plant growth.
- Automatically calculates optimum pH level for specific KH.
- Indicates: Water temp., alarm for pH and temp., time to new calibration, electrode status, measuring accuracy, key lock.
- Without pH electrode, which should always be purchased brandnew.
- 110-240V - 50-60Hz

Art. no.

63418

UP

1



JBL ProFlora pH-probe

Sturdy, laboratory-quality gel electrode.

- Fits most pH measurement and control devices.
- Required for JBL pH-Control (not included with the product).
- With BNC plug to fit many systems.
- Approx. 1 year service life.

Art. no.

63414

UP

1



JBL ProFlora Cal

Calibration, care and cleaning set for pH electrodes

- Contains all liquids required to calibrate pH electrodes.
- Contains pH 7 and pH 4 calibration solutions (50 ml each).
- Contains 50 ml distilled water for rinsing as well as 50 ml storage / cleaning solution (KCl).
- With 3 cuvettes for use when calibrating and cleaning.

Art. no.

60360

UP

3



JBL ProFlora Buffer pH 4,0

For calibrating pH electrodes. pH 4,0

- Needed to calibrate pH electrodes.
- Suitable for all types of pH electrodes.

Art. no.

25901

Content

50 ml

UP

1



JBL ProFlora Buffer pH 7,0

pH electrode calibration liquid with pH 7.0

- Needed to calibrate pH electrodes.
- Suitable for all types of pH electrodes.

Art. no.

25900

Content

50 ml

UP

1



JBL Dest

Distilled water for cleaning electrodes

- Should be used after each calibration, before the electrode is dipped in another buffer solution or before it is returned to the aquarium.
- Also suitable for water tests and other purposes.

Art. no.

25903

Content

50 ml

UP

1



JBL ProFlora Storage solution

Formulated for permanent or temporary storage of pH electrodes.

- Designed for permanent or temporary storage of pH electrodes. Contains 3 mol. KCl solution (potassium chloride).
- Can be immediately used undiluted.
- Replaces split solution in the protective caps (storage caps) of pH electrodes.
- Revitalizes electrodes.

Art. no.

25902

Content

50 ml

UP

1



Aquarium Keeping Fresh Water



JBL ProFlora v002
Solenoid valve for CO₂ with 12 V safety voltage

- The CO₂ supply can be interrupted at night with a time-switch (not included) or the CO₂ supply can be controlled via a pH control device (not included).
- Can be simply integrated in the CO₂ input hose or connected directly to the pressure reducer using a connection piece.
- No generation of heat or noise due to 12 V transformer.

Art. no.

63413

UP

1



JBL ProFlora m001
Pressure reducer for disposable CO₂ cylinders

- Precision pressure reducer, regulates cylinder pressure from 60 to 1.5 bar. The correct bubble count (amount of CO₂) is then adjusted on the fine needle valve.
- Preset working pressure (1.5 bar) means no need for complicated re-adjusting (adjustment possible, if required).
- 2 pressure gauges display working pressure and cylinder pressure. Can be converted to disposable cylinder system using adapter.

Art. no.

63332

UP

1



JBL ProFlora m001 duo
A pressure reducer for the operation of two CO₂ units

- This enables you to supply two separate tanks with CO₂ using only one CO₂ cylinder. Two separate outflows with precision valves for the setting of the desired CO₂ quantity in two separate aquariums.
- Simply unscrew the union nut at the back to use with disposable bottles (JBL ProFlora u system)

Art. no.

63337

UP

1



JBL Holder - CO₂ Cylinder
Provides a firm base for the JBL 500 g CO₂ gas bottle.

- For all bottles with a diameter of 60 mm.
- Easy to install without drilling.
- The CO₂ cylinders MUST always be operated in an upright position, as the CO₂ liquefies under pressure, so that liquid CO₂ would be released from a bottle in a horizontal position.

Art. no.

63176

UP

1



JBL T3 -CO₂ Hose
Special hose for CO₂-units.

- The diffusion behaviour of CO₂ is different from air.
- Therefore, air tubing is not suited for CO₂ systems.
- 3 m black, special CO₂ resistant tubing.
- Diameter: 4/6 mm.
- Suitable for all common CO₂ systems.

Art. no.

63462

Diameter

4/6 mm

Length

3 m

UP

3



JBL ProFlora SafeStop
Check valve for CO₂

- Protects devices such as CO₂ systems, pH controls and solenoid valves from backflow of aquarium water.
- For 4/6mm diameter CO₂ hoses.

Art. no.

64515

UP

3



JBL CO₂/pH Permanent Test Set
Permanent direct measurement of CO₂ and pH

- A special indicator instead of aquarium water permits direct measurement of the CO₂ level in mg/l.
- 20 – 25 mg/l CO₂ is ideal.
- Replace the indicator only every 3-4 weeks = lasts a total of 9-12 months.
- Indicates the pH value (6.4 – 7.8) in addition to the CO₂ level.

Art. no.

25392

25393

Content For

9-12 mon

Reagent

UP

3

1



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

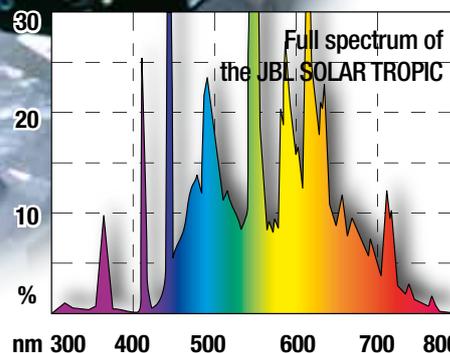
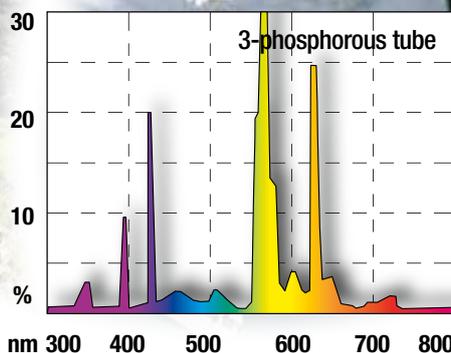
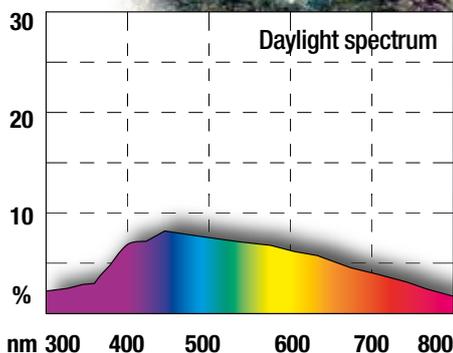
However, regular fluorescent tubes only deliver a limited spectrum, giving a very „patchy“ picture compared to nature.

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?



Aquarium Keeping - Fresh Water



„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

**VORSPRUNG DURCH
FORSCHUNG**
AHEAD THROUGH RESEARCH



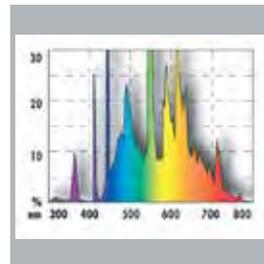


JBL SOLAR TROPIC T8

Sunlight full-spectrum tube for aquarium plant

- Colour of light and spectral distribution ideally suit the needs of aquarium plant.
- Inhibits growth of algae through full spectrum equivalent to sunlight.
- Fully natural colours through 1 A colour rendering index (very good).
- Colour temperature: 4000 K.
- CRI 90 +

Art. no.	Performance	Length	UP
61610	15 W	438 mm	4
61611	18 W	590 mm	4
61612	25 W	742 mm	4
61613	30 W	895 mm	4
61614	36 W	1200 mm	4
61615	38 W	1047 mm	4
61616	58 W	1500 mm	4

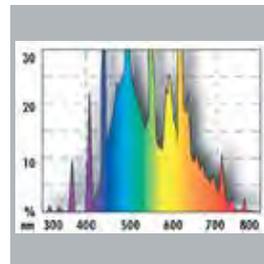


JBL SOLAR NATUR T8

Daylight full-spectrum tube for freshwater aquariums

- For fish and plants from sun-drenched waters, such as Lake Malawi and Lake Tangayika.
- Inhibits growth of algae through full spectrum equivalent to sunlight.
- Fully natural colours through 1 A colour rendering index (very good).
- Colour temperature 9000 K. CRI 90 +

Art. no.	Performance	Length	UP
61630	15 W	438 mm	4
61631	18 W	590 mm	4
61632	25 W	742 mm	4
61633	30 W	895 mm	4
61634	36 W	1200 mm	4
61635	38 W	1047 mm	4
61636	58 W	1500 mm	4

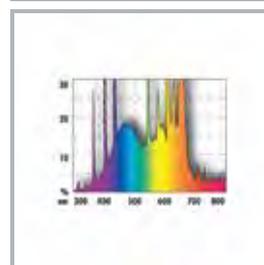


JBL SOLAR COLOR T8

Fluorescent tube for intensive colours in freshwater aquariums

- Enhanced red and blue colour tones.
- Increased red and blue sector of spectrum.
- Increases photobiological processes in plants by stimulating chlorophyll synthesis.

Art. no.	Performance	Length	UP
61620	15 W	438 mm	4
61621	18 W	590 mm	4
61622	25 W	742 mm	4
61623	30 W	895 mm	4
61624	36 W	1200 mm	4
61625	38 W	1047 mm	4
61626	58 W	1500 mm	4

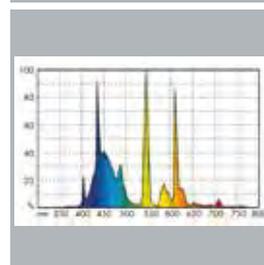


JBL SOLAR MARIN DAY T8

Daylight tube for marine tanks

- Cold-white spectrum with 15,000 K colour temperature, specially suited as lighting for marine aquariums.
- Particularly well suited for tanks with corals and other invertebrates.
- High light efficiency with good colour rendering properties.
- Colour temperature 15,000 K.
- CRI 88, 2000 lumens.

Art. no.	Performance	Length	UP
61600	15 W	438 mm	4
61601	18 W	590 mm	4
61602	25 W	742 mm	4
61603	30 W	895 mm	4
61604	36 W	1200 mm	4
61605	38 W	1047 mm	4
61606	58 W	1500 mm	4

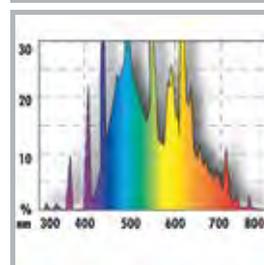


JBL SOLAR REPTIL JUNGLE

Special terrarium fluorescent tube for rainforest reptiles

- For all terrarium animals which are only exposed to low UV radiation due to their way of life (e.g. rain forest/twilight).
- Low UV-B proportion of 0.5 %.
- Low UV-A proportion of 2.0 %.
- Life span at least 1 year.
- Spectrum reproduces the range of light which rainforest dwellers have in their natural environment.

Art. no.	Performance	Length	UP
61590	15 W	438 mm	4
61591	18 W	590 mm	4
61592	25 W	742 mm	4
61593	30 W	895 mm	4
61594	36 W	1200 mm	4
61595	38 W	1047 mm	4

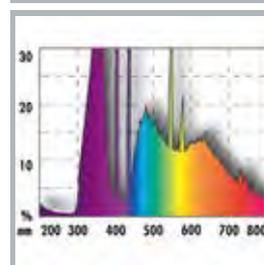


JBL SOLAR REPTIL SUN

Special terrarium fluorescent tubes for desert animals

- High UV-B concentration (8 %) to meet the needs of dwellers and other animal species which receive full sunlight in their natural habitat.
- UV-A concentration 36 %.
- Min. 1 year life.
- Spectrum reproduces the range of light which animals naturally have in a habitat exposed to a lot of direct sunlight.

Art. no.	Performance	Length	UP
61650	15 W	438 mm	4
61651	18 W	590 mm	4
61652	25 W	742 mm	4
61653	30 W	895 mm	4
61654	36 W	1200 mm	4
61655	38 W	1047 mm	4



Preview JBL Expedition Venezuela 2016



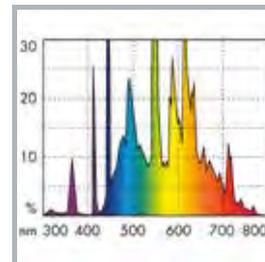


JBL SOLAR TROPIC ULTRA standard lengths

Sunlight full-spectrum tube for aquarium plant

- Colour of light and spectral distribution ideally suit the needs of aquarium plants.
- Inhibits growth of algae through full spectrum equivalent to sunlight.
- Fully natural colours through 1 A colour rendering index (very good).
- Colour temperature 4000 K. CRI 90 +

Art. no.	Performance	Length	UP
61681	24 W	550 mm	4
61682	39 W	850 mm	4
61683	54 W	1150 mm	4
61684	80 W	1450 mm	4



JBL SOLAR TROPIC ULTRA special lengths

Sunlight full-spectrum tube for aquarium plant

- Spectrum and properties such as JBL SOLAR TROPIC ULTRA standard length.

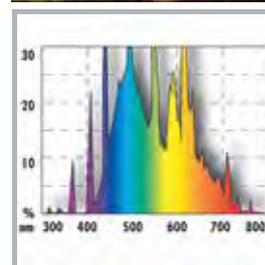
Art. no.	Performance	Length	UP
61761	24 W	438 mm	4
61762	28 W	590 mm	4
61763	35 W	742 mm	4
61764	45 W	895 mm	4
61765	54 W	1047 mm	4
61766	54 W	1200 mm	4



JBL SOLAR NATUR ULTRA Daylight full-spectrum tube for freshwater (standard lengths)

- Exceptionally bright tube for all types of aquariums.
- Very well suited for Lake Malawi and Lake Tangayika aquariums. Inhibits growth of algae through full spectrum equivalent to sunlight.
- Fully natural colours through 1 A colour rendering index (very good).
- Colour temperature 9000 K. CRI 90 +

Art. no.	Performance	Length	UP
61671	24 W	550 mm	4
61672	39 W	850 mm	4
61673	54 W	1150 mm	4
61674	80 W	1450 mm	4



JBL SOLAR NATUR ULTRA Daylight full-spectrum tube for freshwater aquariums (special lengths)

- Spectrum and properties such as JBL SOLAR NATUR ULTRA standard length.

Art. no.	Performance	Length	UP
61751	24 W	438 mm	4
61752	28 W	590 mm	4
61753	35 W	742 mm	4
61754	45 W	895 mm	4
61755	54 W	1047 mm	4
61756	54 W	1200 mm	4



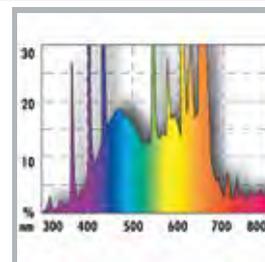
Preview JBL Expedition Venezuela 2016



JBL SOLAR ULTRA COLOR Fluorescent tube for intensive colours in freshwater aquariums (standard lengths)

- Enhanced red and blue colour tones.
- Increased red and blue sector of spectrum.
- Increases photobiological processes in plants by stimulating chlorophyll synthesis.

Art. no.	Performance	Length	VE
61792	24 W	550 mm	4
61795	39 W	850 mm	4
61798	54 W	1150 mm	4
61800	80 W	1450 mm	4



JBL SOLAR COLOR ULTRA Fluorescent tube for intensive colours in freshwater aquariums (special lengths)

- Spectrum and properties such as JBL SOLAR COLOR ULTRA standard length.

Art. no.	Performance	Length	VE
61791	24 W	438 mm	4
61793	28 W	590 mm	4
61794	35 W	742 mm	4
61796	45 W	895 mm	4
61797	54 W	1047 mm	4
61799	54 W	1200 mm	4



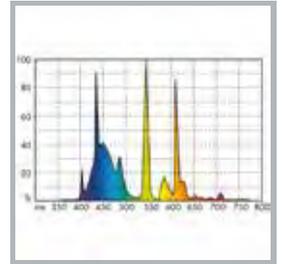


JBL SOLAR MARIN DAY ULTRA standard lengths

T5 daylight tube for marine tanks

- Cold-white spectrum featuring a colour temperature of 15,000 K.
- Particularly suited for reef aquariums with corals and other invertebrates.
- High light efficiency with very colour rendering characteristics.
- Colour temperature 15.000 K.
- CRI 90 +

Art. no.	Performance	Length	UP
61691	24 W	550 mm	4
61692	39 W	850 mm	4
61693	54 W	1150 mm	4
61694	80 W	1450 mm	4



JBL SOLAR MARINE DAY ULTRA special lengths

T5 daylight tube for marine tanks

- Spectrum and properties such as JBL SOLAR MARINE DAY ULTRA standard length.

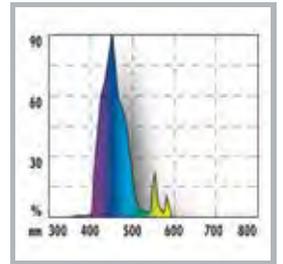
Art. no.	Performance	Length	UP
61771	24 W	438 mm	4
61772	28 W	590 mm	4
61773	35 W	742 mm	4
61774	45 W	895 mm	4
61775	54 W	1047 mm	4
61776	54 W	1200 mm	4



JBL SOLAR OCEAN BLUE ULTRA Blue actinic T5 special fluorescent tube (standard lengths)

- Facilitates coral growth by enhancing the blue range in the spectrum (so-called actinic radiation) preferred by zooxanthellae.
- Displays and facilitates the beautiful fluorescence effects in corals.
- In combination with JBL SOLAR MARIN DAY this is the perfect illumination for salt water aquariums.
- Long life and reliable functioning.

Art. no.	Performance	Length	UP
61881	24 W	550 mm	4
61884	39 W	850 mm	4
61887	54 W	1150 mm	4
61889	80 W	1450 mm	4



JBL SOLAR OCEAN BLUE ULTRA Blue actinic T5 special fluorescent tube (special lengths)

- Spectrum and properties such as JBL SOLAR OCEAN BLUE ULTRA standard length.

Art. no.	Performance	Length	UP
61880	24 W	438 mm	4
61882	28 W	590 mm	4
61883	35 W	742 mm	4
61885	45 W	895 mm	4
61886	54 W	1047 mm	4
61888	54 W	1200 mm	4

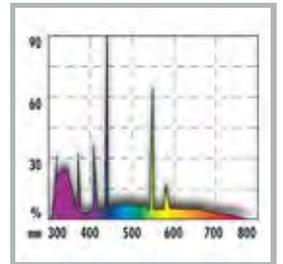


JBL SOLAR REPTIL SUN ULTRA standard lengths

T5 fluorescent tube for desert animals

- High share of UVB (12 %) to meet the specific needs of desert animals and other species that receive full sunlight in their natural habitat.
- UVA share of 63 % with a life expectancy of at least one year. Sunlight equivalent full spectrum with a high UVA and B share.

Art. no.	Performance	Length	UP
61597	24 W	550 mm	4
61598	39 W	850 mm	4
61599	54 W	1150 mm	4





JBL SOLAR Reflect T5 + T8 standard lengths

M-reflector for fluorescent tubes

- New M-shape increases light output as the central tube does not reflect light onto itself.
- With pre-mounted plastic clips and corner protectors.
- Lux meter displays double light yield (lux) with reflector!
- Corrosion-resistant, robust high-gloss aluminium.

Art. no.	T8/T5	Length	UP
61737	24W	550 mm	1
61738	39W	850 mm	1
61734	36W 54W	1200 mm	1
61736	58W	1500 mm	1



JBL SOLAR Reflect T5 + T8 special lengths

M-reflector for fluorescent tubes

- Properties such as JBL SOLAR Reflect standard length.

Art. no.	T8/T5	Length	UP
61730	15W 24W	438 mm	1
61731	18W 28W	590 mm	1
61732	25W 35W	742 mm	1
61733	30W 45W	895 mm	1
61735	38W 54W	1047 mm	1



JBL Start Solar

Starter for fluorescent tubes (T8) (2 pcs.).

- Not suitable for fluorescent tubes switched in tandem.
- (e.g. 2 x 15 W; 2 x 18 W)

Art. no.	For	UP
61701	T-8	1



JBL Clip Set - SOLAR REFLECT

Clips for JBL Reflect (reflectors)

- Child's play to fit.
- Simply clip in and slide to the side - finished.
- For T5 tubes (16 mm diameter).
- For T8 tubes (26 mm diameter).
- Solid-coloured plastic for UV resistance.

Art. no.	For	UP
61707	T-5	1
61708	T-8	1



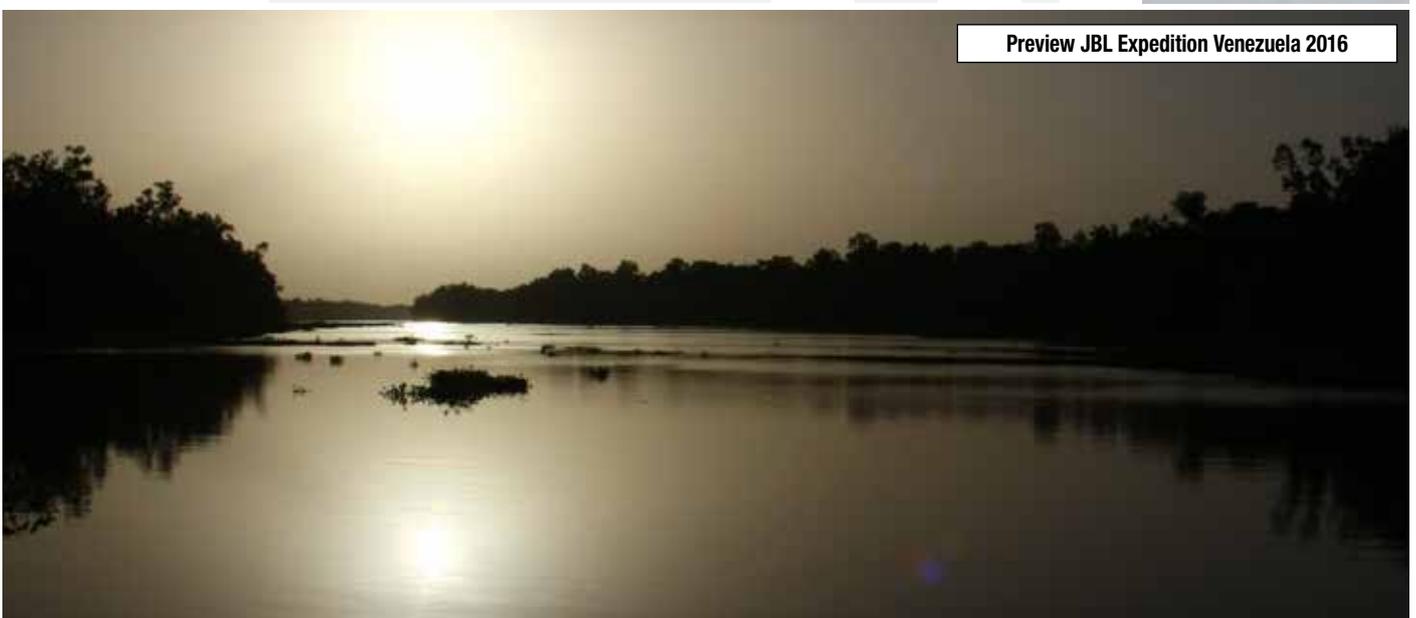
JBL Clips T5/T8 (metal)

- 2 clips per pack.
- Galvanized steel ensures longer life than plastic.
- Includes screws and nuts.
- 9 mm wide.
- Height of 35 mm or 25 mm.

Art. no.	For	UP
61705	T-5	1
61703	T-8	1



Preview JBL Expedition Venezuela 2016





YouTube

JBL AquaCristal UV-C Series II

Water clarifier for the Aquarium (freshwater and saltwater)

- Bacteria destroying UV-C radiation of about 255 nm reliability and quick removes green (floating algae) and white (bacterial) cloudiness.
- No harmful side-effects.
- Reduces amount of germs and decreases risk of infection.
- Inlet and outlet on the same side, saving the space when installing. Channeling in casing ensures optimum water flow
- Safety factor: UV-C burner automatically switches off when unit is opened.
- Cable Length: 2m cable to ballast control. 5m from ballast control to UV-C unit.



JBL AquaCristal UV-C 5 W

Water clarifier for aquarium

Aquarium				
recommended pump performance	Cloudiness		Partial degermination	
	l	l/h	l	l/h
	200 till 400	100 till 200	20 till 100	50 till 100

Art. no.	Performance	Length	UP
60350	5 W	21 cm	1



JBL AquaCristal UV-C 9 W

Water clarifier for aquarium

Aquarium				
recommended pump performance	Cloudiness		Partial degermination	
	l	l/h	l	l/h
	300 till 600	100 till 200	100 till 150	50 till 100

Art. no.	Performance	Length	UP
60351	9 W	30,5 cm	1



JBL AquaCristal UV-C 11 W

Water clarifier for aquarium

Aquarium				
recommended pump performance	Cloudiness		Partial degermination	
	l	l/h	l	l/h
	600 till 1000	150 till 350	150 till 200	100 till 150

Art. no.	Performance	Length	UP
60352	11 W	36,5 cm	1



JBL AquaCristal UV-C 18 W

Water clarifier for aquarium

Aquarium				
recommended pump performance	Cloudiness		Partial degermination	
	l	l/h	l	l/h
	1000 till 1500	300 till 500	200 till 400	150 till 200

Art. no.	Performance	Length	UP
60353	18 W	50 cm	1



JBL AquaCristal UV-C 36 W

Water clarifier for aquarium

Aquarium				
recommended pump performance	Cloudiness		Partial degermination	
	l	l/h	l	l/h
	1500 till 3000	400 till 1000	300 till 600	200 till 400

Art. no.	Performance	Length	UP
60354	36 W	50 cm	1



JBL Replacement lamp UV-C

High quality replacement lamp for JBL AquaCristal 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



YouTube





JBL AquaCristal UV-C 72 W
UV-C water clarifier for aquarium

Aquarium				
recommended pump performance	Cloudiness		Partial degermination	
	l	l/h	l	l/h
	3000 till 6000	800 till 2000	600 till 1200	400 till 800

Art. no.	Performance	Length	UP
60370	72 W	58 cm	1



JBL AquaCristal UV-C 110 W
UV-C water clarifier for aquarium

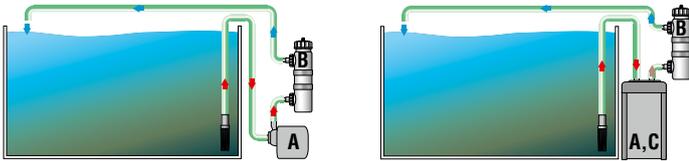
Aquarium				
recommended pump performance	Cloudiness		Partial degermination	
	l	l/h	l	l/h
	4500 till 9000	1200 till 3000	900 till 1800	600 till 1200

Art. no.	Performance	Length	UP
60371	110 W	71 cm	1



JBL AquaCristal UV-C

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

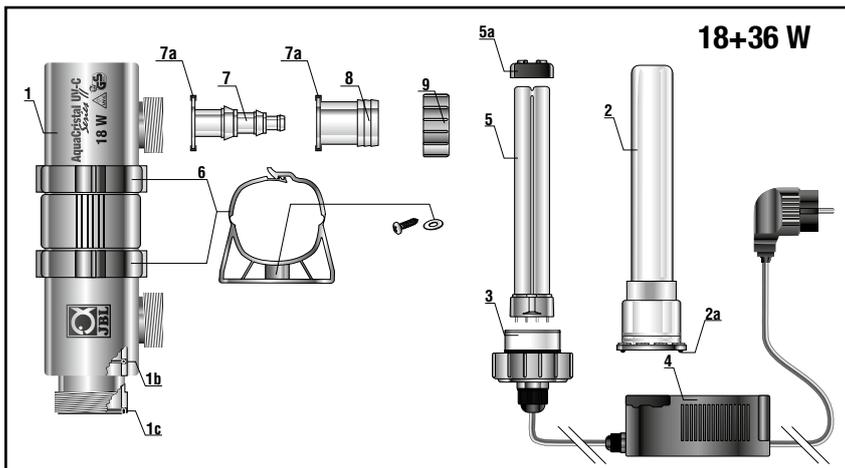
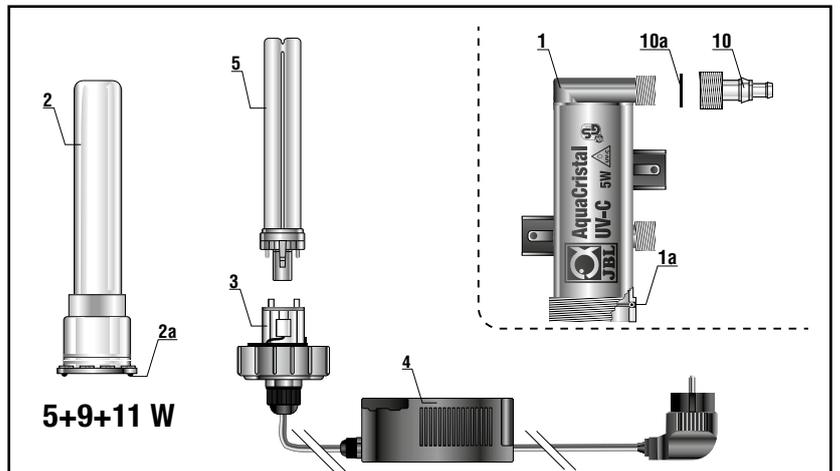
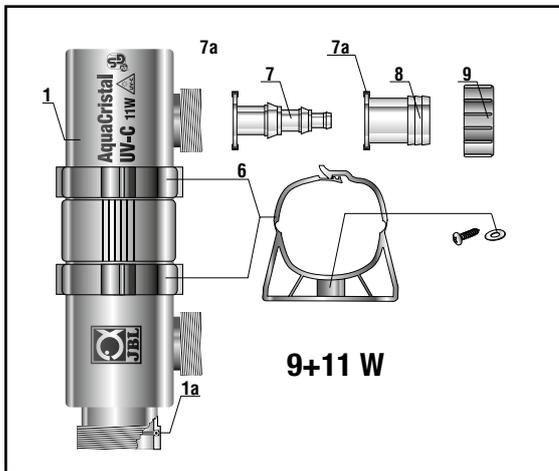


A - pump
B - JBL AquaCristal UV-C
C - filter

Spare Parts 5 W - 36 W

Spare Parts for AquaCristal UV-C 72W and 110W:

www.jbl.de/en/spare-parts-products/group/6066/uv-c-72w110w



Pos	Art. No.				
	5 W	9 W	11 W	18 W	36 W
1+2	60355 00	60356 00	60357 00	60358 00	60359 00
1 A	60327 00				
1 B	---			60335 00	
1 C	---			60336 00	
2 A	60328 00				
3	---				
4	60315 00	60316 00	60317 00	60318 00	60319 00
5	60305 00	60306 00	60307 00	60308 00	60309 00
5 A	---			60332 00	
6	---				
7	60326 00				
7 A	---				
8	Set				
9	60330 00				
10	60329 00	---			
10A	60333 00	---			



JBL Osmose 120
Reverse osmosis unit with fine filter and carbon filter

- Produces soft water.
- Ready to connect with 3/4 tap connector.
- Membrane preserved using new dry method ensuring laboratory quality osmosis water.
- High capacity of max. 136 liters (36 US gal.) in 24 hours at 24° C. 60 - 100 liter (16 - 26 US gal.)/24 hours in average operating conditions. Precision flow regulator.

Art. no. **64102** Performance 120l/24h

UP
1



JBL Osmosis Membrane
Main membrane for JBL Osmosis 120 reverse osmosis unit

- Made in US, can be stored dry for 2 years.
- High retention rate of approx. 95 %. Rate increases with higher water pressure and higher temperatures.
- Service life approx. 1 - 8 years depending on water quality.

Art. no. **64208**

UP
1



JBL Osmosis carbon filter
Prevents membrane damage from chlorine

- Absorbs chlorine, pesticides and herbicides which prolongs life of main membrane.
- Should be renewed every 5 - 12 months.

Art. no. **64111**

UP
1



JBL Osmosis Sediment-filter
Filters all particles floating in water

- Extremely important filter which significantly prolongs the life of the main membrane.
- Prevents damage to main membrane from particles in water.
- To be replaced every 5 - 12 months.

Art. no. **64112**

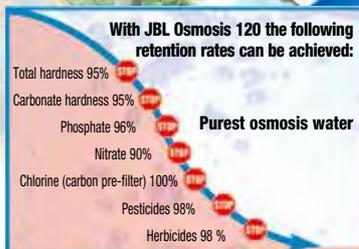
UP
1



JBL Osmose 120

For top-quality water in your aquarium

With JBL's water preparation unit, Osmose 120, you create the conditions for the perfect care of even the most sensitive aquarium inhabitants. Irrespective of the quality of the water which comes out of your tap, the JBL Osmosis 120 unit uses reverse osmosis to produce laboratory quality water. In addition to hardness, practically all the substances which damage the quality of the water or promote the growth of algae are removed from the tap water.



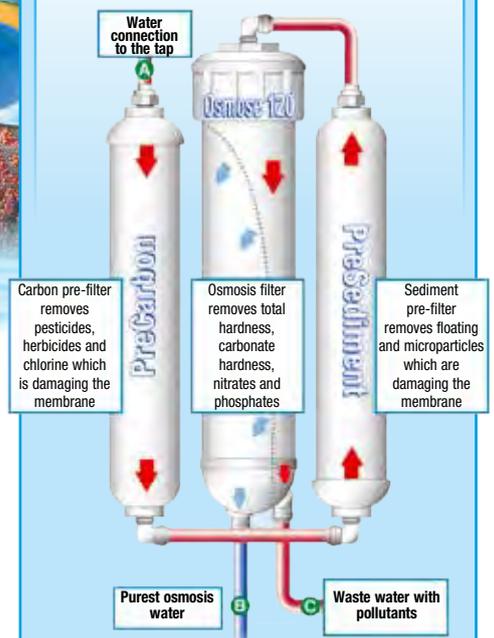
Suitable for use with freshwater and saltwater.

JBL Aquadur
Precise doses of this table salt-free osmosis salt add the ideal amount of minerals to the osmosis water.



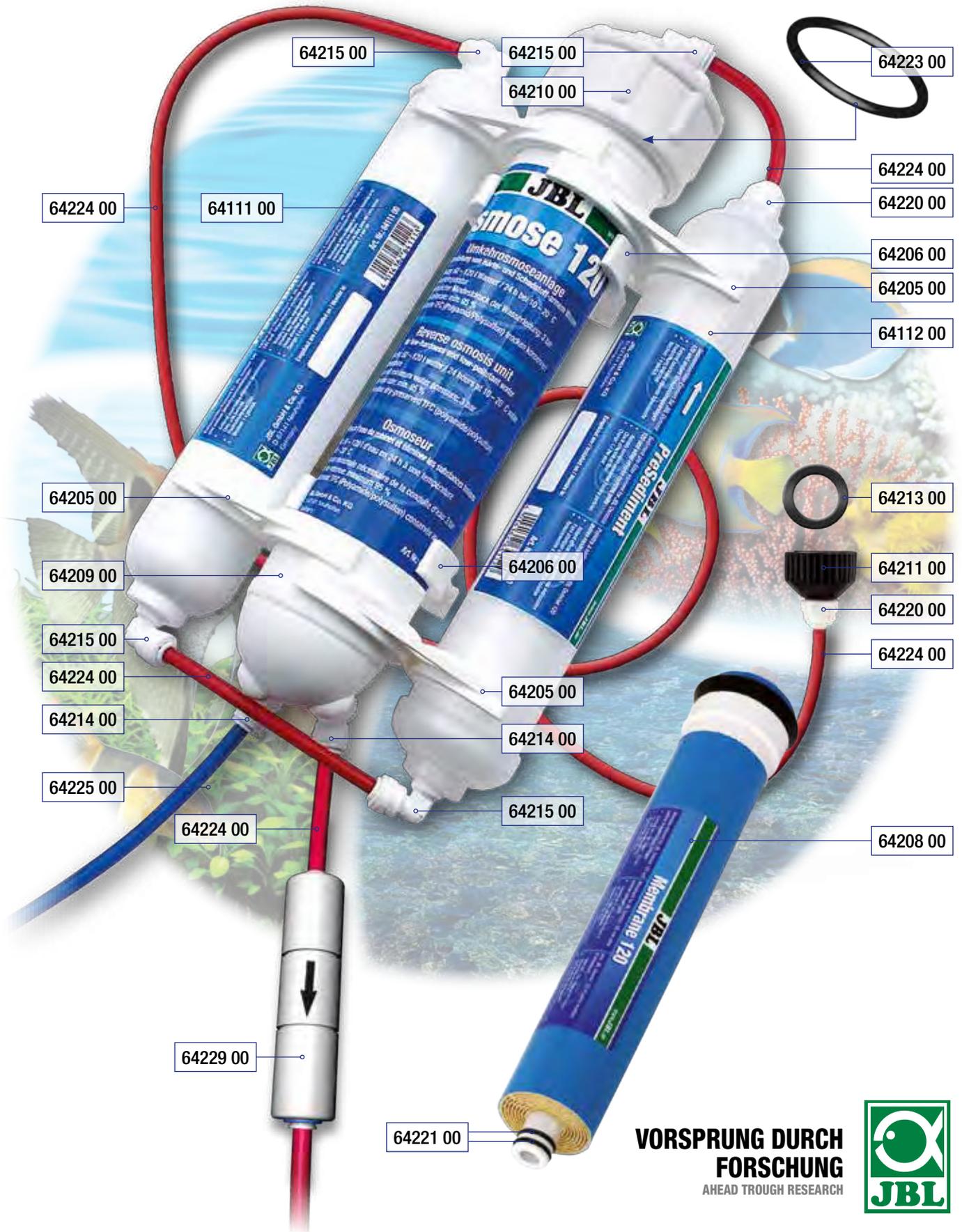
Simple to use! Here's how:

1. Connect hose **A** to the tap.
2. Slowly turn on the water. The water pressure of the tap (3-6 bar) is sufficient to operate the unit.
3. Hose **B** now supplies the purest osmosis water.
4. Polluted water flows out of hose **C**.



JBL Osmose 120

Spare Parts



Aquarium Keeping Fresh Water

**VORSPRUNG DURCH
FORSCHUNG**
AHEAD THROUGH RESEARCH





JBL ProTemp S 25
25 W safety heater-stat with protective basket

- Plastic guard protects fish such as suckermouth catfish from direct heat. Comes with dry run protection (turns off automatically if the water level drops or the heater is removed from the water).
- Fully submersible and very robust 2 mm safety glass.
- Direct temperature selection in °C.

Art. no.	Length	Range	UP
60421	21 cm	10 - 50 l	2



JBL ProTemp S 50
50 W safety heater-stat with protective basket

- Plastic guard protects fish such as suckermouth catfish from direct heat.
- Comes with dry run protection (turns off automatically when the water level drops or the heater is removed from the water)
- Fully submersible and very robust 2 mm safety glass.
- Direct temperature selection in °C.

Art. no.	Length	Range	UP
60422	21 cm	30 - 80 l	2



JBL ProTemp S 100
100 W safety heater-stat with protective basket

- Plastic guard protects fish such as suckermouth catfish from direct heat.
- Comes with dry run protection (turns off automatically if the water level drops or the heater is removed from the water)
- Fully submersible and very robust 2 mm safety glass.
- Direct temperature selection in °C.

Art. no.	Length	Range	UP
60423	27,5 cm	50-160 l	2



JBL ProTemp S 150
150 W safety heater-stat with protective basket

- Plastic guard protects fish such as suckermouth catfish from direct heat.
- Comes with dry run protection (turns off automatically if the water level drops or the heater is removed from the water)
- Fully submersible and very robust 2 mm safety glass.
- Direct temperature selection in °C.

Art. no.	Length	Range	UP
60424	27,5 cm	90-200 l	2



JBL ProTemp S 200
200 W safety heater-stat with protective basket

- Plastic guard protects fish such as suckermouth catfish from direct heat.
- Comes with dry run protection (turns off automatically if the water level drops or the heater is removed from the water)
- Fully submersible and very robust 2 mm safety glass.
- Direct temperature selection in °C.

Art. no.	Length	Range	UP
60425	37,5 cm	100-300 l	2



JBL ProTemp S 300
300 W safety heater-stat with protective basket

- Plastic guard protects fish such as suckermouth catfish from direct heat. Comes with dry run protection (turns off automatically if the water level drops or the heater is removed from the water)
- Fully submersible and very robust 2 mm safety glass.
- Direct temperature selection in °C.

Art. no.	Length	Range	UP
60426	37,5 cm	160-400 l	2



JBL Suction pad 23-28 mm
Rubber suction pad with clips for objects of 23 - 28 mm diameter

- 2 complete suction pads with clips per package.
- Suction pads made of black rubber with extremely robust black clips.
- Clip and suction pads can be separated.
- Suitable e.g. for many heating rods.

Art. no.	For Ø	UP
60408	23-28 mm	1



Technic > Heating / Cooling > ProTemp Heater



JBL ProTemp b10
Undergravel heating cable for 60 - 80 cm aquariums

- Facilitates root formation and aquatic plant growth.
- Creates a near-natural flow through the bottom covering. As a result, zones of putrefication are prevented. Rotproof silicone material.
- Safety is assured due to the 12V low-voltage technology.
- Includes electric high-quality transformer and 20 suction cups for attaching the cable.

Art. no.	Performance	For	UP
60415	10 W	50-120 l	1



JBL ProTemp b20
Undergravel heating cable for 80 - 100 cm tanks

- Facilitates root formation and aquatic plant growth.
- Creates a near-natural flow through the bottom covering. As a result, zones of putrefication are prevented.
- Safety is assured due to the 12V low-voltage technology.
- Includes electric high-quality transformer and 30 suction cups for attaching the cable. Rotproof silicone material.
- Heating element 4.9 m in length (heated cable) + 2 x 2.0 m PTC thermistor (unheated cable).

Art. no.	Performance	For	UP
60416	20 W	100-250 l	1



JBL ProTemp b40
Undergravel heating cable for 100 - 150 cm tanks

- Facilitates root formation and aquatic plant growth.
- Creates a near-natural flow through the undergravel. As a result, zones of putrefication are prevented. Rotproof silicone material.
- Safety is assured due to the 12V low-voltage technology.
- Includes electric high-quality transformer and 30 suction cups for attaching the cable.
- Heating element 7.0 m in length (heated cable) + 2 x 2.2 m PTC thermistor (unheated cable).

Art. no.	Performance	For	UP
60417	40 W	200-400 l	1



JBL ProTemp b60
Undergravel heating cable for aquariums > 150 cm

- Facilitates root formation and aquatic plant growth.
- Creates a near-natural flow through the undergravel. As a result, zones of putrefication are prevented. Rotproof silicone material.
- Safety is assured due to the 12V low-voltage technology.
- Includes electric high-quality transformer and 40 suction cups for attaching the cable.

Art. no.	Performance	For	UP
60418	60 W	300-600 l	1



Aquarium Keeping Fresh Water

Technic > Heating / Cooling > Aquarium cooling



YouTube

JBL Cooler
Cooling fan for aquariums

- Indispensable if the outer temperature is high.
- Cools aquariums by 2 to 4 °C as a result of the evaporation cooling process.
- Can be mounted very easily to any aquarium wall(max. 25 mm thickness).
- Has 12V low voltage and universal energy supply for all types of voltage systems.
- Available in three sizes with 2 (17 cm), 4 (30.5 cm) or 6 (44 cm) fans.

Art. no.	Performance	Performance	UP
60440	5,5 W	60-100 l	1
60441	11,2 W	100-200 l	1
60442	15,3 W	200-300 l	1



JBL CoolControl
Thermometer for Cooling Fan

- Regulates the cooling fan between 1 and 50 W (e.g., JBL Cooler, all sizes).
- Measures the temperature with its own temperature sensor.
- Connected via a DC 5/2 mm connector with the cooling fan.
- Temperature selector ranging between 18 and 36 °C. Switch for automatic, manual or off.
- Includes functional diode controller.

Art. no.	UP
60445	1



YouTube





JBL ProSilent a50
Air pump for aquariums of 10 - 50 l

- Whisper quiet (< 38 dB(A)) due to special housing feet, soundproofing and weight.
- 50 l/h air output with > 160 mbar air pressure with only 2.3 W power consumption.
- 1 diaphragm and 1 air outlet.
- Ready for connection with a 2 m tube, check valve and a bubble stone.

Art. no.	Performance	Watt	UP
60540	50 l/h	2,3 W	2



JBL ProSilent a100
Air pump for aquariums of 40 - 150 l

- Whisper quiet (< 37 dB(A)) due to special housing feet, soundproofing and weight. 4 years warranty.
- 100 l/h air output with > 160 mbar air pressure with only 2.9 W power consumption.
- 1 diaphragm and 1 adjustable air outlet.
- Ready for connection with a 2 m tube, check valve and a bubble stone.

Art. no.	Performance	Watt	UP
60541	100 l/h	2,9 W	2



JBL ProSilent a200
Air pump for aquariums of 50 - 300 l

- Whisper quiet (< 37 dB(A)) due to special housing feet, soundproofing and weight. 4 years warranty.
- 200 l/h air output with > 160 mbar air pressure with only 3.5 W power consumption.
- 1 diaphragm and 1 air outlet.
- Ready for connection with a 2 m tube, check valve and a bubble stone.

Art. no.	Performance	Watt	UP
60542	200 l/h	3,5 W	2



YouTube



JBL ProSilent a300
Air pump for aquariums of 100 - 400 l

- Whisper quiet (< 38.5 dB(A)) due to special housing feet, soundproofing and weight. 4 years warranty.
- 300 l/h air output with > 160 mbar air pressure with only 3.9 W power consumption.
- 2 diaphragms and 2 separately adjustable air outlets.
- Ready for connection with 2 x 2 m tube, 2 check valves and 2 bubble stones.

Art. no.	Performance	Watt	UP
60543	300 l/h	3,9 W	1



JBL ProSilent a400
Air pump for aquariums of 200 - 600 l

- Whisper quiet (< 39.5 dB(A)) due to special housing feet, soundproofing and weight. 4 years warranty.
- 400 l/h air output with > 180 mbar air pressure with only 5.5 W power consumption.
- 2 diaphragms and 2 separately adjustable air outlets.
- Ready for connection with 2 x 2 m tube, 2 check valves and 2 bubble stones.

Art. no.	Performance	Watt	UP
60544	400 l/h	5,5 W	1



YouTube

Preview JBL Expedition Venezuela 2016





JBL Check valve for air

Prevents backflow of water

- Protects items such as diaphragm pumps from backflow of aquarium water.
- For 4/6mm diameter air hoses.

Art. no.

64516

UP

1



JBL ProSilent Safe

Prevents backflow of water

- Protects items such as diaphragm pumps from backflow of aquarium water.
- For 4/6mm dia. air hoses.
- TÜV tested = safety guaranteed!

Art. no.

64318

For Ø

4/6 mm

UP

6



JBL ProSilent Control

Adjustable precision air shut-off valve

- 1 inlet, 2 air outlets with precise individual adjustment.
- Every hose connection is threaded and self-locking.
- Option of connecting this double valve with an additional double valve.
- Optional wall mount.
- The shut-off valves are not ideally suited for CO₂.

Art. no.

64316

For Ø

4/6 mm

UP

6



YouTube



JBL ProSilent Tube

2.5 m quality silicone hose

- High-end air hose of 4/6 mm.
- Extremely durable – does not harden.
- Semi-transparent silicone material.

Art. no.

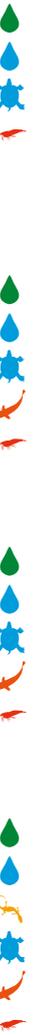
64317

Diameter

4/6 mm

UP

6



Preview JBL Expedition Venezuela 2016

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



JBL CristalProfi e401 greenline
Energy-saving external filter for aquariums with 40 - 120 litres (40 - 80 cm)

- Only 4 W energy consumption means enormous energy savings.
- 450 l/h pump performance and an extremely quiet run.
- 4.6 l filter volume for a high biological filter performance and little cleaning requirements.
- 4 years guarantee. Dimensions: 180 x 210 x 284 mm.
- Ready for connection incl. 12/16 hoses, tubes, suction cage, brackets plus suction holders and filter pulp.

Art. no.	Performance	Watt	UP
60200	450 l/h	4 W	1



JBL CristalProfi e701 greenline
Energy-saving external filter for aquariums of 60 - 200 litres (60-100cm)

- Only 9 W power consumption means 31 % energy savings.
- Extremely quiet pump with 700 l/h output.
- 6.1 l filter volume for high biological output and little cleaning.
- 4 years warranty. Size: 180 x 210 x 350 mm.
- Fully ready for connection incl. 12/16 hoses, tubes, suction basket, brackets, plus suction holders and filter masses.

Art. no.	Performance	Watt	UP
60210	700 l/h	9 W	1



JBL CristalProfi e901 greenline
Energy-saving external filter for aquariums of 90 - 300 litres (80-120 cm)

- Only 11 W power consumption means 27 % energy savings.
- Extremely quiet pump with 900 l/h output.
- 7.6 l filter volume for high biological filter output and little cleaning.
- 4 years warranty. Size: 180 x 210 x 405 mm.
- Fully ready for connection incl. 12/16 hoses, tubes, suction basket, brackets, plus suction holders and filter masses.

Art. no.	Performance	Watt	UP
60211	900 l/h	11 W	1



JBL CristalProfi e1501 greenline
Energy-saving external filter for aquariums of 160 - 600 litres (100-150 cm)

- Only 20W power consumption = an energy saving of 43%.
- Pump capacity of 1400 l/h and extremely quiet operation.
- 12 l filter volume for high biological filter output which requires little cleaning. 4 year warranty.
- Size: 200 x 235 x 475 mm incl. hose connection.
- Fully ready for connection incl. 16/22 hoses, tubes, suction basket, brackets, plus suction holders and filter masses.

Art. no.	Performance	Watt	UP
60212	1400 l/h	20 W	1



JBL CristalProfi e1901 greenline
Energy-saving external filter for aquariums of 200 - 800 litres

- Only 36 W energy consumption means enormous energy savings.
- 1900 l/h pump performance which runs extremely quietly.
- 15 l filter volume for a high biological filter performance and little cleaning requirements.
- 4-year guarantee. Dimensions: 200 x 235 x 564 mm.
- Ready for connection incl. 19/25 hoses, tubes, suction cage, brackets plus suction holders and filter pulp.

Art. no.	Performance	Watt	UP
60222	1900 l/h	36 W	1



Preview JBL Expedition Venezuela 2016

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.

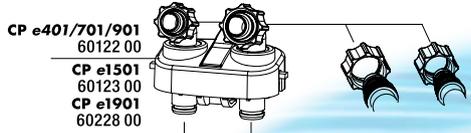
These tables will give you an overview:

JBL Filter (media)	all filters			suitable for		mechanically suspended matter		biological		chemically				adsorptively herbicides pesticides medical substances tinges
	all filters	CPe-Serie	CPI-Serie	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 Filterball				●	●	●●		●						
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 Tormecc				●										
JBL SintoMec				●	●	●		●●	●					
JBL MicroMec				●	●			●●	●●					

● highly suitable ●● very highly suitable

CristalProfi e greenline

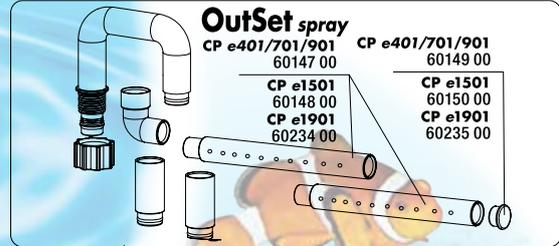
Spare Parts



CP e401/701/901
60122 00
CP e1501
60123 00
CP e1901
60228 00

CP e401/701/901
60142 00
CP e1501
60143 00
CP e1901
60229 00

CP e401/701/901
60145 00
CP e1501
60146 00
CP e1901
60230 00



OutSet spray

CP e401/701/901
60147 00

CP e1501
60148 00
CP e1901
60234 00

CP e401/701/901
60149 00

CP e1501
60150 00
CP e1901
60235 00

CP e401/701/901
60157 00

CP e1501
60158 00
CP e1901
60233 00



OutSet wide

CP e401/701/901
60155 00

CP e1501
60156 00
CP e1901
60232 00



FixSet

CP e401/701/901
60153 00

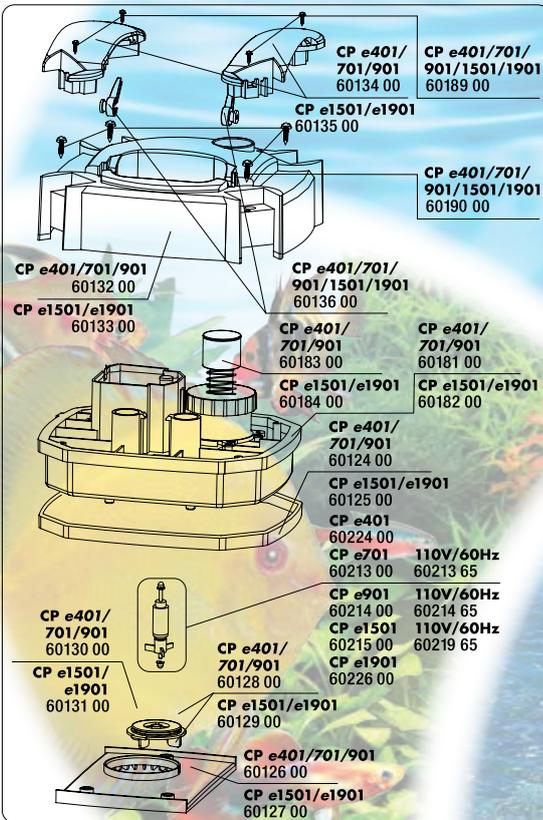
CP e1501
60154 00
CP e1901
60236 00



InSet

CP e401/701/901
60151 00

CP e1501
60152 00
CP e1901
60231 00



CP e401/701/901/1501/1901
60134 00

CP e1501/e1901
60135 00

CP e401/701/901/1501/1901
60190 00

CP e401/701/901
60132 00

CP e1501/e1901
60133 00

CP e401/701/901/1501/1901
60136 00

CP e401/701/901
60183 00

CP e1501/e1901
60184 00

CP e401/701/901
60124 00

CP e1501/e1901
60125 00

CP e401
60224 00

CP e701 110V/60Hz
60213 00

CP e901 110V/60Hz
60214 00

CP e1501 110V/60Hz
60215 00

CP e1901
60226 00

CP e401/701/901
60130 00

CP e1501/e1901
60131 00

CP e401/701/901
60128 00

CP e1501/e1901
60129 00

CP e401/701/901
60126 00

CP e1501/e1901
60127 00

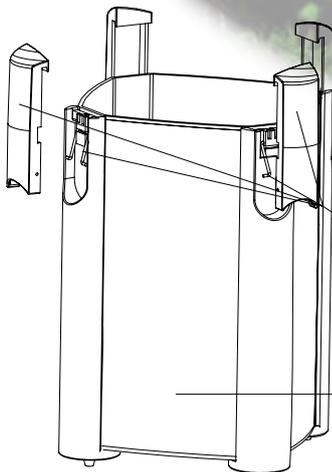
CP e401
60225 00

CP e701 110V/60Hz
60216 65

CP e901 110V/60Hz
60217 00

CP e1501 110V/60Hz
60219 00

CP e1901
60227 00



CP e401/701/901
60109 00

CP e1501/e1901
60110 00

CP e401
60237 00

CP e701
60111 00

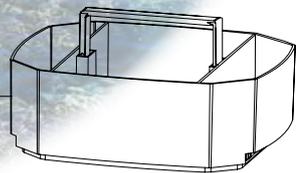
CP e901
60112 00

CP e1501
60113 00

CP e1901
60238 00

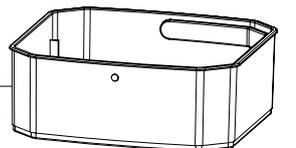
CP e401/701/901
60185 00

CP e1501/e1901
60186 00



CP e401/701/901
60118 00

CP e1501/e1901
60119 00



VORSPRUNG DURCH
FORSCHUNG
AHEAD THROUGH RESEARCH





JBL TopClean II

2nd generation of the surface skimmer for aquariums

- Optimized floating body (more buoyancy, stronger comb, new interior form) and removable adjustment spindle. Effective prevention of scum formation (white layer on water surface). Ensures a clean water surface automatically and a higher concentration of oxygen in freshwater and seawater as a result. Only needs to be connected to the suction hose of the external filter.

Art. no. **60196** For 60-600 l

UP 2



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-

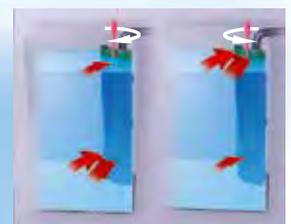


A further advantage is the floating upper section, which adapts to any variation in the level of the water (e.g. due to evaporation).

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

Siphoning set for external filter

- Contains all the parts required for an external filter on the suction side.
- Kit consists of: Telescopic suction hose with a bracket and a threaded hose connection for secure connection of the hose
- CP e700/e900 for an aquarium height of: 32.5 to 50 cm (hose 12/16 mm), inside width of the bracket: 63 mm.
- CP e1500/ for an aquarium height of: 34.5 to 54 cm (hose 16/22 mm), inside width of the bracket: 68 mm, with a filter basket.

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



JBL OutSet wide

Water return set with wide jet pipe for external filter

- Ideal water return from external filter, with wide jet hose to feed water back in to aquarium without expelling too much CO₂. Ideal for planted aquariums
- Set consists of:
- Angled pipe (square) for practical installation and threaded hose connection to safely connect hoses (inside width of angle: 59 mm).

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



JBL OutSet spray

Water return set with 2-part spray bar

- Water return from external filter which has a jet pipe with multiple settings and optional corner mounting.
- Very well suited for increasing the oxygen content. Kit consisting of:
- Angular pipe (square) for practical installation and a threaded hose connection for secure connection of the hose (inside width of angle: 59 mm).

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



JBL elbow piece

Elbow for water hoses

- 2 pcs per pack. Prevents kinking of hoses.
- With connecting piece for both elbows (e.g. for U-shape).
- Available for 2 hose diameters.

Art. no.	Content		UP
60833	2 pcs.	12/16 mm	1
60834	2 pcs.	16/22 mm	1

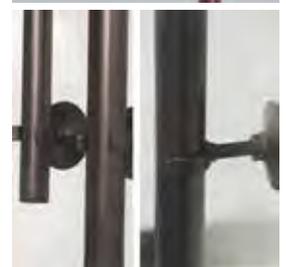


JBL FixSet

Suction pad and spacer set

- Holds pipes and hoses securely in the desired position.
- Spacer clips are the solution for aquarium brace bars on the top edge!
- Set consists of:
- 2 suction pads with clips (distance from centre pipe/glass 2 cm)
- 2 suction pads with spacer clips (distance from centre pipe/glass 3.5 cm)

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



JBL CPe impeller

Full set of spare parts for JBL CristalProfi e-range

- Kit consists of:
- Impeller
- Ceramic axis
- Ceramic bearing
- Rubber buffers

Art. no.	For CPe	UP
60106	e700	1
60107	e900	1
60108	e1500	1
60224	e401	1
60213	e701	1
60214	e901	1
60215	e1501	1
60226	e1901	1



JBL pulling aid for rotor

Practical auxiliary tools for external filters (JBL CristalProfi e)

- The drawing aid makes it possible to pull the bearing bush out at the end of the ceramic axis, which is difficult to reach otherwise. The brush enables a perfect cleaning of the tunnel in which the impeller rotates.
- Cleaning the impeller tunnel improves performance by restoring the original performance of the pump.

Art. no.	UP
60114	3





JBL ProSilent TekAir
Air-driven internal filter for aquariums up to 80 l (20 US gal.)

- Particularly suitable for rearing young fry.
- Simple to place in aquarium, no suction cups required.
- Easy to clean and dismantle.
- Air pump not included.

Art. no.

64319

UP

2



JBL CristalProfi i40
Internal filter for aquariums up to 80l/60cm

- Many people swear by this filter system, especially if they have young fish!
- Slow water current produces good biological filtration.
- Only 18 cm high, can be extended by the filter module.
- Suction cups are unnecessary due to the stable stand.
- Quiet air pump has a capacity of 80 l/h, comes with a spare membrane and a 2 m air hose.

Art. no.

60900

Watt UP

3 W 2



JBL CristalProfi i60 greenline
Internal filter for 40 to 80 litre aquariums

- Full connectivity with filter pulp.
- Energy-saving: only 4 W.
- With extra strong suction mounting and practical push buttons for loosening the suction cups. Expandable and adjustable to any size due to the construction method of the module.
- Dimensions: 8.5 x 8.5 x 15.5 cm.
- The performance of the pump has a variable capacity from 150 to 420 l/h.

Art. no.

60971

Watt UP

4 W 2



YouTube



JBL CristalProfi i80 greenline
Internal filter for 60 to 110 litre aquariums

- Full connectivity with filter pulp.
- Energy-saving: only 4 W.
- With extra strong suction mounting and practical push buttons for loosening the suction cups. Expandable and adjustable to any size due to the construction method of the module.
- Dimensions: 8.5 x 8.5 x 22.5 cm.
- The performance of the pump has a variable capacity from 150 to 420 l/h.

Art. no.

60972

Watt UP

4 W 2



YouTube



JBL CristalProfi i100 greenline
Internal filter for 90 to 160 litre aquariums

- Full connectivity with filter pulp.
- Energy-saving: only 8 W.
- With extra strong suction mounting and practical push buttons for loosening the suction cups. Expandable and adjustable to any size due to the construction method of the module.
- Dimensions: 8.5 x 8.5 x 29.5 cm.
- The performance of the pump has a variable capacity from 300 to 720 l/h.

Art. no.

60973

Watt UP

8 W 2



YouTube



JBL CristalProfi i200 greenline
Internal filter for 130 to 200 l aquariums

- Full connectivity with filter pulp.
- Energy-saving: only 8 W.
- With extra strong suction mounting and practical push buttons for loosening the suction cups. Expandable and adjustable to any size due to the construction method of the module.
- Dimensions: 8.5 x 8.5 x 36.5 cm.
- The performance of the pump has a variable capacity from 300 to 720 l/h.

Art. no.

60974

Watt UP

8 W 2



YouTube



JBL CristalProfi i greenline Filter Module

- Complete filter module for JBL CristalProfi greenline series (i60 – i200).
- Can be used for every JBL CristalProfessional greenline filter as a replacement or supplement for expansion. Expanding the filter by a module considerably increases its durability and treatment efficiency. The set contains: a filter cage module, bio filter foam 25 ppi, inner tube.

Art. no.

60984

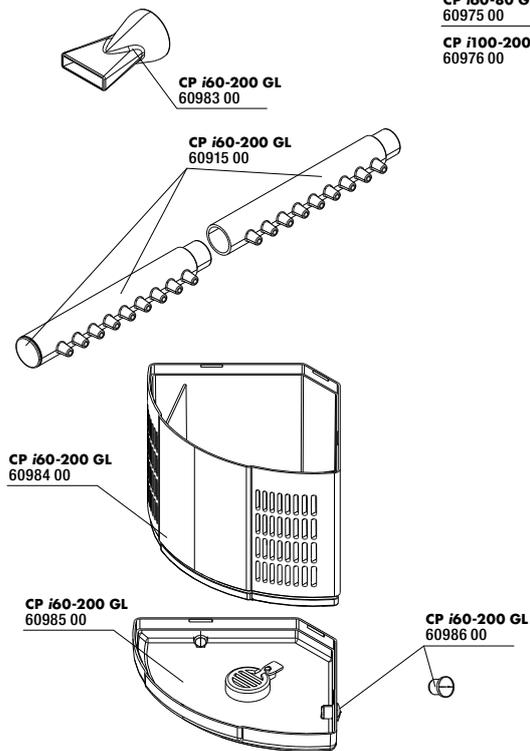
UP

1



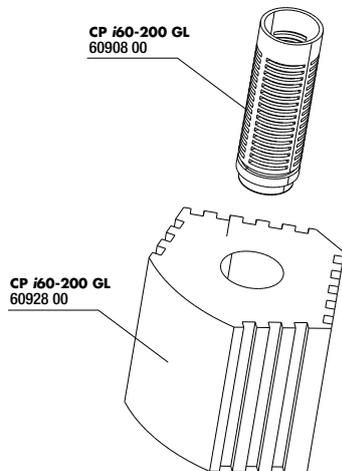
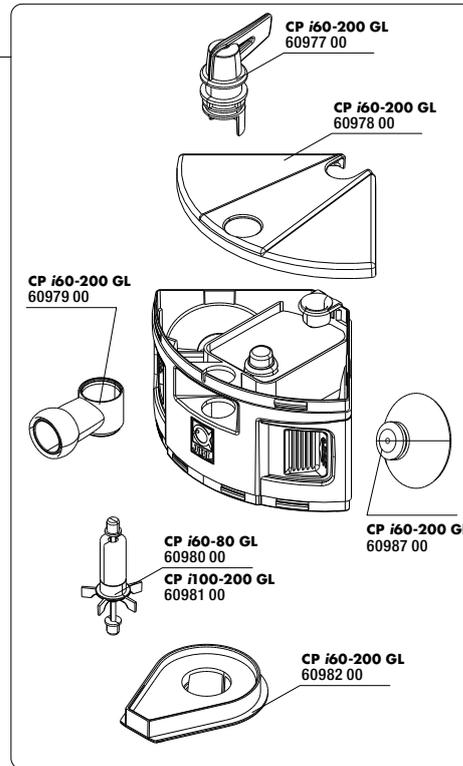
Spare Parts

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

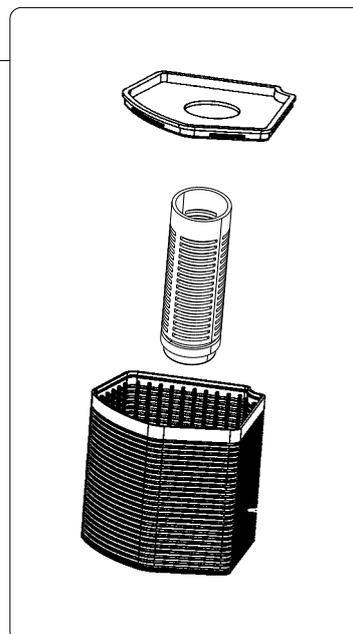


CP i60-80 GL
60975 00

CP i100-200 GL
60976 00



CP i60-200 GL
60907 00





JBL CristalProfi m greenline
Flat internal filter for small aquariums

- Only 13 cm long with a depth of 13 to 65 mm, at a height of 18 cm. Practical slide lever to loosen and to attach the suction holder. Includes a pump (200 l/h) and a wide jet water return pipe.
- Large suction surface with a sponge top prevents small fish and shrimps from being sucked in.
- With fastening clip for thermometer (included).
- Expandable with a further filter module (+12 cm height).

Art. no.	Performance	Performance	UP
60960	3,5 W	200 l/h	2



JBL CristalProfi m greenline Module
Filter module for expansion of the JBL CristalProfi m internal filter

- 12 cm high. Same shape as the CP m internal filter.
- Simply clip from outside into the extension module of the JBL CristalProfi m.
- Cover panel for sponges and the drain valve can be lifted out for cleaning so that no dirty water flows back into the aquarium.

Art. no.			UP
60966			2



JBL CristalProfi m greenline Filter-Pad
Spare sponge for the JBL CristalProfi m internal filter.

- Pore width of the black foam: 35 ppm.
- Dimensions: 14 x 12.7 cm.
- Simply press into the JBL CristalProfi m internal filter from the outside.
- Fully washable. Fine enough to prevent small fish and shrimps from being sucked in.

Art. no.			UP
60967			3

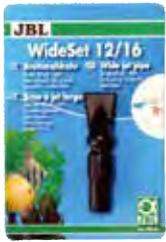


JBL CristalProfi m greenline Filter-Pad Module
Spare filter foam for JBL CristalProfi m module

- Spare filter foams to fit the extension module of the JBL CristalProfi m internal filter.
- Contains two spare filter foams.
- The spare filter foams of the extension module have smaller dimensions than the spare filter foams of the filter itself!

Art. no.			UP
60968			3





JBL WideSet 12/16 (CP i)

Water outlet set with wide jet hose for internal filter

- Suitable for JBL CP i60 - i200 and all others with 12/16 mm connection.
- Ideal water return from internal filter. Wide jet hose delivers water into the aquarium without dispelling too much CO₂.
- Ideal for planted aquariums.
- Wide jet hose can be adjusted sideways.

Art. no.

60919

UP

1



JBL SpraySet 12/16 (CP i)

Water outlet set with 2-part spray bar

- Water flows back from internal filter through spray bar which is simply plugged onto the outlet.
- Highly recommended to increase oxygen levels.
- One or both spray bars can be used depending on required spray strength.

Art. no.

60915

UP

1



JBL VenturiSet 12/16 (CPi)

Diffusor set for JBL CristalProfi i series

- Also fits all 12/16 mm hose connectors.
- Simply fit onto outlet and the diffuser draws air into the outlet water.
- Increases the oxygen content without dispelling too much CO₂.
- Adjustable air supply.
- Includes check valve.

Art. no.

60916

Diameter

12/16
Tube

UP

1



JBL CP i magnetic holder

Magnetic mounting clip holder for JBL CristalProfi i-range

- Individual magnetic clip to hold the internal filter of the JBL CristalProfi i-range in position.
- Attaches to the aquarium glass from outside.

Art. no.

60906

UP

1



JBL CristalProfi i greenline Filter Module

Complete filter module for JBL CristalProfi greenline series (i60 – i200).

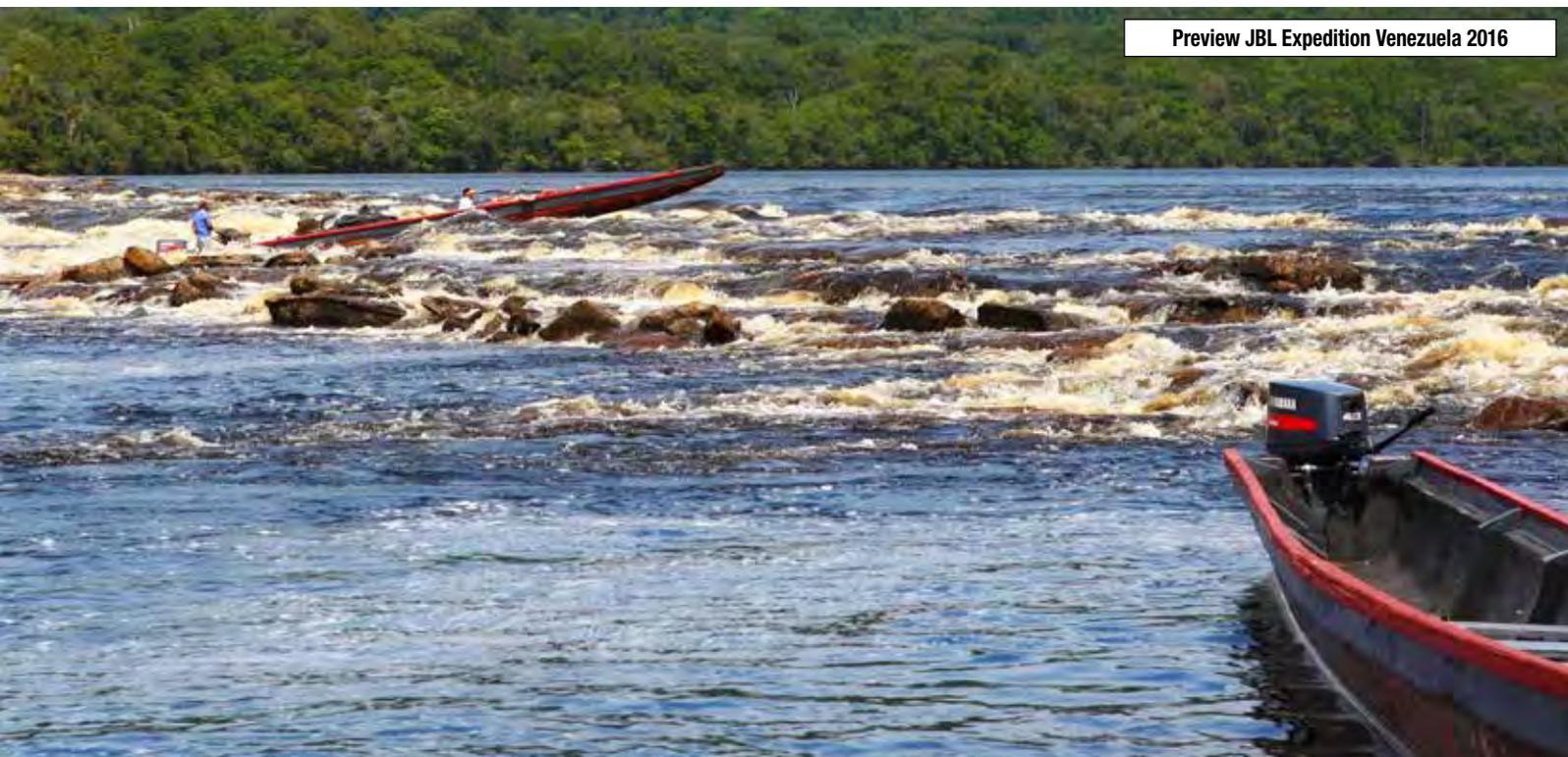
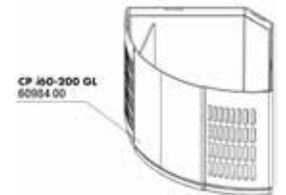
- Can be used for every JBL CristalProfessional greenline filter as a replacement or supplement for expansion. Expanding the filter by a module considerably increases its durability and treatment efficiency. The set contains: a filter cage module, bio filter foam 25 ppi, inner tube.

Art. no.

60984

UP

1





JBL ProFlow t300
Submersible pump with 80-300 l/h for pumping water in aquariums

- Can be used immersed within aquariums and water terrariums. Stainless steel pin for freshwater and saltwater.
- High performance with only 4 watt energy consumption.
- Maximal pumping head: 0.5 m.
- Hose connection outlet: 16/22.
- 3 reliable suction holders for fastening.

Art. no.	Performance	Watt	UP
60580	300 l/h	4 W	1



JBL ProFlow t500
Submersible pump with 200-500 l/h for pumping water in aquariums

- Applicable within and immersed in aquariums and water terrariums.
- Stainless steel pin. Only 5 W energy consumption.
- Maximal pumping head: 0.8 m.
- Hose connection outlet: 16/22.
- Three reliable suction holders for fastening.
- Dimensions: (L x W x H) 57 x 34.4 x 54.5 mm.

Art. no.	Performance	Watt	UP
60581	500 l/h	5 W	1



JBL ProFlow u800
Universal pump for pumping water at 900 l/h

- Applicable inside and outside of aquariums and terrariums.
- Stainless steel pin for fresh and salt water.
- High performance with only 7 W energy consumption.
- Maximal pumping head: 0.95 m.
- Hose connection inlet: 19/25, outlet 16/22.
- Four reliable suction holders for fastening.
- Dimensions: (L x W x H) 79.1 x 45.5 x 82.5 mm.

Art. no.	Performance	Watt	UP
60583	900 l/h	7 W	1



JBL ProFlow u1100
Universal pump for pumping water at 1200 l/h

- Applicable inside and outside of aquariums and terrariums.
- Stainless steel pin for fresh and salt water.
- High performance with only 12 W energy consumption.
- Maximal pumping head: 1.30 m.
- Hose connection inlet: 19/25, outlet 16/22.
- Four reliable suction holders for fastening.
- Dimensions: (L x W x H) 79.1 x 45.5 x 82.5 mm.

Art. no.	Performance	Watt	UP
60584	1200 l/h	12 W	1



JBL ProFlow u2000
Universal pump for pumping water at 2000 l/h

- Applicable inside and outside of aquariums and terrariums.
- Stainless steel pin for fresh and salt water.
- High performance with only 35 W energy consumption.
- Maximal pumping head: 2.00 m.
- Hose connection inlet: 27/35, outlet 19/25.
- Four reliable suction holders for fastening.
- Dimensions: (L x W x H) 107 x 54 x 96 mm.

Art. no.	Performance	Watt	UP
60585	2000 l/h	35 W	1



JBL ProFlow sf (u800,1100,2000)
Fast filter cartridge for JBL ProFlow u 800/1100/2000

- Converts every ProFlow u pump into a complete internal/fast filter (also suitable for other pumps).
- Mechanical and biological filtering with 35 ppi specialty foam. Large external surface (5 m²) thanks to a dedicated profile which enables long service life (flattened on one side for better positioning near the aquarium pane).

Art. no.	UP
60610	1



Preview JBL Expedition Venezuela 2016





NEW
YouTube

JBL AutoFood BLACK
Automatic Feeder for aquarium Fish

- Attractive black/transparent design.
- 125 ml contents – or 375 ml with screw-on 250 ml food container.
- Suitable for all granulates up to 3 mm.
- Guaranteed operation with batteries (3 x 1.5 V AA included).
- With air connection to keep food dry.
- Easy setting for up to 4 feeds per day.
- 3 year guarantee.

Art. no.

60615

UP

2



NEW
YouTube

JBL AutoFood WHITE
Automatic feeder for aquarium fish

- Attractive white/transparent design.
- 125 ml contents – or 375 ml with screw-on 250 ml food container.
- Suitable for all granulates up to 3 mm.
- Guaranteed operation with batteries (3 x 1.5 V AA included).
- With air connection to keep food dry.
- Easy setting for up to 4 feeds per day.
- 3 year guarantee.

Art. no.

60616

UP

2



AutoFood *Black* *White*





JBL SymecMicro
Microfibre filter floss prevents any water cloudiness
 • Filters finest types of clouding from water.
 • Filters floating algae from water.
 • Filters out all particles larger than 1/1000 mm (like diatom filters), such as swarm spores of the white spot disease. Non-polluting, suitable for freshwater and saltwater.

Art. no.	Width	Length	UP
62387	25 cm	75 cm	6



JBL Symec
Fine filter wool
 • Synthetic residue-free filter wool.
 • For freshwater and saltwater.
 • Washable.

Art. no.	Content	UP
62311	100 g	25
62313	250 g	20
62315	500 g	12
62317	1000 g	1



JBL Symec XL Filterwool
Coarse filter wool
 • Green, high-quality filter wool, maintains its volume.
 • Synthetic residue-free material.
 • For freshwater and saltwater.

Art. no.	Content	UP
62325	250 g	20



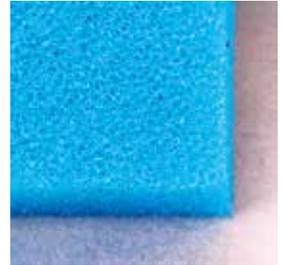
JBL Symec VL
Filter floss 80 x 25 x 3 cm
 • Can be cut to size.
 • Twice to three times the service life of other filter flosses.
 • No matting.
 • Suitable for all types of filter.

Art. no.	Length	Width	UP
62310	25 cm	80 cm	1



JBL Fine Filter Foam
Foam block 50 x 50 x 2,5/5/10 cm
 • NEW: Now also available in 2.5 and 10 cm thickness!
 • Open-pored foam produced in a special high-pressure process.
 • Neutral filter material for freshwater and saltwater aquariums.
 • Can be cut to any shape required.
 • Fine pored pre-filter material or long-term filter material.
 • 30 PPI (pores per inch)

Art. no.	Height	UP
62562	2,5 cm	1
62561	5 cm	1
62563	10 cm	1



JBL Coarse Filter Foam
Foam block 50 x 50 x 2,5/5/10 cm
 • NEW: Now also available in 2.5 and 10 cm thickness!
 • Open-pored foam produced in a special high-pressure process.
 • Neutral filter material for freshwater and saltwater.
 • Can be cut to any shape required.
 • Coarse pore size: biological long-term filter material.
 • 10 PPI (pores per inch)

Art. no.	Height	UP
62565	2,5 cm	1
62560	5 cm	1
62566	10 cm	1



Preview JBL Expedition Venezuela 2016



Accessories > Filter material > mechanical-biol.(universal)



JBL Sintomec

White intensive bio-filter rings

- High-quality sintered glass rings for intensive biological water clarifying.
- Internal hole diameter only 5 mm, resulting in thicker wall depth and providing more effective surface for bacteria which breakdown pollutants.
- 1 litre has 1200 m2 effective surface, 5 times as much as conventional ceramic tubes.

Art. no.	Content	Range	UP
62547	450 g	200 l	6



JBL Micromec

White intensive bio-filter balls

- High-quality sintered glass balls for crystal-clear water.
- With only 14 mm ball diameter also suitable for small filters. Conical tunnel pores allow algae-promoting nitrates to be broken down.
- More intensive breakdown of ammonium and nitrite.
- 1 litre has 1500 m2 effective surface, 8 times as much as conventional ceramic tubes.

Art. no.	Content	Range	UP
62548	650 g	200 l	6



JBL Cermecc

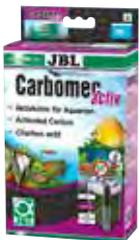
Ceramic filter tubes

- Tried and tested ceramic material for mechanical filtration.
- For use in fresh- and saltwater aquariums.
- As pre-filter medium, protects the biological filter material from rapid silting.

Art. no.	Content	Range	UP
62375	750 g	200 l	6



Accessories > Filter material > Special



JBL Carbomec activ

High performance active carbon for the freshwater aquarium

- Special pre-treatment for use in fresh water up to a pH of 7.5. pH-neutral and neutral conductivity.
- No phosphates encouraging algae growth are released into the water. Filters out discolourations and residues of medications fast.
- Ready for immediate use with a net bag and clip.

Art. no.	Content	Range	UP
62345	400 g	200 l	6



JBL Carbomec ultra carbon

Superactive carbon in pellet form for the saltwater aquarium

- Activated carbon specially designed for pH 8.0.
- 100 % phosphate-free.
- Absorbed materials are not released again.
- pH-neutral and neutral conductivity.
- Ready for immediate use with a net bag and clip.
- Also suitable for pH levels of about 8 in Malawi and Tanganyika aquariums.

Art. no.	Content	Range	UP
62355	400 g	200 l	6



JBL Tormec activ

Active peat pellets

- 2-component pellets for fast, long-lasting effect.
- Reduces CH (carbonate hardness) and pH.
- Changes the colour of the water to light amber, preventing the growth of algae.
- Creates the optimum conditions for keeping and breeding fish from black water habitats e.g. ram cichlids.

Art. no.	Content	Range	UP
62367	1000 ml	800 l	6



JBL SilikatEx

A special filter material which eliminates silicic acid and phosphate

- Silicate (silicic acid, SiO₂) causes unattractive diatom algae in the aquarium.
- Mains water often contains levels of silicates which create problems with diatom algae.
- This filter material permanently absorbs silicate and phosphate, preventing the growth of diatom.

Art. no.	Content	Range	UP
62549	500 g	200-400 l	6



Aquarium Keeping Fresh Water



JBL NitratEX
Filter material for the rapid removal of nitrates

- Only for freshwater aquariums.
- Prevents and removes undesirable algae growth.
- 250 ml (170 g) absorbs 9000 mg nitrate.
- Filter bag included.
- Suited for multiple use through easy reactivation with common salt.

Art. no.	Content	Range	UP
62537	250 ml	200 l	6



JBL BioNitrat EX
Biological filtermaterial for the removal of nitrates

- Removes the main nutrient of algae, nitrate, off the water. Operates exclusively through nitrate-eliminating bacteria, without the use of chemical additives or exchange products.
- Bacteria need no extra feeding, as substrate includes feed.
- Also suitable for use in saltwater in combination with the active carbon JBL Carbonec ultra as after-filter.

Art. no.	Content	Range	UP
62535	240 g	200 l	6



JBL PhosEX ultra
Filter mass for the removal of phosphates

- Phosphate in excess of 0.25 mg/l in freshwater, or 0.1 mg/l in saltwater, will give rise to algae-induced problems.
- 340 g of the products permanently absorbs 18,000 mg phosphates. Comprised of an insoluble iron compound which releases no toxins into the water.
- Effect measurable after only 24 hours.
- For fresh- and saltwater aquariums.

Art. no.	Content	Range	UP
62541	340 g	200 l	6



JBL ClearMec plus
Filter material for the removal of nitrites, nitrates and phosphates

- Creates crystal-clear aquarium water.
- Removes the nutrients for algae, preventing excessive algae growth. Absorbs nitrites, nitrates and phosphates for 3 months.
- For 150 to 300 liters freshwater.
- Material is ready-packed in two filter bags.

Art. no.	Content	Range	UP
62395	600 ml	300 l	6



JBL FilterBag fine
container bag for fine filter material

- Enables an easier removal of the filter materials from the filter to clean or to replace them. For fine filter media like activated carbon. One package contains 2 sachets for 0,5 – 1,5 l filter material with practical sealing clip. The nylon material (polyamide) is absolutely water neutral.

Art. no.	Content	UP
62551	2 Pieces	6



JBL FilterBag wide
concainer bag for coarse filter material

- Enables an easier removal of the filter material from the filter, to clean or to replace it.
- For coarse filter media like JBL SintoMec or JBL Cermec.
- One pack contains 2 sachets for 0.5 – 1.5 l filter material. With a practical sealing clip.
- The water neutral nylon material (polyamide) does not release any harmful substances into the water.

Art. no.	UP
62552	6



Preview JBL Expedition Venezuela 2016





JBL FilterPad VL
Cotton fleece cut to size
 • (62201) Fits JBL Cristal Profi 120/250 filters.
 • (62202) Fits JBL Cristal Profi 500 filters.
 • Ultra-fine filter material for efficient post-filtering in filters.
 • Contains 2 pieces per pack.

Art. no.	Content	UP
62201	2 Pieces	1
62202	2 Pieces	1



JBL FilterPad F15
Coarse foam cut to size (15 ppi)
 • Biological and mechanical filter material.
 • (62210) Fits JBL CristalProfi 120/250 filters.
 • (62211) Fits JBL CristalProfi 500 filters.
 • 100% neutral polyether foam.
 • Resistant to freshwater and saltwater.
 • Coarse, open-pored foam with a pore size of 15 ppi (pores per inch or 2,4 cm).

Art. no.	Content	UP
62210	2 Pieces	1
62211	2 Pieces	1



JBL FilterPad F35
Fine foam cut to size (35 ppi)
 • Biological and mechanical filter material.
 • (62206) Fits JBL CristalProfi 120/250 filter.
 • (62207) Fits JBL CristalProfi 500 filter.
 • 100% neutral polyether foam.
 • Resistant to freshwater and saltwater. Fine, open-pored foam with a pore size of 35 ppi (pores per inch).

Art. no.	Content	UP
62206	2 Pieces	1
62207	2 Pieces	1



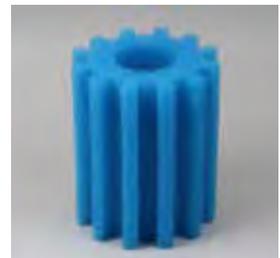
JBL TekAir replacement sponge
High-quality sponge
 • Open-pored sponge for efficient biological filtering.
 • Sponge size: 10 cm x 8 cm.
 • Can be used repeatedly by rinsing.
 • Make sure not to forget starter bacteria (JBL FilterStart) after cleaning or adding new fish.

Art. no.	Content	UP
61413	1 Pieces	1



JBL UniBloc CP i40/TekAir blue, coarse
Replacement foam cartridge for JBL CristalProfi i40 and TekAir
 • 25 ppi (pores per inch) foam for optimum service life.
 • 100% water-neutral synthetic material, which releases no harmful substances into the water.
 • Round cross-section with T-profile, which exactly fits the JBL CristalProfi i40, JBL TekAir and other filters with the same tube diameter.

Art. no.	Content	For CPI	UP
60927	1 Pieces	40/ TekAir	3



JBL UniBloc CP i80-200
Replacement foam cartridge for JBL CristalProfi i80 to 200
 • 25 ppi (pores per inch) foam for optimum service life.
 • 100% water-neutral synthetic material, which releases no harmful substances into the water.
 • Cross-section with T profile, which exactly fits into the modules of JBL CristalProfi i80, 100, 200 (also greenline versions).
 • Very large surface for optimal biological filtering and clear water.

Art. no.	Content	For CPI	UP
60928	1 Pieces	60-200	3



JBL CristalProfi m greenline Filter-Pad
Spare sponge for the JBL CristalProfi m internal filter.
 • Pore width of the black foam: 35 ppm.
 • Dimensions: 14 x 12.7 cm.
 • Simply press into the JBL CristalProfi m internal filter from the outside.
 • Fully washable. Fine enough to prevent small fish and shrimps from being sucked in.

Art. no.	Content	UP
60967		3



NEW



JBL CristalProfi m greenline Filter-Pad Module

Spare filter foam for JBL CristalProfi m module

- Spare filter foams to fit the extension module of the JBL CristalProfi m internal filter.
- Contains two spare filter foams.
- The spare filter foams of the extension module have smaller dimensions than the spare filter foams of the filter itself!

Art. no.		UP
60968		3



JBL CP e CombiBloc

Set with pre-filter pads and fine filter foam

- Filter foam pads for top basket of JBL CristalProfi e-series.
- The foam is fresh- and saltwater-neutral and releases no harmful substances.
- Set contains:
 - 2 (+ 2 extra) pre-filter T-profile pads (10 ppi)
 - 1 medium-pored foam pad (20 ppi)
 - 1 fine-pored foam pad (30 ppi)
- 60159: CPe 401, 700, 701, 900, 901
- 60160: CPe 1500, 1501, 1901

Art. no.	Content	For CPe	UP
60159	6 pcs.	4-7-901	1
60160	6 pcs.	15-1901	1



JBL CP e UniBloc

Bio-filter foam pads for JBL CP e-range

- Filter foam pads for the middle basket of the JBL CristalProfi e-series.
- Pore width specially designed for bio-filtering (bacterial colonization).
- Round middle section can be replaced with special filter media.
- Contents:
 - 2 pads with 20 ppi pore width.
- 60161: CPe 401, 700, 701, 900, 901
- 60162: CPe 1500, 1501, 1901

Art. no.	Content	For CPe	UP
60161	2 sets	4-7-901	1
60162	2 sets	15-1901	1



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JBL CarboMec Ultra CP i

Active filter carbon, ready to use in set for CP i-range (60 - 200)

- Phosphate-free high-capacity active carbon.
- Renew active carbon after 3 weeks.
- Removes medication residue and discoloration.
- Set contains: 1 x high-capacity active carbon pad ready to use in filter basket (190 ml) with inner pipe.
- Can be used with CP i60, but not recommended as sole filter media. Also for greenline.

Art. no.	Content	Range	UP
60930	190 ml	50-100 l	3

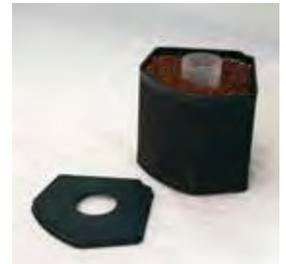


JBL PhosEx Ultra CP i

Phosphate eliminator ready to use in set for CP i-range (60 - 200)

- Solves algae problems by eliminating phosphate in freshwater and saltwater.
- Renew after 2 - 3 months or if the phosphate levels rise again.
- Set contents: 1 x high-capacity phosphate remover ready to use in filter basket (190 ml) with inner pipe.
- Also for greenline.

Art. no.	Content	Range	UP
60931	190 ml	50-100 l	3



JBL Clearmec CP i

Set with nitrite, nitrate and phosphate eliminator ready to use for the CP i-range (60 - 200)

- For crystal-clear water without algae problems.
- Renew after approx. 3 months
- Set contains:
- One special filter media ready to use in filter basket (190 ml) with inner pipe.
- Also for greenline.

Art. no.	Content	Range	UP
60932	190 ml	50-100 l	3



JBL TorMec mini CristalProfi i

Mini active peat pellets ready to use in set for CP i-range (60 - 200)

- For natural tropical water without algae problems.
- Prevents an increase in pH in a natural way.
- Slightly reduces water hardness (KH).
- Filters out components of light that promote algae.
- Renew after approx. 3 months.
- Set contains: 1 x mini peat granulate ready to use in filter basket (190 ml) with inner pipe.
- Also for greenline.

Art. no.	Content	Range	UP
60933	190 ml	50-100 l	3



JBL BioNitrat Ex CP i

Biological nitrate remover ready to use for CP i-range (60 - 200)

- Biologically breaks down algae-promoting nitrates.
- Special foam cartridge enriched with bacteria nutrient so that bacteria use nitrate as a source of oxygen.
- Renew after approx. 6 months.
- Can be used with JBL CP i60, but not recommended as sole filter media.
- Also for greenline.

Art. no.	Content	Range	UP
60934	1 cartridge	50-100 l	3



JBL MicroMec CP i
High-performance filter pellets break down nitrogen in the CP i-range (60 - 200)

- Sintered glass pellets with highly porous structure.
- Bacteria in the outer layer break down ammonium and nitrite (aerobic zone).
- In the center, bacteria in the anaerobic zone break down nitrate.
- Contents: 190 ml ready to use in filter basket with inner pipe.
- Also for greenline.

Art. no.	Content	Range	UP
60929	190 ml	50-100 l	3





JBL CarboMec Ultra Pad

Set with foam pad and active filter carbon for CP e-range

- Phosphate-free high-capacity activated carbon.
- Renew activated carbon after 3 weeks.
- Removes medication residue and discoloration.
- Set contains: 2 x shaped foam pads (20 ppi) with cut-off; 1 x high-capacity activated carbon in net bag 60167: CPe 401, 700, 701, 900, 901 60168: CPe 1500, 1501, 1901

Art. no.	Content	For CPe	UP
60167	500 ml	4-7-901	3
60168	800 ml	15-1901	3



JBL PhosEx ultra Pad

- Solves algae problems by removing phosphates in freshwater and in saltwater.
- The foam edging ensures a slow water flow through the phosphate eliminator in the centre.
- Set contains: 2 x shaped foam pads (20 ppi) with cut-off; 1 x high-capacity phosphate remover in net bag.
- 60169: CPe 401, 700, 701, 900, 901
- 60170: CPe 1500, 1501, 1901

Art. no.	Content	For CPe	UP
60169	500 ml	4-7-901	3
60170	800 ml	15-1901	3



JBL NitratEx Pad

- Exchanger resin, selectively eliminating nitrate from freshwater. Can be simply regenerated with saltwater.
- Solves algae problems by eliminating nitrate in freshwater. Set contains: 2 x shaped foam pads (20 ppi) with cut-off; 1 x high-capacity nitrate remover in net bag.
- 60171: CPe 401, 700, 701, 900, 901
- 60172: CPe 1500, 1501, 1901

Art. no.	Content	For CPe	UP
60171	250 ml	4-7-901	3
60172	360 ml	15-1901	3



JBL TorMec CPe

- Active peat pellets for CP e-range
- 2-component active peat pellets, gently reducing pH and KH.
- One component for immediate results and one for long-term effectiveness.
- Prevents algae growth in freshwater.
- 1000 ml reduces KH in 200 l by 5-7°GKH.
- Renew after 3 – 6 months.
- 60173: CPe 401, 700, 701, 900, 901
- 60174: CPe 1500, 1501, 1901

Art. no.	Content	For CPe	UP
60173	800 ml	4-7-901	3
60174	1300 ml	15-1901	3



JBL ClearMec plus Pad

- Set with nitrite, nitrate and phosphate eliminator for the CP e-range
- For crystal clear water without algae problems.
- The foam edging ensures a slow water flow through the pollutant eliminator in the centre.
- Set contains: 2 x shaped foam pads (20 ppi) with cut-off; 1 x nitrite, nitrate & phosphate remover in net bag.
- 60175: CPe 401, 700, 701, 900, 901
- 60176: CPe 1500, 1501, 1901

Art. no.	Content	For CPe	UP
60175	500 ml	4-7-901	3
60176	800 ml	15-1901	3



JBL MicroMec CP e

- High-performance filter pellets break down nitrogen in the CP e-range
- Sintered glass pellets with highly porous structure.
- Bacteria in the outer layer break down ammonium and nitrite (aerobic zone).
- In the center, bacteria in the anaerobic zone break down nitrate.
- 60177: CPe 401, 700, 701, 900, 901
- 60178: CPe 1500, 1501, 1901

Art. no.	Content	For CPe	UP
60177	1000 ml	4-7-901	3
60178	1600 ml	15-1901	3



Preview JBL Expedition Venezuela 2016



JBL Test-Set

Laboratory compensation system compensates water discoloration.

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

glass with the aquarium water is put on the colour chart with the colour field. 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. This system of comparison is called comparator system.



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



Add the reagent to one of the test containers.



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.



**VORSPRUNG DURCH
FORSCHUNG**
AHEAD THROUGH RESEARCH





JBL pH Test 3.0 - 10.0
Fast test to measure acidity of water

- For approx. 80 measurements.
- Only 4 drops per test.
- For fresh water and salt water.
- Graduation: 0.5 pH increments.
- Colour scale with 14 colours from red to yellow and green to violet.

Art. no.	Content For
25342	80 tests
25343	Reagent

UP
6
1



JBL pH Test 6.0 - 7.6
Measures pH in acidity to slightly alkaline water

- For approx. 80 measurements in freshwater (only 3 drops reagent/ test).
- Gradations in steps of 0.2 pH with glass cuvette.
- Laboratory compensation system compensates intrinsic water colouration. Colour scale with 9 colours from light green to blue. Includes syringe for simple measurement of the amount of water.

Art. no.	Content For
25346	80 tests
25347	Reagent

UP
3
1



JBL pH Test 7.4 - 9.0
Measures acidity in alkaline water

- Gradations in steps of 0.2 pH with glass cuvette.
- Laboratory compensation system compensates intrinsic water colouration.
- Colour scale with 9 colours from orange to violet.
- Includes syringe for simple measurement of the amount of water. For fresh and saltwater.

Art. no.	Content For
25348	80 tests
25349	Reagent

UP
3
1



JBL GH Test
Total hardness test for freshwater

- Recommended value for fresh water: 8 - 20° dGH
- 1 drop = 1° dGH.
- Colour transition from red to green.
- A higher GH in the aquarium compared to that of tap water suggests that water was topped up rather than renewed!

Art. no.	Content For
25350	Reagent
25351	

UP
6
1



JBL KH Test
Carbonate hardness test

- Recommended level for fresh water: 4-8° dKH.
- 1 drop = 1° dKH.
- Colour change from blue to yellow.
- The number of used drops = level of carbonate hardness.
- For this reason this test does NOT require a color scale.
- The most important text in aquatics since the KH stabilizes the pH value.

Art. no.	Content For
25360	Reagent
25361	

UP
6
1



JBL Oxygen Test O₂
Oxygen test

- Recommended oxygen content: 8 mg/at 25° C.
- Test providing accurate readings of oxygen levels from 1 - 10 mg/l in freshwater and marine tanks as well as garden ponds.
- Important when algae-removal preparations are used, as large amounts of oxygen are used when algae are eliminated.
- Recommended for use at night in densely planted aquariums, when large amounts of O₂ are absorbed.

Art. no.	Content For
25406	50 tests
25407	Reagent

UP
3
1



JBL CO₂/pH Permanent Test Set
Permanent direct measurement of CO₂ and pH

- A special indicator instead of aquarium water permits direct measurement of the CO₂ level in mg/l.
- 20 - 25 mg/l CO₂ is ideal.
- Replace the indicator only every 3-4 weeks = lasts a total of 9-12 months.
- Indicates the pH value (6.4 - 7.8) in addition to the CO₂ level.

Art. no.	Content For
25392	9-12 month
25393	Reagent

UP
3
1





JBL CO₂ Direct Test Set
Quick test immediately determines the CO₂ content of the water

- CO₂ (carbon dioxide) is the main nutrient for the aquatic plants. Contains 2 reagents with colour comparison field.
- Easy test to perform, where the droplet number is counted until the colour stays stable.
- Determines the exact CO₂ content, even if the pH value is reduced by adding acid.

Art. no. Content For
25416 3
25417 Nachfüll 1

UP
 3
 1



JBL Copper Test Cu
Copper test

- Recommended level for oodinium treatment: 0.3 mg/l Cu
- Accurate test for determining the copper content in freshwater and saltwater tanks. Range of values: < 0.1; 0.1; 0.2; 0.3; 0.45; 0.6; 0.8; 1.2; 1.6 mg/l.
- Can also be used to check tap water, which should not contain any copper.
- Helpful in administering medications and preparations containing copper, as the copper content should never exceed 0.3 mg/l, whilst insufficient doses will not result in a cure.

Art. no. Content For
25404 50 tests
25405 Reagent

UP
 3
 1

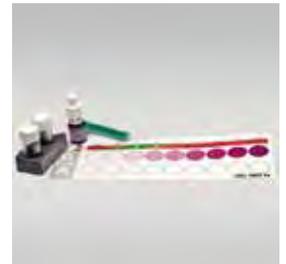


JBL Iron Test Fe
Iron (fertiliser) test

- Recommended level: 0.05 - 0.2 mg/l iron in fresh water.
- For approx. 50 measurements. For fresh and salt water.
- Gradation of values: < 0.02; 0.05; 0.1; 0.2; 0.4; 0.6; 0.8; 1.0; 1.5 mg/l.
- Responds to all dissolved forms of iron.
- Colour scale with 9 colours from colourless to dark violet. Laboratory comparator system for compensating the intrinsic water colouration.
- Includes a syringe for simple measurement of the amount of water.

Art. no. Content For
25390 50 tests
25391 Reagent

UP
 3
 1



JBL Silicate Test SiO₂
Silicate (silicic acid) Test

- Identifies the cause of diatoms which grow when levels of silicic acid (silicates) increase.
- Range of values: < 0.1; 0.2; 0.4; 0.8; 1.2; 1.6; 2.0; 3.0; > 6.0 mg/l.
- Treatment is possible with JBL Silikat Ex.
- Developed for freshwater and saltwater.

Art. no. Content For
25353 50 tests
25354 Reagent

UP
 3
 1



JBL Ammonium Test NH₄
Ammonium test

- Recommended value: max. 0.25 mg/l NH₄.
- For approx. 50 measurements with glass cuvettes.
- For fresh water and salt water. Range of values: < 0.05; 0.1; 0.2; 0.4; 0.6; 1; 1.5; 3; 5 mg/l.
- Table for the resulting ammonia content is enclosed.
- Laboratory compensation system for compensating water discoloration.
- Includes a syringe for simple measurement of the amount of water.

Art. no. Content For
25365 50 tests
25366 Reagent

UP
 3
 1



JBL Nitrite Test NO₂
Recommended level: max. 0.1 mg/l nitrite in fresh water

- For approx. 50 measurements with glass cuvettes.
- For fresh water and salt water. Range of values: < 0.01; 0.025; 0.05; 0.1; 0.2; 0.4; 0.6; 0.8; 1.0 mg/l. Colour scale with 9 colours from yellow to pink.
- Laboratory compensation system for compensating water discoloration.
- Includes a syringe for simple measurement of the amount of water.

Art. no. Content For
25370 50 tests
25371 Reagent

UP
 3
 1



JBL Nitrate Test NO₃
Recommended level: max. 50 mg/l in fresh water

- For approx. 50 measurements with glass cuvettes.
- For fresh water and salt water with two different colour scales. Colour scale with 11 colours from yellow to orange-red.
- Range of values: < 0.5; 1; 10; 15; 30; 50; 120; 240; > 240 mg/l.
- Laboratory compensation system to compensate water discoloration.
- Includes syringe for simple measurement of the amount of water.

Art. no. Content For
25375 50 tests
25376 Reagent

UP
 3
 1



Accessories > Water test > Test sets and refills

Aquarium Keeping Fresh Water



JBL Phosphate Test sensitive
Phosphate test
 • Recommended level: max. 1.0 mg/l in freshwater.
 • Highly sensitive test (from 0.05 mg/l) for measurements with laboratory accuracy in fresh water and salt water.
 • Determines the phosphate concentration in the water, which along with the nitrate concentration is responsible for undesirable algae growth.
 • For approx. 50 measurements.
 • Includes glass cuvettes, comparator system, syringe and a colour chart.

Art. no.	Content For	UP
25408	50 tests	3
25409	Reagent	1



JBL K Potassium Test Set
Test to identify the plant nutrient, potassium
 • Potassium is an essential plant nutrient that is quickly exhausted. Lack of potassium leads to stagnating plant growth and perforated leaves.
 • Measuring range: 2.0 to 15 mg/l.
 • Recommended levels: 5 – 10 mg/l.
 • For approx. 25 measurements.

Art. no.	Content For	UP
25411	25 Tests	3
25412	Refill	1



JBL Mg Magnesium Test Set
Freshwater
test for the determination of the plant nutrient magnesium
 • Indicates 0 to 10 as well as > 10 mg/l exactly (recommended value: 5-10 mg/l). Very accurate test with 3 reagents.
 • The comparator system takes the existing intrinsic colour of the water into account.
 • With 2 glass tubes, syringe for the accurate measurement of 5 ml, reagents and laminated colour cards.

Art. no.	Content For	UP
25414	60 tests	3
25415	Refill	1



Accessories > Water test > Test case



JBL Test Combi Set plus Fe
5 different tests for the most important water values
 • Suitable for all aquarium with plants.
 • pH (3 - 10), KH, NO₂, NO₃ and Fe (iron for fertiliser check).
 • Water-resistant plastic case.
 • Laboratory compensation system compensates water discoloration.
 • Includes syringe to measure amount of water.
 • Contains tables for recording results and table for CO₂ value.

Art. no.		UP
25500		1



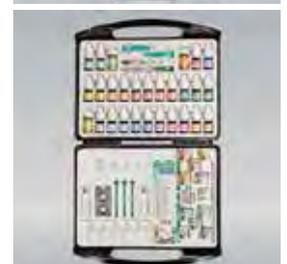
JBL Test Combi Set plus NH₄
Test case with five important tests, incl. NH₄ test
 • Includes NH₃ test for all aquariums, especially with pH values over 7.
 • pH (3-10), KH, NO₂ (nitrite), NO₃ (Nitrate) and NH₄/NH₃ (ammonium/ammoniac) and CO₂ table in a waterproof plastic case.
 • Laboratory compensation system for compensating water discoloration.
 • Including a syringe for easily measuring the amount of water.
 • Contains tables for entering the results.

Art. no.		UP
25510		1



JBL Testlab
Professional test kit for freshwater analysis
 • Twelve different tests for comprehensive water analyses.
 • pH 3.0 - 10, pH 6.0 - 7.6, pH 7.4 - 9.0, oxygen O₂, CO₂ tables, GH, KH, phosphate PO₄, ammonium/ammoniac NH₄/NH₃, nitrite NO₂, nitrate NO₃, iron Fe, CU, silicate SiO₂.
 • Waterproof plastic case containing 6 glass cuvettes, 2 syringes, dosage spoons, thermometer, ball-point pen and protocol paper.
 • The compensation system takes self-colouration of water into consideration and makes the comparison of colors more precise.

Art. no.		UP
25502		1



JBL Testlab ProScope
Professional test laboratory for the water analysis of planted aquariums
 • 9 different tests for a comprehensive water analysis: pH 6.0-7.6; CO₂ direct; iron Fe; magnesium (Mg) freshwater, potassium (K), phosphate (PO₄), nitrate (NO₃), silicate (SiO₂) and KH.
 • Waterproof plastic case with glass tubes, 2 syringes, dosage spoons, thermometer, ballpoint pen and result sheets.

Art. no.		UP
25511		1





JBL EasyTest 6in1

6-fold test strips for quick water testing

- 50 test strips.
- NEW: With a chlorine test (disinfectant in tap water).
- pH test from 6.4 to 9.0 (acidity of the water).
- KH test from 0 to 20 °dKH (pH stability of the water).
- GH test from <1 to > 21 °dGH (general hardness).
- Nitrite (NO₂) from 0 to 10 mg/l (poisonous nitrogen compound).
- Nitrate (NO₃) from 0 to 250 mg/l (cause of algae).

Art. no. Content For

25339 50 tests

UP

6



JBL ProScan

Multi water test with evaluation via smartphone app

- Contains 24 analysis strips (for the calculation of GH, KH, pH, nitrite, nitrate, chlorine and CO₂) with matching JBL ProScan ColorCard.
- The colour chart serves as a reference when scanning the analysis strip.
- The result is evaluated and, where necessary, instructions are displayed to show how to optimize the water values.
- The appropriate app is available free of charge.

Art. no. Content

25420 24 Pieces

UP

5



JBL ProScan Recharge
Refill test strips for JBL ProScan

- 24 test strips for digital evaluation with the JBL ProScan app. These test strips are specially designed for the JBL ProScan app. They can only be evaluated with the colour reference chart in the JBL ProScan and the free JBL ProScan app.

Art. no. Content

25421 24 Pieces

UP

6



PROSCAN

Photometric Analysis and Diagnosis of the Water Values with your Smartphone.

This is how it works:

Download the JBL PROSCAN-App*, free of charge, onto your smartphone (Apple iOS and Android). Start the app.

Using the especially calibrated JBL PROSCAN Color Card enclosed, please follow the instructions in

the app. You can choose between the following analysis modules: „Aquarium Freshwater“, „Garden Pond“ and „Water“. When you select „Aquarium Freshwater“ and „Water“, the app calculates the current CO₂ content in the water. Depending on the analysis result of

„Aquarium Freshwater“ and „Garden Pond“, you will receive individualized recommendations about which JBL products will help you to set the ideal/optimal water values.





JBL WishWash
Innovative aquarium cleaning cloth + sponge

- NEW: On one side of the packaging the version for aquariums is shown and on the other the version for terrariums.
- Removes algae and limescale (please use JBL Clean A/T !) from the inside of aquarium and terrarium glass (sponge).
- Cleans the outside of the glass panes thoroughly and easily (cloth).
- Soaks up removed dirt instead of merely spreading it in the water. Free of chemicals.

Art. no.			UP
61526			6



JBL Aqua-T Handy angle
Angled glass cleaner (15°) with stainless steel blade ,70 mm

- An angle of 15° and a long shaft enable effortless removal of tenacious coatings (algae) on glass.
- No destruction of the silicone bonding of the aquarium.
- Total length 30 cm, blade width of 7 cm.
- With a protective cap avoids injuries when not in use.
- Spare blades are available separately.

Art. no.	Length	Width	UP
61522	300 mm	80 mm	5



JBL Aqua-T Handy
Glass pane cleaner with 70 mm stainless steel blade

- Easily removes the most stubborn deposits (algae).
- Does not damage the silicon seal of the aquarium.
- Has a protective cap against injuries when not in use.
- Spare blades available separately.

Art. no.	Length	Width	UP
61520	80 mm	135 mm	5



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

- Also fits on other models with a similar blade holder.
- Package contents: 5 precision blades.
- Immediately available with a practical dispenser for new and old blades.

Art. no.	Content	UP
61523	5 pcs.	1



JBL Aqua-T Triumph
Glass pane cleaner with 140 mm stainless steel blade

- Effortless removal of stubborn deposits (algae).
- Does not damage the silicon seal of the aquarium.
- With a rubber scraper (= protective cap) to clean the outside surface of the aquarium glass.

Art. no.	Width	UP
61521	140 mm	1



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

- Also fits on other models with a similar blade holder.
- Contents: 5 precision blades in a safety box.

Art. no.	Content	UP
61524	5 pcs.	1



JBL Blanki
Non-scratching aquarium pane cleaner

- Removes algae and calcium deposits in minutes.
- Stainless steel, no blades.
- Highly suitable for children as no dangerous blades!
- Even most stubborn algae simply removed.

Art. no.		UP
61360		6





JBL Blanki Set
Non-scratching aquarium pane cleaner with handle

- With robust 45 cm long handle from aluminum.
- Flexible attachment of Blanki to handle.
- Same features as JBL Blanki.

Art. no.	Length	UP
61365	45 cm	6



JBL AquaEx Set 10-35
Gravel cleaner for nano aquariums (10 - 35 cm in height)

- Small but handy gravel cleaner for dirt suction cleaning in small aquariums.
- A removable suction net protects shrimps and small fish from being accidentally sucked in. The square profile also enables the cleaning of aquarium corners.
- Size: 3.5 cm (lower width) x 12.5 cm (height).
- Includes 1.5 m hose (9/12 mm).

Art. no.	Diameter	Length	UP
61418	35 mm	125 mm	3



JBL AquaEX Set 20-45
Gravel cleaner for 20 - 45 cm water level

- Cleaning claw for var suction strength.
- Round cross-section with "corners" makes it easier to clean the corners of aquariums and places which are difficult to reach.
- Internal diameter 40 mm.
- The suction valve makes suction by mouth unnecessary.
- Includes 2 m hose (12/16 mm) and 2 hose clips (JBL ClipSafe) as well as a stopcock.

Art. no.	Diameter	Length	UP
61409	40 mm	330 mm	3



YouTube



JBL AquaEx Set 45-70
Gravel cleaner for 45 - 70 cm water level

- Cleaning claw for variable adjustment of suction strength.
- Round diameter with „corners“ for easier cleaning of corners of aquarium and places which are difficult to reach.
- Suction valve dispenses with initial priming by mouth.
- Internal diameter 40 mm.
- Includes 2 m hose (12/16 mm) und 2 hose clips (JBL ClipSafe) to safely fasten the hose when working in the aquarium or with a bucket.

Art. no.	Diameter	Length	UP
61410	40 mm	530 mm	3



YouTube



JBL Aqua In-Out
Self-priming and refills automatically – all-in-one set

- A water jet creates suction which draws the water out of the tank.
- It even siphones with a water jet pump when the tank is situated below the level of the sink!
- Ready for connection to most water taps with the two enclosed 28 x 1/22 x 1 & G3/4 M24 adapters.
- Comes with a gravel cleaner and an 8 m hose.
- After siphoning the pump just needs to be switched to "fill".

Art. no.	Diameter	Length	UP
61430	12/16 mm	8 m	1



YouTube



JBL Aqua In-Out Extension
8 m extension hose

- Extends your JBL Aqua In-Out Set by 8 m.
- Complete, including hose connection with thread for increased safety.

Art. no.	Diameter	Length	UP
61431	12/16 mm	8 m	1



JBL water jet pump
For fast, simple water change

- Simply screw on to water tap. Water jet creates suction which siphons off water from aquarium.
- Connects to hose siphoning water from aquarium via gravel cleaner.
- Can be changed in an instant from "siphon off" to "refill".
- Even siphons water from aquariums which are lower positioned than the washbasin.

Art. no.		UP
61433		1





JBL ClipSafe

Multi-purpose hose clips

- Prevent wet floors and flooding by securing hoses in place when working on the aquarium.
- Firmly hold the hose in place when changing water.
- Safely attach the hose to the bucket when siphoning off water.
- For 12 mm and 16 mm diameter hoses.
- 2 clips per pack.

Art. no.	For	UP
61091	12-16 mm	6



JBL Cleany

Double-ended hose brush

- Steel helix fitted with a brush at either end to clean hoses of 9 mm or 30 mm inner diameter as applicable.
- 160 cm long to clean all hoses.
- Filter hoses cleaned by means JBL Cleany will prevent a performance loss from occurring across the filter.

Art. no.	For	UP
61361	9-30 mm	6



JBL Spongi

Aquarium cleaning sponge

- NEW PACKAGING: FRONT - AQUARIUM, BACK - TERRARIUM
- Robust sponge for cleaning the aquarium or terrarium.
- Neutral material, adds no pollutants to the water.

Art. no.	Length	Width	UP
61380	115 mm	90 mm	4



JBL Proscape Cleaning Glove

Cleaning glove for aquarium glass

- Cleans aquarium glass easily.
- Reaches into all nooks and corners of the aquarium.
- Removes algae from leaves of plants and decorative material.
- Cleans technical equipment and pump parts.

Art. no.		UP
61379		6

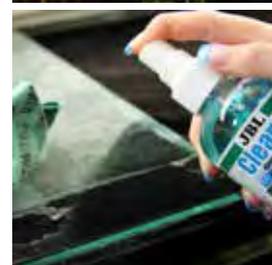


JBL Clean A

Glass cleaner

- Cleans the outer side of all aquarium glass panes naturally.
- Non-hazardous for fish and plants.
- Dissolves stubborn lime-scale.
- With pump spray head.

Art. no.	Content	UP
61385	250 ml	6



YouTube



JBL Desinfekt

Disinfectant

- Very powerful bactericidal, fungicidal and virucidal effect. The disinfectant solution can be mixed easily in a bucket and used to disinfect aquariums, terrariums, decorative material and catching equipment. Remove the animals before using!

Art. no.	Content	UP
20091	50 g	6



Use biocides safely. Always read the labelling and product information before use.
Usar biocidas con cuidado.
Siempre leer l'etiqueta e l'informaci3n sobre el producto prima del uso.

Preview JBL Expedition Venezuela 2016



YouTube



JBL Floaty II

Floating glass cleaning magnet

- For convenient and effective glass cleaning without getting your hands wet.
- There is no need to "fish around" in the aquarium any more if the inner part detaches from the magnet on the outside, as it floats to the top.
- No more scratched panes any more, as the interior part never falls into the gravel, causing trapped gravel stones to scratch the pane! The protruding Floaty edge makes it easier to reach algae behind the technical equipment.

Art. no.	For glass	Size	UP
61376	6 mm	S	4
61377	10 mm	M	3
61378	15 mm	L	2



JBL Floaty S Acryl

Floating glass cleaning magnet specially for acrylic panes

- Enables perfect cleaning of acrylic and glass panes.
- No need to "fish around" in the aquarium any more if the inner part detaches from the magnet on the outside of the glass.
- Extremely light material with a strong magnetic field.
- The inner part can swim.
- The original! European Patent No. 1139729 (also for plastic panes!)

Art. no.	For glass	Size	UP
61370	4 mm	mini	4



JBL Floaty Shark

Floating glass cleaning magnet specially for thick glass

- Floats to the surface, so there is no need to "fish around" in the aquarium any more if the inner part detaches from the magnet on the outside.
- No more scratched panes as a result of trapped gravel.
- Designed for glass panes with a thickness of 20 - 30 mm.
- Size: 150 x 60 x 30 mm.

Art. no.	For glass	Size	UP
61374	20-30 mm		1



YouTube



JBL Floaty Blade

Floating algae magnet for thick glass panes with a blade

- Special features: Blade insert with a blunt blade with no risk of cutting (removes even the most stubborn of films).
- Available in two sizes: JBL Floaty Blade L for 15 mm glass and JBL Floaty XL Blade for 25 mm glass thickness.
- Replaceable blade insert.

Art. no.	For glass	Size	UP
61352	15 mm	L	2
61350	25 mm	XL	2



JBL Blade 2x (Floaty L/XL)

Spare blades for JBL Floaty Blade, sizes L & XL

- Can be replaced in just seconds.
- Dull blades, which are nevertheless excellent at removing persistent films. The advantage: no risk of injury from cuts.
- Fit both L and XL sizes.

Art. no.	Width	UP
61351	67 mm	1



JBL Algae Magnet

Magnetic glass cleaner to remove algae

- Clean glass easily without getting your hands wet.
- Sturdy shaped grip for easier handling.
- Strong magnets for firm attachment and fast cleaning

Art. no.	For glass	UP
61291	6 mm	S 4
61292	10 mm	M 3
61293	15 mm	L 2



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Aquarium Keeping Fresh Water

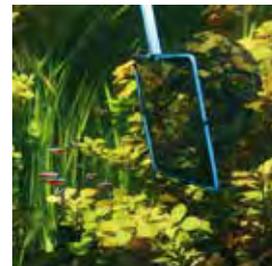


JBL PREMIUM Fish Net - coarse

Wide-mesh aquarium catch net with black net

- Black net makes catching fish demonstrably easier.
- With reinforced handle for daily use.
- Made of heavy duty nylon netting.
- Suitable for freshwater and saltwater.

Art. no.	Length	Width	UP
61033	31 cm	8 cm	6
61034	33 cm	10 cm	6
61035	35 cm	13 cm	6
61036	43 cm	15 cm	6
61037	45 cm	20 cm	6
61038	54 cm	25 cm	6



JBL PREMIUM Fish Net - fine

Narrow-mesh aquarium catch net with black net

- Black net makes catching fish demonstrably easier.
- With reinforced handle for daily use.
- Made of heavy duty nylon netting.
- Suitable for freshwater and saltwater.

Art. no.	Length	Width	UP
61041	31 cm	8 cm	6
61042	33 cm	10 cm	6
61043	35 cm	13 cm	6
61044	43 cm	15 cm	6
61045	45 cm	20 cm	6
61046	54 cm	25 cm	6



JBL PREMIUM Fishing Net extra long

Aquarium catch net with black net and extra long handle

- 40 cm long handle for better handling or higher aquariums.
- Black net makes catching fish demonstrably easier.
- With reinforced handle for daily use.
- Made of heavy duty nylon netting.
- Suitable for freshwater and saltwater.

Art. no.	Width	Length	UP
61047	41 cm	15 cm	6
61039	41 cm	15 cm	6

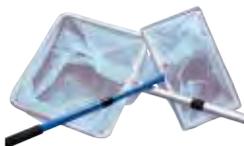


JBL Pond Fish Net, coarse

Robust pond fishing net in 2 sizes

- 30,5 x 20,5 cm coarse net with telescopic handle 90 cm.
- 35 x 30 cm coarse net with telescopic handle 190 cm.

Art. no.	Length	Width	UP
28705	90 cm	30,5 cm	1
28701	190 cm	35 cm	1



JBL Pond Fish Net, fine

Fine pond fishing net in 2 sizes

- 30,5 x 20,5 cm fine net with a telescopic handle 90 cm.
- 35 x 30 cm fine net with a telescopic handle 190 cm.

Art. no.	Length	Width	UP
28706	90 cm	30,5 cm	1
28702	190 cm	35 cm	1



JBL Kids Workshop Germany 2014





JBL Aquarium tubing GREY
 supplied with a card for hanging up, transparent grey, flexible, free of heavy metals

- Very high, food-safe quality.
- Without soft PVC compounds.
- Air hose (6108600)
- Water hose (6108700)
- Water hose (6108800)
- Water hose (6108900)
- Water hose (6109000)

Art. no.	Diameter	Length	UP
61086	4/6	2,5 m	1
61087	9/12	2,5 m	1
61088	12/16	2,5 m	1
61089	16/22	2,5 m	1
61090	19/25	2,5 m	1



JBL Aquarium hose grey spool
 supplied on a coil, transparent grey, flexible, free of heavy metals

- Hoses printed with size, EAN and the "food-safe" symbol.
- Air hose (6112100)
- Water hose (6112100)
- Water hose (6112200)
- Water hose (6112300)

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



JBL Aquarium tubing green
 supplied with a card for hanging up, green transparent, flexible, free of heavy metals

- Air hose (61081)
- Water hose (61082)
- Water hose (61083)
- Water hose (61084)

Art. no.	Diameter	Length	UP
61081	4/6	2,5 m	1
61082	9/12	2,5 m	1
61083	12/16	2,5 m	1
61084	16/22	2,5 m	1



JBL Aquahose green on spool
 supplied on a coil, transparent green, flexible, free of heavy metals

- Hoses printed with size, EAN and the "food-safe" symbol.
- Air hose (6111100)
- Water hose (6111200)
- Water hose (6111300)
- Water hose (6111400)

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



JBL Silicon tubing
 On reel, transparent, 4/6 mm

- Extremely long life.
- 4/6 mm (internal/external) diameter.
- Not suited for CO₂.
- Silicone-like material.
- Contains no heavy metals.

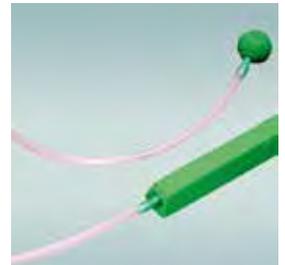
Art. no.	Diameter	Length	UP
61119	4/6	100 m	100



JBL Silicon tubing
 with card for hanging, 4/6 mm

- Extremely long life.
- 4/6 mm (internal/external) diameter.
- Not suited for CO₂.
- Silicone-like material.

Art. no.	Length	Diameter	UP
61085	2,5 m	4/6 mm	1



JBL T3 -CO₂ Hose
 Special hose for CO₂-units.

- The diffusion behaviour of CO₂ is different from air.
- Therefore, air tubing is not suited for CO₂ systems.
- 3 m black, special CO₂ resistant tubing.
- Diameter: 4/6 mm.
- Suitable for all common CO₂ systems.

Art. no.	Diameter	Length	UP
63462	4/6 mm	3 m	3



Accessories > Tube/Fitting > Tube



JBL ProSilent Tube

2.5 m quality silicone hose

- High-end air hose of 4/6 mm.
- Extremely durable – does not harden.
- Semi-transparent silicone material.

Art. no.	Diameter	UP
64317	4/6 mm	6



Accessories > Tube/Fitting > Fittings



JBL Anti-Kink

Prevents hoses kinking

- Available to fit 2 hose diameters.
- Increased safety as kinking of hoses can cause hose connection to burst due to excess pressure.
- Greater efficiency as kinking leads to at least a reduction in flow rates.
- Pack contains 2 pieces.

Art. no.	Diameter	UP
63137	16 mm	6
63138	22 mm	6



JBL ProSilent Safe

Prevents backflow of water

- Protects items such as diaphragm pumps from backflow of aquarium water.
- For 4/6mm dia. air hoses.
- TÜV tested = safety guaranteed!

Art. no.	For Ø	UP
64318	4/6 mm	6



JBL ProSilent Control

Adjustable precision air shut-off valve

- 1 inlet, 2 air outlets with precise individual adjustment.
- Every hose connection is threaded and self-locking.
- Option of connecting this double valve with an additional double valve.
- Optional wall mount.
- The shut-off valves are not ideally suited for CO₂.

Art. no.	For Ø	UP
64316	4/6 mm	6



Accessories > Tube/Fitting > Succer holder



JBL Suction pad 12mm

Rubber suction pads with clips for objects of 12 mm

- Holds all round objects of approx. 12 mm diameter.
- High quality black rubber suction pads.
- Very sturdy plastic clips.
- Contains 2 suction pads with 2 clips..

Art. no.	For Ø	UP
60855	12 mm	1



JBL 16 mm Clip suction pad

Rubber suction pad with clips for objects of 16 mm diameter

- 2 complete suction pads per pack.
- Black rubber suction pad with sturdy black clip.
- Clip and suction pad can be separated.

Art. no.	For Ø	UP
60856	16 mm	1



JBL Suction pad 23-28 mm

Rubber suction pad with clips for objects of 23 - 28 mm diameter

- 2 complete suction pads with clips per package.
- Suction pads made of black rubber with extremely robust black clips.
- Clip and suction pads can be separated.
- Suitable e.g. for many heating rods.

Art. no.	For Ø	UP
60408	23-28 mm	1





JBL Suction pad 37mm
Rubber suction pad with clamp for 37 - 45 mm, e.g. JBL Taifun Reactor

- Holds all round objects from 37 to 45 mm in diameter.
- Very robust, transparent plastic clips with black rubber suction pads.
- Each package contains 2 suction pads and 2 clips.
- Open on one end in order to be able to easily remove the fastened object.

Art. no.	For Ø	UP
63134	37-45 mm	1



JBL Suction Holder 5mm
rubber suction cups for objects with a diameter of 5 mm

- 2 complete suction cup units.
- Suction cups made of black rubber.
- Suitable for all objects with a diameter of approx. 5mm, such as the JBL Aquarium thermometer mini.

Art. no.	For Ø	UP
61217		1



JBL 6 mm suction holder small
Rubber suction cups for objects of 6 - 7 mm diameter

- 2 complete suction pads per pack.
- Black rubber suction pad.
- For all objects with an approx. 6 mm diameter such as premium thermometers + air hoses

Art. no.	For Ø	UP
63135	6-7 mm	1



JBL Suction holder 12mm
Rubber suction pad for objects with a 11 to 12 mm diameter

- 2 complete suction pads per pack.
- Black rubber suction pad.
- Closed suction pads for pushing the object through.

Art. no.	For Ø	UP
63136	11-12 mm	1



JBL Slit Suction Pad
Suction pad for heating cables

- Makes floor-heating cables in aquarium and terrarium easy to lay. Prevents cables accidentally shifting, so that floor heating cables operate in trouble-free operation.
- For use with all cables and objects of 2 to 4 mm diameter.

Art. no.	For Ø	UP
60414	2-4 mm	1



JBL FixSet
Suction pad and spacer set

- Holds pipes and hoses securely in the desired position.
- Spacer clips are the solution for aquarium brace bars on the top edge!
- Set consists of:
 - 2 suction pads with clips (distance from centre pipe/glass 2 cm)
 - 2 suction pads with spacer clips (distance from centre pipe/glass 3.5 cm)

Art. no.	For CPe	UP
60153	47/900/1	1
60154	1500/1	1
60236	1901	1



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JBL ProSilent Ceramic
Air stone made of ceramic

- Ceramic material produces extra fine air bubbles.
- Long life.
- For fresh water and salt water.

Art. no.	Size	Length	UP
61480	55 mm	S	6
61481	105 mm	M	6
61482	155 mm	L	6



JBL Aeras Micro S2
Airstone set

- Made of a quartz sand mixture with extra-fine pores for super-fine air bubbles (hence the name "Micro").
- Containing 2 ball-shaped air stones.
- Own weight of stone keeps it on ground without extra weighting.
- For fresh and salt water.

Art. no.	Diameter	UP
61485	21 mm	6



JBL Aeras Micro S3
Airstone set

- Made of a quartz sand mixture with extra-fine pores for super-fine air bubbles (hence the name "Micro").
- Consisting of 3 colored air stones.
- Cylindrical shape with large surface.
- 26 x 15 mm effective surface.
- For fresh and salt water.

Art. no.	Diameter	Height	UP
61486	14 mm	25 mm	6



JBL Aeras Micro
Green Airstone

- Made of a quartz sand mixture with extra-fine pores for super-fine air bubbles (hence the name, "micro").
- Conical oblong air stones with the holes covering a very large surface.
- The green colour permits unobtrusive mounting.
- Size S: 10 cm long; Size M: 14 cm long.
- For fresh water and salt water.

Art. no.	Length	Size	UP
61487	100 mm	S	6
61488	140 mm	M	6



JBL Aeras Micro Plus
Broad Airstone

- Made of a quartz sand mixture with extra-fine pores for super-fine air bubbles (hence the name, "micro").
- For fresh water and salt water.
- The special base plate permits firm attachment to the bottom without covering the air stone with gravel.
- Size M: 14 cm long; Size L: 27 cm long.
- Also suitable for placing a number of air stones in a row!

Art. no.	Length	Size	UP
61489	140 mm	M	6
61490	270 mm	L	6



JBL Aeras Micro Ball L
Ball shaped airstone

- From extra-fine quartz sand mixture for particularly fine air bubbles (hence the name „Micro“) Ball air stone with 40mm diameter.
- Especially suitable as air stone for garden ponds (see JBL Pond Oxi-Set and JBL Floater + AntiKink).
- In the aquarium the weight of the air stone keeps it on ground without extra weighting.

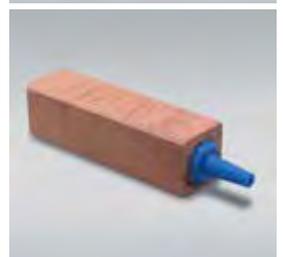
Art. no.	Diameter	UP
61491	40 mm	6



JBL Aeras Marin
Wood airstone for saltwater

- Constant air supply.
- Very fine air bubbles.
- Increases the efficiency of protein skimmers
- 2 sizes

Art. no.	Length	Size	UP
61483	45 mm	S	6
61484	65 mm	M	6





JBL ActionAir Smiling Clowns

Ornament for aquariums with an air pump

- 3 clown fish on the coral ground together with an anemone.
- Non-toxic and abrasion-resistant paint.
- Hand-painted with very natural colouring.
- The fronts of the three fish move up and down with the bubble flow.
- 16 x 13 x 8 cm (L x W x H).

Art. no.

64300

UP

2



JBL ActionAir Pinnipeds

Ornament for aquariums with an air pump

- 3 seals in the waves
- Non-toxic and abrasion-resistant paint.
- Hand-painted with very natural colouring.
- The fronts of the three seals move up and down with the bubble flow.
- 21 x 9 x 8 cm (L x W x H).

Art. no.

64301

UP

2



JBL ActionAir Lucky Calamari

Ornament for aquariums with an air pump

- 3 squids on a rock base
- Non-toxic and abrasion-resistant paint.
- Hand-painted with natural colouring.
- The fronts of the three squids move up and down with the bubble flow.
- 17 x 18 x 7 cm (L x W x H).

Art. no.

64302

UP

2



JBL ActionAir Spanish Treasure

Ornament for aquariums with an air pump

- 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

UP

2



JBL ActionAir Treasure Hunter

Ornament for aquariums with air operation

- Helmet diver with a treasure chest and a skull.
- Non-toxic and abrasion-resistant paint.
- Hand-painted with natural colouring. The diver lifts the chest with the bubble flow.
- 14 x 7 x 10 cm (L x W x H).

Art. no.

64304

UP

2



JBL ActionAir Beautiful Shells

Ornament for aquariums with an air pump

- 2 individual giant clams with a pearl each. Non-toxic and abrasion-resistant paint.
- Hand-painted with natural colouring.
- The upper shells of both clams open with the bubble flow to reveal the pearl inside.
- 10 x 9 x 7 cm & 8 x 6 x 6 cm (L x W x H).

Art. no.

64306

UP

2



JBL ActionAir Magic Diver

Ornament for aquariums with an air pump

- Deep sea diver with an airplane engine on the ocean bed.
- Non-toxic and abrasion-resistant paint.
- Hand-painted with natural colouring.
- The propeller in the engine turns with the bubble flow.
- 13 x 12 x 12 cm (L x W x H).

Art. no.

64307

UP

2





JBL ActionAir Mystery Diver
 Ornament for aquariums with an air pump

- Scuba diver with 2 treasure chests.
- Non-toxic and abrasion-resistant paint.
- Hand-painted with pretty colouring.
- The diver opens and closes the lid of one of the chests with the bubble flow.
- 15 x 11 x 13 cm (L x W x H).

Art. no.

64308

UP

2



JBL ActionAir Waving Panda
 Ornament for aquariums with an air pump

- Panda bear on rocks
- Non-toxic and abrasion-resistant paint.
- The panda waves with one arm with the bubble flow.
- 11 x 11 x 14 cm (L x W x H).

Art. no.

64309

UP

2



JBL ActionAir Old Guy
 Ornamental figure for aquariums with air pump

- Uncanny old guy with skull.
- Un-poisonous and abrasion-resistant color.
- Hand-painted with decorative coloring.
- The air movement moves the arms of the old guy.
- Dimensions: 12 x 17 x 10 cm (L x W x H)

Art. no.

64310

UP

2



JBL ActionAir Spinning Wheel
 Ornament for aquariums with an air pump

- Steering wheel of a wreck.
- The wheel turns with the bubble flow.
- Aquarium safe and abrasion-resistant paint.
- Hand-painted with pretty colouring.
- 8.5 x 10 x 13 cm (L x B x H).

Art. no.

64311

UP

2



JBL ActionAir Flint's Compass
 Ornament for aquariums with an air pump

- Gyrocompass from a shipwreck.
- The lid opens and closes with the bubble flow.
- Aquarium safe and abrasion-resistant paint.
- Hand-painted with pretty colouring.
- 9 x 10 x 15 cm (opened compass lid) (L x B x H).

Art. no.

64312

UP

2





JBL MotionDeco Medusa XL WHITE
Moving, white jellyfish figure to decorate the aquarium

- Now also available in orange!
- Gelatinous jellyfish reproduction which moves with the water current.
- Aquarium safe and water-neutral silicone.
- 21 cm length x 10 cm diameter.
- Available in white, blue or orange.
- Jellyfish can be fastened to the ground or glass with the help of suction cups and a nylon strap (everything is included and ready to be installed).

Art. no.	Colour	UP
60450	White	2



JBL MotionDeco Medusa XL BLUE
Moving, blue jellyfish figures to decorate the aquarium.

- Gelatinous jellyfish reproduction which moves with the water current.
- Non-toxic and water-neutral silicone.
- 21 cm length with 10 cm diameter.
- Jellyfish are fastened to the base or the glass with suction cups and nylon straps (everything is included and ready to be installed).
- Phosphorescent glow in the dark effect.

Art. no.	Colour	UP
60451	Blue	2



JBL MotionDeco Medusa XL ORANGE
Moving, orange coloured jellyfish figure to decorate the aquarium

- Gelatinous jellyfish reproduction which moves with the water current.
- Non-toxic and water-neutral silicone.
- 21 cm long with 10 cm diameter.
- Jellyfish are fastened to the base or the glass with suction cups and nylon straps (everything is included and ready to be installed).
- Phosphorescent glow in the dark effect.

Art. no.	Colour	UP
60454	Orange	2



JBL MotionDeco Medusa Set BLUE
2 coloured jellyfish figure set to decorate the aquarium

- Gelatinous jellyfish reproduction which moves with the water current. Non-toxic and water-neutral silicone.
- Small blue jellyfish 10 x 4 cm, large jellyfish 11 x 6 cm. Jellyfish are fastened to the base or the glass with suction cups and nylon straps (everything is included and ready to be installed).
- Phosphorescent glow in the dark effect.

Art. no.	Colour	UP
60452	Blue/White	2



JBL MotionDeco Medusa Set PINK
2 coloured jellyfish figure set to decorate the aquarium

- Gelatinous jellyfish reproduction which moves with the water current.
- Non-toxic and water-neutral silicone.
- Small pink-coloured jellyfish 10 x 4 cm, large jellyfish 11 x 6 cm. Jellyfish are fastened to the base or the glass with suction cups and nylon straps (everything is included and ready to be installed).
- Phosphorescent glow in the dark effect.

Art. no.	Colour	UP
60453	Pink/White	2



JBL MotionDeco Lionfish
Moving broadbarred firefish as aquarium decoration.

- Lifelike reproduction of the broadbarred firefish Pterois antennata.
- Dorsal and pectoral fins move in the water current.
- Aquarium safe and water-neutral silicone.
- Length 12 cm, height 9 cm.
- Suction cup with 40 cm long nylon strap to fasten the Lion fish.

Art. no.	UP
60455	2



Aquarium Keeping Fresh Water



NEW
YouTube

JBL BabyHome Oxygen
Premium spawning box with air pump

- Extra large spawning box with integrated oxygen supply. The rising air bubbles ensure good water circulation in the box and therefore healthy fish.
- Container with division to separate spawning females.
- Suction cup holds the spawning box in position on the pane.
- 2 different spawning grids – removable for breeding.

Art. no.	Performance	Size	UP
64320	3 W		2



JBL BabyHome pro Air
A spawning box specially designed for an air stone

- With suction cups on the side for secure mounting.
- Specially designed for use with an air stone.
- 3 functions:
 - 1.) Single spawning box
 - 2.) Double spawning box
 - 3.) Breeding box
- The slits in the spawning grid are 2 mm wide, the lateral slits of the container have a width of 0.5 – 0.8 mm.

Art. no.	Length	Width	UP
64315	250 mm	100 mm	2



JBL ProSilent Safe
Prevents backflow of water

- Protects items such as diaphragm pumps from backflow of aquarium water.
- For 4/6mm dia. air hoses.
- TÜV tested = safety guaranteed!

Art. no.	For Ø	UP
64318	4/6 mm	6



YouTube

JBL ProSilent Control
Adjustable precision air shut-off valve

- 1 inlet, 2 air outlets with precise individual adjustment.
- Every hose connection is threaded and self-locking.
- Option of connecting this double valve with an additional double valve.
- Optional wall mount.
- The shut-off valves are not ideally suited for CO₂.

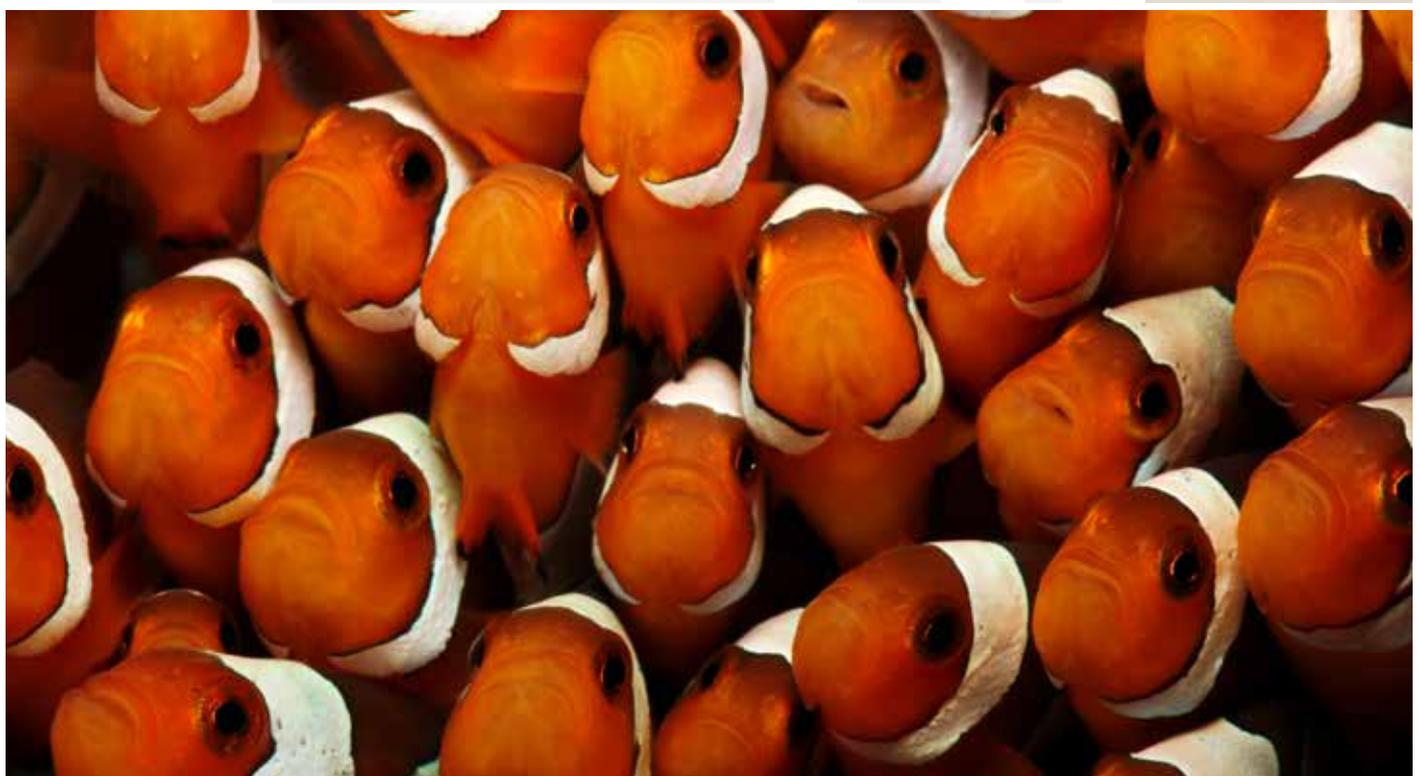
Art. no.	For Ø	UP
64316	4/6 mm	6



JBL ProSilent Tube
2.5 m quality silicone hose

- High-end air hose of 4/6 mm.
- Extremely durable – does not harden.
- Semi-transparent silicone material.

Art. no.	Diameter	UP
64317	4/6 mm	6



YouTube



JBL ArtemioSet

Breeding set for Artemia nauplii

- Live food home-grown in 24 hours.
- Complete cultivation equipment with stand, air pump and 1.8 m air hose.
- Harvesting container and Artemia sieve (0.15 mm mesh) also included.
- The container has been skilfully designed to allow the air from the air pump to be fed to further breeding containers.
- Funnel shape ensures constant movement of all nauplii.

Art. no.

61060

UP

2



JBL Artemio 1

Extension for ArtemioSet

- Complete breeding container as in ArtemioSet, but without air pump and hose.
- Includes a stand which can be permanently connected to other Artemio stands.
- Optional wall-mounting.
- Likewise with a means for redirecting the air flow to additional breeding containers.

Art. no.

61061

UP

2



JBL Artemio 2

Harvesting container for Artemio

- Transparent harvesting container from sturdy plastic.
- Artemia sieve (JBL Artemio 3) and sieve set (JBL Artemio 4) exactly fit onto upper opening.
- Also suitable for other types of live food.

Art. no.

61062

UP

3



JBL Artemio 3

Artemia sieve

- Mesh size 0.15 mm.
- Catches Artemia nauplii and lets saltwater run through.
- Fits exactly on harvesting container (JBL Artemio 2).
- Also suitable for other types of live food.

Art. no.

61063

UP

3



JBL Artemio 4

Sieve combination for live food

- 4 top quality sieves to separate live food from transport water.
- Sieve sizes: 0.15 mm, 0.30 mm, 0.60 mm and 1.00 mm.
- Perfect for Artemia, mosquito larvae, Tubifex, Mysis, water fleas etc.
- All sieves, used in succession, separate live food, e.g. water fleas, into different sizes to feed different sizes of fish according to their needs.

Art. no.

61064

UP

3



Preview JBL Expedition Venezuela 2016



Accessories > Breeding > Breeding miscellaneous



YouTube

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.			UP
61502			6



NEW
YouTube

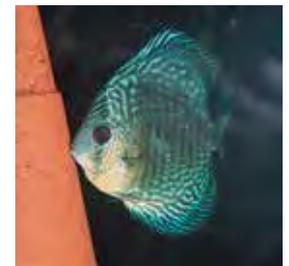
JBL BabyHome Oxygen
Premium spawning box with air pump
 • Extra large spawning box with integrated oxygen supply. The rising air bubbles ensure good water circulation in the box and therefore healthy fish.
 • Container with division to separate spawning females.
 • Suction cup holds the spawning box in position on the pane.
 • 2 different spawning grids – removable for breeding.

Art. no.	Performance	Size	UP
64320	3 W		2



JBL DisCon
Spawning cone for discus
 • Unbreakable, made of neutral plastic.
 • Easy to clean and disinfect.
 • Preferred to other materials by discus.

Art. no.	Diameter	Height	UP
61366	111 mm	255 mm	1



JBL Ceramic spawning cave
Spawning cave for the freshwater aquarium
 • Cave made from neutral fired clay.
 • Provides ideal privacy for egg-depositing cave breeder fish (long-whiskered cat fishes, purple cichlid etc.).
 • A popular hiding place outside the breeding period.

Art. no.	Diameter	Height	UP
61501	115 mm	125 mm	12



Accessories > small parts/snail trap



YouTube

JBL LimCollect II
A chemical-free snail trap
 • NEW: 2 small rods can be inserted in 2 positions at the entrance as a variable height delimiter to prevent fish from entering unintentionally.
 • Place the trap in the aquarium overnight – wait – remove it full of snails.
 • Also ideally suited for catching shrimp or crabs intentionally!

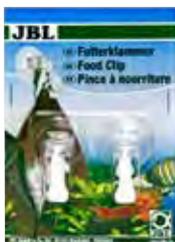
Art. no.	Length	Width	UP
61401	117 mm	90 mm	6



YouTube

JBL NovoStation
Feeding ring with level-adaptation for the aquarium
 • The ideal feeding place for all aquarium fish.
 • Targeted feeding, with no loose food floating around.
 • Always perfectly positioned, even when water levels in the aquarium vary.
 • All fish congregate at the feeding place and can easily be observed.
 • 9 x 9 cm.

Art. no.	Size	UP
61369	90x90 mm	6



JBL Food Clip
Universal food clip with a suction holder
 • Ideal for food (algae leaves, salad, Catappa leaves).
 • With a flexible clip that can be rotated in all directions.
 • Merely attach to the panel and the fish and invertebrates will remain in full view while they are feeding.
 • Prevents food from floating into the decorations where the fish may no longer be able to reach it consequently polluting the water.
 Conceptualized for fresh water and salt water as well as terrariums.

Art. no.		UP
63163		6



Accessories > Miscellaneous > Thermometer



JBL Aquarium thermometer
Precise glass thermometer including sucker holder.

- Indication of the optimum temperature range.
- Complete with an acid resistant and alkali resistant suction holder.
- Floats vertically without suction cup.

Art. no.		UP
61405		12



JBL AquaThermometer Premium
Slim precision thermometer, exact to 0.5° C

- 15 cm long glass capillary, German-made.
- All temperatures from 0 to 50° C.
- Including acid and alkali-resistant suction holder.

Art. no.		UP
61407		12



JBL Digital thermometer
Attaches to aquarium wall from the outside.

- Accurate measurement.
- Optimum temperature range indicated.

Art. no.		UP
61406		12



JBL Hang On Aquarium Thermometer
Precision thermometer for hanging

- Elegant, bent glass body enables hanging over the aquarium glass.
- Precision capillary made in Germany.
- Available in three variations: 11.5 cm length for glass strength of 6 mm, 16.5 cm length for a glass strength of 10 mm and 16.5 cm length for a glass strength of 15 mm.
- Temperature range: 0.0 to 40 °C.

Art. no.	For glass	UP
61211	6 mm	6
61212	10 mm	6
61213	15 mm	6



JBL aquarium thermometer Mini
Elegantly designed mini thermometer

- Only 60 mm long with a diameter of 5 mm.
- Range: 0 - 50°C.
- Fine measuring scale with 0.2 °C graduation.
- Filled with blue, non-toxic alcohol (instead of mercury).
- Fits into the JBL CristalProfi m internal filter clamp.
- Suction cup included.

Art. no.	Length	Diameter	UP
61216	60 mm	5 mm	6



NEW

Accessories > Miscellaneous > Silicone & glue



JBL AquaSil black
Silicon for the aquarium and terrarium

- Special silicon black, with highly adhesive strength. For constructing and repairing aquariums.
- Fast hardening.
- Odourless, neutral, nontoxic when hard.
- TÜV type approved.

Art. no.	Content	UP
61390	80 ml	6
61393	310 ml	1



JBL AquaSil transparent
Silicon for the aquarium and terrarium

- Special silicon transparent, with highly adhesive strength.
- For constructing and repairing aquariums.
- Fast hardening.
- Odourless, neutral, nontoxic when hard.
- TÜV type approved.

Art. no.	Content	UP
61391	80 ml	6
61394	310 ml	1



Accessories > Miscellaneous > Silicone & glue



JBL HARU

Universal adhesive

- Bonds anything to anything (except PP and PE plastics).
- For optimal adhesion under water, does not require emptying of the tank. For leaky aquariums, fixing of decorative materials, securing stones from falling over, fastening of corals on stones, fastening of different materials to one another (e.g., wood on glass) etc.
- Black polymer-based adhesive and sealant (odour-free and non-toxic) which is permanently elastic and can even harden under water.

Art. no.	Content	Weight	UP
61396	80 ml	130 g	6



Accessories > Miscellaneous



JBL AquaPad

Special underlay for the aquarium & terrarium

- Prevents tension in the glass and compensates unevenness in the bottom.
- Belongs under every aquarium or terrarium!

Art. no.	Length	Width	UP
61100	60 cm	30 cm	6
61101	80 cm	40 cm	6
61102	100 cm	40 cm	6
61106	100 cm	50 cm	3
61103	120 cm	40 cm	3
61104	120 cm	50 cm	3
61105	150 cm	50 cm	3



Accessories > Miscellaneous



JBL CombiFix

Plant tongs

- 46 cm long tongs made of strong plastic.
- For all work in fresh- and saltwater aquariums.

Art. no.	Length	UP
61505	46 cm	6



JBL AquaTerra Tool S

Pair of scissors

- Stainless steel.
- Approx. 28 cm long scissors for work in the aquarium or terrarium.
- Ideal for trimming plants and removing dead leaves.
- Rinse in freshwater after using in saltwater.

Art. no.	Length	UP
61506	28 cm	1

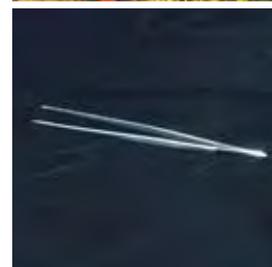


JBL AquaTerra Tool P1

Straight pincers

- Stainless steel.
- Approx. 30 cm long pincers for work in the aquarium or terrarium.
- Suitable for feeding animals.
- Rinse in freshwater after using in saltwater.

Art. no.	Length	UP
61507	30 cm	1



JBL AquaTerra Tool P2

Angled pincers

- Rust-free stainless steel.
- Approx. 30 cm long pincers for doing work in aquariums and terrariums.
- Well suited for feeding animals.
- Rinse with fresh water after use in salt water.

Art. no.	Length	UP
61508	30 cm	1



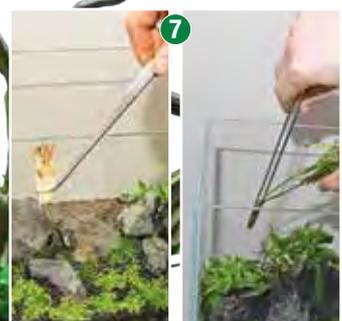
JBL ProScape Tools

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.



Accessories > Miscellaneous



JBL ProScape Plantis
 12 plant pegs to securely anchor plants in the gravel

- Unbreakable plastic.
- Anchors all plants to the substrate without damaging growth, until roots have taken firm hold.
- For fresh and saltwater..

Art. no.	Content	UP
61368	12 pcs.	6



Accessories > Miscellaneous > Installation & maintenance of ProScape



JBL ProScape Tool S straight
 straight trimming scissors for aquascaping

- For the professional clipping of plants.
- Stainless, high-quality steel, made in Japan, (with extremely smooth surface).
- Extremely high cutting precision.
- Weight-optimized, only 60.5 g (S 20 = 20 cm long) and 92.5 g (S 30 = 30 cm long) lightweight for fatigue-free work.
- 27 mm sized finger holes also suitable for bigger fingers.

Art. no.	Length	UP
61540	20 cm	1
61541	30 cm	1



JBL ProScape Tool S curved
 angled trimming scissors for plant maintenance

- For the professional and comfortable clipping of plants.
- The angle enables a clean working without contortions.
- Stainless, high-quality steel, made in Japan, (with extremely smooth surface).
- Extremely high cutting precision.
- Weight-optimized, only 62.5 g (S 20 = 20 cm long) and 91.0 g (S 30 = 30 cm long) lightweight for fatigue-free work.
- 27 mm sized finger holes also suitable for bigger fingers.

Art. no.	Length	UP
61543	20 cm	1
61544	30 cm	1



JBL ProScape Tool S wave
 Wave shaped scissors for plant maintenance

- For the professional clipping of lawn forming plants and of plants, which are difficult to reach with normal scissors.
- Stainless, high-quality steel, made in Japan, (with extremely smooth surface).
- Extremely high cutting precision.
- Weight-optimized, only 51.8 g lightweight for fatigue-free work.
- 27 mm sized finger holes also suitable for bigger fingers.

Art. no.	Length	UP
61546	20 cm	1



JBL ProScape Tool S spring
 curved spring scissors for mosses and lawn plants.

- Especially for the cutting of mosses and lawn plants.
- The spring ensures the pincers open automatically after cutting.
- Stainless, high-quality steel, made in Japan, (with extremely smooth surface). Extremely high cutting precision.
- Weight-optimized, only 19.5 g at a length of 16 cm for fatigue-free work, even in small aquariums.
- 27 mm sized finger holes also suitable for bigger fingers.

Art. no.	Length	UP
61547	16 cm	1



Aquarium Keeping Fresh Water





JBL ProScape Tool P straight
straight pincers for the decoration and insertion of plants

- For the professional insertion of aquatic plants.
- Stainless, high-quality steel, made in Japan, (with extremely smooth surface).
- Tips with cross corrugation to prevent damage of plants when reaching for them.
- Weight-optimized, only 78.3 g light for fatigue-free work.

Art. no.	Length	UP
61548	30 cm	1



JBL ProScape Tool P slim line
slender and straight pincers for the decoration and insertion of plants

- for the professional insertion of plants, such as special small lawn forming plants.
- Stainless, high-quality steel, made in Japan, (with extremely smooth surface).
- Tips with flat corrugation to prevent damage of plants when reaching for them. Extremely weight-optimized: only 44.8 g lightweight for fatigue-free work.

Art. no.	Length	UP
61549	30 cm	1



JBL ProScape Tool P curved
angled pincers for the aquarium decoration

- For the professional insertion of aquatic plants and for their decoration.
- Stainless, high-quality steel, made in Japan, (with extremely smooth surface).
- Tips with cross corrugation to prevent damage of plants when reaching for them.
- Weight-optimized, only 75.3 g light for fatigue-free work.
- Total length: 30 cm.

Art. no.	Length	UP
61550	30 cm	1



JBL ProScape Tool SP straight
Double trowel for aquarium design

- Helpful with the ground covering design and planting.
- For comfortable and professional work in the aquarium.
- Stainless, high-quality steel, made in Japan, (with extremely smooth surface).
- Weight-optimized, only 78.6 g lightweight for fatigue-free work. Total length 30 cm.
- 2 different trowel sizes: 62 mm / 25 mm.

Art. no.	Length	UP
61551	30 cm	1



Aquarium Keeping Fresh Water

FREE JBL ProScape Tool Bag!*

For the purchase of 3 JBL ProScape tools, you will receive a free JBL ProScape Tool bag.

To receive your free gift:

Simply take a photograph of at least 3 JBL ProScape tools in front of your aquarium (incl. receipt) and upload your picture with your registration at <http://toolbag.proscape.de/> Your Picture will be published with that of other participants in our online gallery. You will then receive your free JBL ProScape Tool Bag delivered to your home address.

valid in the E.U and Switzerland.
Valid until the 01.08.2015 (or until stocks last).
Full details about registration, terms and conditions can be found at:
<http://toolbag.proscape.de>

www.ProScape.de

*This promotional offer is only



TOOL BAG



JBL Manado

Natural substrate which filters and enhances plant growth.

- Supports the filter with its large colonisation area for pollutant-absorbing bacteria.
- The dedicated structure supports the development of plant roots. Restricts the growth of algae by absorbing excess fertiliser from the water.
- The rounded shape is also gentle on the sensitive barbels of ground-dwelling fish.

Art. no.	Content	Range	UP
67021	1,5 l	10 l	10
67022	3 l	25 l	6
67023	5 l	50 l	3
67024	10 l	100 l	1
67025	25 l	350 l	1



JBL Expedition 2010 Sansibar/Tansania



JBL Sansibar BLACK

Black gravel for aquariums

- Very decorative gravel for aquariums and aqua terrariums.
- Grain size: 0.2 – 0.5 mm. Suited e.g. for cory catfish.
- Ideal in combination with JBL AquaBasis plus for perfect plant growth.
- Not so well suited for undergravel heating cables.

Art. no.	Content	UP
67050	5 kg	4
67051	10 kg	2

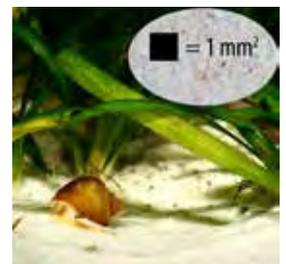


JBL Sansibar WHITE

White, fine gravel for aquariums

- Very decorative gravel for aquariums and aqua terrariums.
- Grain size: 0.1-0.4 mm.
- Ideal in combination with JBL AquaBasis plus for perfect plant growth.
- Not so well suited for undergravel heating cables.

Art. no.	Content	UP
67055	5 kg	4
67056	10 kg	2



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 ShrimpSoil	JBL ProScape ShrimpSoil	JBL ProScape VolcanoMineral
Type of material					
Colour	double burned soil	double burned soil	double burned soil	double burned soil	volcanic lava rock
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



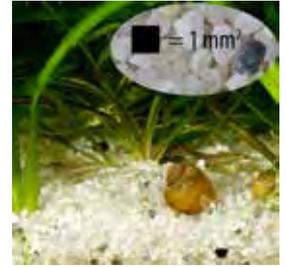
JBL Sansibar RIVER

Light, fine gravel with black pebbles for aquariums

- Very decorative gravel for aquariums and aqua terrariums.
- Granulation: 0.4 – 1.4 mm. Very well suited e.g. for cory catfish.
- Ideal in combination with JBL AquaBasis plus for perfect plant growth.
- Well suited for undergravel heating cables (e.g. JBL ProTemp Basis).

Art. no.	Content
67058	5 kg
67059	10 kg

UP
4
2



JBL Sansibar SNOW

Snow-white fine gravel for aquariums

- Very decorative substrate for aquariums and aqua terrariums.
- Natural ground material without artificial additives.
- Granulation: 0.1 - 0.6 mm. Suitable for armoured catfish.
- Ideal in combination with JBL AquaBasis plus for perfect plant growth.
- Not suited for undergravel heating cables.

Art. no.	Content
67060	5 kg
67061	10 kg

UP
4
2



JBL Sansibar GREY

Grey, fine gravel for aquariums

- Very decorative substrate for aquariums and aqua terrariums.
- Natural ground material without artificial additives.
- Granulation: 0.2 - 0.6 mm. Suitable for armoured catfish.
- Ideal in combination with JBL AquaBasis plus for perfect plant growth.
- Not suited for undergravel heating cables.

Art. no.	Content
67062	5 kg
67063	10 kg

UP
4
2



JBL Sansibar ORANGE

Orange, fine gravel for aquariums

- Very decorative substrate for aquariums and aqua terrariums.
- Natural ground material without artificial additives.
- Granulation: 0.1 - 0.6 mm. Suitable for armoured catfish.
- Ideal in combination with JBL AquaBasis plus for perfect plant growth.
- Not suited for undergravel heating cables.

Art. no.	Content
67064	5 kg
67065	10 kg

UP
4
2



JBL Sansibar RED

Red, fine gravel for aquariums

- Very decorative substrate for aquariums and aqua terrariums.
- Natural ground material without artificial additives.
- Granulation: 0.2 - 0.6 mm. Suitable for armoured catfish.
- Ideal in combination with JBL AquaBasis plus for perfect plant growth.
- Not suited for undergravel heating cables.

Art. no.	Content
67066	5 kg
67067	10 kg

UP
4
2



	JBL Manado	JBL Sansibar Black	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 (soil) with nutrients for plant aquariums

- Creates optimal water values (slightly acidic & low KH value) for aquatic plants.
- With its softening effect the substrate is ideal for the care and cultivation of most aquatic plants.
- The granulation of the soil ensures an optimal supply and circulation of oxygen inside the ground.

Art. no.	Content	UP
67073	3 l	5
67074	9 l	2

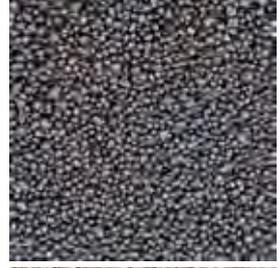




JBL ProScape PlantSoil BROWN
 Brown substrate (soil) with nutrients for plant aquariums

- Creates optimal water values (slightly acidic & low KH value) for aquatic plants.
- With its softening effect the substrate is ideal for the care and cultivation of most aquatic plants.
- The granulation of the soil ensures an optimal supply and circulation of oxygen inside the ground.

Art. no.	Content	UP
67080	3 l	5
67081	9 l	2





JBL ProScape ShrimpsSoil BEIGE
 Substrate (beige) for shrimp aquariums

- Creates optimal water values for shrimp aquariums. JBL ProScape Shrimps Soil creates a slightly acidic pH value and a low KH value in the aquarium.
- With its softening effect the substrate is ideal for the keeping of shrimps.
- The granulation of the soil ensures an optimal supply and circulation of oxygen inside the ground.

Art. no.	Content	UP
67075	3 l	5
67076	9 l	2

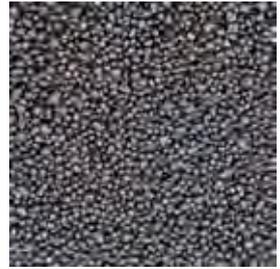




JBL ProScape ShrimpsSoil BROWN
 Substrate (brown) for shrimp aquariums

- Creates optimal water values for shrimp aquariums.
- JBL ProScape Shrimps Soil creates a slightly acidic pH value and a low KH value in the aquarium.
- With its softening effect the substrate is ideal for the keeping of shrimps.
- The granulation of the soil ensures an optimal supply and circulation of oxygen inside the ground.

Art. no.	Content	UP
67084	3 l	5
67085	9 l	2





JBL ProScape Volcano Mineral
 Highly porous volcanic rock

- Ideally suited as the basis for every natural aquarium.
- The porous volcanic rock ensures the water circulation at the bottom.
- Promotes the settlement of microorganisms. With its open-pored structure JBL ProScape Volcano ensures an optimal oxygen supply to the bottom.
- Rich in valuable minerals and trace elements.

Art. no.	Content	UP
67077	3 l	6
67078	9 l	2



Timucin Sagel/Charm Of The Light

Decoration > Miscellaneous > Aquarium background glue



JBL FIXOL

Aquarium background picture adhesive

- NEW PACKAGING: FRONT - AQUARIUM, BACK - TERRARIUM
- Bubble-free adhesion of the background picture up to a size of 200 x 80 cm applied externally to the aquarium or terrarium.
- Scenes only become really effective with Fixol.
- Adhesive can be removed without trace at any time.
- Includes spatula for simple application.
- Not suitable for paper or 3-D background foils.

Art. no.	Content	For	UP
61210	50 ml	2,0x0,8 m	6



Decoration > Miscellaneous > Cocos Cava



JBL Cocos Cava

Coconut shell caves

- Ideal spawning and hiding place for fish.
- Terrarium animals readily adopt these natural caves as places to sleep or hide.
- Natural material without toxins.

Art. no.	Size	UP
61510	1/2 L	6
61511	1/2 M	6
61512	3/4 L	3
61514	1/1 M	3
61513	1/1 L	3



Decoration > Miscellaneous > Roots



JBL Mopani Roots

Attractively shaped root wood for decoration

- Weighty, will not usually float.
- Roots are gathered, therefore no destruction of the environment.
- Soak roots in water for a few days to avoid brown discoloration.

Art. no.	Size	Size	UP
67011	S	10-27 cm	6
67012	M	20-35 cm	30
67013	L	30-40 cm	1



JBL Mangrove Roots

Mangrove wood roots

- Provides armored catfish with vital fibers.
- The root can be weighted down to prevent floating.
- Soak in water for a few days before using to prevent brown discoloration.

Art. no.	Size	Size	UP
67031	S	10-20 cm	12
67032	M	25-35 cm	3



Food > For all species > Flakes & granules

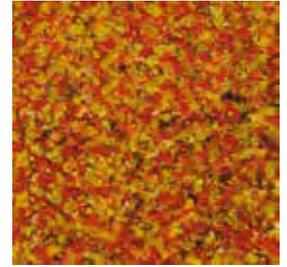


JBL Nano-Bel

Main food flakes for small fish in nano aquariums

- Wholesome food for "mini fish species" in mini-flake form. 7 different types of flakes guarantee variety and meet the nutritional needs of the species.
- More than 50 processed raw ingredients (incl. vitamin C) guarantee healthy fish with superb colouring.
- Precisely balanced phosphate content for healthy fish growth and reduced algae growth.

Art. no.	Content	Weight	UP
23171	60 ml	16 g	6



JBL Nano-Mix

Main food granulate for small fish in nano aquariums

- Wholesome food for "mini fish species" in mini granulate form.
- Over 50 raw materials in 4 different granulates provides all fish an optimal staple food.
- High-temperature, short-time (HTST) treatment ensures optimal digestion of the food and consequently reduces water pollution.
- Balanced protein-fat ratio.

Art. no.	Content	Weight	UP
23174	60 ml	32 g	6



Food > For all species > Food Tablets



JBL Nano-Tabs

Food tablet treats for shrimps and dwarf crayfish

- The tablets cannot be carried away by the shrimps and crayfish, so allowing the observer to enjoy the "feeding time show".
- Professionally balanced ingredients meet the specific needs of the species and ensure problem-free shedding of the shell and healthy (not too rapid) growth.
- THE ultimate in feeding fun.
- Adds variety to the diet.

Art. no.	Content	Weight	UP
23177	60 ml	36 g	6



JBL Nano-Crabs

Main food chips for dwarf crayfish in nano aquariums

- Hard mini-wafers for crustaceans with pincers.
- Mainly vegetable ingredients ensure problem-free shedding of the shell.
- Stable in water for up to 24 hours, i.e. do not immediately disintegrate in water.
- With high cellulose content, needed to build up chitin shell.
- Also suitable for saltwater crayfish.

Art. no.	Content	Weight	UP
23180	60 ml	32 g	6



JBL Nano-Prawn

Main food granules for shrimps in nano aquariums

- Professional nutrition for shrimps, with 5% spirulina algae for healthy growth.
- Food pearls keep their shape in water for 24 hours without disintegrating, therefore do not pollute the water.

Art. no.	Content	Weight	UP
23183	60 ml	35 g	6



Food > For all species > Special



JBL Nano-Betta

Main food flakes for fighting fish in nano aquariums

- Specially formulated to meet the specific feeding needs of fighting fish.
- 6% krill increases the readiness to spawn and enhances colouration.
- 13 different ingredients ensure a varied diet.
- Plant proteins and lecithin promote brilliant colouring and perfect fin growth.

Art. no.	Content	Weight	UP
23173	60 ml	15 g	6



Preview JBL Expedition Venezuela 2016



Nano-Care products > Water Conditioning > Miscellaneous



JBL Nano-Biotopol

Water conditioner for nano aquariums

- Fast-acting conditioner converts tap water to healthy aquarium water for mini fish species, shrimps and crayfish.
- Reliably absorbs copper, toxic for crustaceans.
- Noticeably protects the mucous membranes, gills, skin and fins of fish. With tropical almond leaf extract for natural water conditions.
- Immediately neutralises toxic heavy metals and chlorine.
- For every water change and new tanks.

Art. no.	Content	Range	UP
23101	15 ml	180 l	6



JBL Nano-Biotopol Beta

Water conditioner for fighting fish

- Fast-acting conditioner converts mains water to healthy aquarium water for fighting fish (Beta species).
- Tangible protection for mucous membranes, gills, skin and fins. With tropical almond leaf extract for natural water conditions. For each water change and for new aquariums.
- Immediately neutralises toxic heavy metals and chlorine. Specially formulated for freshwater.

Art. no.	Content	Range	UP
23187	15 ml	180 l	6



JBL Nano-Catappa

Healing Indian almond leaves in the Nano format

- Astringent effect.
- Can be used as a food supplement for shrimps and snails.
- Simply lay the leaves in the aquarium. The effect of the ingredients begins with no further action required and lasts 1 – 3 weeks.
- Harvested directly from the tree, cleaned and sun-dried.

Art. no.	Content	Range	UP
25199	10 Pieces	300 l	12



JBL Nano-Crusta

Care and shell-moulting product for shrimps and dwarf crayfish

- Essential clay mineral, montmorillonite, creates perfect water conditions for crustaceans.
- Supports problem-free and healthy moulting.
- Promotes the development of brilliant colouring in shrimps.
- Naturally cleans and clarifies aquarium water without chemicals.
- Specially formulated for freshwater.

Art. no.	Content	Range	UP
23107	15 ml	700 l	6



JBL Nano-Start

Bacterial starter for nano aquariums

- Makes the aquarium and the filter immediately (24 hours) biologically active.
- With 5 different nitrifying bacteria strains for healthy, pollutant-free water.
- Sufficient for 1 nano aquarium up to 40 l.
- Always use a water conditioner before adding bacterial starters. Bacterial starter for nano aquariums.

Art. no.	Content	Range	UP
23110	15 ml	40 l	6



Nano-Accessories > Cleaning > Miscellaneous

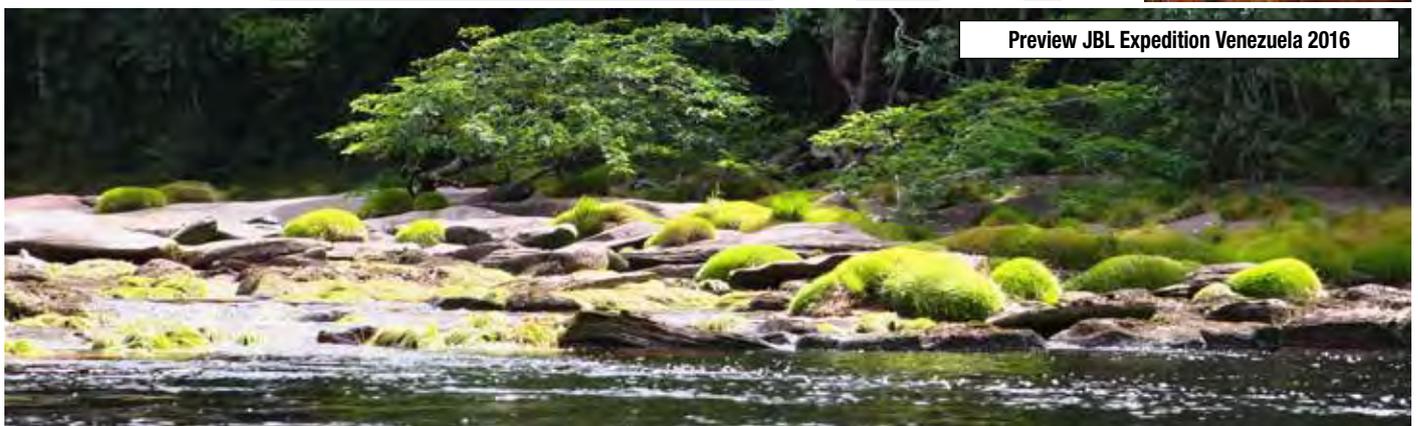


JBL Nano-Floaty

Floating algae magnet for nano aquariums

- Cleans aquarium panes easily and thoroughly.
- If the inner part accidentally detaches, it will not fall into the gravel, but floats to the surface where it can be simply "caught" using the external magnet.
- Also suitable for plastic panes (acrylic).
- Optically unobtrusive thanks to small size.

Art. no.	For glass	UP
61419	4 mm	4



Preview JBL Expedition Venezuela 2016

**JBL Maris****Premium class flake food for marine fish**

- 100 % natural ingredients.
- 30 % protein-rich krill flakes.
- Spirulina algae for fastidious herbivorous fish.

Art. no.	Content	Weight	UP
31020	250 ml	40 g	6

**JBL MariPearls CLICK****Premium granules for marine fish with the Click dispenser**

- Food can with practical click dosage.
- Slowly sinking granular pearls.
- Low-temperature production process is easy on the marine ingredients.
- 10 % sea algae create a high level of acceptance among demanding marine fish. A low phosphate value leads to less water pollution and less undesired growth of filamentous algae.

Art. no.	Content	Weight	UP
40661	250 ml	140 g	6

**JBL MariPearls****Premium class food pearls for marine fish**

- Slowly sinking granular pellets. Low-temperature production process is easy on the marine ingredients. 10 % seaweed ensures maximum acceptance by fastidious marine fish. Low phosphate level reduces both water pollution and the growth of undesirable thread algae.

Art. no.	Content	Weight	UP
40591	1000 ml	520 g	3

**JBL Krill****Premium class krill flakes**

- The main diet of the blue whale, krill, is the concentrated feed of the oceans. Rich in proteins, unsaturated fats and carotene.
- A special ultra-fine grinding process eliminates any danger of gastro-intestinal injury to freshwater fish from the sharp spines of these deep-sea shrimps.
- Perfect for freshwater fish and marine fish.

Art. no.	Content	Weight	UP
40581	100 ml	16 g	6
40582	250 ml	40 g	6

**JBL Spirulina****Special flakes for algae grazers in freshwater and saltwater**

- Premium Spirulina flakes with 40 % protein-rich spirulina algae (*Spirulina platensis*).
- *Spirulina platensis* has a protein content of over 65 %!
- Special features: Ensures perfect acceptance with finely ground whole shrimp (6 %)!.
- Garlic (1 %) promotes the health of the fish.

Art. no.	Content	Weight	UP
30004	100 ml	16 g	6
30001	250 ml	40 g	6
30002	1000 ml	160 g	3
30003	5500 ml	950 g	1

**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	UP
40600	100 ml	58 g	6
40620	250 ml	160 g	6

**JBL Korall Fluid****Plankton in liquid form for invertebrates and fish fry**

- Phyto- and zooplankton in suspension.
- Essential amino acids ensure healthy growth.
- Multivitamin complexes promote resistance against diseases and enhanced colouring.

Art. no.	Content	UP
31000	100 ml	6
31003	500 ml	3





JBL CalciuMarin

Calcium, strontium and carbonate hardness supplement

- Supplies biologically-accessible calcium, strontium and hydrogencarbonate in balanced proportions.
- Contains 2 components, which react after application to calciumhydrogencarbonate, sodiumchloride and strontium complexes.
- Contains no unwanted ions which normally enrich through regular application in water.

Art. no.	Content	UP
24910	500 g	3



JBL MagnesiumMarin

Magnesium supplement for marine aquariums

- Indispensable for the care of corals and calcareous red algae.
- Content can be monitored with the JBL Test Set Ca/Mg.
- 50 ml increase the Mg level in 50 l by 50 mg/l.

Art. no.	Content	UP
24911	500 ml	1
24912	5000 ml	1



JBL TraceMarin 1

Strontium supplement for marine aquariums

- With barium and cobalt.
- For the professional care of reef aquariums.
- Optimum effectiveness when used in combination with JBL TraceMarin 2 and 3.

Art. no.	Content	Range	UP
24914	500 ml	7000 l	1
24934	5000 ml	70000 l	1



JBL TraceMarin 2

Iodine supplement for marine aquariums

- With fluoride, boron and chromium.
- For the professional care of reef aquariums.
- Optimum effectiveness when used in combination with JBL TraceMarin 1 and 3.

Art. no.	Content	Range	UP
24915	500 ml	7000 l	1
24935	5000 ml	70000 l	1



JBL TraceMarin 3

Trace element supplement for marine aquariums

- 16 trace elements: manganese, zinc, iron, nickel, molybdenum, vanadium, rubidium etc.
- For the professional care of reef aquariums.
- Optimum effectiveness when used in combination with JBL TraceMarin 1 and 2.

Art. no.	Content	Range	UP
24916	500 ml	7000 l	1
24936	5000 ml	70000 l	1





JBL ProFlora pH Control

High-End CO₂/pH computer with 15 functions

- Controls CO₂ supply (integral solenoid valve) keeping levels constant for perfect plant growth.
- Automatically calculates optimum pH level for specific KH.
- Indicates: Water temp., alarm for pH and temp., time to new calibration, electrode status, measuring accuracy, key lock.
- Without pH electrode, which should always be purchased brandnew.
- 110-240V - 50-60Hz

Art. no.		UP
63418		1



JBL ProFlora pH-probe
Sturdy, laboratory-quality gel electrode.

- Fits most pH measurement and control devices.
- Required for JBL pH-Control (not included with the product).
- With BNC plug to fit many systems.
- Approx. 1 year service life.

Art. no.		UP
63414		1



JBL TopClean II
2nd generation of the surface skimmer for aquariums

- Optimized floating body (more buoyancy, stronger comb, new interior form) and removable adjustment spindle. Effective prevention of scum formation (white layer on water surface). Ensures a clean water surface automatically and a higher concentration of oxygen in freshwater and seawater as a result. Only needs to be connected to the suction hose of the external filter.

Art. no.	For	UP
60196	60-600 l	2



JBL ProFlow u1100
Universal pump for pumping water at 1200 l/h

- Applicable inside and outside of aquariums and terrariums.
- Stainless steel pin for fresh and salt water.
- High performance with only 12 W energy consumption.
- Maximal pumping head: 1.30 m.
- Hose connection inlet: 19/25, outlet 16/22.
- Four reliable suction holders for fastening.
- Dimensions: (L x W x H) 79.1 x 45.5 x 82.5 mm.

Art. no.	Performance	Watt	UP
60584	1200 l/h	12 W	1



JBL ProFlow u2000
Universal pump for pumping water at 2000 l/h

- Applicable inside and outside of aquariums and terrariums.
- Stainless steel pin for fresh and salt water.
- High performance with only 35 W energy consumption.
- Maximal pumping head: 2.00 m.
- Hose connection inlet: 27/35, outlet 19/25.
- Four reliable suction holders for fastening.
- Dimensions: (L x W x H) 107 x 54 x 96 mm.

Art. no.	Performance	Watt	UP
60585	2000 l/h	35 W	1



JBL ProSilent Ceramic
Air stone made of ceramic

- Ceramic material produces extra fine air bubbles.
- Long life.
- For fresh water and salt water.

Art. no.	Size	Length	UP
61480	55 mm	S	6
61481	105 mm	M	6
61482	155 mm	L	6



JBL Aeras Marin
Wood airstone for saltwater

- Constant air supply.
- Very fine air bubbles.
- Increases the efficiency of protein skimmers
- 2 sizes

Art. no.	Length	Size	UP
61483	45 mm	S	6
61484	65 mm	M	6





JBL Calcium Test Set Ca
(Recommended level in saltwater: 400-440 mg/l calcium)

- Recommended value in saltwater aquariums: about 400-440 mg/l. Professional test to precisely determine the calcium level in all salt water aquariums.
- Insufficient levels of calcium affect the growth of corals. The test shows the calcium value in graduations of 20 mg.

Art. no.

25400
25401

Reagent

UP

3
1



JBL Magnesium/Calcium Test
(Recommended level in marine aquariums:
Approx.: 400 - 440 mg/l, Mg: 1200 - 1400 mg/l)

- Suggested value in saltwater aquariums:
- Ca: 400-440 mg/l, Mg: 1200-1400 mg/l
- First the magnesium level is determined, including calcium. Then the calcium is measured and subtracted from the total value.
- The set includes both tests (Ca-Test + Mg-Test).
- Insufficient levels of and magnesium affect the growth of corals and stunt the growth of the attractive red calciferous algae.

Art. no.

25402
25403

Reagent

UP

3
1



JBL Silicate Test SiO₂
Silicate (silicic acid) Test

- Identifies the cause of diatoms which grow when levels of silicic acid (silicates) increase.
- Range of values: < 0.1; 0.2; 0.4; 0.8; 1.2; 1.6; 2.0; 3;0; > 6.0 mg/l.
- Treatment is possible with JBL Siliikat Ex.
- Developed for freshwater and saltwater.

Art. no.

Content For

25353
25354

50 tests
Reagent

UP

3
1



JBL Testlab Marin
Professional test kit for accurate marine water analysis

- Set of eleven different tests: pH 7.4-9.0; KH (2x); Ca; Mg; Cu; NH₄; NO₂; NO₃; PO₄; SiO₂; O₂.
- Waterproof plastic case containing 6 glass cuvettes, two syringes, thermometer, ballpoint pen, analysis logs as well as comprehensive instructions.
- Laboratory comparator system takes an eventual self-colouring of water into account.

Art. no.

25503

Content For

New with oxygen test!
Nuevo con test oxygen

UP

1



JBL Precision hydrometer
Density measurement device for saltwater

- NEW: With improved stand on the measuring vessel. The octagonal stand is considerably more stable, stands more safely and is now screwed onto the vessel.
- Suitable for scientific purposes with reading accuracy of 0.0005 units!
- With integrated thermometer and temperature correction scale.
- Transport cylinder serves as practical measuring vessel.

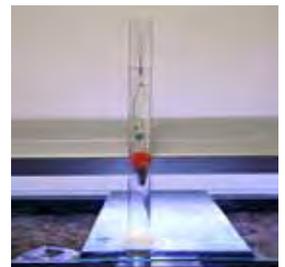
Art. no.

61408

Content For

UP

1



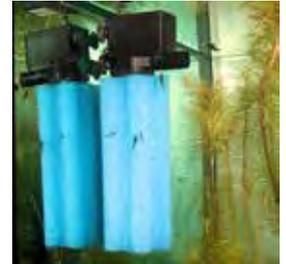


JBL ProFlow sf (u800,1100,2000)

Fast filter cartridge for JBL ProFlow u 800/1100/2000

- Converts every ProFlow u pump into a complete internal/fast filter (also suitable for other pumps).
- Mechanical and biological filtering with 35 ppi specialty foam. Large external surface (5 m²) thanks to a dedicated profile which enables long service life (flattened on one side for better positioning near the aquarium pane).

Art. no.			UP
60610			1



JBL Symec XL Filterwool
Coarse filter wool

- Green, high-quality filter wool, maintains its volume.
- Synthetic residue-free material.
- For freshwater and saltwater.

Art. no.	Content		UP
62325	250 g		20



JBL SintoMec
White intensive bio-filter rings

- High-quality sintered glass rings for intensive biological water clarifying.
- Internal hole diameter only 5 mm, resulting in thicker wall depth and providing more effective surface for bacteria which breakdown pollutants.
- 1 litre has 1200 m² effective surface, 5 times as much as conventional ceramic tubes.

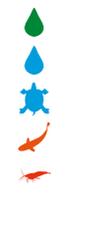
Art. no.	Content	Range	UP
62547	450 g	200 l	6



JBL Carbomec ultra carbon
Superactive carbon in pellet form for the saltwater aquarium

- Activated carbon specially designed for pH 8.0.
- 100 % phosphate-free.
- Absorbed materials are not released again.
- pH-neutral and neutral conductivity.
- Ready for immediate use with a net bag and clip.
- Also suitable for pH levels of about 8 in Malawi and Tanganyika aquariums.

Art. no.	Content	Range	UP
62355	400 g	200 l	6



JBL SilikatEx
A special filter material which eliminates silicic acid and phosphate

- Silicate (silicic acid, SiO₂) causes unattractive diatom algae in the aquarium.
- Mains water often contains levels of silicates which create problems with diatom algae.
- This filter material permanently absorbs silicate and phosphate, preventing the growth of diatom.

Art. no.	Content	Range	UP
62549	500 g	200-400 l	6



JBL BioNitrat EX
Biological filtermaterial for the removal of nitrates

- Removes the main nutrient of algae, nitrate, off the water. Operates exclusively through nitrate-eliminating bacteria, without the use of chemical additives or exchange products.
- Bacteria need no extra feeding, as substrate includes feed.
- Also suitable for use in saltwater in combination with the active carbon JBL Carbomec ultra as after-filter.

Art. no.	Content	Range	UP
62535	240 g	200 l	6



JBL PhosEX ultra
Filter mass for the removal of phosphates

- Phosphate in excess of 0.25 mg/l in freshwater, or 0.1 mg/l in saltwater, will give rise to algae-induced problems.
- 340 g of the products permanently absorbs 18,000 mg phosphates. Comprised of an insoluble iron compound which releases no toxins into the water.
- Effect measurable after only 24 hours.
- For fresh- and saltwater aquariums.

Art. no.	Content	Range	UP
62541	340 g	200 l	6



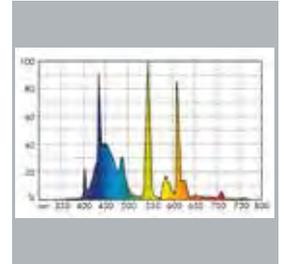


JBL SOLAR MARIN DAY T8

Daylight tube for marine tanks

- Cold-white spectrum with 15,000 K colour temperature, specially suited as lighting for marine aquariums.
- Particularly well suited for tanks with corals and other invertebrates.
- High light efficiency with good colour rendering properties.
- Colour temperature 15,000 K.
- CRI 88, 2000 lumens.

Art. no.	Performance	Length	UP
61600	15 W	438 mm	4
61601	18 W	590 mm	4
61602	25 W	742 mm	4
61603	30 W	895 mm	4
61604	36 W	1200 mm	4
61605	38 W	1047 mm	4
61606	58 W	1500 mm	4

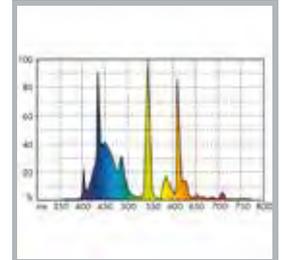


JBL SOLAR MARIN DAY ULTRA standard lengths

T5 daylight tube for marine tanks

- Cold-white spectrum featuring a colour temperature of 15,000 K.
- Particularly suited for reef aquariums with corals and other invertebrates.
- High light efficiency with very colour rendering characteristics.
- Colour temperature 15,000 K.
- CRI 90 +

Art. no.	Performance	Length	UP
61691	24 W	550 mm	4
61692	39 W	850 mm	4
61693	54 W	1150 mm	4
61694	80 W	1450 mm	4



JBL SOLAR MARINE DAY ULTRA special lengths

T5 daylight tube for marine tanks

- Spectrum and properties such as JBL SOLAR MARINE DAY ULTRA standard length.

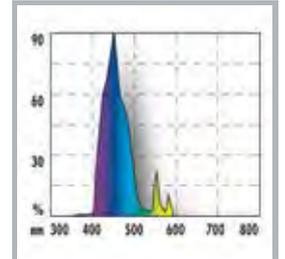
Art. no.	Performance	Length	UP
61771	24 W	438 mm	4
61772	28 W	590 mm	4
61773	35 W	742 mm	4
61774	45 W	895 mm	4
61775	54 W	1047 mm	4
61776	54 W	1200 mm	4



JBL SOLAR OCEAN BLUE ULTRA Blue actinic T5 special fluorescent tube (standard lengths)

- Facilitates coral growth by enhancing the blue range in the spectrum (so-called actinic radiation) preferred by zooxanthellae.
- Displays and facilitates the beautiful fluorescence effects in corals.
- In combination with JBL SOLAR MARIN DAY this is the perfect illumination for salt water aquariums.
- Long life and reliable functioning.

Art. no.	Performance	Length	UP
61881	24 W	550 mm	4
61884	39 W	850 mm	4
61887	54 W	1150 mm	4
61889	80 W	1450 mm	4



JBL SOLAR OCEAN BLUE ULTRA Blue actinic T5 special fluorescent tube (special lengths)

- Spectrum and properties such as JBL SOLAR OCEAN BLUE ULTRA standard length.

Art. no.	Performance	Length	UP
61880	24 W	438 mm	4
61882	28 W	590 mm	4
61883	35 W	742 mm	4
61885	45 W	895 mm	4
61886	54 W	1047 mm	4
61888	54 W	1200 mm	4



Food > Turtles/Terrapins > main food



JBL Turtle Food

Main food for water turtles, incl. pond turtles

- Now with food sticks containing fish!
- Balanced mixture of dried crustaceans, insects and sticks.
- Main food for all turtles, incl. pond turtles, in temperate zones.
- Supplementary food for tropical pond turtles, birds and other carnivorous terrarium animals.
- No water pollution thanks to elaborate cleaning.

Art. no.	Content	Weight	UP
70362	100 ml	11 g	12
70363	250 ml	30 g	12
70364	1000 ml	120 g	6
70365	2500 ml	300 g	1



JBL Agil

Food sticks for turtles

- Main food for turtles, incl. pond turtles.
- Floating food sticks.
- Rich in fish and shrimp proteins, resulting in excellent acceptance.
- Should only be given to tortoises as an occasional treat.
- Contains lysine to promote healthy bone growth.
- Multivitamin complex and stabilized vitamin C increase resistance to disease.

Art. no.	Content	Weight	UP
70342	250 ml	100 g	12
70343	1000 ml	400 g	6
70344	2500 ml	1000 g	1
70345	12,5 l	5000 g	1



Food > Turtles/Terrapins > Complement



JBL Gammarus

Clean gammarus crustaceans

- Treats for turtles.
- Very popular supplementary food for pond turtles.
- Elaborately pre-sifted and cleaned Gammarus.
- Float on the water surface.

Art. no.	Content	Weight	UP
70322	250 ml	25 g	12
70323	1000 ml	110 g	6



JBL Gammarus Refill pack

For the 1000 ml tin

- Environmentally friendly packaging, which can be inserted into the JBL Gammarus 1000 ml container.
- Price advantage through a refill pack that saves on raw materials.
- Freshness sealed.
- Contents identical to JBL Gammarus.

Art. no.	Content	Weight	UP
70326	750 ml	80 g	12



JBL Energil

Whole fish and shrimps, in natural state.

- For turtles, incl. pond turtles.
- Natural state, whole fish and crustaceans.
- Special treat for medium to large-sized turtles, incl. pond turtles.
- Promotes natural preying instincts and encourages movement. Floats on the water surface.

Art. no.	Content	Weight	UP
70313	1000 ml	150 g	6
70314	2500 ml	430 g	1



JBL Tortil

Food tablets for turtles

- Add variety to your animals' diet.
- Rich in protein from fish and shrimp.
- Multivitamin complex and stabilized vitamin C increase resistance to disease.
- Also perfectly suitable for pond turtles.
- Sink in water.

Art. no.	Content	Weight	UP
70301	100 ml	60 g	6



JBL Calcil

Mineral food sticks for turtles

- Food supplement for turtles, incl. pond turtles.
- With minerals to promote healthy growth of the shell.
- Rich in protein from fish and shrimp.
- Should only be given to tortoises as an occasional treat.
- Multivitamin complex and stabilized vitamin C increase resistance to disease.

Art. no.	Content	Weight	UP
70292	250 ml	95 g	6



Food > Turtles/Terrapins > Breeding



JBL ProBaby
Special food for young turtles

- Sifted and cleaned mixture of small freshwater shrimp and insects.
- With a multivitamin complex for resistance to disease and calcium for healthy shell growth.
- Float on the water.

Art. no.	Content	Weight	UP
70360	100 ml	13 g	6



JBL Rugil
Food sticks for small turtles

- With 20% wheat germ and proteins from fish and shrimp.
- Excellent acceptance and healthy growth as a result.
- Multivitamin complex and stabilized vitamin C increase resistance to disease.
- Float on the water.
- Also ideally suited for young pond turtles.

Art. no.	Content	Weight	UP
70351	100 ml	37 g	6



Food > Tortoises > Main food



JBL Herbil
Organic green food for tortoises

- The first main food for tortoises with a Bioland seal!
- Made of grass and herbs cultivated in accordance with the strict guidelines of the Bioland association.
- Top of the line product providing the perfect nutrition for all tortoises.
- Pellets with a diameter of 6 mm which all tortoises like to eat directly or after they have been soaked.

Art. no.	Content	Weight	UP
70452	250 ml	165 g	6
70453	1000 ml	700 g	3



JBL Agivert
Purely vegetable food sticks for tortoises

- Main food sticks for tortoises.
- For species-appropriate nutrition for all tortoise species.
- Healthy growth without shell problems through the use of purely plant ingredients.
- Multivitamin complex and stabilised vitamin C increase resistance to disease.

Art. no.	Content	Weight	UP
70331	100 ml	43 g	6
70332	250 ml	105 g	6
70333	1000 ml	420 g	6



Food > Reptiles > Main food



JBL Iguvert
Complete food for iguanas and other plant-eating reptiles

- High quality food sticks for herbivorous reptiles.
- With natural fruit aroma for high acceptance.
- With stabilized vitamin C for increased resistance.
- Purely plant ingredients to meet nutritional needs.

Art. no.	Content	Weight	UP
70282	250 ml	105 g	6
70283	1000 ml	420 g	6



Preview JBL Expedition Venezuela 2016





The right food for your turtles and tortoises

European tortoises



Testudo hermanni boettgeri



Testudo marginata



Testudo greaca iberia



Testudo hermanni hermanni

Staple food



- JBL Herbil**
- Organic green food with Bioland seal
 - Pure vegetable food pellets
 - Healthy growth without shell problems



- JBL Agivert**
- Pure vegetable food sticks
 - Healthy growth without shell problems
 - Multivitamin complex and stabilised Vitamin C for increased resistance

Supplement to staple food:
Salad (not lettuce), dandelion, wild herbs, clover, chickweed

Care products

Substrate

JBL TerraBasis
Mixed 50 : 50 with
JBL TerraBark 5-10



Health care

JBL Tortoise Shine - shell care, combats parasites
JBL Tortoise Sun Terra - multivitamin preparation
JBL MicroCalcium - ideal calcium supply
JBL Biotopol T - drinking water conditioner for terrarium animals



- Cucumber
- Apple
- Zucchini
- Carrot
- Melon

- Not suitable:
- Tomato
 - Banana
 - Citrus fruit
 - Food containing meat

Tropical tortoises – Rainforest



Geochelone carbonaria



Geochelone denticulata

Staple food



- JBL Herbil**
- Organic green food with Bioland seal
 - Pure vegetable food pellets
 - Healthy growth without shell problems



- JBL Agivert**
- Pure vegetable food sticks
 - Healthy growth without shell problems
 - Multivitamin complex and stabilised Vitamin C for increased resistance

Supplement:
Fruit, bananas, green plants, wild herbs

Not suitable: Citrus fruit, food containing meat

Care products

Substrate

JBL TerraBasis
Mixed 30 : 70 with
JBL TerraBark 10-25



Health care

JBL Tortoise Shine - shell care, combats parasites
JBL Tortoise Sun Terra - multivitamin preparation
JBL MicroCalcium - ideal calcium supply
JBL Biotopol T - drinking water conditioner for terrarium animals



Tropical tortoises – Arid regions



*Geochelone
pardalis
babcocki*



*Geochelone
elegans*



*Geochelone
sulcata*



*Geochelone
radiata*

Staple food



- JBL Herbil**
- Organic green food with Bioland seal
 - Pure vegetable food pellets
 - Healthy growth without shell problems



- JBL Agivert**
- Pure vegetable food sticks
 - Healthy growth without shell problems
 - Multivitamin complex and stabilised Vitamin C for increased resistance

Supplement:
Hay, rucicola, wild herbs, apples, pears

Not suitable: Citrus fruit, food containing meat

Care products

Substrate

JBL TerraBasis
Mixed 20 : 80 with
JBL TerraSand



Health care

JBL Tortoise Shine - shell care, combats parasites
JBL Tortoise Sun Terra - multivitamin preparation
JBL MicroCalcium - ideal calcium supply
JBL Biotopol T - drinking water conditioner for terrarium animals



Turtles (swamp areas)



Emys orbicularis



Terapene major



Mauremys japonica



Terapene carolina

Staple food



JBL ProBaby
Special food for young turtles



JBL Rugil
Food sticks for small turtles



JBL Turtle Food
Staple food for all turtles



JBL Gammarus
Washed water fleas, staple food for all turtles

Supplementary food



JBL Tortil
Food tablets for turtles



JBL Energil
Treats containing fish and shrimp



JBL Calcil
Mineral food sticks for tortoises



JBL Agil
Food sticks for tortoises

- Rain worms
- Red mosquito larvae (JBL NovoFil)
- Tubifex (JBL NovoFex)
- Fish
- Slug and shellfish meat
- Mosquito larvae and tubifex as frozen food
- Baby mice
- Sweet fruit

Care products

Equipment

Ratio land 25 % & water 75 %
Coarse gravel, wood roots (mangroves), sepi shells
Strong filter, heater

Health care

JBL Tortoise Sun Aqua - multivitamin preparation
JBL Easy Turtle - removes unpleasant odours in turtle terrariums
JBL Biotopol T - drinking water conditioner for terrarium animals



Tropical turtles (swamp areas)



Rhinoclemmys pulcherrima



Rhinoclemmys punctularia



Heosemys grandis



Cuora flavomarginata

Staple food

- Fruit (except citrus fruit)
- Slugs
- Baby mice
- Rain worms
- Fish

Supplementary food



JBL Gammarus
Washed water fleas, staple food for turtles



JBL Energil
Treats containing fish and shrimp



JBL Turtle Food
Staple food for all turtles



JBL Rugil
Food sticks for small turtles

Care products

Substrate

JBL TerraCoco mixed 20 : 80 with JBL TerraBark 10-20
Ratio land 90 % & water 10 %



Health care

JBL Tortoise Shine - shell care, combats parasites
JBL Tortoise Sun Terra - multivitamin preparation
JBL Biotopol T - drinking water conditioner for terrarium animals
Sepia shells



Turtles



Sternotherus carinatus



Platemys platycephala



Pseudemys concinna



Chinemys reevesi

Staple food



JBL ProBaby
Special food for young turtles



JBL Rugil
Food sticks for small turtles



JBL Turtle Food
Staple food for all turtles



Washed water fleas, staple food for turtles



JBL Agil
Food sticks for tortoises

Supplementary food



JBL Tortil
Food tablets for turtles



JBL Energil
Treats containing fish and shrimp



JBL Calcil
Mineral food sticks for tortoises

- Rain worms
- Fish
- Slug and shellfish meat
- Red mosquito larvae (JBL NovoFil)
- Tubifex (JBL NovoFex)
- Live flea shrimp

Care products

Equipment

Ratio land 25 % & water 75 %
Coarse gravel, wood roots (mangroves), sepi shells
Strong filter, heater

Health care

JBL Tortoise Sun Aqua - multivitamin preparation
JBL Easy Turtle - removes unpleasant odours in turtle terrariums
JBL Biotopol T - drinking water conditioner for terrarium animals





JBL Turtle Sun Aqua
Multivitamin preparation for turtles

- Promotes the health of turtles.
- Increases resistance to disease.
- Protects against vitamin deficiency diseases.
- Specially formulated to meet the needs of turtles.

Art. no.	Content	UP
70441	10 ml	6



JBL Tortoise Sun Terra
Multivitamin preparation for tortoises

- Promotes the health of tortoises.
- Increases resistance to disease.
- Protects against vitamin deficiency diseases.
- Specially formulated to meet the needs of tortoises.

Art. no.	Content	UP
70442	10 ml	6



JBL TerraVit Powder
Multivitamins and trace elements in powder form for terrarium animals

- Specially designed to meet the needs of reptiles and other terrarium animals.
- Ideally suited to add vitamins to live feeder insects.

Art. no.	Content	UP
71029	100 g	6



JBL TerraVit fluid
Liquid multivitamin for terrarium animals

- Specially designed for use in drinking water, bath container or food, where powder is not suitable.
- Designed to meet the needs of terrarium animals.
- Emulsion with lecithin basis.

Art. no.	Content	UP
71032	50 ml	6



JBL MicroCalcium
Calcium powder to sprinkle on feeder insects

- Pure microfine calcium < 3 µ size. This increases static adherence.
- Upgrades all feeder animals.
- Fast adsorption through microfine particles with large surface. Guarantees excellent calcium supply for all reptiles.

Art. no.	Content	UP
71033	100 g	6



JBL TerraCrick
Food for crickets and other feeder insects

- Improves the nutritional value of feeder animals.
- Supplies calcium, proteins, carbohydrates, vitamins etc.

Art. no.	Content	Weight	UP
70271	100 ml	60 g	6



JBL CrickBox
Shaker container to sprinkle powder on feeder insects

- Clean, simple and practical help in sprinkling feeder insects with mineral powders e.g. JBL MicroCalcium.
- 9 cm x 6 cm size cans.

Art. no.	Size	UP
71034	6 x 9 cm	6





JBL Biotopol T

Water conditioner for the terrarium

- Converts tapwater to physiologically suitable bathing and drinking water for reptiles and amphibians in terrariums.
- Immediately removes aggressive chlorine and chloramine.
- Quickly adsorbs toxic heavy metals.
- Precious plant extracts and vitamin B improve health. Promotes problem-free shedding of the skin.

Art. no.	Content	Range	UP
71001	50 ml	200 l	6



JBL Tortoise Shine

Cares for the shell.

- Highly effective against ticks!

Art. no.	Content	UP
70450	10 ml	6



JBL EasyTurtle

Removes unpleasant odors in turtle terrariums

- Bacteria cultured on special granulate quickly convert organic pollution to non-toxic ammonium.
- Produces odour-free and crystal-clear water.
- 25 g granulate are sufficient for about 50 litres.

Art. no.	Content	Range	UP
71036	25 g	50 l	6

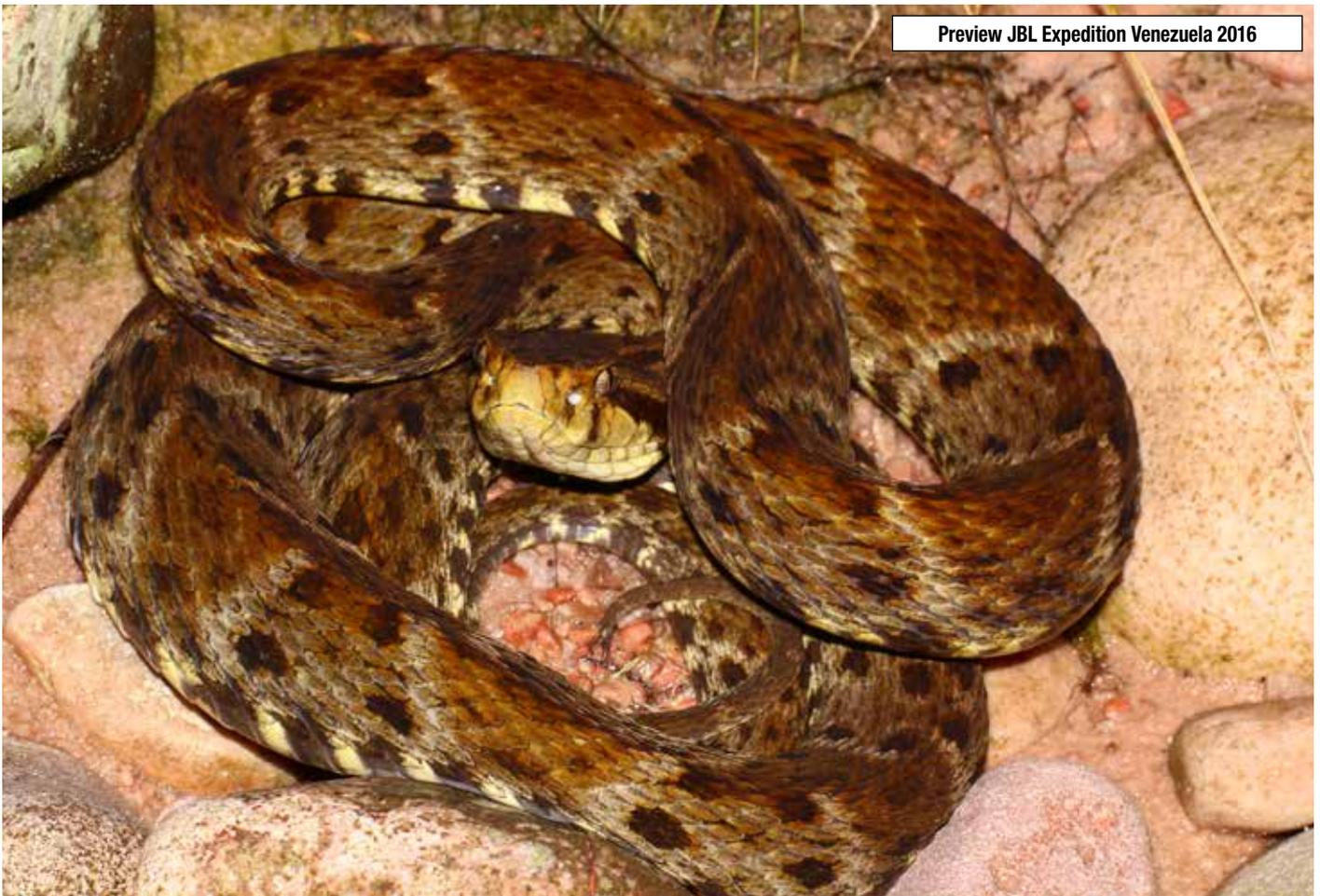


JBL TerraGel

Do-it-yourself water gel for terrarium animals

- A healthy and safe supply of drinking water for small reptiles, spiders etc. in the terrarium.
- No danger of drowning! Water in its safest form.
- Pure natural product from seaweed gelling agents!
- No unwanted chemical residues as from other commonly used polyacrylamide gels.
- Contents for max. 3 litre prepared gel.
- Gel consistency can be selected when mixing.

Art. no.	Content	UP
71005	30 g	6



Preview JBL Expedition Venezuela 2016

Technic > Light



JBL UV-Spot plus
Extra-strong UV spot lamp with daylight spectrum

- NEW SIZE: 80 W
- New design: UV spotlight with operating guarantee.
- Supplies all terrariums with UVA, UVB, heat and daylight.
- 38 % UVA , 7 % UVB.
- Fits all E27 fittings.
- With an integrated thermostat against overheating.
- Does not produce any harmful UVC radiation.

Art. no.	Performance	Socket	UP
61834	80 W	E27	2
61838	100 W	E27	2
61839	160 W	E27	2



Technic > Light > Lighting



JBL ReptiSpot HaloDym
Halogen lamp for light (neodymium) + Heat

- A special radiating lamp made of neodymium glas with a balanced daylight spectrum. The neodymium glas enables an especially good and high-contrast color reproduction.
- Facilitates the growth of plants and the vitality of animals.
- Via the halogen technology energy consumption is reduced by 30% and the operating life doubled in comparison to conventional filament lamps. Reptiles can have a near natural heat regulation as a result of the possibility to "sunbathe" unter this lamp.

Art. no.	Performance	Socket	UP
61866	28 W	E27	3
61867	42 W	E27	3
61868	70 W	E27	2



JBL ReptiDay
Halogen Spotlight for the terrarium

- Daylight full spectrum 2900 K.
- Produces areas of warmth and light at the same time.
- Reptiles associate light with heat and therefore specifically seek out this light source to sunbathe.
- 15% more light and double the life compared to conventional spotlights.
- Does not increase the temperature of the surroundings as much as conventional spotlights with the same wattage.

Art. no.	Performance	Socket	UP
61841	35 W	E27	6
61842	50 W	E27	6
61843	75 W	E27	4
61844	100 W	E27	4



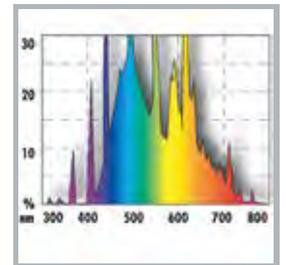
Technic > Light > Solar Light tubes T8



JBL SOLAR REPTIL JUNGLE
Special terrarium fluorescent tube for rainforest reptiles

- For all terrarium animals which are only exposed to low UV radiation due to their way of life (e.g. rain forest/twilight).
- Low UV-B proportion of 0.5 %.
- Low UV-A proportion of 2.0 %.
- Life span at least 1 year.
- Spectrum reproduces the range of light which rainforest dwellers have in their natural environment.

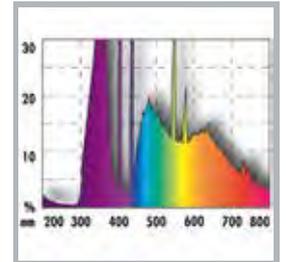
Art. no.	Performance	Length	UP
61590	15 W	438 mm	4
61591	18 W	590 mm	4
61592	25 W	742 mm	4
61593	30 W	895 mm	4
61594	36 W	1200 mm	4
61595	38 W	1047 mm	4



JBL SOLAR REPTIL SUN
Special terrarium fluorescent tubes for desert animals

- High UV-B concentration (8 %) to meet the needs of dwellers and other animal species which receive full sunlight in their natural habitat.
- UV-A concentration 36 %.
- Min. 1 year life.
- Spectrum reproduces the range of light which animals naturally have in a habitat exposed to a lot of direct sunlight.

Art. no.	Performance	Length	UP
61650	15 W	438 mm	4
61651	18 W	590 mm	4
61652	25 W	742 mm	4
61653	30 W	895 mm	4
61654	36 W	1200 mm	4
61655	38 W	1047 mm	4



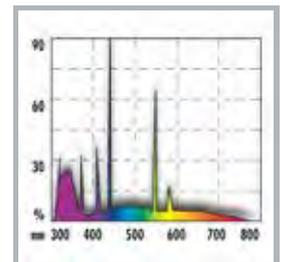
Technic > Light > SOLAR light tubes T5



JBL SOLAR REPTIL SUN ULTRA
standard lengths
T5 fluorescent tube for desert animals

- High share of UVB (12 %) to meet the specific needs of desert animals and other species that receive full sunlight in their natural habitat.
- UVA share of 63 % with a life expectancy of at least one year. Sunlight equivalent full spectrum with a high UVA and B share.

Art. no.	Performance	Length	UP
61597	24 W	550 mm	4
61598	39 W	850 mm	4
61599	54 W	1150 mm	4





JBL ReptilDesert

Energy-saving lamp for desert terrariums

- Available in two different versions: JBL ReptilDesert UV 300 = 10.0 (300 µW/cm² at 5 cm distance, 220 µW/cm² = natural in 7.5 cm), 15 W, 6500 K, high UV-A and UV-B concentration.
- JBL ReptilDesert UV 480 = 10.0 (480 µW/cm² at 5 cm distance, 200 µW/cm² = natural in 10 cm), 23 W, 6500 K, very high UV-A and UV-B concentration.

Art. no.	Performance	Socket	UP
61851	15 W	E27	3
61852	23 W	E27	3



JBL ReptilDesert Daylight

Energy-saving lamp without UV for desert terrariums

- Energy-saving lamp without UV concentration for animals that do not tolerate UV light or which have another reliable UV supply.
- Full spectrum daylight lamp with 24 W.
- 6500 °K colour temperature.
- With an E27 socket.

Art. no.	Performance	Socket	UP
61850	24 W	E27	3



JBL ReptilJungle

Energy-saving lamp for rainforest terrariums

- Available in two different versions: JBL ReptilJungle UV 190 = 5.0 (190 µW/cm² at a 5 cm distance, 20 µW/cm² = natural in 20 cm), 15 W, 6500 K, medium UV-A and UV-B concentration.
- JBL ReptilJungle UV 310 = 5.0 (310 µW/cm² at a 5 cm distance, 20 µW/cm² = natural in 30 cm), 23 W, 6500 K, medium UV-A and UV-B concentration.

Art. no.	Performance	Socket	UP
61856	15 W	E27	3
61857	23 W	E27	3



JBL ReptilJungle Daylight

Energy-saving lamp without UV for rainforest terrariums

- Energy-saving lamp with negligible UV concentration for animals that do not tolerate UV light or which have another reliable UV supply.
- Full spectrum daylight lamp with 24 W.
- 4000 °K colour temperature.
- With an E27 socket.

Art. no.	Performance	Socket	UP
61855	24 W	E27	3





JBL ReptilDesert L-U-W Light
LUW sun lamp for desert terrariums

- The all-in-one solution: Provides light + UV + warmth for desert terrariums.
- All-day lighting with 6000 K for 10 - 12 h daily.
- Full-spectrum light with a colour reproduction index (CRI) of 98.
- Requires a special electronic ballast (e.g. JBL TempSet LUW) depending on the wattage.

Art. no.	Watt	Voltage	UP
61871	35 W	230 V	2
61872	70 W	230 V	2



JBL ReptilJungle L-U-W Light
LUW solar light for rainforest terrariums

- The all-in-one solution: Provides light + UV + warmth for forest terrariums.
- All-day lighting with 4000 K for 10 - 12 h daily.
- Full-spectrum light with a colour reproduction index (CRI) of 98.
- Requires a special electronic ballast (e.g. JBL TempSet LUW) depending on the wattage.

Art. no.	Watt	Voltage	UP
61876	35 W	230 V	2
61877	70 W	230 V	2



JBL ReptilDesert L-U-W Light alu
LUW solar light (spot light) made of aluminium for rainforest terrariums

- The complete solution: Supplies L(ight) + U(V) + W(armth) for desert terrarium with 25 ° spot beam.
- All-day lighting with 5000 K for 10-12 h per day.
- Full-spectrum light with a colour reproduction index (CRI) of 90. With aluminium lamp body, designed for a better heat dissipation and thus more performance.
- A special ballast (JBL TempSet LUW) is needed for each wattage.

Art. no.			UP
61890			2
61891			2
61892			2



JBL ReptilJungle L-U-W Light alu
Aluminium LUW wide-beam spotlight for rainforest terrariums

- The complete solution: Supplies L(ight) + U(V) + W(armth) for rainforest terrariums with 40 ° wide-beam spotlight.
- All-day lighting with 5000 K for 8 – 10 h per day.
- Full spectrum light with a colour reproduction index (CRI) of 90. With aluminium lamp body, designed for a better heat dissipation and thus more performance.
- A special ballast (JBL TempSet LUW) is needed for each wattage.

Art. no.			UP
61894			2
61895			2
61896			2



JBL TempSet Unit L-U-W
Installation kit for metal-halide lamps

- Pre-assembled for the safe operation of all metal-halide lamps (e.g. JBL Reptil Desert LUW and JBL Reptil Jungle LUW).
- Quick release in the ignition cable just needs a 20 mm small hole to be put through.
- Joint at the lamp socket enables a freely selectable lamp angle till 180°.
- Guaranteed safety thanks to a quality ballast with automatic shut-off in case of problems.

Art. no.	For		UP
61878	35 W		1
61875	50 W		1
61879	70 W		1



JBL TempProtect light
Reptile thermal burn protection for JBL TempSets

- For UV spots, metal-halide lamps and others.
- Can be easily affixed to any JBL TempSet at a later date since the socket does not need to be dismantled.
- The screen is made of stable, heat-resistant special plastic with narrow slits and mesh made of stainless steel.
- Prevents overheating and consequently a shortened life expectancy of the lamp.

Art. no.	Size	Size	UP
71186	100 mm	M	2
71187	130 mm	L	2



JBL TempReflect light
Reflector screen for energy-efficient lamps

- 100 % duplication of light as a result of the high gloss reflector.
- Suitable for JBL TempSets and energy-saving lamps of up to 30 W.
- Can be easily mounted by clipping to the JBL TempSet.
- NOT suitable for use with lamps that get very hot and radiant heaters.
- Essential for increasing the depth of penetration and control of the essential UV-B light with energy-efficient lamps emitting UV-B.

Art. no.			UP
	up to		2
71189	30 W		2



The right light for your terrarium

Light with UV for tropical forest animals

(tropical rain forest, dry forest & swamp areas)



Many forest animals receive a relatively large amount of UV light due to the way they live e.g. in the treetops or on the river bank. Experts recommend:

Advantage: Heat can be controlled to suit individual needs e.g. at a specific place by a spot lamp.

JBL SOLAR Reptil Jungle



Fluorescent tube containing UV

- Advantages:
- Even illumination
 - Bright
 - Moderate energy consumption

Light	Heat	UV-B
+	-	+

Permanent lighting with no heat emission: bright, promotes plant growth

JBL Reptil Jungle UV 190 / UV 310



Energy-saving lamps with a high UV concentration

- Advantages:
- Bright
 - Low energy consumption
 - UV 190 (small tropical terrariums): ideal for a distance of 20 cm
 - UV 310 (large tropical terrariums): ideal for a distance of 30 cm

Light	Heat	UV-B
+	-	++

Permanent lighting with heat emission: bright, promotes plant growth (contains UV)

JBL Reptil Jungle L-U-W Light alu



Aluminium LUW wide-beam spotlight

- Advantages:
- Very bright
 - Good source of heat
 - 35W, 4000K (small tropical terrariums): ideal for a distance of 30 – 60 cm
 - 70W, 4000K (large tropical terrariums): ideal for a distance of 40 - 80 cm

Light	Heat	UV-B
++	++	++

JBL SOLAR UV-Spot plus



UV spot lamp with daylight spectrum

- Advantages:
- Very bright
 - High UV
 - Good source of heat

Light	Heat	UV-B
+	++	++

Light without UV for tropical forest animals

(tropical rain forest & dry forest)



Some tropical forest animals live on the ground or in the shade and need no UV light. Sometimes it can even be harmful to such species. Experts recommend:

Permanent lighting with no heat emission: bright, promotes plant growth

JBL Reptil Jungle Daylight



Energy-saving lamp with no UV

- Advantages:
- Bright
 - Low energy consumption

Light	Heat	UV-B
++	-	-

JBL SOLAR Natur/ Tropic



Fluorescent tubes without UV

- Advantages:
- Even illumination
 - Bright
 - Moderate energy consumption

Light	Heat	UV-B
+	-	-

Permanent lighting with heat emission: bright, promotes plant growth

JBL Reptil Day



Halogen spot lamp without UV, 2900K

- Advantages:
- Bright
 - Low energy consumption
 - Dimmable

Light	Heat	UV-B
++	++	-

JBL Reptil Spot HaloDym



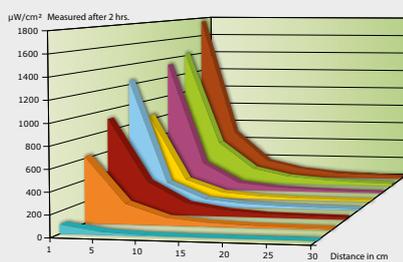
Special lamp made of neodymium glas, 2700 K, UV-A percentage

- Advantages:
- Even illumination
 - Bright
 - Moderate energy consumption

Light	Heat	UV-A
++	++	+

Comparison of JBL Reptil Jungle/Desert UV energy-saving lamps with competitor products

The JBL lamps achieve the best UV-output in comparison.



Reptil Desert UV 480 (35 W, 4000 K)

Reptil Jungle UV 310 (70 W, 4000 K)

- JBL Reptil Jungle UV 310 23 W
- ZM Repti Sun 10.0
- ZM Repti Sun 5.0
- Drg 6.0
- Hg ReptiGlo 10.0
- Hg ReptiGlo 5.0
- Hg ReptiGlo 2.0

Overview of JBL terrarium lights

++ high + medium - zero

JBL Product	Type of lamp	Light	UV-A	UV-B	Heat
JBL Reptil Jungle Daylight	Energy-saving lamp	++	-	-	-
JBL Reptil Jungle UV 190	Energy-saving lamp	+	++	++	-
JBL Reptil Jungle UV 310	Energy-saving lamp	+	++	++	-
JBL Reptil Desert Daylight	Energy-saving lamp	++	-	-	-
JBL Reptil Desert UV 300	Energy-saving lamp	+	++	++	-
JBL Reptil Desert UV 480	Energy-saving lamp	+	++	++	-
JBL SOLAR UV-Spot plus	UV-Spot lamp	+	++	++	++
JBL Reptil Jungle L-U-W Light	Metal halide lamp	++	++	++	++
JBL Reptil Desert L-U-W Light	Metal halide lamp	++	++	++	++
JBL Reptil Day	Halogen lamp	++	-	-	++
JBL Reptil Spot HaloDym	Neodymium/Halogen lamp	++	+	-	++
JBL SOLAR Reptil Sun	Fluorescent tube	+	++	++	-
JBL SOLAR Reptil Jungle	Fluorescent tube	+	+	+	-

The right light for your terrarium

Light for animals that are active at dusk and at night



Tree frogs



Red-eyed treefrogs



Horned frogs



Leopard geckos



Bibron's geckos



House geckos



Boa constrictors



Mangrove tree snakes



Milk snakes



Green tree pythons



Tokay geckos



Centipedes



Thick tail scorpions

Many of these animals getting active, as soon as the UV radiation during the day decreased at dawn. During the day please illuminate light including UV (see: „light with UV“)



Dusk and night time lighting with no heat emission

JBL Reptil Jungle UV 190



Energy-saving lamp with no UV

- Advantages:
- Bright
 - Low energy consumption
 - UV suitable for a distance of 20 cm

Light + Heat - UV-B ++

JBL Reptil Jungle Daylight



Energy-saving lamp with no UV

- Advantages:
- Bright
 - Low energy consumption

Light ++ Heat - UV-B -

Dusk lighting with heat emission

JBL Reptil Day



Halogen spot lamp without UV, 2900K

- Advantages:
- Bright
 - Low energy consumption
 - Dimmable



Light ++ Heat ++ UV-B -

Light with UV for desert animals



Rock lizards



Collared lizards



Spiny-tailed iguanas



Monitor lizards



Tortoises



Leopard tortoises



Bearded dragons



Dab lizards



Rainbow lizards



Yellow-headed agamas



Fringed-neck lizards



Girdled lizards



Bedriaga's skinks

The advantage: Heat zones can be set up selectively so that the animals are also able to seek cooler areas!

In addition to needing large amounts of light and UV, diurnal animals from deserts and steppes often need warm spots as well, which they seek actively. As light is associated with heat, they automatically look for spots with radiation.

Permanent lighting with no heat emission: bright, promotes plant growth

JBL SOLAR Reptil Sun



Fluorescent tube containing UV

- Advantages:
- Even illumination
 - Bright
 - Moderate energy consumption

Light ++ Heat - UV-B ++

JBL Reptil Desert UV 300 / UV 480



Energy-saving lamps with a high UV concentration

- Advantages:
- Bright
 - Low energy consumption
- UV 300 (small desert terrariums): Ideal for a distance of 7.4 cm
- UV 480 (large desert terrariums): Ideal for a distance of 10 cm

Light + Heat - UV-B ++

Permanent lighting with heat emission: bright, promotes plant growth

JBL Reptil Desert L-U-W Light alu



Aluminium LUW wide-beam spotlight

- Advantages:
- Very bright
 - Good source of heat
- 35W, 6000K (small desert terrariums): ideal for a distance of 20 - 50 cm
- 70W, 6000K (large desert terrariums): ideal for a distance of 30 - 70 cm

Light ++ Heat ++ UV-B ++

JBL SOLAR UV-Spot plus



UV spot lamp with daylight spectrum

- Advantages:
- Very bright
 - High UV
 - Good source of heat

Light + Heat ++ UV-B ++

JBL Temp Set Our experts recommend the following products to ensure the safety of your installation, its reliable running and the correct maintenance conditions for your pet reptile.

• basic • angle • connect • angle+connect

JBL Temp Set Unit L-U-W



Installation kits: specifically designed for high temperature lamps such as ceramic lamps or spots. Easy to install. Comes with an E27 socket for lamps of up to 250 W

Installation kit:



For the safe operation of metal halide lamps in terrariums. Comes with an electronic control gear. For 35W or 70W

JBL Temp Protect light



Protective lamp reflector: Protects reptiles and their keepers from burns.

Easy to add, without dismantling the existing light fixture.

JBL Terra Control



Thermometer and hygrometer

2 separate instruments that reliably measure and display air humidity (0-100 %) and temperature (-30 to +60° C)

JBL Terra Control Solar



Solar-powered thermometer & hygrometer

Swivelling digital thermometer and hygrometer with an extremely powerful solar cell that requires very little light to function in all terrariums. Temperature range: 30 to +50 °C Humidity range: 20-99 %

Technic > Heater > spots, mats & rocks



JBL ReptilHeat
Ceramic heat lamp (dimmer lamp) for the terrarium

- Ideal heat radiation for terrarium animals.
- Can be fitted inside the terrarium.
- Requires special socket (see JBL TempSet).
- Radiant heaters do NOT emit visible light and should thus be equipped with heat protection (JBL TempSet Heat).

Art. no.	Performance	Socket	UP
71173	60 W	E27	1
71174	100 W	E27	1
71175	150 W	E27	1



JBL TerraTemp heatmat
Heating pad for terrariums

- Thermal radiation (infrared) for animals and plants.
- Self-adhesive for mounting on the outside of the terrarium. Especially robust due to an extra strong PET foil.
- Self-limiting PTF heating elements prevent overheating.
- Includes an additional "foil cover" to mask otherwise visible mounting, like at the side of the terrarium. Safety is guaranteed with three isolation layers and an electrical connection sealed with a special resin.

Art. no.	Performance	Size	UP
71147	8 W	280x180 mm	2
71148	15 W	280x350 mm	2
71149	25 W	280x600 mm	2



Technic > Heater > Accessoires



JBL TempSet Heat
Heat radiator for radiating lamp (socket with protective cage)

- Ready-to-be-mounted porcelain socket E27 with reflector, 2 m cable and protective screen and protective mesh especially for heat lamps (dimmer lamps such as JBL ReptilHeat).
- The screen is made of stable, heat-resistant special plastic with narrow slits; the mesh is made of stainless steel (more stable than aluminium).
- In accordance with DIN EN 60335-2-71.

Art. no.	up to	Socket	UP
71185	160 W	E27	2



Technic > Miscellaneous



JBL TempSet basic
Installation kit for lamps in terrariums

- Ready mounted for safe operation of energy-saving lamps, incandescent lamps, halogen spot lamps, neodymium spot lamps, UV spot lamps, (upright mounting only) and ceramic lamps. Heat-proof (270°C) high-tech material made of real space shuttle material. More safety in the terrarium is impossible. Easy to install for anyone. Complete with 1.5 m cable, retaining plate, screws and switch (pre-installed).

Art. no.	Socket	UP
71180	E 27	1



JBL TempSet angle
Jointed installation kit for lamps in terrariums

- Ready mounted for reliable and safe operation of energy-saving lamps, incandescent lamps, halogen spot lamps, neodymium spot lamps, UV spot lamps, (upright mounting only) and ceramic lamps.
- Heat-proof (270°C) high-tech material made of space shuttle material (really!).
- You won't find better safety in a terrarium.
- Easy installation for everybody.
- Complete with a 1.5 m cable, joint (up to 60 ° angle), retaining plate, screws and switch (pre-installed).

Art. no.	Socket	UP
71181	E 27	1



JBL TempSet connect
Installation kit with a connector for metal halide LUW lights in terrariums

- Ready mounted for energy-saving lamps, incandescent lamps, halogen spot lamps, neodymium spot lamps, UV spot lamps (upright mounting only) and ceramic lamps. Heat-proof high-tech material made of space shuttle material. A narrow WINSTA connector permits installation through a 2 cm hole.
- Complete with 1.5 m cable, retaining plate, screws and switch (pre-installed).

Art. no.	Socket	UP
71182	E 27	1



JBL TempSet angle+connect
Installation kit with a joint and connector for lamps in terrariums

- Ready mounted for the safe operation of energy-saving lamps, incandescent lamps, halogen spot lamps, neodymium spot lamps, UV spot lamps (upright mounting only) and ceramic lamps.
- Heat-proof (270°C) high-tech material made of space shuttle material (really!).
- A narrow WINSTA connector permits installation through a hole of 2 cm.

Art. no.	Socket	UP
71183	E 27	1





JBL CrickBox
 Shaker container to sprinkle powder on feeder insects

- Clean, simple and practical help in sprinkling feeder insects with mineral powders e.g. JBL MicroCalcium.
- 9 cm x 6 cm size cans.

Art. no.	Size	UP
71034	6 x 9 cm	6



JBL FeedingRock
 Dispensing stone for live feeder insects

- The natural and easy method of feeding crickets and other insects to reptiles.
- Is relaxing and fun!
- Simple and convenient.
- Encourages the natural hunting instinct of reptiles.
- No more escaped insects!
- JBL CrickBox and JBL MicroCalcium are not included.
- Size: approx. 13 x 11 x 12 cm made of neutral synthetic resin.

Art. no.	Size	UP
71037		1



JBL ReptilBar GREY
 Grey feeding/drinking/bathing bowl for terrarium animals

- Non-toxic UP resin (unsaturated polyester resin).
- Bowls available in 6 sizes:
- XS:6x4x1cm; S:9x7,5x1,5cm; M:13x11x3,5cm; L:16x14x5cm; XL:20x18x6cm; XXL:30x25x12cm (XXL ideal as bathing bowl). Dishwasher-proof to 65 °C.
- With „rescue ladder“ to prevent drowning of feed animals.
- Heavy-duty, stable design to prevent accidental knocking over.

Art. no.	Size	UP
71070	XS	6
71071	S	6
71072	M	4
71073	L	2
71074	XL	1
71075	XXL	1



JBL ReptilBar RED
 Reddish brown feeding/drinking/bathing bowl for terrarium animals

- Non-toxic UP resin (unsaturated polyester resin).
- Bowls available in 6 sizes:
- XS:6x4x1cm; S:9x7,5x1,5cm; M:13x11x3,5cm; L:16x14x5cm; XL:20x18x6cm; XXL:30x25x12cm (XXL ideal as bathing bowl). Dishwasher-proof to 65 °C.
- With „rescue ladder“ to prevent drowning of feed animals.
- Heavy-duty, stable design to prevent accidental knocking over.

Art. no.	Size	UP
71076	XS	6
71077	S	6
71078	M	4
71079	L	2
71080	XL	1
71081	XXL	1



JBL ReptilBar SAND
 Sand coloured feeding/drinking/bathing bowl for terrarium animals

- Non-toxic UP resin (unsaturated polyester resin).
- Bowls available in 6 sizes:
- XS:6x4x1cm; S:9x7,5x1,5cm; M:13x11x3,5cm; L:16x14x5cm; XL:20x18x6cm; XXL:30x25x12cm (XXL ideally suitable as bathing bowl).
- Dishwasher-proof to 65 °C.
- With „rescue ladder“ to prevent drowning of feed animals.
- Heavy-duty, stable design to prevent accidental knocking over.

Art. no.	Size	UP
71082	XS	6
71083	S	6
71084	M	4
71085	L	2
71086	XL	1
71087	XXL	1



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JBL TerraControl

Thermometer & Hygrometer

- Temperature scale: -30 to +60°C. The range between 20 and 35°C is marked as optimum.
- Air humidity values: 0 to 100 % in 10 % stages.

Art. no.

61517

UP

6



JBL TerraControl Solar

Solar-powered thermometer & hygrometer

- Swivelling, solar-powered digital thermometer and hygrometer for all terrariums.
- Power supplied by a powerful solar cell that requires extremely little light.
- Temperature range: -30 to +50 °C.
- Humidity range: 20 - 99 % relative humidity.
- Convenient mounting anywhere in the terrarium by double sided adhesive tape.
- Mounting plate that can be mounted on the left or right as desired.

Art. no.

71164

Length

95 mm

Height

65 mm

UP

6



JBL NoBang

Door stops for terrarium glass panes

- Prevents the glass splintering when the door is shut too hard.
- Suitable for all terrarium glass doors.
- Permanently elastic transparent plastic guarantees long use.
- Creates only the smallest gap of 1.7 mm, which no reptile can escape through.
- Suitable for doors closing vertically and horizontally.
- Pack content: 10 stops.

Art. no.

Content

UP



JBL TerraSafe

Keylock for terrarium panes

- For all panes up to 8 mm glass thickness.
- With two keys.

Art. no.

61516

UP

10



JBL Shiro

Magnetic terrarium lock without a key

- Ingenious design: Lock simply opens with a magnet so that no key is required!
- All of the "locks" can be opened with just one single magnet.
- The locking plates are magnetic and rust-free.
- Size of locking plate: 43 x 30 mm.
- Awarded Product of the Year 2011!

Art. no.

61518

For glass

6 mm

UP

6



JBL ShiRo Locking Plate

4 locking plates for JBL Shiro Magnetic Lock

- Set with 4 locking plates.
- Can be opened with the JBL Shiro Magnets.
- The locking plates are magnetic and rust-free.
- Size of locking plate: 43 x 30 mm.

Art. no.

61519

UP

6



Accessories > Cleaning



JBL Clean T
Glass cleaner for terrarium glass

- Cleans all terrarium glass naturally.
- Non-hazardous to terrarium animals.
- Dissolves lime-scale on terrarium glass.

Art. no.	Content	UP
71035	250 ml	6



JBL WishWash
Innovative aquarium cleaning cloth + sponge

- NEW: On one side of the packaging the version for aquariums is shown and on the other the version for terrariums.
- Removes algae and limescale (please use JBL Clean A/T !) from the inside of aquarium and terrarium glass (sponge).
- Cleans the outside of the glass panes thoroughly and easily (cloth).
- Soaks up removed dirt instead of merely spreading it in the water. Free of chemicals.

Art. no.	UP
61526	6



Accessories > Decoration/protection



JBL TerraPlanta Amaz.Philo
Plastic hanging plants for the terrarium

- Water-neutral plastic.
- Offers animals protection and climbing facilities.
- Simple to disinfect using JBL Desinfekt.

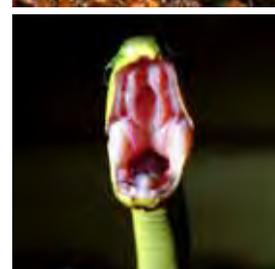
Art. no.	Length	Width	UP
68026	50 cm	17 cm	1



JBL TerraPlanta Cannabis
Plastic hanging plants for the terrarium

- Water-neutral plastic. Offers animals protection and climbing facilities.
- Simple to disinfect using JBL Desinfekt.;
- M = 68029
- L = 68030

Art. no.	Length	Width	UP
68029	50 cm	17 cm	1
68030	65 cm	17 cm	1



JBL TerraPlanta Casuarina
Plastic hanging plants for the terrarium

- Water-neutral plastic. Offers animals protection and climbing facilities.
- Simple to disinfect using JBL Desinfekt.

Art. no.	Length	Width	UP
68035	50 cm	17 cm	1



JBL TerraPlanta Congo Ivy
Plastic hanging plants for the terrarium

- Water-neutral plastic. Offers animals protection and climbing facilities.
- Simple to disinfect using JBL Desinfekt.
- S = 68010
- M = 68011

Art. no.	Length	Width	UP
68010	40 cm	17 cm	1
68011	50 cm	17 cm	1



JBL TerraPlanta Madag. Bamboo
Plastic hanging plants for the terrarium

- Water-neutral plastic. Offers protection and climbing facilities for animals.
- Simply to sterilize using JBL Desinfekt.
- S = 68037
- M = 68038
- L = 68039

Art. no.	Length	Width	UP
68037	40 cm	17 cm	1
68038	50 cm	17 cm	1
68039	65 cm	17 cm	1





JBL Cork Bark

Tunnel-shaped bark as decoration

- Suitable for the decoration of the back of the tank and to provide shelter.
- Bark can be weighted down to prevent floating.
- Initial brown discoloration of water disappears after partial water changes.

Art. no.		UP
67040	per Kg	1



NEW

JBL ReptilCava GREY

Grey cave for terrarium animals

- Available in three sizes:
- S:11 x 11,5 x 6,5 cm; M:16 x 13,5 x 10 cm; L:23 x 20 x 10 cm.
- Very natural-looking reproduction made of solid coloured, non-toxic UP resin (unsaturated polyester resin).
- Heavy-duty, stable design to prevent accidental knocking over.

Art. no.	Size	UP
71088	S	2
71089	M	1
71090	L	1



NEW

JBL ReptilCava RED

Reddish brown cave for terrarium animals

- Available in three sizes:
- S:11 x 11,5 x 6,5 cm; M:16 x 13,5 x 10 cm; L:23 x 20 x 10 cm.
- Very natural-looking reproduction made of solid coloured, non-toxic UP resin (unsaturated polyester resin).
- Heavy-duty, stable design to prevent accidental knocking over.

Art. no.	Size	UP
71092	S	2
71093	M	1
71094	L	1



NEW

JBL ReptilCava SAND

Sand coloured caves for terrarium animals

- Available in three sizes:
- S:11 x 11,5 x 6,5 cm; M:16 x 13,5 x 10 cm; L:23 x 20 x 10 cm.
- Very natural-looking reproduction made of solid coloured, non-toxic UP resin (unsaturated polyester resin).
- Heavy-duty, stable design to prevent accidental knocking over.

Art. no.	Size	UP
71096	S	2
71097	M	1
71098	L	1



JBL AquaSil transparent

Silicon for the aquarium and terrarium

- Special silicon transparent, with highly adhesive strength.
- For constructing and repairing aquariums.
- Fast hardening.
- Odourless, neutral, nontoxic when hard.
- TÜV type approved.

Art. no.	Content	UP
61391	80 ml	6
61394	310 ml	1



JBL HARU

Universal adhesive

- Bonds anything to anything (except PP and PE plastics).
- For optimal adhesion under water, does not require emptying of the tank. For leaky aquariums, fixing of decorative materials, securing stones from falling over, fastening of corals on stones, fastening of different materials to one another (e.g., wood on glass) etc.
- Black polymer-based adhesive and sealant (odour-free and non-toxic) which is permanently elastic and can even harden under water.

Art. no.	Content	Weight	UP
61396	80 ml	130 g	6



JBL Cocos Cava

Coconut shell caves

- Ideal spawning and hiding place for fish.
- Terrarium animals readily adopt these natural caves as places to sleep or hide.
- Natural material without toxins.

Art. no.	Size	UP
61510	1/2 L	6
61511	1/2 M	6
61512	3/4 L	3
61514	1/1 M	3
61513	1/1 L	3





JBL TerraBasis
Bottom-covering material

- For humid and semi-humid terrariums.
- Does not contain fertiliser.
- High humidity capacity.
- Loose bottom-covering provides activity for digging animals.

Art. no.	Content	UP
71010	5 l	4
71012	20 l	1



JBL TerraCoco
Coconut chippings, natural bottom-covering material for the terrarium

- For all types of terrarium.
- From the fibrous outer husks of ripe coconuts.
- Natural bacteria-inhibiting property of the material prevents fungal infection of the ground layer.

Art. no.	Content	UP
71015	5 l	1



JBL TerraCoco Compact
Natural coconut chippings, in compressed form

- Contents + 3 l water make 5 l coir chippings.

Art. no.	Content	UP
71025	450 g	6



JBL TerraCoco Humus
Natural coconut humus in compressed form

- Contents + 4 l water make 8 l turf-like ground covering material for forest and rain forest terrariums.

Art. no.	Content	UP
71026	600 g	6



JBL TerraWood
Beech chippings, natural bottom-covering material for the terrarium

- For dry and semi-dry terrariums.
- 100 % natural.
- Pesticide-free.
- Also suitable as litter for birds and small pets such as guinea pigs.

Art. no.	Content	UP
71016	5 l	1
71006	20 l	1



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JBL TerraSand natural red

Bottom covering for desert terrariums

- Fine, virtually dust-free sand. Ideal bottom-covering material for desert animals e.g. spiny-tailed lizards, snakes, etc. The granulation encourages the natural digging behaviour of many species.
- Round particles reduce abrasive effect on the skin of the animals.
- Graining: 0,05-1 mm

Art. no.	Content	UP
71017	7,5 kg	3



JBL TerraSand natural yellow

Bottom covering for desert terrariums

- Yellow, fine and virtually dust-free sand for desert terrariums, ideal for e.g., agamidae, chalcids and frill-necked lizards.
- The granulation encourages the natural digging behaviour of many species.
- Round particles reduce abrasive effect on the skin of the animals.
- Graining: 0,2-0,6 mm

Art. no.	Content	UP
71018	7,5 kg	3



JBL TerraSand natural white

Bottom covering for desert terrariums

- Fine, white sand for terrariums which should recreate sandy deserts or savannah biotopes.
- The sand is virtually dust-free and with its round particles reduces the abrasive effect on the skin of the reptiles.
- The white color has the effect that the temperature of the sand is lower when exposed to light than that of darker sand colors.
- Graining: 0,2-0,6 mm

Art. no.	Content	UP
71019	7,5 kg	3



JBL TerraBark

Bottom covering for pine bark

- Bottom covering for forest and rain forest terrariums.
- Pesticide-free.
- Humidity-regulating properties.
- Made exclusively from the valuable underbark of pine trees, valued by experts for the high proportion of essential oils which reduce germs and fungal infections.

Art. no.	Content	Graining	UP
71021	5 l	2-10 mm	1
71024	20 l	2-10 mm	1
71020	5 l	10-20 mm	1
71022	20 l	10-20 mm	1
71023	20 l	20-30 mm	1



Preview JBL Expedition Venezuela 2016

The JBL Fan Shop:

The place where all fans of aquatics, reptiles and koi can wear their passion on their sleeves.

It's not only Ferrari fans who like to show their enthusiasm by wearing caps, polo shirts or bags – even when they don't actually drive a Ferrari! Aquarists and terrarium and pond enthusiasts also like to wear their love on their sleeve. The JBL Fan Shop is offering just the right clothing, perfect accessories and accessorized animal

pictures, as well as photorealistic embroidery designs, all absolutely unbeatable. Furthermore clubs and pet shop owners can order team wear at special conditions. With this Fan Shop JBL would like to promote the hobby and therefore subsidizes all clothes. In return a small JBL logo will be visible on the sleeves.



You will find the JBL Fan Shop on the JBL homepage under: <http://www.jbl.de/de/fanshop>



Promotion Material

	<p>JBL Product catalogue 2015 Full colour catalogue of all aquarium- and terrarium 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. Language 95461 DE/EN/ FR/NL/IT/ ES</p>	<p>UP 1</p>	
	<p>JBL Pond product catalogue 2015 Full colour catalogue of all pond products</p> <ul style="list-style-type: none"> • Describes all JBL products for garden ponds in words and pictures. • Over 200 full colour photos. • With information pages: new products, advantages of JBL packaging, ways of presentation, koi-food concept, advantages of JBL pond fish food, fish diseases, use of UV-C and JBL expeditions. 	<p>Art. no. Language 95463 DE/EN/ FR/NL/IT</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. Language 96221 DE/EN/ FR/NL/ ES/PT/PL/ SE/IT/DK/ CZ/CN</p>	<p>UP 25</p>	
	<p>JBL Folder Aquarium water Brochure: Aquarium water</p> <ul style="list-style-type: none"> • 34-page coloured booklet, A5 size. • Subjects: Water hardness, pH, nitrogen compounds, phosphorous and silicon compounds, heavy metals, calcium and magnesium concentration. • Includes a water analysis recording sheet. 	<p>Art. no. Language 96222 DE/EN/ FR/NL/ IT/ES</p>	<p>UP 25</p>	
	<p>JBL Folder The right lighting for aquariums and terrariums Brochure: The right lighting for aquariums with JBL SOLAR</p> <ul style="list-style-type: none"> • 26-page coloured brochure, A5 size. • Subjects: Photosynthesis, physics of light, light for plants, algae, the different kinds of JBL SOLAR tubes, reflectors, saltwater illumination. 	<p>Art. no. Language 96228 DE/EN/ FR/IT/NL</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. Language 96233 DE/EN/ FR/NL</p>	<p>UP 25</p>	
	<p>JBL Protocol voor wateranalyse 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. Language 96064 DE/EN/ FR/NL/IT</p>	<p>UP 1</p>	



JBL Folder Algae – what now?
Brochure about fighting algae in the aquarium

- 12 pages, fully illustrated in colour.
- Size: DIN A5

Art. no.	Language	UP
97014	DE	25



JBL Folder Carbonate Hardness
Brochure about carbonate hardness, the life insurance for your aquarium

- 8-page coloured brochure, A5 size.
- Subjects: Where are the dangers lurking? What does the carbonate hardness (KH) value tell us? How can I determine the KH? What is the advantage of having a properly adjusted KH? How can I raise the KH? How can I lower the KH? Special case: The Malawi/Tanganyika aquarium; overview of products relating to KH.

Art. no.	Language	UP
97282	DE/FR	25



JBL Flip Chart: The right food for your fish

8-page flip chart with feeding recommendations

- Contains feeding recommendations for: Community tanks, tetras, barbs, danios, livebearers, cichlids, labyrinth fish, goldfish & fantail goldfish, catfish & loaches, puffer fish, eels, butterflyfish, panchax, killifish and rainbow fish.

Art. no.	Language	UP
96381	DE/FR/NL	1



JBL Flip Charts Aquarium Tubes
Tables and tube data of aquarium manufacturers

- Assists everyone in finding the proper tube for his cover in case neither the length nor the wattage is known.
- 1. The card lists all T5/T8 lengths with the according wattage and the properties of the individual JBL tube types.
- 2. The card indicates which JBL tubes are suitable for which type of aquarium.
- 3. - 6. The card shows all versions of aquariums with the technical data of the tubes for AquaMedic, Aquatlantis, Aquavision, Fluval, Juwel and MP.
- 8. The card illustrates the supplies for tubes.

Art. no.	Language	UP
96341	DE/FR/NL	1



JBL Flip Chart Remedies
Flip Charts for the diagnosis and treatment of fish diseases

- 8 flip files: white dots, Oodinium, bacterial infestation, fungal infections, skin and gill flukes, carp lice & anchor worms, worms and hole-in-the-head disease. Shows pictures and methods of treatment for dealing with fish diseases. Refers to possible mix-ups. Lists ALL pathogens the remedy is effective for. Also available online on the JBL homepage.

Art. no.	Language	UP
96377	DE/EN/FR	1



JBL Vivarium Lighting
Flip register concerning Light & Warmth in a Vivarium

- Easy to fasten on the shelving unit.
- Contents: Light without UV for tropical forest animals
- Light without UV for tropical forest animals
- Heat for tropical forest animals:
- Light & heat for animals that are active at dusk and at night:
- Light with UV for desert animals Heat for desert animals

Art. no.	Language	UP
96383	DE/EN/FR/NL	1



Sheet of JBL Sansibar adhesive labels

8 Stickers on a sheet

- Triangular stickers, which are easy to pull off again.

Art. no.		UP
97881		1



JBL Online

Information, Downloads and Videos For Your Hobby

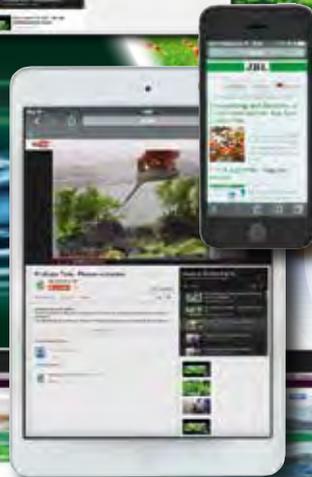
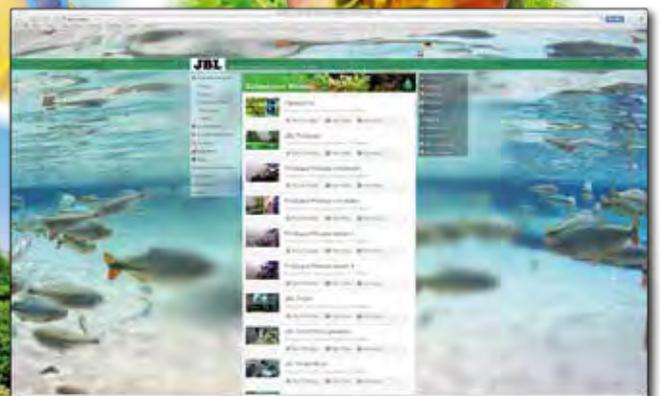
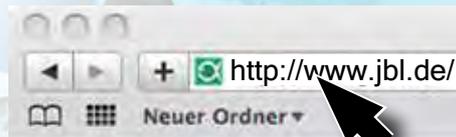
JBL online on your PC, tablet or smartphone. Information, news, downloads and videos for your hobby.

Brochures and information for you to read and much more are available for you to download or print out day and night.

Videos give you valuable practical tips from the world of JBL. Visit us on our Youtube channel or at facebook.de.

YouTube

facebook.jbl.de



VORSPRUNG DURCH
FORSCHUNG
AHEAD THROUGH RESEARCH



Promotion Material



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.	Length	Width	UP
95421	42 cm	18 cm	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.	Length	Width	UP
95422	52 cm	24 cm	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.	Length	Width	UP
95423	60 cm	30 cm	25



JBL Rubber rings (rubber bands)
 1 kg for (e.g.) fish bags of all sizes

Art. no.	Weight	Content	UP
95260	1000 g	~ 3000 pc.	1



JBL Carrier Bag
Strong plastic transport bag.
 • Size incl. carrier handles: approx.: 26 cm x 50 cm.

Art. no.	Length	Width	UP
95463	50 cm	26 cm	50



JBL Note pad
Note pad with 50 pages.
 • Size: 15 cm x 7 cm.

Art. no.	Content	Size	UP
95450	50 sheets	15x7 cm	10



JBL Assortment colourcharts
Colour charts for all JBL water test kits
 • 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..

Art. no.			UP
97266			1





JBL Business Card Holder
Rack holder for cards
 • Can be hung directly on the rack. For approx. 25 cards (for example for the Online Hospital cards)

Art. no. **95140**

UP
1



JBL Business Card PlanktonPur / ProScape
Card with reference to JBL ProScape and PlanktonPur
 • Practical card with QR code and reference to the JBL ProScape concept on one side.
 • The other side offers a reference and QR code link to the JBL PlanktonPur program.

Art. no. **99329** Language DE/EN/FR/NL

UP
30



JBL Business Card - Online Hospital/ Pond Lab
Business card with direction to JBL Online Hospital/Pond Lab
 • Coloured reference card in a convenient cheque card size for the two most popular online help systems on the JBL homepage.
 • Size: 8.5 cm x 5.5 cm. One size shows the reference to the JBL Online Hospital, the other to the JBL Pond Lab.
 • One sales unit contains 30 cards.

Art. no. **95130** Language DE/EN

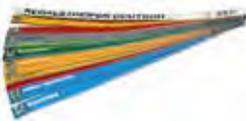
UP
30



JBL Hanging strips 6 items
 • Provides a means for exhibiting up to 6 products (with a hanging hole) at variable locations.
 • Equipped with an eyelet on the upper end for hanging items up (ideal with an adhesive hook or s-shaped hook).

Art. no. **97234**

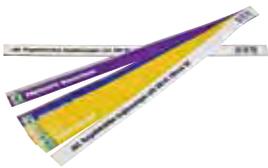
UP
1



JBL Shelf - shelf strips
Provides a better overview at the shelf.
 • One block is enough to completely equip a 2 m-long shelf.
 • Also contains colored blank strips for supplementing already labeled strips.
 • Dimensions: 42 cm x 2.2 cm.
 • Colors are concordant with the colors of the product groups in the JBL catalogue / homepage.

Art. no. **97328** Language DE/EN/FR/NL

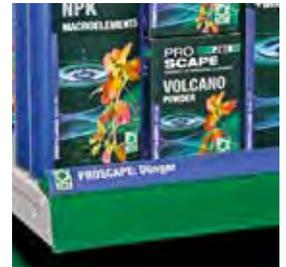
UP
1



JBL Shelf Strips (will be supplemented beginning 2014)
Supplementary set of shelf strips for narrow shelf bars
 • Coloured paper strips, 41 x 2.3 cm long, with new product groups. DE, EN, NL contain: Axolotl, Automatic Feeder, Plankton Food, ProScape Fertilizers, ProScape Tools, ProScape Substrates, ProScape Water Tests, Heating and Cooling.
 • FR additionally contains: food for cold water fish, water conditioner for bettas, water conditioner for goldfish.

Art. no. **97329** Language DE/EN/FR/NL

UP
1



JBL Rack labels (all Art.)

Art. no. **97304**

UP
1



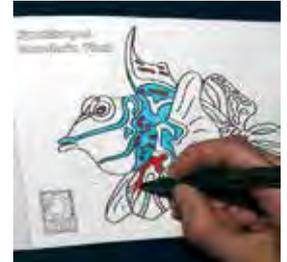


JBL Colouring block
Sales promotion article for campaigns involving children

- 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.

Art. no. Language
95456 DE/EN/FR

UP
1



JBL Notepad
Notepad for seminars

- 50 sheets.
- Writing paper (squared).
- A4 format.
- With strong front cover and cardboard back.

Art. no.
95451

UP
1



JBL Sticker (18x12cm) – from outside

- Oval sticker**
- 18 x 12 cm
 - To be applied on outside.

Art. no.
95011

UP
1



JBL SOLAR Tubes Lighting Guide
Overview and tips on the use of JBL Aquarium tubes

- Informs the viewer on the JBL T5 and T8 tubes for aquariums.
- Shows spectrums and areas of application along with advantages.
- Points out the award given JBL tubes by a professional journal.
- Dimensions: 98.7 x 30 cm (fits exactly between the supports of the Tego metal system with 1 m boards).

Art. no. Language
97209 DE/EN /FR

UP
1



JBL SOLAR Tubes Lighting Guide
Overview and tips on the use of JBL Terrarium Lighting

- Informs customers about JBL lighting systems for terrariums, such as UV-spots, tubes, energy saving lamps etc.
- 98,7 x 30 cm.

Art. no. Language
97212 DE/EN/ FR/NL

UP
1



JBL Poster Fish Nets
Overview of all JBL Fishing Nets

- Shows sizes, special handle lengths and size of mesh.
- Offers tips on how to improve catching with 2 nets.
- Size: 98.7 * 24 cm (fits exactly between the support of the Tego metal system with 1m floors).

Art. no. Language
97210 DE

UP
1



JBL Poster Sansibar
Poster with information about JBL Sansibar substrates

- Dimensions: 30 x 95 cm (width x height).
- Shows the colours of all 7 JBL Sansibar sorts.
- Without text and therefore internationally useable.

Art. no.
91010

UP
1





Report 2001 - 2016



EXPEDITION



Worldwide destinations

& WORKSHOP



Worldwide destinations of the JBL Expeditions & Workshops



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.

Due to the destinations which are difficult to reach and the small number of participants, JBL Expeditions are usually more costly than JBL Workshops, which offer a larger number of participants (60 - 80) an opportunity to experience research in the fields of aquarium keeping and terrarium keeping live in nature.

Every fan of nature is eligible for participation: As soon as the details of a JBL Expedition or a JBL Workshop have been set, they are posted on JBL's website. Then it's time to apply – and, with some luck, take part!



Expedition French Guyana & Caribbean



Workshop Red Sea/Egypt



Workshop Vietnam



Expedition Sulawesi/Indonesia



Expedition Central America & Galapagos



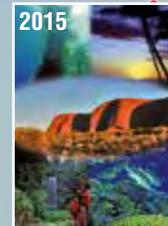
Expedition Sri Lanka & Maldives



Workshop Negros/Philippines



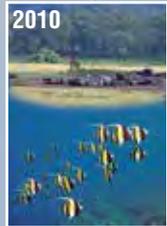
Announcement Expedition South Pacific & Australia



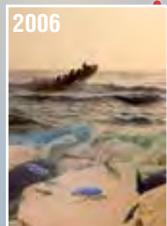
Expedition Amazonia & Pantanal/Brazil



Workshop Tanzania & Lake Tanganyika



Expedition South Africa & Lake Malawi



Who can take part in the JBL Expeditions & Workshops?



JBL Expeditions & Workshops 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.

What is the difference between a JBL Expedition and a JBL Workshop?

JBL Expeditions often lead into pathless terrain, to a number of different destinations, have a duration of around 14 days and are limited to approx. 16 participants due to local conditions. The fact that there are multiple destinations and that these are often remote frequently leads to somewhat higher costs of participation.

JBL Workshops are from 7 to 11 days, and the price of participation is kept as low as possible at around € 1,000. The workshops are supposed to be affordable for persons with an average income so that the number of participants is from 60 to 80 persons who are divided up into small groups of 8 during the workshop.

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.



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 makes the JBL Expeditions & Workshops 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.



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!



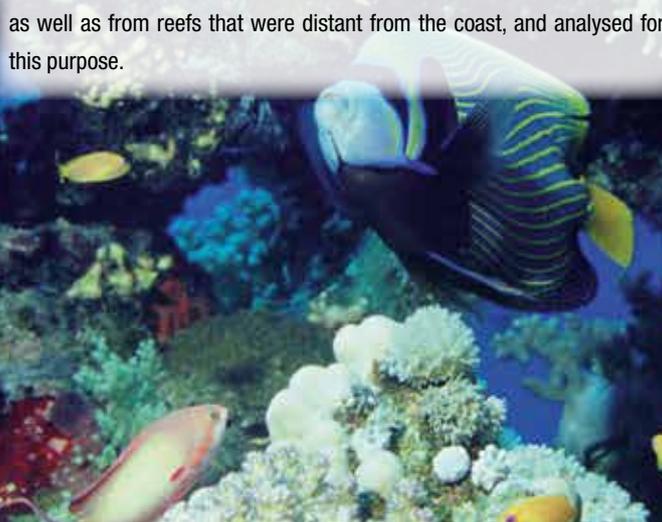
Workshop 2005

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 Boeing 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



RESEARCH TEAM
 Mexico
 Nicaragua Costa Rica
 Galapagos

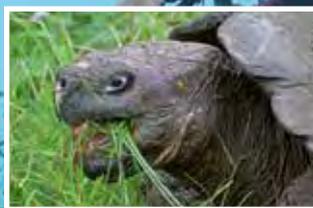


In Costa Rica, we had to learn that it was more difficult to find the famous red-eyed frogs than we had imagined. We were on the exact river where they lived, we could hear them, but we couldn't find them, not even after many hours of search by night!

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.





Workshop 2013 Vietnam



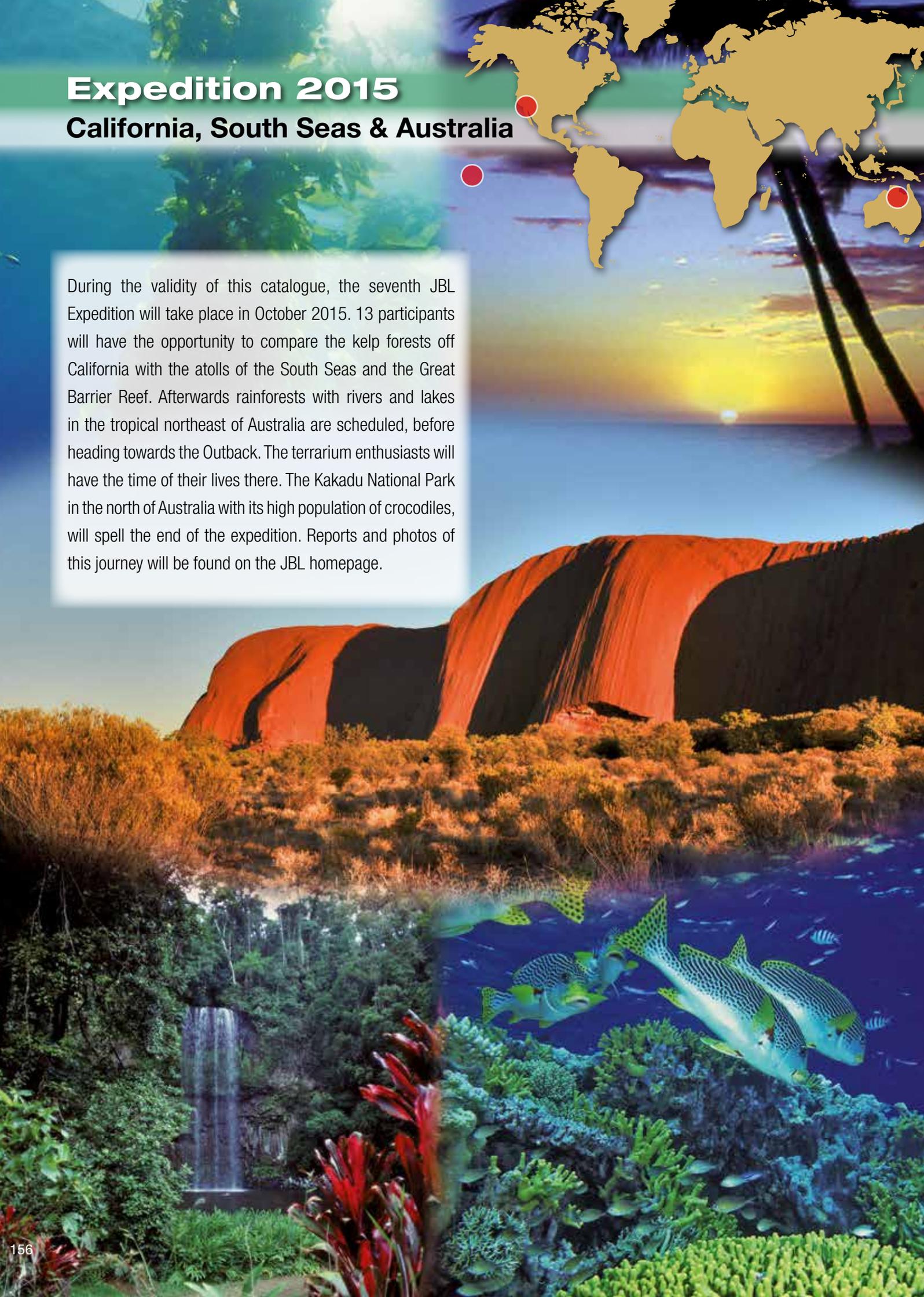
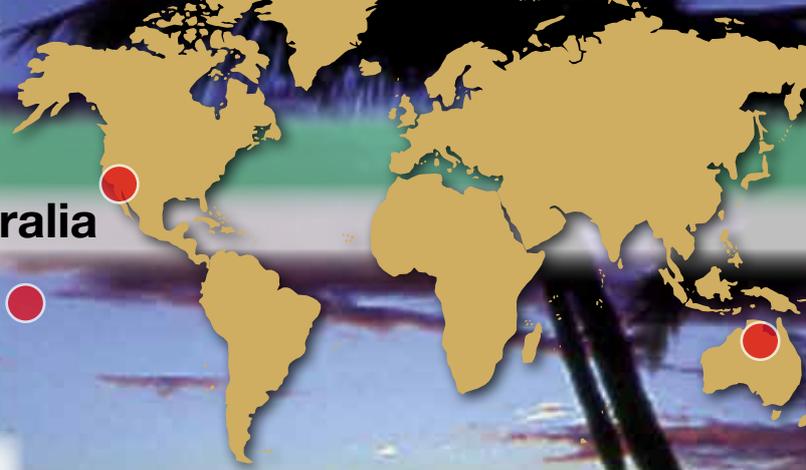
70 nature lovers had 10 days to explore the region around Nha Trang in the rainforest, the desert and the offshore coral reef. Everyone was thrilled by the clear mountain rivers with gobies and loaches, the waterfalls with hillstream loaches and the jungles with many interesting snakes. More dangerous 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 Seas & Australia

During the validity of this catalogue, the seventh JBL Expedition will take place in October 2015. 13 participants will have the opportunity to compare the kelp forests off California with the atolls of the South Seas and the Great Barrier Reef. Afterwards rainforests with rivers and lakes in the tropical northeast of Australia are scheduled, before heading towards the Outback. The terrarium enthusiasts will have the time of their lives there. The Kakadu National Park in the north of Australia with its high population of crocodiles, will spell the end of the expedition. Reports and photos of this journey will be found on the JBL homepage.



Expedition 2016

Venezuela / South America



Accompany our JBL research team to the fascinating South American country Venezuela. Research under scientific supervision the habitats of our ornamental fish and terrarium animals. Experience the gorges of the tabletop mountains and the Orinoco Delta, the second largest river in South America.

Day 1:

We fly by scheduled flight from Frankfurt to Caracas, the capital of Venezuela. Participants from other countries than Germany can of course also directly fly to Caracas. From Caracas we take a connecting flight to Maturin, the tropical heart of the country. After a short bus trip to the Orinoco we continue by boat to the Orinoco jungle camp, which is situated in the midst of the Orinoco Delta, surrounded only by rainforest and the occasional Indio hut. Dinner in the camp. Overnight stay in open huts under mosquito nets. Toilets, showers and electricity are available. These days and nights in the rainforest will be so impressive and close to nature that you will never ever forget them! (Don't worry about the creepy-crawlies! Animals avoid direct contact with humans and the mosquito nets will keep the vermin away).

Day 2:

The large participant group will be divided into smaller teams, who will alternately explore the different habitats. Team 1 starts by exploring the surroundings of the camp with double canoes after breakfasting together. We will be able to start observing caimans and rare animals there because the camp is situated undisturbed by the river in the middle of the rainforest. Swimming and snorkelling are possible. Underwater visibility is extremely limited, however. Meanwhile teams 2-6 will be travelling to various sites in the Orinoco Delta and to visit the habitats there. Lunch boxes while travelling or in the camp. Dinner is always in the camp. Afterwards an evening lecture from a scientist on the relevant biological subjects around that day's field of research. An optional nocturnal canoe tour.

Day 3:

In all likelihood you will be woken up by howler monkeys at sunrise. After breakfast each of the 6 teams will drive to different biotopes again, where light, UV, temperature, humidity and water measurements will be carried out. In freshwater the programme will also cover water current and light measurements under water. Each participant will have the opportunity to catch fish and other animals to identify them afterwards (hatchet fish, cichlids, knifefish, shrimps, lizards, spiders, snakes etc.). The animals will be released into their habitats afterwards. Anyone interested in ornithology will love the boat trips: parrots, red ibises, hummingbirds, hoatzins, toucans and weaver birds are there to observe every day. Meal and evening programme as the day before.

Day 4:

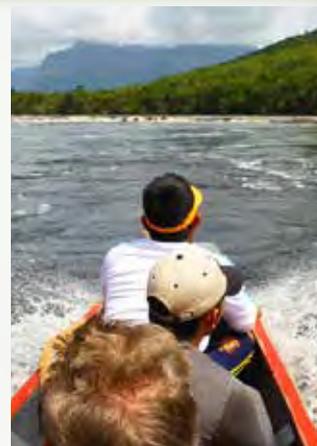
After breakfast at around 8am we're going for a walk in the jungle. The Indios will show us how to survive in the jungle: drinking water out of lianas; eating palm hearts from the inner parts of the trees, getting maggots out of the wood to eat them (if you like) and other mind blowing activities most people only see on TV. Furthermore we will drive by boat to a blackwater river, home to at least 4 piranha species. Here we can catch piranhas and go snorkelling (piranhas don't usually bite snorkelers). Visibility in blackwater is much better than in the main stream, so we will have the chance to observe many different fish species under water too. Meal and evening programme as the day before. Every evening 2 teams will have the opportunity to carry out a guided night expedition because the nocturnal fauna is at least as impressive as the daytime fauna. End of the Orinoco part of the expedition and packing for the second part "tabletop mountains" in the evening.





Day 5:

In the morning we will travel by boat, bus and plane into the deep south of Venezuela, where the famous tabletop mountains with the world's highest waterfall (Salto Angel) are situated. After our landing in Canaima we will have a 4.5 hour boat trip up the river through rapids, passing through sensational landscapes, heading deep into the gorges of the unbelievable tabletop mountains to Salto Angel. There we will spend the night in hammocks in a simple jungle camp (toilets, electricity for a few hours and water available) with a view of the impressive waterfall. Dinner in camp. Mosquito nets are not necessary here.



Day 6:

The first half of the 6 teams will take a walk lasting about 1.5 hours to the lake at the foot of the Salto Angel (strenuous walk with some climbing). In the lake lives a (unknown?) catfish species, which we will observe while snorkelling. The walk through the unspoilt jungle is another great experience. The view onto 1000 metres of free falling water is mind blowing. When we've spent enough time at the waterfall it's back to the camp again (about 1.5 hours). The other half of the team will explore the local biotopes of the surrounding camp area. Please take snorkel and diving goggles along because the water of the river is crystal-clear (and brown-coloured from iron). You will be able to observe cichlids, tetras and further species here like in an aquarium. Anyone planning to be out at night should definitely wear long rubber boots as protection against snakes, because this is the home of the likes of poisonous pit vipers, which will not be afraid of you. After dusk the participants can take part in night expeditions in the surrounding area in their teams.



Day 7:

Today we turn the program upside down and the teams swap destinations. They won't all meet up in the camp again until evening. This evening the teams will also have the chance to explore the jungle and the river in teams, at night and without supervision.



Day 8:

After breakfast we will start with the return journey. Downstream the boats are a bit quicker, so we will reach Canaima with its picturesque lagoon and waterfalls in about 3 hours. We'll go on a short hike behind the waterfalls at the lagoon and stay the last night in Canaima. Final presentation about the results of the expeditions and awarding of certificates to every participant.



Day 9:

On the departure day we'll have breakfast together before we fly back to Ciudad Bolivar (with a beautiful view of the Gran Sabana and the tabletop mountains) and onto to Caracas before we catch the long haul flights to our home countries.



Travel period: mid to late April 2016

Duration of expedition: 9 days

Suitable for: all naturelovers, focus on freshwater and herpetology (no saltwater).

Features: a long walk to the world's highest waterfall (3 h both ways)

Overnight stay in hammocks (tabletop mountains) and open huts (Orinoco).

Costs: approx. € 1700.-. Precise travel price will be fixed mid 2015.

Number of participants: 50



JBL Expedition Venezuela

Application Form for the 12. JBL Expedition 2016 (Deadline: 01.08.2015)

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 15.08.2015. 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:

Tel.: T-shirt size:

Email: (important!):



I would like to fly from Frankfurt with the group. The price for the JBL expedition from Frankfurt is approx. € 1700 (the exact travel price will be fixed mid 2015).

I would like to organize my flights myself. The price for the expedition without flights is available on request from the tour operator.

Not included in the travel price are: Tips, drinks, travel cancellation insurance, airport charges, National Park Canaima fee.

I am aware that we will sleep in simple huts and hammocks.

My main interest is: Aquatics Terraristics (for putting together teams)

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 (6 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 have previously participated in the following JBL Workshop/Expedition:

I have previously been unsuccessful in my application for the following JBL Workshop/Expedition:

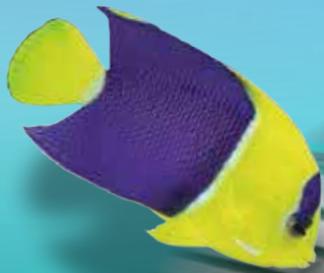
I would like to participate because ... (one sentence only!):

With my signature I commit myself formally to registering for the 12th JBL Expedition Venezuela 2016.

Place/date/signature:

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family business has developed into one
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over 1000 articles, has one of the largest ranges of
aquarium products in the world.

In the plant Neuhofen/Pfalz, where the expanding com-
pany has been located since 1984, production is focused
on fish food and water care products.



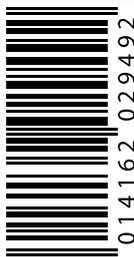
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