



JBL PROFLORA CO₂ REFILL BIO

Refill set for Bio-CO₂ fertiliser systems

Suitable for: 



- Refill set for Bio-CO₂ fertiliser systems: 1 set supplies 30-80 l aquariums with basic plant nutrient carbon dioxide (mixed with water in the reaction canister) for 40 days
- Easy to use: put components A and B into the reaction canister, fill up with water, mix the components
- Natural, biological process: CO₂ extraction through fermentation process including stabiliser for constant CO₂ production
- Consists of the two components A and B
- Package contents: refill set for Bio-CO₂ systems consisting of one bag of component A and one bag of component B



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Product information

Nutrition for aquarium plants

Plants provide the aquarium with vital oxygen for your aquarium inhabitants, prevent algae growth, remove pollutants, provide hiding places and reduce pathogens. Plant fertiliser systems with CO2 cylinders supply the plants with the main nutrient CO2 through the water. The plants absorb this and convert it into sugar and oxygen in photosynthesis with the help of light.


The difference between Bio-CO2 and pressurised gas cylinder CO2 systems:

Bio-CO2 systems are based on the biological process of yeast fermentation, in which CO2 is produced. Here, 2 bio-components are made to react in a reaction canister. To replenish the system after about 40 days, the reaction canister only needs to be refilled with water and the two bio-components. In the CO2 pressurised gas cylinder system, the CO2 gas is present at about 60 bar in steel pressure cylinders. When they are empty, they can be refilled by a specialist retailer (reusable cylinders, M system) or they are disposable cylinders (U system) which are simply replaced.

It makes no difference to the plants where the CO2 comes from, whether it is from biological or pressurised cylinder systems. They grow much stronger as soon as a CO2 system is installed. The systems are of more concern to the aquarium owners, who have to decide whether they want disposable cylinders, refillable pressure cylinders or a pressureless bio system.

Caution with do-it-yourself construction!

Sugar and yeast produce the required CO2 in the fermentation process, but only for a short time and then very intensively! The JBL components contain stabilisers which allow the reaction process to run continuously and ensure CO2 production for 40 days.

Further information	
FAQ	✓
Blog	✓
Press	✗
Laboratory/calculator	✗
Worth reading	✓
Spare parts	✗
Video	✓
GarantiePlus	✗
Instructions	✓
QR code	





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Product details

Article data	
Product name	JBL PROFLORA CO2 REFILL BIO
Art. No.	6461300
EAN number	4014162646132
EAN as barcode	
For	40 days
-	-
Expiry months	24
RRP incl. VAT	10,49 €
Base price	-
Nominal filling quantity	-
Base quantity	1
Gross weight	248 g
Net weight	217 g
Weight change	-

Disposal	
Product name	JBL PROFLORA CO2 REFILL BIO
Art. No.	6461300
Green dot	✓
Group electronic waste	-
Disposal weight	-
Battery type	-
Battery return	-
Battery rechargeable	-
Disposal weight battery	-
Non-returnable glass	-
PPK	26 g
Plastic small	5 g
Plastic large	-
Disposal weight metal	0 g

Features	
Product name	JBL PROFLORA CO2 REFILL BIO
Art. No.	6461300
Animal species	Arowana, Axolotl, Barbels, Bettas, Bichirs/reedfish, Blowfish, Catfish, Cichlids (South America), Crayfish, Danions, Discus, Dwarf shrimps, Flowerhorn, Goldfish, Gouramis, Guppy, Juvenile fish, Killifish, Livebearers, Loaches, Panchaxes, Rainbowfish, Snails, Spiny eels, Tetra, Veiltails, freshwater butterflyfish
Animal size	For all animal sizes





Features	
Animal age group	All aquarium fish
Volume of habitat	-
Material	Nutrient mixture/yeast
Food type	-
Colour	brown / white
Dosage	see instruction manual
Transport conditions	-



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Electronic label / illuminant	
Product name	JBL PROFLORA CO2 REFILL BIO
Art. No.	6461300
Ambient temperature	-
Start time	-
Mercury	-
Tube length	-
Service life	-
Lumen	-
CRI value	-
Dimmable	-
Switching cycles	-
PAR value	-
Energy efficiency class	-
UV-A	-
UV-B	-
UV-C	-
Colour temperature	-
Base designation	-

Technical data	
Product name	JBL PROFLORA CO2 REFILL BIO
Art. No.	6461300
Range in litres	-
Range from - to	-
Range in days	40
Range tank length	-
Output in watts	-
Output per hour	-
Output per day	-
Height	140 mm
Length	105 mm
Width	43 mm
Diameter	-
Voltage	-
For	-
T8 26mm (watt)	-
T5 16mm (watt)	-
Size	-
Content for	-
Filter container volume	-
Volume filter media	-
Hose connections pressure/out	-
Hose connections suction/in	-
Delivery head	-





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Food type	-
Sub product type	-
Dosing	see instruction manual





Additional information for the specialist trade sector

Article data	
Product name	JBL PROFLORA CO2 REFILL BIO
Art. No.	6461300
VAT	20%
Sales unit (SU)	6
Volume packaging	0.632l
Dimensions (l/w/h)	43 mm/105 mm/140 mm
Layer	132
Pallet	1320
Category of products	3
Customs tariff	38249996
Country of origin	DE
Type of packaging	Faltschachtel/Karton

PU 1 data	
Product name	JBL PROFLORA CO2 REFILL BIO
Art. No.	6461300
PU 1 material	film gr
PU 1 weight	6 g
PU 1 length	106 mm
PU 1 width/depth	260 mm
PU 1 height	140 mm

PU 2 data	
Product name	JBL PROFLORA CO2 REFILL BIO
Art. No.	6461300
PU 2 material	None
PU 2 weight	-
PU 2 length	-
PU 2 width/depth	-
PU 2 height	-

Trade data	
Product name	JBL PROFLORA CO2 REFILL BIO
Art. No.	6461300
Till receipt text	CO2 REFILL BIO
Shelf placement	-

