



# JBL PROFLORA CO2 STARTER BIO SET

Bio-CO2 fertiliser system for freshw. tanks (10-40 l)

Suitable for:



- Supplies aquarium plants with the main nutrient CO2 for healthy and vigorous growth while preventing algae
- Very easy to assemble: mix bio-components with water in reaction canister, connect hose with diffuser stone - done
- Natural: CO2 production through biological fermentation process. Economical: 40 days of unwavering CO2 production through an immediate and long-term buffer system. Bio-components can be purchased individually for refilling
- No CO2 pressurised cylinder necessary. The system works exclusively via a biological process
- Package contents: ready-to-connect Bio-CO2 fertiliser system, incl. reaction canister, bio-components, 3 m special CO2 hose, suction holder, diffuser



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## Accessories



### JBL PROFLORA CO2 REFILL BIO

Refill set for Bio-CO2 fertiliser  
systems



### 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 GLASS

Glass CO2 diffuser for  
freshwater tanks from 40-300 l



# JBL PROFLORA CO2 STARTER BIO SET



Spare parts



**JBL PF CO2 STARTER  
BIO REAKTOR**



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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 CO<sub>2</sub> through the water. The plants absorb this and convert it into sugar and oxygen in photosynthesis with the help of light.

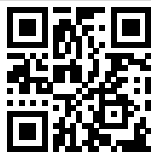
### The difference between Bio-CO<sub>2</sub> and pressurised gas cylinder CO<sub>2</sub> systems:

Bio-CO<sub>2</sub> systems are based on the biological process of yeast fermentation in which CO<sub>2</sub> is produced. Here 2 bio-components are made to react in a bottle. To replenish the system after about 40 days, the reaction bottle only needs to be refilled with water and the two bio-components.

In the CO<sub>2</sub> pressurised gas cylinder system, the CO<sub>2</sub> 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 CO<sub>2</sub> comes from, whether it is from biological or pressurised cylinder systems. They grow much stronger as soon as a CO<sub>2</sub> 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 CO<sub>2</sub> 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.

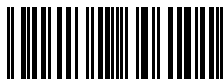
| Further information   |                                                                                     |
|-----------------------|-------------------------------------------------------------------------------------|
| FAQ                   | ✓                                                 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



# JBL PROFLORA CO2 STARTER BIO SET



## Product details

| Article data             |                                                                                   |
|--------------------------|-----------------------------------------------------------------------------------|
| Product name             | JBL PROFLORA CO2 STARTER BIO SET                                                  |
| Art. No.                 | 6461000                                                                           |
| EAN number               | 4014162646101                                                                     |
| EAN as barcode           |  |
| -                        | -                                                                                 |
| Range                    | 10-40 l                                                                           |
| Expiry months            | 24                                                                                |
| RRP incl. VAT            | 13,85 €                                                                           |
| Base price               | -                                                                                 |
| Nominal filling quantity | -                                                                                 |
| Base quantity            | 1                                                                                 |
| Gross weight             | 501 g                                                                             |
| Net weight               | 389 g                                                                             |
| Weight change            | -                                                                                 |

| Disposal                |                                  |
|-------------------------|----------------------------------|
| Product name            | JBL PROFLORA CO2 STARTER BIO SET |
| Art. No.                | 6461000                          |
| Green dot               | ✓                                |
| Group electronic waste  | -                                |
| Disposal weight         | -                                |
| Battery type            | -                                |
| Battery return          | -                                |
| Battery rechargeable    | -                                |
| Disposal weight battery | -                                |
| Non-returnable glass    | -                                |
| PPK                     | 107 g                            |
| Plastic small           | 5 g                              |
| Plastic large           | -                                |
| Disposal weight metal   | 0 g                              |

| Features       |                                                                                                                                                                                                                                                                                                                           |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product name   | JBL PROFLORA CO2 STARTER BIO SET                                                                                                                                                                                                                                                                                          |
| Art. No.       | 6461000                                                                                                                                                                                                                                                                                                                   |
| 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 |



| Features             |                                  |
|----------------------|----------------------------------|
| Animal size          | For all animal sizes             |
| Animal age group     | All aquarium fish                |
| Volume of habitat    | 10-40 l                          |
| Material             | Plastic, nutrient mixture, yeast |
| Food type            | -                                |
| Colour               | black / white / green            |
| Dosage               | -                                |
| Transport conditions | -                                |



# JBL PROFLORA CO2 STARTER BIO SET

| Electronic label / illuminant |                                  |
|-------------------------------|----------------------------------|
| Product name                  | JBL PROFLORA CO2 STARTER BIO SET |
| Art. No.                      | 6461000                          |
| 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 STARTER BIO SET |
| Art. No.                      | 6461000                          |
| Range in litres               | -                                |
| Range from - to               | 10-40                            |
| Range in days                 | 40                               |
| Range tank length             | -                                |
| Output in watts               | -                                |
| Output per hour               | -                                |
| Output per day                | -                                |
| Height                        | 290 mm                           |
| Length                        | 80 mm                            |
| Width                         | 80 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 STARTER BIO SET

|                  |   |
|------------------|---|
| Food type        | - |
| Sub product type | - |
| Dosing           | - |



## Additional information for the specialist trade sector

| Article data         |                                  |
|----------------------|----------------------------------|
| Product name         | JBL PROFLORA CO2 STARTER BIO SET |
| Art. No.             | 6461000                          |
| VAT                  | 19%                              |
| Sales unit (SU)      | 1                                |
| Volume packaging     | 3.51l                            |
| Dimensions (l/w/h)   | 95 mm/121 mm/305 mm              |
| Layer                | 20                               |
| Pallet               | 240                              |
| Category of products | 3                                |
| Customs tariff       | 38249996                         |
| Country of origin    | DE                               |
| Type of packaging    | Faltschachtel/Karton             |

| PU 1 data        |                                  |
|------------------|----------------------------------|
| Product name     | JBL PROFLORA CO2 STARTER BIO SET |
| Art. No.         | 6461000                          |
| 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 STARTER BIO SET |
| Art. No.         | 6461000                          |
| PU 2 material    | None                             |
| PU 2 weight      | -                                |
| PU 2 length      | -                                |
| PU 2 width/depth | -                                |
| PU 2 height      | -                                |

| Trade data        |                                  |
|-------------------|----------------------------------|
| Product name      | JBL PROFLORA CO2 STARTER BIO SET |
| Art. No.          | 6461000                          |
| Till receipt text | CO2 STARTER BIO                  |
| Shelf placement   | -                                |