



# JBL PROFLORA CO2 ADVANCED SET U

CO2 plant fertil. system compl. set + night switch-off

Suitable for:



- Ready-to-connect CO2 fertiliser system with solenoid valve for night switch-off. Provides the ideal supply for all aquarium plants in freshwater aquariums from 40 to 600 l while preventing algae
- Simple assembly: screw the pressure reducer with its mounted solenoid valve onto the cylinder, connect the hose with the bubble counter/check valve and reactor. Plug the solenoid valve into the timer (not included), set the bubble count - done
- Disposable storage cylinder. No hose slippage thanks to hose screw connections, check valve prevents water from entering the cylinder. Pressure gauges show cylinder and working pressure
- The correct CO2 concentration in the aquarium water is checked via the display of the CO2/pH permanent test included and can be readjusted if required
- Contents: 500 g disposable CO2 cylinder, pressure reducer with solenoid valve, 3 m hose, bubble counter with check valve, TAIFUN CO2 reactor + extension set, CO2/pH permanent test with reagents

You may also be interested in

You can find a complete overview here: <https://www.jbl.de/qr/64631>



**JBL PROFLORA CO2 CONTROL**  
 Measurement and control computer to regulate CO2 & pH



**JBL PROFLORA CO2 CYLINDER 500 U**  
 Disposable storage cylinder ready-filled with 500g CO2



**JBL PROFLORA CO2 CYLINDER 500 U 3x**  
 500g disposable CO2 storage cylinder (value pack of 3)



**JBL PROFLORA CO2 CYLINDER 1200 U**  
 Disposable storage bottle ready-filled with 1.2 kg CO2





# JBL PROFLORA CO2 ADVANCED SET U

## Accessories



### JBL PROFLORA CO2 CYLINDER 500 M

Refillable storage cylinder with 500 g CO2



### JBL PROFLORA CO2 CYLINDER 2000 M

Refillable storage cylinder, ready-filled with 2kg CO2



### JBL PROFLORA CO2 CYLINDER 500 U

Disposable storage cylinder ready-filled with 500g CO2



### JBL PROFLORA CO2 CYLINDER 500 U 3x

500g disposable CO2 storage cylinder (value pack of 3)



### JBL PROFLORA CO2 CYLINDER 1200 U

Disposable storage bottle ready-filled with 1.2 kg CO2



### JBL PROFLORA CO2 VALVE

CO2 solenoid valve for regulated CO2 addition



### JBL PROFLORA CO2 ADAPT U - M

CO2 conversion adapter disposable to refillable bottle



### JBL PROFLORA CO2 TAIFUN COUNT SAFE

CO2 bubble counter with built-in check valve



### JBL PROFLORA CO2 TAIFUN SAFESTOP

Water backflow protection for CO2 systems



### JBL PROFLORA CO2 TAIFUN TUBE

Dedicated CO2-resistant hose for aquariums



### JBL PROFLORA CO2 TAIFUN SPIRAL 10

Expandable CO2 reactor for freshwater aquariums



### JBL PROFLORA CO2 TAIFUN SPIRAL EXTEND

Extension for JBL PROFLORA CO2 TAIFUN SPIRAL 5 / 10





# JBL PROFLORA CO2 ADVANCED SET U

## Accessories



### JBL PROFLORA CO2 TAIFUN GLASS

Glass CO2 diffuser for  
freshwater tanks from 40-300 l



### JBL PROFLORA CO2 REGULATOR PROFESSIONAL

Pressure regulator with 2  
displays & valve for CO2



# JBL PROFLORA CO2 ADVANCED SET U



## Spare parts



**JBL PF CO2 flat gasket  
for u**



**JBL PF CO2 O-ring for  
VALVE**





# JBL PROFLORA CO2 ADVANCED SET U



## 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. The JBL plant fertiliser system supplies 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.

### Easy to install


The system comes completely ready to connect. Screw the pressure reducer onto the CO2 storage cylinder and connect it by hose to the bubble counter (incl. backflow protection) and then to the reactor in the aquarium. CO2 thus enters the aquarium and is dissolved in the water with the help of the reactor. The CO2 supply can be interrupted at night by the interposed solenoid valve (night switch-off). The CO2/pH Permanent Test permanently indicates the amount of CO2 dissolved in the water and can then be readjusted if necessary.

### Safe

Thanks to the check valve no water can enter the cylinder. The capacity of a CO2 system depends on various factors. The carbonate hardness, the quantity and species of the plants and the strength of the water surface movement are decisive. A 500 g cylinder which is not switched off by a solenoid valve during the night lasts for about 4 months in its default setting. The recyclable CO2 disposable cylinders can be purchased individually or in a cheaper 3-pack.

### Conversion from disposable to reusable cylinders and vice versa:

All JBL CO2 pressurised gas cylinder systems are compatible with each other. With the reusable system (M system), the union nut of the pressure reducer can simply be unscrewed with an Allen key. The pressure reducer then fits the U system (disposable cylinders). If you have a disposable system, you can make the pressure reducer suitable for refillable cylinders (M system) by screwing on the u-m adapter.

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





# JBL PROFLORA CO2 ADVANCED SET U



## Product details

Article data	
Product name	JBL PROFLORA CO2 ADVANCED SET U
Art. No.	6463100
EAN number	4014162646316
EAN as barcode	
Content	500 g
Range	40-600 l
Expiry months	48
RRP incl. VAT	272,62 €
Base price	-
Nominal filling quantity	-
Base quantity	1
Gross weight	4112 g
Net weight	3364 g
Weight change	-

Disposal	
Product name	JBL PROFLORA CO2 ADVANCED SET U
Art. No.	6463100
Green dot	✓
Group electronic waste	Small appliances that can be used in private households
Disposal weight	236 g
Battery type	-
Battery return	-
Battery rechargeable	-
Disposal weight battery	-
Non-returnable glass	-
PPK	748 g
Plastic small	-
Plastic large	-
Disposal weight metal	1164 g

Features	
Product name	JBL PROFLORA CO2 ADVANCED SET U
Art. No.	6463100





Features	
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
Animal age group	All aquarium fish
Volume of habitat	600 L
Material	Plastic (PC), metal (steel), metal (aluminium)
Food type	-
Colour	grey / black / transparent
Dosage	-
Transport conditions	Protect from direct sunlight during storage and transport and ensure good ventilation.



# JBL PROFLORA CO2 ADVANCED SET U

Electronic label / illuminant	
Product name	JBL PROFLORA CO2 ADVANCED SET U
Art. No.	6463100
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 ADVANCED SET U
Art. No.	6463100
Range in litres	-
Range from - to	40-600l
Range in days	-
Range tank length	-
Output in watts	-
Output per hour	-
Output per day	-
Height	380 mm
Length	80 mm
Width	140 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	-







Technical data	
Delivery head	-





# JBL PROFLORA CO2 ADVANCED SET U

Food type	-
Sub product type	-
Dosing	-





# JBL PROFLORA CO2 ADVANCED SET U

## Safety information

JBL PROFLORA CO2 ADVANCED SET U - safety information in accordance with GHS	
Signal word	Warning
Hazard symbol	
Risk phrase	H280: Contains gas under pressure; may explode if heated.
safety note	P410+P403: Protect from sunlight. Store in a well-ventilated place.

Further safety information	
Safety instructions	✓
QR code	





## Additional information for the specialist trade sector

Article data	
Product name	JBL PROFLORA CO2 ADVANCED SET U
Art. No.	6463100
VAT	19%
Sales unit (SU)	1
Volume packaging	15.6l
Dimensions (l/w/h)	158 mm/207 mm/477 mm
Layer	26
Pallet	52
Category of products	3
Customs tariff	84811099
Country of origin	DE
Type of packaging	Faltschachtel/Karton

PU 1 data	
Product name	JBL PROFLORA CO2 ADVANCED SET U
Art. No.	6463100
PU 1 material	None
PU 1 weight	-
PU 1 length	-
PU 1 width/depth	-
PU 1 height	-

PU 2 data	
Product name	JBL PROFLORA CO2 ADVANCED SET U
Art. No.	6463100
PU 2 material	None
PU 2 weight	-
PU 2 length	-
PU 2 width/depth	-
PU 2 height	-

Trade data	
Product name	JBL PROFLORA CO2 ADVANCED SET U
Art. No.	6463100
Till receipt text	CO2 ADV. SET U
Shelf placement	-