



# 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            | 10,40 €   |
| 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, Axoloti, 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  |





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



# JBL PROFLORA CO2 REFILL BIO

| 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                  | 19%                         |
| 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   | -                           |