




# JBL PROFLORA CO2 BASIC BIO SET

Bio-CO2 fertiliser system for freshw. tanks (40-80 l)

Suitable for: 



- Supplies aquarium plants with their main nutrient CO<sub>2</sub>, for healthy & vigorous growth while preventing algae
- Easy to assemble: mix bio-components with water in reaction canister, connect hose with backflow protection and glass diffuser - done
- Natural: CO<sub>2</sub> production through biological fermentation process. Economical: 40 days of unwavering CO<sub>2</sub> production through an immediate and long-term buffer system. Bio-components can be purchased individually for refilling
- No CO<sub>2</sub> pressurised cylinder necessary. The system works exclusively via a biological process in a high-quality, transparent reaction canister
- Packaging contents: ready-to-connect Bio-CO<sub>2</sub> fertiliser system for freshwater aquariums with 40-80 l, incl. reaction canister, bio-components, 3 m special CO<sub>2</sub> hose, suction holder, backflow protection, glass diffuser



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## Accessories



### JBL PROFLORA CO2 REFILL BIO

Refill set for Bio-CO2 fertiliser systems



### JBL PROFLORA CO2 TAIFUN TUBE

Dedicated CO2-resistant hose for aquariums



### JBL PROFLORA CO2 TAIFUN GLASS

Glass CO2 diffuser for freshwater tanks from 40-300 l



### JBL PF CO2 BIO THERMAL CASING adhesive tape



### JBL PF CO2 BIO THERMAL CASING



# JBL PROFLORA CO2 BASIC BIO SET



Spare parts



**JBL Cap Nut Air/CO<sub>2</sub>  
hose**



**JBL PF CO2 BIO  
REAKTOR seal**



**JBL PF CO2 BIO  
REAKTOR filter**



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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 germs. The 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.


### 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 bottle/reaction vessel. To replenish the system after about 40 days, the reaction bottle/vessel 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 aquarists, who have to decide whether they want disposable cylinders, refillable pressure cylinders or a pressureless bio system.

In addition to CO2 fertilisation, it is important you don't neglect the other components that are necessary for healthy & vigorous growth of the aquarium plants: the right light (e.g. JBL LED SOLAR); sufficient fertilisation with minerals & trace elements (JBL PROFLORA FERROPOL); preferably a root fertilisation for strongly rooting plants with JBL PROFLORA FERROPOL ROOT/ The 7 Balls; the right water temperature (usually between 23 and 26 °C); and the absence of plant-eating fish.


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



# JBL PROFLORA CO2 BASIC BIO SET



## Product details

| Article data             |   |
|--------------------------|---|
| Product name             | JBL PROFLORA CO2 BASIC BIO SET  |
| Art. No.                 | 6461100   |
| EAN number               | 4014162646118   |
| EAN as barcode           |  |
| -                        | -   |
| Range                    | 40-80 l   |
| Expiry months            | 24  |
| RRP incl. VAT            | 40,98 €   |
| Base price               | -   |
| Nominal filling quantity | -   |
| Base quantity            | 1   |
| Gross weight             | 837 g   |
| Net weight               | 535 g   |
| Weight change            | -   |

| Disposal                |                                |
|-------------------------|--------------------------------|
| Product name            | JBL PROFLORA CO2 BASIC BIO SET |
| Art. No.                | 6461100                        |
| Green dot               | ✓                              |
| Group electronic waste  | -                              |
| Disposal weight         | -                              |
| Battery type            | -                              |
| Battery return          | -                              |
| Battery rechargeable    | -                              |
| Disposal weight battery | -                              |
| Non-returnable glass    | -                              |
| PPK                     | 297 g                          |
| Plastic small           | 5 g                            |
| Plastic large           | -                              |
| Disposal weight metal   | 0 g                            |

| Features       |   |
|----------------|---|
| Product name   | JBL PROFLORA CO2 BASIC BIO SET  |
| Art. No.       | 6461100   |
| Animal species | Arowana, Axolotl, Barbels, Bettas, Bichirs/reedfish, Blowfish, Catfish, Cichlids (South America), Crayfish, Danions, Discus, Dwarf shrimps, Flowerhorn, Gobies, 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    | 40-80 l                          |
| Material             | Plastic, nutrient mixture, yeast |
| Food type            | -                                |
| Colour               | transparent / black              |
| Dosage               | see instruction manual           |
| Transport conditions | -                                |



# JBL PROFLORA CO2 BASIC BIO SET

| Electronic label / illuminant |                                |
|-------------------------------|--------------------------------|
| Product name                  | JBL PROFLORA CO2 BASIC BIO SET |
| Art. No.                      | 6461100                        |
| 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 BASIC BIO SET |
| Art. No.                      | 6461100                        |
| Range in litres               | -                              |
| Range from - to               | 40-80l                         |
| Range in days                 | 40                             |
| Range tank length             | -                              |
| Output in watts               | -                              |
| Output per hour               | -                              |
| Output per day                | -                              |
| Height                        | 250 mm                         |
| Length                        | 75 mm                          |
| Width                         | 75 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 BASIC BIO SET |
| Art. No.             | 6461100                        |
| VAT                  | 27%                            |
| Sales unit (SU)      | 1                              |
| Volume packaging     | 5.73l                          |
| Dimensions (l/w/h)   | 95 mm/198 mm/305 mm            |
| Layer                | 48                             |
| Pallet               | 144                            |
| Category of products | 3                              |
| Customs tariff       | 38249996                       |
| Country of origin    | DE                             |
| Type of packaging    | Faltschachtel/Karton           |

| PU 1 data        |                                |
|------------------|--------------------------------|
| Product name     | JBL PROFLORA CO2 BASIC BIO SET |
| Art. No.         | 6461100                        |
| 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 BASIC BIO SET |
| Art. No.         | 6461100                        |
| PU 2 material    | None                           |
| PU 2 weight      | -                              |
| PU 2 length      | -                              |
| PU 2 width/depth | -                              |
| PU 2 height      | -                              |

| Trade data        |                                |
|-------------------|--------------------------------|
| Product name      | JBL PROFLORA CO2 BASIC BIO SET |
| Art. No.          | 6461100                        |
| Till receipt text | CO2 BASIC BIO                  |
| Shelf placement   | -                              |