

**JBL**

# NEW PRODUCTS



**AQUARIUM**



**TERRARIUM**



**POND**

**2020**



**VORSPRUNG  
DURCH FORSCHUNG**  
AHEAD THROUGH RESEARCH



# JBL EXPEDITION 2021 TO COLOMBIA

Apply now!



## Off to altum angelfish and cardinal tetras in blackwater.

Clear jungle rivers, lots of interesting fish species, indigenous villages and aquatic research are the highlights of this exciting JBL expedition February 3-14, 2021 for about € 1950 (incl. flights). For ten days three boats, each with 12 people, will stagger their visits to various habitats around Inirida.

Before we take a smaller plane to the east of Colombia to the Venezuelan border, we will spend the night in Bogota, the capital of Colombia. The next morning we'll all fly to Puerto Inirida in the lowland rainforest. We'll be going in boats to regions 30 minutes



to 4 hours away in the middle of the rain forest. Rivers such as the Rio Inirida or the Rio Atabapo flow towards Orinoco, forwarding very clear blackwater and forming the habitat of huge numbers of ornamental fish species familiar to us from our aquariums.

We'll be staying the night with indigenous people, who'll also be preparing our meals. The food is sure to be tasty and inanimate! There won't be a McDonalds anywhere! We will be fully integrated into the village life of the locals and we'll receive an intimate knowledge of their lifestyles.

A very special habitat will be the large boulders in the Rio Atabapo. Dr. Wolfgang Staack found very beautiful L number catfish species during his trip there.



In other biotopes we'll find banded cichlids (Heros species), dwarf cichlids (Apistogramma species), altum angelfish (Pterophyllum altum), cardinal tetras (Paracheirodon axelrodi), flag cichlids (Mesonauta insignis), Crenicichla species and many more. Dr. Wolfgang Staack will be present on site and help us determine them.

Terrarium animal lovers will also get their heart's desire. The rainforests along the riverbank are home to countless interesting terrarium animals, from tarantulas to lizards and snakes. In the waters live caimans and turtles. One of our expedition tasks will be to determine the biotope data.



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# JBL PROAQUATEST

NEW



## JBL PROAQUATEST pH 3.0-10.0

Quick test to determine the acidity in ponds and freshwater/marine aquariums

For 50 Tests

Art.-no. 2410100

Refill

Art.-no. 2410200



## JBL PROAQUATEST pH 6.0-7.6

Quick test to determine the pH values in the range 6.0-7.6 in freshwater aquariums

For 80 Tests

Art.-no. 2410300

Refill

Art.-no. 2410400



## JBL PROAQUATEST pH 7.4-9.0

Quick test to determine the pH values in the range 7.4-9.0 in ponds, freshwater and marine aquariums

For 80 Tests

Art.-no. 2410500

Refill

Art.-no. 2410600



## JBL PROAQUATEST GH General hardness

Quick test to determine the general hardness in freshwater aquariums & ponds

Set

Art.-no. 2410800

Refill

Art.-no. 2410900



## JBL PROAQUATEST KH Carbonate hardness

Quick test to determine the carbonate hardness (KH) in freshwater/marine aquariums and ponds

Set

Art.-no. 2411000

Refill

Art.-no. 2411100



## JBL PROAQUATEST POND Check pH/KH

Quick test to determine the acidity and pH stability in garden ponds

For 50 Tests

Art.-no. 2407400



## JBL PROAQUATEST O<sub>2</sub> Oxygen

Quick test to determine the oxygen content in freshwater/marine aquariums and ponds

For 40 Tests

Art.-no. 2411200

Refill

Art.-no. 2411300



## JBL PROAQUATEST Cu Copper

Quick test to determine the copper content in fresh and marine water aquariums and ponds

For 50 Tests

Art.-no. 2411400

Refill

Art.-no. 2411500



## JBL PROAQUATEST Fe Iron

Quick test to determine the iron content in fresh and marine water aquariums and ponds

For 50 Tests

Art.-no. 2411600

Refill

Art.-no. 2411700



## JBL PROAQUATEST SiO<sub>2</sub> Silicate

Quick test to determine the silicate content in freshwater & marine aquariums

For 50 Tests

Art.-no. 2411800

Refill

Art.-no. 2411900



## JBL PROAQUATEST NH<sub>4</sub> Ammonium

Quick test to determine ammonium/ammonia content in freshwater/marine water aquariums and in ponds

For 50 Tests

Art.-no. 2412100

Refill

Art.-no. 2412200



## JBL PROAQUATEST NO<sub>2</sub> Nitrite

Quick test to determine the nitrite content in freshwater/marine aquariums & ponds

For 50 Tests

Art.-no. 2412300

Refill

Art.-no. 2412400



## JBL PROAQUATEST NO<sub>3</sub> Nitrate

Quick test to determine the nitrate content in freshwater/marine aquariums and ponds

For 40 Tests

Art.-no. 2412500

Refill

Art.-no. 2412600



## JBL PROAQUATEST PO<sub>4</sub> Phosphate Sensitive

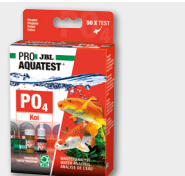
Quick test to determine the phosphate content in fresh and marine water aquariums and ponds

For 50 Tests

Art.-no. 2412700

Refill

Art.-no. 2412800



## JBL PROAQUATEST PO<sub>4</sub> Phosphate Koi

Quick test to determine the phosphate content in garden and koi ponds

For 50 Tests

Art.-no. 2417600



## JBL PROAQUATEST K Potassium

Quick test to determine the potassium content in freshwater aquariums

For 25 Tests

Art.-no. 2413000


Refill

Art.-no. 2413100



# JBL PROAQUATEST


NEW



**JBL PROAQUATEST Ca Calcium**

Quick test to determine the calcium content in marine aquariums


Set	Art.-no. 2413200
Refill	Art.-no. 2413300



**JBL PROAQUATEST Mg-Ca Magnesium-Calcium**

Quick test for to determine the magnesium/calcium in marine aquariums


Set	Art.-no. 2413600
Refill	Art.-no. 2413700



**JBL PROAQUATEST Mg Magnesium Fresh water**

Quick test to determine the magnesium content in freshwater aquariums


For 60 Tests	Art.-no. 2414200
Refill	Art.-no. 2414300



**JBL PROAQUATEST CO<sub>2</sub>-pH Permanent**

Permanent test to determine the acid/carbon dioxide content in freshwater aquariums


For 9-12 Mon.	Art.-no. 2413800
Refill	Art.-no. 2413900



**JBL PROAQUATEST CO<sub>2</sub> Direct**

Quick test to determine the carbon dioxide content (main nutrient for plants) in freshwater aquariums


Set	Art.-no. 2414000
Refill	Art.-no. 2414100



**JBL PROAQUATEST EASY 7in1**

Test strips for quick aquarium water testing


50 Tests	Art.-no. 2414400
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**JBL PROAQUATEST COMBISET Plus Fe**

Test case with the most important water tests in freshwater aquarium, incl. iron test


6 Tests	Art.-no. 2409200
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**JBL PROAQUATEST COMBISET Plus NH<sub>4</sub>**

Test case with the most important water tests for freshwater aquariums, incl. ammonium test


6 Tests	Art.-no. 2411600
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**JBL PROAQUATEST LAB**

Test case for the analysis of tap water and freshwater aquariums


14 Tests	Art.-no. 2408400
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**JBL PROAQUATEST LAB PROSCAPE**

Test case for a complete water analysis in plant aquariums


9 Tests	Art.-no. 2408300
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**JBL PROAQUATEST LAB Marin**

Professional test case for exact marine water analysis


11 Tests	Art.-no. 2408200
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**JBL PROAQUATEST COMBISET Marin**

Test case for the most important water values in marine aquariums

6 Tests	Art.-no. 2408100
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**JBL PROAQUATEST COMBISET POND**

Test case for water analyses in koi and garden ponds

6 Tests	Art.-no. 2407000
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**JBL Testlab Koi**

Professional test case for water analyses in koi and garden ponds



10 Tests	Art.-no. 2802000
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# JBL NovoGranoMix XXS

Granular main food for 1-3 cm small aquarium fish



Suitable for:  



- Perfect, complete nutrition for small fish, such as neon tetras, mini fish, dwarf rasboras and other fish between 1 and 3 cm in length
- To use: Open the seal of the tin and feed as much as the fish can eat in a few minutes. Suitable for fish of all water layers, as the mini granulate floats and slowly sinks
- No water cloudiness and very good acceptance by fish due to high-quality ingredients such as shrimps and algae
- Strong and healthy fish growth with minimum water pollution through naturally balanced protein/fat ratio and omega-3 fatty acids
- Package contents: sealed and resealable tin



# JBL NovoGranoMix XXS



## Product information

Animal welfare is important to us

No processing of cheap fish meal, we use fish meat from fish fillet production following the motto: the large fillet for humans and the small fillet for our aquarium fish!

For years JBL has supported the largest international organisation for the protection of sharks "Shark Project".

Other good reasons to use JBL fish food:

The use of pure fish protein without cheap fish meal.

Optimal protein/fat ratio.

Mainly proteins from water animals.

Reduction of algae growth and optimal fish growth thanks to adapted phosphate content.

Impressive acceptance on the part of fish: research expeditions with fish feeding trials in the wild.

Minimum vitamin loss due to airtight sealed packaging.

Ahead through research

The results of the JBL research expeditions, combined with the expertise of the JBL research and development team, has resulted in optimal and balanced food mixtures made of high-quality ingredients.

Feeding recommendation

Feed 1 – 2 times a day, as much as can be eaten within a few minutes. Feed young, growing fish 3 – 4 times a day in the same way.

Unopened the food tins can be kept for 3 years, after opening use up within 4 months, since the valuable vitamins will degrade. Choose the size of the tin (100 ml, 250 ml, 1 l, 5.5 l, 10.5 l) in accordance with the monthly consumption stated above and the number of the fish in your aquarium.

Available separately to complement main food: supplementary food and treats.



## Product details

Article data	
Product name	JBL NovoGranoMix XXS 100 ml
Art. No.	3136000
EAN number	4014162313607
EAN as barcode	
Weight	58 g
Size	100 ml
Expiry months	36
RRP incl. VAT	
Base price	
Nominal filling quantity	58.0000 g
Base quantity	100 g
Gross weight	74.600 g
Net weight	58 g
Weight change	-

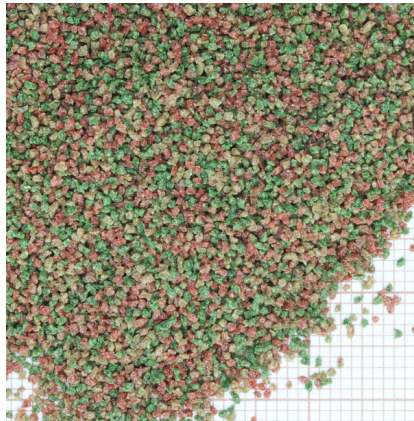


# JBL NovoGranoMix XS

Granular main food for 3-5 cm small aquarium fish



Suitable for:



- Perfect, complete nutrition for small fish, such as neon tetras, small tetra species, gouramis and other fish between 3 and 5 cm in length
- To use: Open the seal of the tin and feed as much as the fish eat in a few minutes. Suitable for fish of all water layers, as the mini granulate floats and slowly sinks
- No water cloudiness and very good acceptance by fish due to high-quality ingredients such as shrimps and algae
- Strong and healthy fish growth with minimum water pollution through naturally balanced protein/fat ratio and omega-3 fatty acids
- Package contents: sealed and resealable tin



# JBL NovoGranoMix XS



## Product information

Animal welfare is important to us

No processing of cheap fish meal, we use fish meat from fish fillet production following the motto: the large fillet for humans and the small fillet for our aquarium fish!

For years JBL has supported the largest international organisation for the protection of sharks "Shark Project".

Other good reasons to use JBL fish food:

The use of pure fish protein without cheap fish meal.

Optimal protein/fat ratio.

Mainly proteins from water animals.

Reduction of algae growth and optimal fish growth thanks to adapted phosphate content.

Impressive acceptance on the part of fish: research expeditions with fish feeding trials in the wild.

Minimum vitamin loss due to airtight sealed packaging.

Ahead through research

The results of the JBL research expeditions, combined with the expertise of the JBL research and development team, has resulted in optimal and balanced food mixtures made of high-quality ingredients.

Feeding recommendation

Feed 1 – 2 times a day, as much as can be eaten within a few minutes. Feed young, growing fish 3 – 4 times a day in the same way.

Unopened the food tins can be kept for 3 years, after opening use up within 4 months, since the valuable vitamins will degrade. Choose the size of the tin (100 ml, 250 ml, 1 l, 5.5 l, 10.5 l) in accordance with the monthly consumption stated above and the number of the fish in your aquarium.

Available separately to complement main food: supplementary food and treats.



## Product details

Article data	
Product name	JBL NovoGranoMix XS 100 ml
Art. No.	3136300
EAN number	4014162313638
EAN as barcode	
Weight	58 g
Size	100 ml
Expiry months	36
RRP incl. VAT	
Base price	
Nominal filling quantity	58.0000 g
Base quantity	100 g
Gross weight	74.600 g
Net weight	58 g
Weight change	-



# JBL Acclimol

Water conditioner for acclimatisation



Suitable for:



- For aquarium water ideally suited to the requirements of the fish: when adding new fish, after working in the aquarium, during fish transport to activate the resistance of freshwater aquarium fish
- Protection against stress and support of the immune system thanks to multivitamin complex with vitamin C
- Healthy water, healthy fish: protection of mucous membranes, gills, skin and fins by means of protective colloids
- Prevention of iodine deficiency symptoms thanks to iodine complex
- Contents: 1 bottle Acclimol. To use: 10 ml/40 l water. Example: in a 60 l aquarium: 15 ml for setting up a new aquarium, 5 ml for 1/3 water change every 2-3 weeks



# JBL Acclimol



## Product information

### Nature at Home – Home for Fish and Plants

Fish need to be as comfortable in the aquarium as they are in nature. For the water change, aquarium setup and to strengthen the fish after disease. Relocation causes stress. The transport and insertion into an aquarium is highly stressful for fish. With JBL's Acclimatisation Protection you can reduce the stress for the fish and ease their adaptation to the environment.

### Advantages of the JBL Acclimatisation Protection

Reduces stress, increases their resistance against disease, reduces fish loss, protects the mucous membranes, gills, skin and fins thanks to aloe vera, strengthens the immune system and activates their resistance with vitamin C complex, prevents iodine deficiency symptoms by means of its iodine complex.

### Recommendation for acclimatisation

Switch off aquarium lighting, attach the opened transport bag with a clip, add aquarium water in portions into the bag every 1/4 hour, put a dosage of JBL Acclimol into the aquarium before inserting the fish, use a net to move the fish from the bag into the aquarium, let the fish swim out of the net on their own. Pour the transport water down the drain and not into the aquarium. Switch on the aquarium lighting one hour later.



## Product details

Article data				
Product name	JBL Acclimol 50ml	JBL Acclimol 100 ml	JBL Acclimol 100 ml	JBL Acclimol 250 ml
Art. No.	2307000	2307110	2307100	2307200
EAN number	4014162230706	4014162014511	4014162230713	4014162230720
EAN as barcode				
Content	50 ml	100 ml	100 ml	250 ml
Range	60-200 l	400 l	400 l	1000 l
Expiry months	-	-	-	-
RRP incl. VAT				
Base price				
Nominal filling quantity	50.0000 ml	100.0000 ml	100.0000 ml	250.0000 ml
Base quantity	100 ml	100 ml	100 ml	100 ml
Gross weight	63.000 g	124.000 g	124.000 g	300.200 g
Net weight	50 g	100 g	100 g	252 g
Weight change	-	1000	1000	1000



# JBL PRO CLEAN AQUA

Glass cleaner for the outside of aquarium panes

Suitable for:



- Clean aquarium panes: powerful glass cleaner with pump spray head
- Effortless cleaning: wet the glass pane with glass cleaner, dry it with soft lint-free cloth, if required, repeat the procedure
- Removes the most stubborn limescale, cleans with the power of nature
- Safe for fish, invertebrates and plants
- Package contents: 250 ml glass cleaner with pump sprayer for aquarium panes



# JBL PROCLEAN AQUA



## Product information

### Effortless cleaning

Spray on pane and wipe it dry with a soft lint-free cloth. Repeat if required. In case of lime deposits allow several minutes to soak in before wiping off the deposits. For lime scales above the water level inside the aquarium spray directly onto the cloth and wipe away the deposits.

Household cleaners can also remove lime residues, but are dangerous because they are highly toxic for the aquarium inhabitants. Do not even allow spray mist from such cleaners to enter the aquarium water. Instead please use a dedicated cleaner such as JBL ProClean Aqua!

Different types of soiling: In aquariums and terrariums you usually have to deal with 2 types of soiling: lime residue (whitish deposits above the water surface and cover panes) and organic soiling such as algae coatings and brush algae on decoration and technical products. You can quickly and easily remove limescale residues with JBL ProClean Aqua in aquariums and JBL ProClean Terra in terrariums. JBL ProClean Power helps with organic soiling.



## Product details

Article data	
Product name	JBL PROCLEAN AQUA
Art. No.	6460000
EAN number	4014162646002
EAN as barcode	
Content	250 ml
-	-
Expiry months	-
RRP incl. VAT	
Base price	
Nominal filling quantity	250.0000 ml
Base quantity	1 l
Gross weight	280.000 g
Net weight	250 g
Weight change	-



# JBL PROCLEAN POWER

Cleaner for CO2 diffusers and aquarium decorations



Suitable for:



- For effortless cleaning of technical equipment and decoration in cases of algae and other organic soiling
- Easy to use: dilute 1:10 with water, pour into metal-free container and steep soiled objects for 1 hour. Then rinse thoroughly with tap water
- A chlorine compound in the product dissolves any organic soiling without scrubbing or other effort and leaves items like new
- Not suitable for use on wood, plants or other living organisms. When first using on decorative articles: test an inconspicuous spot on the product beforehand
- Package contents: 1000 ml concentrate for 10 l cleaning solution in reclosable bottle in outer carton



# JBL PROCLEAN POWER



## Product information

### Effective

The JBL cleaner ProClean Power ensures fast and effective cleaning of diffusers, aquarium technology and aquarium decoration.

### Simple to use:

Pour cleaning solution over soiled diffusers and objects in a suitable container (not metal!). Leave on for about 12 hours. Then rinse the cleaned objects thoroughly with tap water.

### Important:

Only immerse porous decorative objects briefly in JBL ProClean Power and brush off. Then place in tap water for 3 days and renew the water daily.

### Different types of soiling:

In aquariums and terrariums you usually have to deal with 2 types of soiling: lime residue (whitish deposits above the water surface and cover panes) and organic soiling such as algae coatings and brush algae on decoration and technical products. You can quickly and easily remove limescale residues with JBL ProClean Aqua in aquariums and JBL ProClean Terra in terrariums. JBL ProClean Power helps with organic soiling.

The effective chlorine components create a certain pressure inside the closed bottle, causing the floor surface to bulge outwards. This is no reason for concern and why the bottle is delivered in an outer carton.



## Product details



Article data	
Product name	JBL PROCLEAN POWER
Art. No.	6460200
EAN number	4014162646026
EAN as barcode	
Content	1000 ml
Range	10 l
Expiry months	36
RRP incl. VAT	
Base price	
Nominal filling quantity	1.0000 l
Base quantity	1 l
Gross weight	1139.000 g
Net weight	1000 g
Weight change	-

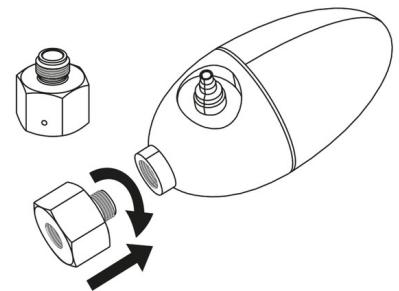


## JBL PROFLORA ADAPT u disposal for Dennerle

Adapter for Dennerle pressure reducer+JBL disp. CO2 bottles



Suitable for:  



- Makes the Dennerle pressure reducer suitable for disposable bottles u500 (M10 x 1)
- To assemble: screw the adapter into the pressure reducer, then screw the pressure reducer onto the bottle u500
- Enables you to screw the pressure reducer (thread M10 x 1.25) t onto u500 disposable bottles with thread M10 x 1
- Dimensions (l/h/w): 22/22/22 mm
- Package contents: adapter for pressure reducer, PROFLORA ADAPT



# JBL PROFLORA ADAPT u disposal for Dennerle



## Product details

Article data	
Product name	JBL PROFLORA ADAPT u disposal for Dennerle
Art. No.	6452200
EAN number	4014162645227
EAN as barcode	
Content	1 Pieces
-	-
Expiry months	-
RRP incl. VAT	
Base price	
Nominal filling quantity	-
Base quantity	1 St
Gross weight	42.500 g
Net weight	35 g
Weight change	-



# JBL LED SOLAR NATUR

High-performance LED light for freshwater aquariums



Suitable for:



- Maximum light efficiency for beautiful aquatic plants: extremely high photosynthetically active radiation (PAR) of more than 220  $\mu\text{M/s/m}^2$
- Plug & play: clip light in tube holder or set it up, connect cable, switch on or dim via remote control and select one of 3 light colours
- Evenly distributed warm white and cool white LEDs for a biotope-compatible light climate, 2 channels with 3 preset light colours: 2700 K (warm white), 4000 K (daylight white), 6700 K (cool white)
- You can extend the features by using your smartphone to include preset biotope-compatible or individual light controls and the JBL LED SOLAR EFFECT RGB light for special colour effects
- Incl. water-protected light (IP67), remote control, driver (receiver), power supply unit, connection cable, holding brackets for top assembly & end caps for installation in tube sockets (T5&T8). Guarantee: 2 years (+2 years upon registr. of product)



# JBL LED SOLAR NATUR



## Product details

Article data				
Product name	JBL LED SOLAR NATUR 22 W, 438mm	JBL LED SOLAR NATUR 24 W, 549/590mm	JBL LED SOLAR NATUR 37 W, 742mm	JBL LED SOLAR NATUR 44 W, 849/895mm
Art. No.	6190200	6190300	6190400	6190500
EAN number	4014162619020	4014162619037	4014162619044	4014162619051
EAN as barcode				
Performance	22 W	24 W	37 W	44 W
Length	438 mm	549 mm	742 mm	849 mm
Expiry months	-	-	-	-
RRP incl. VAT				
Base price				
Nominal filling quantity	-	-	-	-
Base quantity	1 St	1 St	1 St	1 St
Gross weight	1350.000 g	1505.000 g	1811.000 g	1954.000 g
Net weight	1134 g	1289 g	1494 g	1637 g
Weight change	-	-	-	-

Article data			
Product name	JBL LED SOLAR NATUR 57 W, 1047mm	JBL LED SOLAR NATUR 59 W, 1149/1200mm	JBL LED SOLAR NATUR 68 W, 1449/1500mm
Art. No.	6190600	6190700	6190800
EAN number	4014162619068	4014162619075	4014162619082
EAN as barcode			
Performance	57 W	59 W	68 W
Length	1047 mm	1149 mm	1449 mm
Expiry months	-	-	-
RRP incl. VAT			
Base price			
Nominal filling quantity	-	-	-
Base quantity	1 St	1 St	1 St
Gross weight	2160.000 g	2366.000 g	2570.000 g
Net weight	1792 g	1998 g	2154 g
Weight change	-	-	-

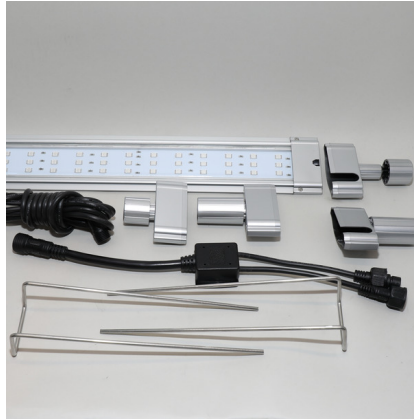


# JBL LED SOLAR EFFECT

LED effect light as supplement to JBL LED SOLAR NATUR



Suitable for:



- Special light with RGB LEDs to create colour effects, ideal as replacement for the second coloured fluorescent tube (T5 or T8)
- Just connect to the enclosed cable switch of the existing JBL LED SOLAR NATUR and adjust using its remote control.
- Enables more dramatic simulations of sunrise and sunset colours, as well as weather situations, such as lightning storms or rainy season.
- The integrated RGB LEDs can create red, green and blue, and all mixed colours, using the JBL LED SOLAR NATUR remote control. Dimmable in 7 steps. Further effects can be achieved using the JBL LED SOLAR CONTROL app on a mobile phone
- Contains: LED effect light, waterproof (IP67), cable switch, holding brackets for top assembly and end caps for the installation in tube sockets (T5 & T8). Guarantee: 2 years (+2 years upon registration of the product)



# JBL LED SOLAR EFFECT



## Product details

Article data				
Product name	JBL LED SOLAR EFFECT 8 W, 438mm	JBL LED SOLAR EFFECT 9 W, 549/590mm	JBL LED SOLAR EFFECT 13 W, 742mm	JBL LED SOLAR EFFECT 15 W, 849/895mm
Art. No.	6191100	6191200	6191300	6191400
EAN number	4014162619112	4014162619129	4014162619136	4014162619143
EAN as barcode				
Performance	8 W	9 W	13 W	15 W
Length	438 mm	549 mm	742 mm	849 mm
Expiry months	-	-	-	-
RRP incl. VAT				
Base price				
Nominal filling quantity	-	-	-	-
Base quantity	1 St	1 St	1 St	1 St
Gross weight	995.000 g	1150.000 g	1337.000 g	1480.000 g
Net weight	779 g	934 g	1020 g	1163 g
Weight change	-	-	-	-

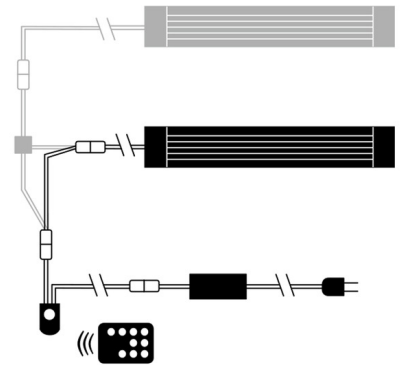
Article data			
Product name	JBL LED SOLAR EFFECT 16 W, 1047mm	JBL LED SOLAR EFFECT 19 W, 1149/1200mm	JBL LED SOLAR EFFECT 20 W, 1449/1500mm
Art. No.	6191500	6191600	6191700
EAN number	4014162619150	4014162619167	4014162619174
EAN as barcode			
Performance	16 W	19 W	20 W
Length	1047 mm	1149 mm	1449 mm
Expiry months	-	-	-
RRP incl. VAT			
Base price			
Nominal filling quantity	-	-	-
Base quantity	1 St	1 St	1 St
Gross weight	1643.000 g	1849.000 g	2053.000 g
Net weight	1275 g	1481 g	1637 g
Weight change	-	-	-



# JBL LED SOLAR CONTROL

Control unit for JBL LED SOLAR lights

Suitable for:



- To operate JBL LED SOLAR Natur individually or in combination with a JBL LED SOLAR Effect. Biotope data, effects, thunder storm, sunrise and sunset to be operated by mobile
- Easy to operate: replace existing IR receiver with the JBL control unit and adjust the effects you want with the app
- 5 programmes retrievable + additional programmes for manual entries (biotope South America & Africa, aquascaping plants, goldfish, community aquarium, each programme with acclimatisation setting)
- Biotope data contain dry and wet season, cloudiness, lightning storm, as well as sunrise and sunset
- Package contents: control unit to connect to the JBL LED SOLAR system for 2 lights (1x Natur & 1x Effect); the app you require is always free of charge



# JBL LED SOLAR CONTROL



## Product information

The remote control included in the JBL LED SOLAR Natur allows you to dim the light gradually and to choose between three colour temperatures.

As soon as you have added the JBL LED SOLAR Natur to your JBL LED SOLAR Control (ideally in combination with JBL LED SOLAR Effect), a new world of control will open up to you:

With the help of the JBL LED SOLAR Control you can load the biotope data from the Pantanal (Southeast Brazil) or from the region of the East African Rift Valley lakes (Malawi and Tanganyika). Your LEDs will then emulate the local climatic situations according to the seasons (incl. dry and wet seasons, lightning storms and cloudiness).

In goldfish aquariums the light especially highlights their beautiful colours and for community aquariums you can set a light to reproduce a tropical day with 10 h of sun, the right light for plants and vibrant colours for the fish. Lightning storms and cloudiness are created by a random generator.

There is a light programme for fans of heavily planted aquariums (aquascaping) which resembles the programme for community aquariums but with a higher light intensity.

For every programme you can select the acclimatisation mode at the beginning to make it easier for your plants to adapt from your previous lighting with fluorescent tubes to the significantly brighter light of the LEDs without any problems.

You can, of course, select each programme without acclimatisation.

In a manual mode, you can also set your own lighting situations. For all the programmes mentioned here there are 2 LED lamp types available: 1.) JBL LED SOLAR Natur and 2.) JBL LED SOLAR Effect. If you only run the JBL LED SOLAR Natur with the JBL LED SOLAR Control, but without the JBL LED SOLAR Effect, you'll be able to use all the functions, such as lightning storms, cloudiness as well as sunrise or sunset, but without colour effects!



## Product details

Article data	
Product name	JBL LED SOLAR CONTROL
Art. No.	6191800
EAN number	4014162619181
EAN as barcode	
For	Natur
For	Effect
Expiry months	-
RRP incl. VAT	
Base price	
Nominal filling quantity	-
Base quantity	1 St
Gross weight	266.800 g
Net weight	114 g
Weight change	-



# JBL PROCRISTAL UV-C Compact plus 5 W

Comp. UV-C water clarifier 5W against water cloudiness



Suitable for:



JBL PROCRISTAL	Anwendung / Application / Utilisation			
	Tisch / Pond / Bassin / Vijver	Aquarium		
5W	Vol. (l)	Vol. (l)	Vol. (l)	Vol. (l)
5W	-	-	100 - 300	100 - 300
5W	-	-	50 - 100	100 - 300
11W	-	-	200 - 800	200 - 500
11W	-	-	100 - 200	200 - 500
18W	10.000 - 15.000	2.000 - 4.000	600 - 1.500	300 - 500
18W	2.000 - 4.000	2.000 - 4.000	200 - 400	300 - 500
36W	20.000 - 30.000	2.000 - 4.000	1.500 - 3.000	400 - 1.000
36W	4.000 - 8.000	2.000 - 4.000	300 - 800	400 - 1.000

- Cristal-clear and healthy water: 5 W UV-C clarifier for the quick and efficient elimination of greenish and whitish cloudiness in freshwater and marine aquariums
- Space-saving assembly: connect to external filter. Inlet and outlet are positioned for practical use. Shortest Installation length: 32 cm
- Germ-killing UVC radiation, reduces risk of infection, no change to the water values, no effect on cleansing bacteria in the filter
- TÜV tested, safety switch: UV-C bulb switches off automatically when the device is opened. Sturdy, UV-resistant casing, 2- glass-cylinder design
- Package contents: complete UV-C device, 2 m cable, UV-C bulb 5 W, socket: G23, wall mount, screws, nozzle hose connections for 12-19 mm hoses. Guarantee: 2 years (+2 years upon registration of the product)



# JBL PROCRISTAL UV-C Compact plus 5 W



## Product information

### Crystal-clear and healthy water

Poor light conditions, over-fertilisation or even a surplus of nutrients can have negative effects on the aquarium water and may promote algae growth. Floating algae lead to green, bacteria to white clouding. The JBL water clarifier eliminates cloudiness caused by bacteria and floating algae. The aquarium water passes through the sturdy, UV-resistant casing of the clarifier. The UV radiation kills off bacteria, other germs and floating algae as the water passes through. The efficiency of this UV-C water clarifier is particularly high, as the glass bulb is surrounded by a polished, reflective stainless steel foil, which reflects the UV-C radiation and thus doubles the efficiency. This can also help to eliminate persistent algae, such as thread algae, since their spores are also largely killed off.

### No harmful side effects

No change of the water values / no negative influence on the essential cleansing bacteria in the filter.

### Easy to install

Connect the water clarifier to the external filter or a separate water pump. Thanks to the 90° elbow included in the pack any installation position is possible.

### Safety

The JBL UV-C Water Clarifier is TÜV tested and has a safety switch for an automatic switch off when the device is opened. The casing is UV-resistant, consists of sturdy walls and has an LED light that indicates whether the UV-C bulb is switched on.

### Difference to the previous model JBL ProCristal UV-C Compact:

The function indicator light is now mounted on the flat side of the electrical unit and the microswitch for the automatic switch-off of the burner when the housing is opened (if the plug has not been removed) has been replaced by a magnetic safety switch. This means that the electrical units of the previous models (Compact) do NOT fit the new ones (Compact Plus) and vice versa.



## Product details

Article data	
Product name	JBL PROCRISTAL UV-C Compact plus 5 W
Art. No.	6047000
EAN number	4014162604705
EAN as barcode	
Performance	5 W
Length	27 cm
Expiry months	-
RRP incl. VAT	
Base price	
Nominal filling quantity	-
Base quantity	1 St
Gross weight	1828.000 g
Net weight	1476 g
Weight change	-



## JBL PROCRISTAL UV-C Compact plus 11 W

Compact UV-C water clarifier against water cloudiness



Suitable for:



JBL PROCRISTAL	Anwendung / Application / Utilisation			
	Teich / Pond / Bassin / Vijver		Aquarium	
	Vol. (l)	(l/h)	Vol. (l)	(l/h)
<b>5W</b>	-	-	100 - 300	100 - 300
	-	-	50 - 100	100 - 300
<b>11W</b>	-	-	200 - 800	200 - 500
	-	-	100 - 200	200 - 500
<b>18W</b>	10.000 - 15.000	2.000 - 4.000	600 - 1.500	300 - 500
	2.000 - 4.000	2.000 - 4.000	200 - 400	300 - 500
<b>36W</b>	20.000 - 30.000	2.000 - 4.000	1.500 - 3.000	400 - 1.000
	4.000 - 8.000	2.000 - 4.000	300 - 800	400 - 1.000

- Cristal-clear and healthy water: 11 W UV-C clarifier for the quick and efficient elimination of greenish and whitish cloudiness in freshwater and marine aquariums
- Space-saving assembly: connect to external filter. Inlet and outlet are positioned for practical use. Shortest installation length: 42 cm
- Germ-killing UVC radiation, reduces risk of infection, no change to the water values, no effect on cleansing bacteria in the filter
- TÜV tested, safety switch: UV-C bulb switches off automatically when the device is opened. Sturdy, UV-resistant casing, 2- glass-cylinder design
- Package contents: complete UV-C device, 2 m cable, UV-C bulb 11 W, socket: G23, wall mount, screws, nozzle hose connections for 16-19 mm hoses. Guarantee: 2 years (+2 years upon registration of the product)



## JBL PROCRISTAL UV-C Compact plus 11 W



### Product information

#### Crystal-clear and healthy water

Poor light conditions, over-fertilisation or even a surplus of nutrients can have negative effects on the aquarium water and may promote algae growth. Floating algae lead to green, bacteria to white clouding. The JBL water clarifier eliminates cloudiness caused by bacteria and floating algae. The aquarium water passes through the sturdy, UV-resistant casing of the clarifier. The UV radiation kills off bacteria, other germs and floating algae as the water passes through. The efficiency of this UV-C water clarifier is particularly high, as the glass bulb is surrounded by a polished, reflective stainless steel foil, which reflects the UV-C radiation and thus doubles the efficiency. This can also help to eliminate persistent algae, such as thread algae, since their spores are also largely killed off.

#### No harmful side effects

No change of the water values / no negative influence on the essential cleansing bacteria in the filter.

#### Easy to install

Connect the water clarifier to the external filter or a separate water pump. Thanks to the 90° elbow included in the pack any installation position is possible.

#### Safety

The JBL UV-C Water Clarifier is TÜV tested and has a safety switch for an automatic switch off when the device is opened. The casing is UV-resistant, consists of sturdy walls and has an LED light that indicates whether the UV-C bulb is switched on.

#### Difference to the previous model JBL ProCristal UV-C Compact:

The function indicator light is now mounted on the flat side of the electrical unit and the microswitch for the automatic switch-off of the burner when the housing is opened (if the plug has not been removed) has been replaced by a magnetic safety switch. This means that the electrical units of the previous models (Compact) do NOT fit the new ones (Compact Plus) and vice versa.



### Product details

Article data	
Product name	JBL PROCRISTAL UV-C Compact plus 36 W
Art. No.	6047100
EAN number	4014162604712
EAN as barcode	
Performance	11 W
Length	36,5 cm
Expiry months	-
RRP incl. VAT	
Base price	
Nominal filling quantity	-
Base quantity	1 St
Gross weight	2306.000 g
Net weight	1906 g
Weight change	-



## JBL PROCRISTAL UV-C Compact plus 18 W

Comp. UVC water clarifier 18W against water cloudiness



Suitable for:



JBL PROCRISTAL	Anwendung / Application / Utilisation			
	Tisch / Pond / Bassin / Vijver	Aquarium	Aquarium	Aquarium
	Vol. (l)	(l/h)	Vol. (l)	(l/h)
<b>5W</b>	-	-	100 - 300	100 - 300
	-	-	50 - 100	100 - 300
<b>11W</b>	-	-	200 - 800	200 - 500
	-	-	100 - 200	200 - 500
<b>18W</b>	10.000 - 15.000	2.000 - 4.000	600 - 1.500	300 - 500
	2.000 - 4.000	2.000 - 4.000	200 - 400	300 - 500
<b>36W</b>	20.000 - 30.000	2.000 - 4.000	1.500 - 3.000	400 - 1.000
	4.000 - 8.000	2.000 - 4.000	300 - 800	400 - 1.000

- Crystal-clear and healthy water: 18 W UV-C water clarifier for the quick and efficient elimination of greenish and whitish cloudiness in freshwater and marine aquariums and in garden ponds
- Space-saving assembly: connect to external filter or separate pump. Inlet and outlet are positioned for practical use. Shortest installation length: 42 cm
- Germ-killing UVC radiation, reduces risk of infection, no change to the water values, no effect on cleansing bacteria in the filter
- TÜV tested, safety switch: UV-C bulb switches off automatically when the device is opened. Sturdy, UV-resistant casing, 2- glass-cylinder design
- Package contents: complete UV-C device, 5 m cable, UV-C bulb 18 W, socket: 2G11, wall mount, V2A screws, nozzle hose connections for 12 - 40 mm hoses. Guarantee: 2 years (+2 years upon registration of the product)



## JBL PROCRISTAL UV-C Compact plus 18 W



### Product information

#### Crystal-clear and healthy water

Poor light conditions, over-fertilisation or even a surplus of nutrients can have negative effects on the aquarium water and may promote algae growth. Floating algae lead to green, bacteria to white clouding. The JBL water clarifier eliminates cloudiness caused by bacteria and floating algae. The aquarium water passes through the sturdy, UV-resistant casing of the clarifier. The UV radiation kills off bacteria, other germs and floating algae as the water passes through. The efficiency of this UV-C water clarifier is particularly high, as the glass bulb is surrounded by a polished, reflective stainless steel foil, which reflects the UV-C radiation and thus doubles the efficiency. This can also help to eliminate persistent algae, such as thread algae, since their spores are also largely killed off.

#### No harmful side effects

No change of the water values / no negative influence on the essential cleansing bacteria in the filter.

#### Easy to install

Connect the water clarifier to the external filter or a separate water pump. Thanks to the 90° elbow included in the pack any installation position is possible.

#### Safety

The JBL UV-C Water Clarifier is TÜV tested and has a safety switch for an automatic switch off when the device is opened. The casing is UV-resistant, consists of sturdy walls and has an LED light that indicates whether the UV-C bulb is switched on.

#### Difference to the previous model JBL ProCristal UV-C Compact:

The function indicator light is now mounted on the flat side of the electrical unit and the microswitch for the automatic switch-off of the burner when the housing is opened (if the plug has not been removed) has been replaced by a magnetic safety switch. This means that the electrical units of the previous models (Compact) do NOT fit the new ones (Compact Plus) and vice versa.



### Product details

Article data	
Product name	JBL PROCRISTAL UV-C Compact plus 18 W
Art. No.	6047200
EAN number	4014162604729
EAN as barcode	
Performance	18 W
Length	36,5 cm
Expiry months	-
RRP incl. VAT	
Base price	
Nominal filling quantity	-
Base quantity	1 St
Gross weight	2776.000 g
Net weight	2376 g
Weight change	-



## JBL PROCRISTAL UV-C Compact plus 36 W

Comp. UVC water clarifier 36W against water cloudiness

**NEW**

Suitable for:



- Crystal-clear and healthy water : 36 W UV-C water clarifier for the quick and efficient elimination of greenish and whitish cloudiness in freshwater and marine aquariums and in garden ponds
- Space-saving assembly: connect to external filter or separate pump. Inlet and outlet are positioned for practical use. Shortest Installation length: 61 cm
- Germ-killing UVC radiation, reduces risk of infection, no change to the water values, no effect on cleansing bacteria in the filter
- TÜV tested, safety switch: UV-C bulb switches off automatically when the device is opened. Sturdy, UV-resistant casing, 2- glass-cylinder design
- Package contents: complete UV-C device, 5 m cable, UV-C bulb 36 W, socket: 2G11, wall mount, V2A screws, nozzle hose connections for 12 - 40 mm hoses. Guarantee: 2 years (+2 years upon registration of the product)



## JBL PROCRISTAL UV-C Compact plus 36 W



### Product information

#### Crystal-clear and healthy water

Poor light conditions, over-fertilisation or even a surplus of nutrients can have negative effects on the aquarium water and may promote algae growth. Floating algae lead to green, bacteria to white clouding. The JBL water clarifier eliminates cloudiness caused by bacteria and floating algae. The aquarium water passes through the sturdy, UV-resistant casing of the clarifier. The UV radiation kills off bacteria, other germs and floating algae as the water passes through. The efficiency of this UV-C water clarifier is particularly high, as the glass bulb is surrounded by a polished, reflective stainless steel foil, which reflects the UV-C radiation and thus doubles the efficiency. This can also help to eliminate persistent algae, such as thread algae, since their spores are also largely killed off.

#### No harmful side effects

No change of the water values / no negative influence on the essential cleansing bacteria in the filter.

#### Easy to install

Connect the water clarifier to the external filter or a separate water pump. Thanks to the 90° elbow included in the pack any installation position is possible.

#### Safety

The JBL UV-C Water Clarifier is TÜV tested and has a safety switch for an automatic switch off when the device is opened. The casing is UV-resistant, consists of sturdy walls and has an LED light that indicates whether the UV-C bulb is switched on.

#### Difference to the previous model JBL ProCristal UV-C Compact:

The function indicator light is now mounted on the flat side of the electrical unit and the microswitch for the automatic switch-off of the burner when the housing is opened (if the plug has not been removed) has been replaced by a magnetic safety switch. This means that the electrical units of the previous models (Compact) do NOT fit the new ones (Compact Plus) and vice versa.



### Product details

Article data	
Product name	JBL PROCRISTAL UV-C Compact plus 36 W
Art. No.	6047300
EAN number	4014162604736
EAN as barcode	
Performance	36 W
Length	56,5 cm
Expiry months	-
RRP incl. VAT	
Base price	
Nominal filling quantity	-
Base quantity	1 St
Gross weight	3232.000 g
Net weight	2696 g
Weight change	-



# JBL PROTEMP e300

External heater for freshwater aquariums from 90-300 l



Suitable for:



- In-line heater integrated into the hose of the external aquarium filter, removing the need for a heater INSIDE an Aquarium
- Easy installation: cut through the hose from the external filter that feeds the water back into the aquarium, insert the external heater in between, insert the plug and set the water temperature you want
- This integration in the filter circuit ensures a very even distribution of the water temperature with an accuracy of +/- 0.5 °C in the aquarium
- LED display of the current and desired temperature. Interchangeable hose connections for 12/16, 16/22, and 19/25 mm with hose locks. Total length: 30.5 cm
- Package contents: 1 in-line heater 300 W for aquariums from 90-300 l (80-120 cm) with hose connections for 12/16, 16/22 and 19/25 mm and cleaning brush



# JBL PROTEMP e300



## Product information

Most aquarium fish come from tropical waters and need water temperatures between 22 and 30 °C. In community aquariums with fish/invertebrates from different regions, a water temperature of 24-26 °C has shown to be effective. 30 °C is only suitable for some fish breeding (e.g. discus fish). Many shrimp species come from cooler waters and do not tolerate temperatures of 25-30°C.

The water temperature should be set with a "regulated heater" which regulates the temperature automatically. For this purpose, there are rod-shaped heaters which are fixed in the aquarium (JBL ProTemp s) in various wattages and external heaters/in-line heaters which are integrated in the water-returning hose of an external filter (JBL ProTemp e) in two wattages. The advantage of external heaters is that it is one less product to be placed INSIDE the aquarium and the distribution of heat in the aquarium is more even. In addition, the digital display of the external heater always clearly shows the current water temperature.

Undergravel heating is NOT used to set the water temperature. An undergravel heating cable ensures a better flow of water through the substrate of the aquarium, as the heated water at the heating cable rises and colder water flows into the areas between the heating cables. Thus nutrients are flushed to the plant roots and ensure optimal plant growth. Undergravel heating cables must always be supplemented by a "main heater" (JBL ProTemp s or e).



## Product details

Article data	
Product name	JBL PROTEMP e300
Art. No.	6042700
EAN number	4014162604279
EAN as barcode	
Watt	300
-	-
Expiry months	-
RRP incl. VAT	
Base price	
Nominal filling quantity	-
Base quantity	1 St
Gross weight	500.000 g
Net weight	400 g
Weight change	-



# JBL PROTEMP e500

External heater for freshwater aquariums from 160-600l



Suitable for:



- In-line heater integrated into the hose of the external aquarium filter, removing the need for a heater INSIDE an Aquarium
- Easy installation: cut through the hose from the external filter that feeds the water back into the aquarium, insert the external heater in between, insert the plug and set the water temperature you want
- This integration in the filter circuit ensures a very even distribution of the water temperature with an accuracy of +/- 0.5 °C in the aquarium
- LED display of the current and desired temperature. Interchangeable hose connections for 12/16, 16/22, and 19/25 mm with hose locks. Total length: 30.5 cm
- Package contents: 1 in-line heater 500 W for aquariums from 160-600 l (100-150 cm) with hose connections for 12/16, 16/22 and 19/25 mm and cleaning brush



# JBL PROTEMP e500



## Product information

Most aquarium fish come from tropical waters and need water temperatures between 22 and 30 °C. In community aquariums with fish/invertebrates from different regions, a water temperature of 24-26 °C has shown to be effective. 30 °C is only suitable for some fish breeding (e.g. discus fish). Many shrimp species come from cooler waters and do not tolerate temperatures of 25-30°C.

The water temperature should be set with a "regulated heater" which regulates the temperature automatically. For this purpose, there are rod-shaped heaters which are fixed in the aquarium (JBL ProTemp s) in various wattages and external heaters/in-line heaters which are integrated in the water-returning hose of an external filter (JBL ProTemp e) in two wattages. The advantage of external heaters is that it is one less product to be placed INSIDE the aquarium and the distribution of heat in the aquarium is more even. In addition, the digital display of the external heater always clearly shows the current water temperature.

Undergravel heating is NOT used to set the water temperature. An undergravel heating cable ensures a better flow of water through the substrate of the aquarium, as the heated water at the heating cable rises and colder water flows into the areas between the heating cables. Thus nutrients are flushed to the plant roots and ensure optimal plant growth. Undergravel heating cables must always be supplemented by a "main heater" (JBL ProTemp s or e).



## Product details

Article data	
Product name	JBL PROTEMP e500
Art. No.	6042800
EAN number	4014162604286
EAN as barcode	
Watt	500
-	-
Expiry months	-
RRP incl. VAT	
Base price	
Nominal filling quantity	-
Base quantity	1 St
Gross weight	500.000 g
Net weight	400 g
Weight change	-

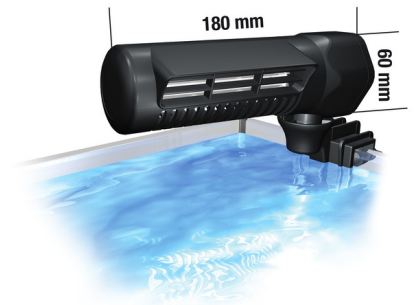


# JBL PROTEMP Cooler x200

Cooling fan for 60-200 l freshwater & marine aquariums



Suitable for:



- Cools water temperature by 2 - 4 °C despite high ambient temperatures: cooling fan with modern cross-flow fan and broad air flow for aquariums
- Easy to mount on the aquarium edge: pane thickness max. 2.4 cm. Air flow direction freely selectable and casing on mount rotatable by 360 °. Connect with power supply unit and plug power supply unit into the socket - the cooler is on
- Cool water through air flow at the water surface = evaporation cooling. Expandable with JBL CoolControl temperature control
- Safety: 12 V extra-low voltage, safety cover grid. Power supply for all common mains voltages worldwide. With adjustable air jet angle
- Package contents: 3 W cooling fan for aquariums, power supply unit with 150 cm cable leading to the cooling fan. Cylinder fan wheel 10 cm wide; casing width 18 cm, casing height 6 cm



# JBL PROTEMP Cooler x200



## Product information

### Temperature control

There are two important factors which affect the water temperature in the aquarium: firstly the room temperature and secondly direct sunlight. If the room temperature in summer increases significantly, it is important to check the temperature in the aquarium regularly. It should be 24-26 °C. Temperatures above 30 °C are a problem and can cause substantial damage to fish and plants. Furthermore aquariums should never be exposed to direct sunlight. The higher the temperature, the less effectively the oxygen, which is vital for the animals, dissolves.

### Easy to install

The bracket of the cooling fan is placed onto the aquarium rim (up to max. 2.4 cm thickness) and fixed with clamp screws.

### Cooling by evaporation

The JBL coolers for freshwater and marine aquariums cool down by 2-4 °C with the help of cross-flow fans. Due to the air flow the warm water evaporates at the water surface and thus generates evaporative cooling. This is comparable to evaporation cooling of a wet body part which is exposed to the wind.

### Safety

The water cooler has a safety cover grid and is operated with a low voltage of 12 V.



## Product details

Article data	
Product name	JBL PROTEMP Cooler x200
Art. No.	6042900
EAN number	4014162604293
EAN as barcode	
Length	180 mm
for litres	60-200
Expiry months	-
RRP incl. VAT	
Base price	
Nominal filling quantity	-
Base quantity	1 St
Gross weight	453.200 g
Net weight	340 g
Weight change	-

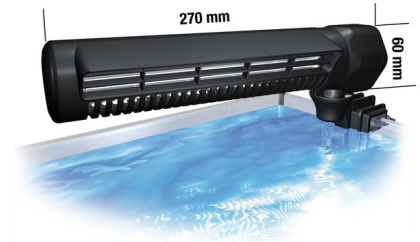


# JBL PROTEMP Cooler x300

Cooling fan for 90-300 l freshwater & marine aquariums



Suitable for:



- Cools water temperature by 2 - 4 °C despite high ambient temperatures: cooling fan with modern cross-flow fan and broad air flow for aquariums
- Easy to mount on the aquarium edge: pane thickness max. 2.4 cm. Air flow direction freely selectable and casing on mount rotatable by 360 °. Connect with power supply unit and plug power supply unit into the socket - the cooler is on
- Cool water through air flow at the water surface = evaporation cooling. Expandable with JBL CoolControl temperature control
- Safety: 12 V extra-low voltage, safety cover grid. Power supply for all common mains voltages worldwide. With adjustable air jet angle
- Package contents: 4 W cooling fan for aquariums, power supply unit with 150 cm cable leading to the cooling fan. Cylinder fan wheel 18.5 cm wide; casing width 27 cm, casing height 6 cm



# JBL PROTEMP Cooler x300



## Product information

### Temperature control

There are two important factors which affect the water temperature in the aquarium: firstly the room temperature and secondly direct sunlight. If the room temperature in summer increases significantly, it is important to check the temperature in the aquarium regularly. It should be 24-26 °C. Temperatures above 30 °C are a problem and can cause substantial damage to fish and plants. Furthermore aquariums should never be exposed to direct sunlight. The higher the temperature, the less effectively the oxygen, which is vital for the animals, dissolves.

### Easy to install

The bracket of the cooling fan is placed onto the aquarium rim (up to max. 2.4 cm thickness) and fixed with clamp screws.

### Cooling by evaporation

The JBL coolers for freshwater and marine aquariums cool down by 2-4 °C with the help of cross-flow fans. Due to the air flow the warm water evaporates at the water surface and thus generates evaporative cooling. This is comparable to evaporation cooling of a wet body part which is exposed to the wind.

### Safety

The water cooler has a safety cover grid and is operated with a low voltage of 12 V.



## Product details

Article data	
Product name	JBL PROTEMP Cooler x300
Art. No.	6043000
EAN number	4014162604309
EAN as barcode	
Length	270 mm
for litres	90-300
Expiry months	-
RRP incl. VAT	
Base price	
Nominal filling quantity	-
Base quantity	1 St
Gross weight	519.300 g
Net weight	379 g
Weight change	-



# JBL PROTEMP CoolControl

Thermostat to regulate cooling fans



Suitable for:



- Automatic activation of the cooling fan when a set temperature between 18 and 36 °C is exceeded (for all JBL Cooler cooling fans)
- Simple installation: plug JBL CoolControl connection cable into the JBL Cooler. Plug the power supply unit of the JBL Cooler into the JBL CoolControl. Select temperature and switch on
- Temperature setting wheel from 18-36 °C, function control diode, temperature sensor for measuring the water temperature, DC 5/2 mm plug
- Switch for Automatic, Manual or Off, operating voltage, function control diode, 12 V DC over power supply of the cooling fan
- Package contents: thermostat with temperature sensor and 132 cm connection cable to the JBL Cooler, suction holder for temperature sensor (90 cm cable) and double-sided adhesive tape for attachment



# JBL PROTEMP CoolControl



## Product information

### Temperature control

There are two important factors which affect the water temperature in the aquarium: firstly the room temperature and secondly direct sunlight. If the room temperature in summer increases significantly, it is important to check the temperature in the aquarium regularly. It should be 24-26 °C. Temperatures above 30 °C are a problem and can cause substantial damage to fish and plants. Furthermore aquariums should never be exposed to direct sunlight. The higher the temperature, the less effectively the oxygen, which is vital for the animals, dissolves.

### Easy to install

The bracket of the cooling fan is placed onto the aquarium rim (up to max. 2.4 cm thickness) and fixed with clamp screws.

### Cools by evaporation

The JBL coolers for freshwater and marine aquariums cool between 2-4 °C with the help of cross-flow fans. Due to the air flow the warm water evaporates at the water surface and thus generates evaporative cooling. This is comparable to evaporation cooling a wet body part exposed to the wind.

### Temperature control:

By expanding a JBL ProTemp Cooler with the JBL ProTemp CoolControl, the cooler can be switched on automatically if the set temperature at the CoolControl between 18 and 36 °C is exceeded. Once the temperature reduction has been reached or exceeded, the cooler switches off again.

### Safety

The water cooler has a safety cover grid and is operated with a low voltage of 12 V.



## Product details

Article data	
Product name	JBL PROTEMP CoolControl
Art. No.	6043900
EAN number	4014162604392
EAN as barcode	
Performance	12 V
For	x2/300
Expiry months	-
RRP incl. VAT	
Base price	
Nominal filling quantity	-
Base quantity	1 St
Gross weight	113.000 g
Net weight	84 g
Weight change	-



# JBL Fish Net, coarse

Wide-mesh premium aquarium net



Suitable for:     



- Gentle capture of aquarium fish: wide-meshed aquarium net with black net
- Use in fresh and saltwater aquariums
- Makes catching fish easier thanks to black net fabric, extra durable nylon netting, reinforced handle for daily use
- Available in various sizes and handle lengths
- Contents: wide-mesh fish net Premium coarse



# JBL Fish Net, coarse



## Product information

Catch your fish gently and quickly

Before setting up a new aquarium or when moving them to another aquarium you need to catch your fish. With the JBL fish net you can catch the fish without causing stress or injury.

To make catching fish easier

Black net makes catching fish demonstrably easier. The catch net has a reinforced handle for daily use and is made of extra durable nylon netting. Suitable for use in freshwater and marine water aquariums.

Exact dimensions: width x height + handle length

8x6,5 +24.5 cm

10x8 +25 cm

12x10 +25 cm

15x13 +30 cm

15x13 +41 cm

20x15.5 +35 cm

25x18 +36 cm



## Product details

Article data				
Product name	JBL fish net 5.5cm. coarse	JBL Fish Net 8 cm, coarse	JBL Fish Net 10 cm, coarse	JBL Fish Net 12 cm, coarse
Art. No.	6103200	6103300	6103400	6103500
EAN number	4014162610324	4014162610331	4014162610348	4014162610355
EAN as barcode				
Length	31 cm	31 cm	33 cm	35 cm
Width	5,5-6 cm	8 cm	10 cm	12 cm
Expiry months	-	-	-	-
RRP incl. VAT				
Base price				
Nominal filling quantity	-	-	-	-
Base quantity	1 St	1 St	1 St	1 St
Gross weight	41.600 g	41.000 g	45.000 g	52.000 g
Net weight	40 g	39 g	42 g	47 g
Weight change	-	1000	1000	1000



# JBL Fish Net, fine

Narrow-mesh premium aquarium net

Suitable for:     



- Catch aquarium fish gently: narrow-meshed aquarium net with black net
- Use in fresh and saltwater aquariums
- Makes catching fish easier thanks to black net fabric, extra durable nylon netting, reinforced handle for daily use
- Available in various sizes and handle lengths
- Contents: narrow-mesh fish net Premium fine



# JBL Fish Net, fine



## Product information

Catch your fish gently and quickly

Before setting up a new aquarium or when moving them to another aquarium you need to catch your fish. With the JBL fish net you can catch the fish without causing stress or injury.

To make catching fish easier

Black net makes catching fish demonstrably easier. The catch net has a reinforced handle for daily use and is made of extra durable nylon netting. Suitable for use in freshwater and marine water aquariums.

Exact dimensions: width x height + handle length

8x6,5 +24.5 cm

10x8 +25 cm

12x10 +25 cm

15x13 +30 cm

15x13 +41 cm

20x15.5 +35 cm

25x18 +36 cm



## Product details

Article data				
Product name	JBL fish net 5.5cm, fine	JBL Fish Net 8 cm, fine	JBL Fish Net 10 cm, fine	JBL Fish Net 12 cm, fine
Art. No.	6104000	6104100	6104200	6104300
EAN number	4014162610409	4014162610416	4014162610423	4014162610430
EAN as barcode				
Length	31 cm	31 cm	33 cm	35 cm
Width	5,5-6 cm	8 cm	10 cm	12 cm
Expiry months	-	-	-	-
RRP incl. VAT				
Base price				
Nominal filling quantity	-	-	-	-
Base quantity	1 St	1 St	1 St	1 St
Gross weight	41.600 g	41.000 g	45.000 g	52.000 g
Net weight	40 g	39 g	42 g	47 g
Weight change	-	1000	1000	1000

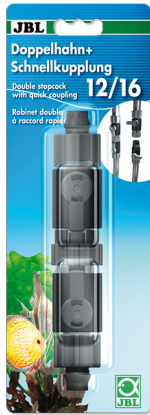


# JBL double stopcock+quick coupling

NEW

For connecting, disconnecting & shutting off hoses

Suitable for:



- A quick release coupling helps when technical devices such as external filters need to be disconnected from aquarium-mounted hoses for cleaning
- To assemble: cut through the hose, attach the hose ends to the quick release coupling and secure from slipping with lock nuts
- Freshwater and marine water resistant, extremely robust POM/ABS plastic. Not designed for tap water pressure (4 bar)
- The full water flow is maintained. No reduction in performance when used on technical equipment
- Package contents: 1 quick release coupling with stopcocks



# JBL double stopcock+quick coupling



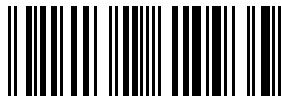
## Product information

Connecting technical equipment to the aquarium using hoses can mean that the hoses have to be completely dismantled for cleaning etc.

Quick-release couplings make dismantling the technical equipment much easier: just close the stopcocks on the quick release coupling, disconnect the quick release coupling and the technical product is separated from the aquarium for cleaning etc.



## Product details

Article data		
Product name	JBL double stopcock+quick coupling 12/16	JBL double stopcock+quick coupling 16/22
Art. No.	6109200	6109300
EAN number	4014162610928	4014162610935
EAN as barcode		
For	12/16	16/22
-	-	-
Expiry months	-	-
RRP incl. VAT		
Base price		
Nominal filling quantity	-	-
Base quantity	1 St	1 St
Gross weight	121.000 g	126.000 g
Net weight	91 g	96 g
Weight change	-	-



# JBL suction cup with clip, 6 mm

Transp. suction cups + clips for objects 6mm approx.

Suitable for:      



- High quality soft PVC suction cups with robust 6 mm clip for objects, such as hoses, pipes, glass tubes and the JBL PROFLORA Taifun P CO2 diffuser
- To attach: simply press the suction cup FIRMLY on the previously cleaned pane and press the hose etc. into the clip. For terrariums above water, moisten the suction cup beforehand
- The flexible but stable clips made of POM (a plastic with good mechanical properties and excellent sliding and wear behaviour) for all objects between 5 and 7 mm diameter
- Clip and suction holder can be separated. The transparent suction cups are unobtrusive and make the technology in the aquarium almost invisible
- Contents: 1 package contains two suction cups with clips



# JBL suction cup with clip, 6 mm

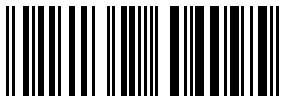


## Product information

Suction holders have become an integral part of aquaristics. They are used in many different ways to hold pipes, hoses and technical equipment in place. They are made of plastics that do not release toxic or harmful substances into the aquarium water, yet retain their flexibility and are slow to harden. Nevertheless EVERY suction cup loses its flexibility over time and must be replaced. The better the quality of the suction cups, the longer they remain flexible!



## Product details

Article data	
Product name	JBL suction cup with clip, 6 mm
Art. No.	6040900
EAN number	4014162604095
EAN as barcode	
For Ø	6 mm
Content	2 Pieces
Expiry months	-
RRP incl. VAT	
Base price	
Nominal filling quantity	-
Base quantity	1 St
Gross weight	13.000 g
Net weight	6 g
Weight change	-



# JBL suction cup with clip, 16 mm



Rubber suction pads for objects of 16 mm in diameter

Suitable for:



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



# JBL suction cup with clip, 16 mm



## Product information

Attachment of objects inside the aquarium.

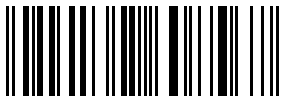
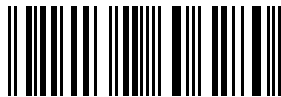
With the JBL rubber holder you can easily and reliably attach objects such as thermometers inside the aquarium.

Easy to attach

Click the object into the clip and position it in the desired place.





## Product details

Article data		
Product name	JBL suction cup with clip, 16 mm, black	JBL suction cup with clip, 16 mm, white
Art. No.	6085600	6062800
EAN number	4014162608567	4014162606280
EAN as barcode		
For Ø	16 mm	16 mm
Colour	schwarz	transp/weiß
Expiry months	-	-
RRP incl. VAT		
Base price		
Nominal filling quantity	-	-
Base quantity	1 St	1 St
Gross weight	15.000 g	18.000 g
Net weight	8 g	6 g
Weight change	1000	-



# JBL PROCLEAN TERRA

Glass cleaner for terrarium panes

Suitable for:  



- Clean terrarium panes: powerful glass cleaner with pump spray head
- Effortless cleaning: spray onto glass pane, dry it with soft lint-free cloth if required, repeat the procedure
- Removes most stubborn lime-scale from the inside and outside of the pane, cleans with the power of nature
- Safe for animals and plants
- Package contents: 250 ml glass cleaner with pump sprayer for terrarium panes



# JBL PROCLEAN TERRA



## Product information

### Clean terrarium panes

The JBL ProClean Terra removes even the most stubborn limescale from the terrarium pane. The powerful cleaner is non-hazardous to terrarium animals and dissolves lime scales on terrarium panes with no further agents required.

### Effortless cleaning

Spray on pane and wipe it dry with a soft lint-free cloth. Repeat, if required. In case of lime deposits allow several minutes to soak in before wiping off the deposits. For lime scales above the water level (e. g. in drinking and bathing areas) spray directly onto the cloth and wipe away the deposits.

### Different types of soiling:

In aquariums and terrariums you usually have to deal with 2 types of soiling: lime residue (whitish deposits) and organic soiling (such as algae coatings and faeces residues on decoration and technical products). You can quickly and easily remove limescale residues with JBL ProClean Aqua in aquariums and JBL ProClean Terra in terrariums. JBL ProClean Power helps with organic soiling.



## Product details

Article data	
Product name	JBL PROCLEAN TERRA
Art. No.	7103800
EAN number	4014162710383
EAN as barcode	
Content	250 ml
-	-
Expiry months	-
RRP incl. VAT	
Base price	
Nominal filling quantity	250.0000 ml
Base quantity	1 l
Gross weight	280.000 g
Net weight	250 g
Weight change	-



# JBL Reptil LED Daylight 12W

LED daylight lamp with full spectrum for terrariums



Suitable for:



- Energy-efficient LED daylight lamp without UV for illuminating terrariums and plants, with high colour rendering index CRI of 85
- Simply screw into the E27 socket and switch on. Replace after 4 years
- Sun-like spectrum (full spectrum) with 5000 K colour temperature for perfect plant growth and beautiful animal colours
- Add a heating mat for animals in need of UV with UVspotlights/L-U-W lamps or for heat-loving animals only
- Package contents: 1 LED light 12 W with full spectrum daylight and 1520 lumen & PAR 102  $\mu\text{mol}/\text{m}^2/\text{s}$  light output



# JBL Reptil LED Daylight 12W



## Product information

The lighting of your terrarium depends on the light requirements of your animals:

- Do your animals need a lot or little light?
- Do your animals need UV radiation or not?
- Do your animals need a different temperature during the day than at night?
- How far away are your animals from the light source?

By answering these questions, you can decide which type of lamp and possibly additional heating mat your animals need. Lamps such as the JBL Reptile LED Daylight are ideal for illuminating terrariums with plants. If the animals require additional UV light, a JBL UV-Spot Plus or a JBL L-U-W lamp is additionally required. These also simultaneously produce heat. For animals not in need of UV light, such as many amphibians, the JBL Reptile LED Daylight is ideal and may, depending on the animal, need to be supplemented with heat-generating technology. For amphibians from colder regions simply omit the heat-generating technology.

The PAR value gives a general idea of how much radiation from the lamp can really be used by the plants for photosynthesis. PAR is the abbreviation for Photosynthetically Active Radiation. The value of over 100 PAR measured at a distance of 20 cm shows that the lamp promotes plant growth of terrarium plants very well.




## Product details

Article data	
Product name	JBL Reptil LED Daylight 12W
Art. No.	6182700
EAN number	4014162618276
EAN as barcode	
Length	130 mm
Ø	65 mm
Expiry months	-
RRP incl. VAT	
Base price	
Nominal filling quantity	-
Base quantity	1 St
Gross weight	96.500 g
Net weight	58 g
Weight change	-



# JBL PROPOND STAPLE S

All-season food for koi and pond fish from 15-35 cm

Suitable for: 



- High-quality floating pellets with a diameter of 3 mm for all-season feeding at water temperatures of 10-25 °C
- To use: open the seal of the resealable bag and feed as much as the fish eat in a few minutes
- Ideal protein/fat ratio according to NEO index of 4:1 for healthy and disease-resistant fish (32 % protein, 8 % fat, 4 % crude fibre, 8 % crude ash)
- Healthy growth, beautiful colour formation and colour separation thanks to salmon and krill
- Package contents: sealed and resealable tin (0.34 kg) or bag with zipper (1.0 kg)



# JBL PROPOND STAPLE S



## Product information

NEO Index® literally means: natural, energy-optimised nutrition. Behind this lies the ratio of proteins to fats in the food. Looking at the season alone, the fish would only need half as much protein in winter (2:1) as in summer (4:1). But because not only the season (which means water temperature), but also the size and age of the fish, and food function (e.g. growth food) play determining roles, the NEO Index® has been developed to deal with all these factors in one.

JBL PROPOND STAPLE is an ideal all-season food for water temperatures between 10 and 25 °C. If the water temperatures fall below 10 °C, a special low-temperature food such as JBL PROPOND WINTER should be used. At water temperatures above 25 °C we recommend you change to a special "high temperature food" such as JBL PROPOND SUMMER.




## Product details

Article data		
Product name	JBL PROPOND STAPLE S 0.34 kg	JBL PROPOND STAPLE S 1 kg
Art. No.	4136400	4136500
EAN number	4014162413642	4014162413659
EAN as barcode		
Weight	0,34 kg	1 kg
Size	1 l	3 l
Expiry months	36	36
RRP incl. VAT		
Base price		
Nominal filling quantity	0.3400 kg	1.0000 kg
Base quantity	1 kg	1 kg
Gross weight	418.900 g	1038.000 g
Net weight	340 g	1000 g
Weight change	-	-



# JBL PROPOND STAPLE M

All-season food for koi and pond fish from 35-55 cm

Suitable for: 



- High-quality floating pellets with a diameter of 6 mm for all-season feeding at water temperatures of 10-25 °C
- To use: open the seal of the resealable bag and feed as much as the fish eat in a few minutes
- Ideal protein/fat ratio according to NEO index of 4:1 for healthy and disease-resistant fish (32 % protein, 8 % fat, 4 % crude fibre, 8 % crude ash)
- Healthy growth, beautiful colour formation and colour separation thanks to salmon and krill
- Package content: sealed and resealable bags with zipper



# JBL PROPOND STAPLE M



## Product information

NEO Index® literally means: natural, energy-optimised nutrition. Behind this lies the ratio of proteins to fats in the food. Looking at the season alone, the fish would only need half as much protein in winter (2:1) as in summer (4:1). But because not only the season (which means water temperature), but also the size and age of the fish, and food function (e.g. growth food) play determining roles, the NEO Index® has been developed to deal with all these factors in one.

JBL PROPOND STAPLE is an ideal all-season food for water temperatures between 10 and 25 °C. If the water temperatures fall below 10 °C, a special low-temperature food such as JBL PROPOND WINTER should be used. At water temperatures above 25 °C we recommend you change to a special "high temperature food" such as JBL PROPOND SUMMER.



## Product details

Article data		
Product name	JBL PROPOND STAPLE M 4.3 kg	JBL PROPOND STAPLE M 11 kg
Art. No.	4136600	4136800
EAN number	4014162413666	4014162413680
EAN as barcode		
Weight	4,3 kg	11 kg
Size	12 l	32 l
Expiry months	36	36
RRP incl. VAT		
Base price		
Nominal filling quantity	4.3000 kg	11.0000 kg
Base quantity	1 kg	1 kg
Gross weight	4379.000 g	11149.000 g
Net weight	4300 g	11000 g
Weight change	-	-



# JBL PROPOND AUTOFOOD

Weatherproof solar feeder for all pond fish

Available from: 31.08.2020

Suitable for: 



- Accurately feeds your pond fish the amount of food you set, up to 24 times a day (e.g. for juvenile fish), reliably and independent of the electricity supply
- Mount, programme feeding times and quantities (10 steps), fill with food and set throwing range to 0.5 or 1.0 m. Manual feeding possible
- Energy source selectable: use built-in solar panel with rechargeable battery or connect directly to power source via 5 m mains cable. With recessed grips for convenient handling
- Can hold up to 25 litres of food. Water temperature (important for the type of food) is indicated on the digital display by the included temperature sensor
- Package contents: ready-to-operate automatic feeder with solar panel, power supply and water temperature sensor. 2 red LEDs indicate low food in the container. Dimensions: 375 x 375 x 462 mm



# JBL PROPOND AUTOFOOD



## Product information

An automatic feeder for pond fish offers many advantages: Your Koi and other pond fish are reliably supplied with food when you are away on holiday or on weekend trips. You decide when and how much the JBL automatic feeder has to feed. But you can also ignore the set programme at any time and start feeding manually.

The selectable throwing range ensures that even the slightly smaller or weaker pond fish are fed.

The water temperature sensor (included), which you can position in any water depth up to 3 m, shows you the water temperature digitally on the waterproof display. So you can always select the right food to suit the prevailing water temperature.

The JBL proPond food concept has been developed to take the season, water temperature, living conditions and size of the fish into account.

The JBL ProPond AutoFood is completely weatherproof and rainproof.



## Product details

Article data	
Product name	JBL PROPOND AUTOFOOD
Art. No.	2801700
EAN number	4014162280176
EAN as barcode	
For	25 l
With	Solar
Expiry months	-
RRP incl. VAT	
Base price	
Nominal filling quantity	-
Base quantity	1 St
Gross weight	9800.000 g
Net weight	7800 g
Weight change	-



# JBL pond fish net S, fine

Fine-meshed net with 160 cm telescopic handle



Suitable for: 



- For catching pond fish gently with soft, fine and black net. Also for collecting leaves or catching live food
- Very durable, as the net is attached to the aluminium holder INSIDE (edge protection). Telescopic handle extendable from 95-160 cm. Total length max. 195 cm
- Extremely stable net with 4-point mounting on the extendable aluminium handle. Mesh size 0.9 mm. Net: 40x35 cm
- Stem has secure foam grip to preclude slipping. Sturdy 1.1 cm thick red aluminium net mounting (not clearly visible to fish). The net is attached from the inside so that it cannot be damaged from the outside
- Packaging content: 1 fine, 40x35 cm large, black net with extendable telescopic handle



# JBL pond fish net S, fine



## Product information

### TO MAKE CATCHING FISH EASIER

With the JBL fish net you can catch the fish without causing stress or injury. The pond catch net has a telescopic aluminium handle and a robust net. Is also often used for removing leaves from the pond water. Fish do not see the red colour very well under water! That's why we chose this colour for the net holder.



## Product details

Article data	
Product name	JBL pond fish net S, fine
Art. No.	2870400
EAN number	4014162287045
EAN as barcode	
Mesh size	0,9 mm
Width	40 cm
Expiry months	-
RRP incl. VAT	
Base price	
Nominal filling quantity	-
Base quantity	1 St
Gross weight	617.300 g
Net weight	580 g
Weight change	-



# JBL pond fish net S, coarse

Coarse-meshed net with 160 cm telescopic handle



Suitable for: 



- For catching pond fish gently with coarse and black net. Also very suitable for collecting leaves
- Very durable, as the net is attached to the aluminium holder INSIDE (edge protection). Telescopic handle extendable from 95-160 cm. Total length max. 195 cm
- Extremely stable net with 4-point mounting on the extendable aluminium handle. Mesh size 4.0 mm. Net: 40x35 cm
- Stem has secure foam grip to preclude slipping. Sturdy 1.1 cm thick red aluminium net mounting (not clearly visible to fish). The net is attached from the inside so that it cannot be damaged from the outside
- Packaging content: 1 coarse, 40x35 cm large, black net with extendable telescopic handle



# JBL pond fish net S, coarse



## Product information

### TO MAKE CATCHING FISH EASIER

With the JBL fish net you can catch the fish without causing stress or injury. The pond catch net has a telescopic aluminium handle and a robust net. Is also often used for removing leaves from the pond water. Fish do not see the red colour very well under water! That's why we chose this colour for the net holder.



## Product details

Article data	
Product name	JBL pond fish net S, coarse
Art. No.	2870300
EAN number	4014162287038
EAN as barcode	
Mesh size	4 mm
Width	40 cm
Expiry months	-
RRP incl. VAT	
Base price	
Nominal filling quantity	-
Base quantity	1 St
Gross weight	617.300 g
Net weight	580 g
Weight change	-



# JBL pond fish net M, fine

Large fine-meshed net with 160 cm telescopic handle



Suitable for: 



- For catching pond fish gently with fine and black net. Also very suitable for collecting leaves and catching live food
- Very durable, as the net is attached to the aluminium holder INSIDE (edge protection). Telescopic handle extendable from 95-160 cm . Total length max. 203 cm
- Extremely stable net with 4-point mounting on the extendable aluminium handle. Mesh size 0.9 mm. Net: 50x43 cm
- Stem has secure foam grip to preclude slipping. Sturdy 1.1 cm thick red aluminium net mounting (not clearly visible to fish). The net is attached from the inside so that it cannot be damaged from the outside
- Packaging content: 1 fine, 50x43 cm large, black net with extendable telescopic handle



# JBL pond fish net M, fine



## Product information

### TO MAKE CATCHING FISH EASIER

With the JBL fish net you can catch the fish without causing stress or injury. The pond catch net has a telescopic aluminium handle and a robust net. Is also often used for removing leaves from the pond water. Fish do not see the red colour very well under water! That's why we chose this colour for the net holder.



## Product details

Article data	
Product name	JBL pond fish net M, fine
Art. No.	2870800
EAN number	4014162287083
EAN as barcode	
Mesh size	0,9 mm
Width	50 cm
Expiry months	-
RRP incl. VAT	
Base price	
Nominal filling quantity	-
Base quantity	1 St
Gross weight	698.600 g
Net weight	659 g
Weight change	-



# JBL pond fish net M, coarse

Large coarse-meshed net with 160 cm telescopic handle



Suitable for: 



- For catching pond fish gently with coarse and black net. Also very suitable for collecting leaves
- Very durable, as the net is attached to the aluminium holder INSIDE (edge protection). Telescopic handle extendable from 95-160 cm. Total length max. 203 cm
- Extremely stable net with 4-point mounting on the extendable aluminium handle. Mesh size 4.0 mm. Net: 50x43 cm
- Stem has secure foam grip to preclude slipping. Sturdy 1.1 cm thick red aluminium net mounting (not clearly visible to fish). The net is attached from the inside so that it cannot be damaged from the outside
- Packaging content: 1 coarse, 50x43 cm large, black net with extendable telescopic handle



# JBL pond fish net M, coarse



## Product information

### TO MAKE CATCHING FISH EASIER

With the JBL fish net you can catch the fish without causing stress or injury. The pond catch net has a telescopic aluminium handle and a robust net. Is also often used for removing leaves from the pond water. Fish do not see the red colour very well under water! That's why we chose this colour for the net holder.



## Product details

Article data	
Product name	JBL pond fish net M, coarse
Art. No.	2870700
EAN number	4014162287076
EAN as barcode	
Mesh size	4 mm
Width	50 cm
Expiry months	-
RRP incl. VAT	
Base price	
Nominal filling quantity	-
Base quantity	1 St
Gross weight	698.600 g
Net weight	659 g
Weight change	-

# Heiko explains the world of aquaristics



The biologist and aquarist Heiko Blessin conveys the basics and the fascinating features of aquaristics in entertaining and easy to understand videos.

We hope you'll enjoy them!

All JBL TV films will soon also be available in English.



## JBL TV #1: Why do plants need a CO<sub>2</sub> system in the aquarium?

In this video, biologist Heiko Blessin explains why plants need CO<sub>2</sub> at all, why aquarium plants have different requirements and how to connect a JBL CO<sub>2</sub> system. CO<sub>2</sub> fertilisation for aquariums has never been explained more simply or more understandably!



[youtube.com/watch?v=BZ1RpcNQI98](https://youtube.com/watch?v=BZ1RpcNQI98)

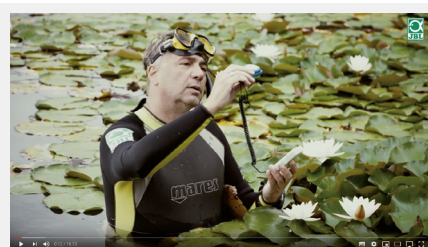


## JBL TV #2: Why do algae grow in the aquarium and how can you stop it?

When algae take over in the aquarium, there are always one or two causes. In this video, biologist Heiko Blessin explains very clearly and comprehensibly why algae grow at all and what we aquarium enthusiasts can do about it. The topic of algae in the aquarium has never been explained in a simpler and more understandable way!



[youtube.com/watch?v=hQXMPdwoefc](https://youtube.com/watch?v=hQXMPdwoefc)



## JBL TV #3: How do I get my plants to grow well in the aquarium?

If your plants aren't growing perfectly in the aquarium, this video will help you. Biologist Heiko Blessin explains clearly and comprehensibly what is necessary for perfect plant growth in the aquarium.



[youtube.com/watch?v=bWYhYxjqn00](https://youtube.com/watch?v=bWYhYxjqn00)



### **JBL TV #4: Why do we need a water conditioner for the aquarium?**

Have you ever wondered if you really need a water conditioner for your aquarium? Which substances in tap water can cause trouble for our aquarium inhabitants and how can they be neutralised?



[youtube.com/watch?v=hc08NmhoU6o](https://youtube.com/watch?v=hc08NmhoU6o)



### **JBL TV #5: What is a pH value and why is it important for the aquarium?**

Have you ever asked yourself exactly what makes up the logarithm of a pH value? Why does the pH value in our aquarium matter and how can we influence it?



[youtube.com/watch?v=E-n9HtiawXM](https://youtube.com/watch?v=E-n9HtiawXM)



### **JBL TV #6: Why do we need so many food types in the aquarium?**

There's so much to know. What kind of food should we choose? Which food size is right? How much should we feed?



[youtube.com/watch?v=RBraPOZcdU](https://youtube.com/watch?v=RBraPOZcdU)



### **JBL TV #7: Why do fish die in high nitrite levels and what can be done about it?**

How does the nitrogen cycle in the aquarium work? Why do nitrite values get too high and how can the value be reduced? Why adding salt is senseless.



[youtube.com/watch?v=NbCxIq2Jsh0](https://youtube.com/watch?v=NbCxIq2Jsh0)



### **JBL TV #8: Do the plants in your aquarium grow exactly as you want them to?**

What makes for ideal plant growth? All the factors for good plant growth: light, LED, tubes, fertilisation, fertilisation quantity, fertilisation monitoring, influence of water conditioners, chelated iron.



[youtube.com/watch?v=JejMJ4SVyk4](https://youtube.com/watch?v=JejMJ4SVyk4)



### **JBL TV #9: Why do aquarium fish fall sick and how can we treat them?**

Why do aquarium fish fall sick? What factors influence fish health? What influence does fish food have on the susceptibility to disease? How do you protect the fish's mucous membrane?

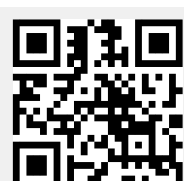


[youtube.com/watch?v=79xAsJ\\_0uCs](https://youtube.com/watch?v=79xAsJ_0uCs)



### **JBL TV #10: How to start an aquarium**

Why do you need a bacteria starter? What happens if you run an aquarium without a bacteria starter?



[youtube.com/watch?v=wKJitthETmU](https://youtube.com/watch?v=wKJitthETmU)

## Forward thinking Reliable Loyal to specialist retailers

Joachim Böhme founded the company, JBL, in Ludwigshafen in 1960. Over a period of 60 years, the small family business has developed into one of the leading suppliers of the aquarium, terrarium and pond trade.

Today JBL exports to over 65 countries and, with over 1000 articles, has one of the largest ranges of aquarium products in the world.

In the plant Neuhofen/Pfalz, where the expanding company has been located since 1984, production is focused on fish food and water care products.



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