



# JBL PROFLORA CO2 PROFESSIONAL SET V

CO2 plant fertiliser system & CO2 control (NO BOTTLE)

Suitable for:



- CO2 fertiliser system with automatic CO2/pH control to supply all aquarium plants in freshwater aquariums from 40 to 600 l ideally. CO2 cylinder (disposable or refillable) and factory-fresh pH electrode to be purchased separately
- Simple assembly: screw pressure reducer onto CO2 cylinder (not included), connect solenoid valve to CO2 control unit, hose to bubble counter/check valve and reactor. Attach pH electrode (not included). Set CO2/pH control unit
- No hose slippage thanks to hose screw connections, check valve prevents water from entering the cylinder. Pressure gauges show cylinder and working pressure. Pressure reducer fits disposable and refillable CO2 cylinders
- The CO2/pH Control unit measures the pH value (CO2-dependent) via the pH electrode (not included) and automatically regulates the CO2 supply via the solenoid valve until the ideal pH value with the correct amount of CO2 is reached
- Package contents: pressure reducer with solenoid valve, CO2/pH computer, 3 m hose, bubble counter with check valve, TAIFUN SPIRAL CO2 reactor + extension set

You may also be interested in

You can find a complete overview here: <https://www.jbl.de/qr/64642>



**JBL PROFLORA CO2 pH SENSOR SET**  
 pH electrode, labor. quality for almost all pH devices



**JBL PROFLORA CO2 CALIBRATION SET**  
 To calibrate and store pH electrodes



**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 PROFESSIONAL SET V

## Accessories



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



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



**JBL PROFLORA CO2 CYLINDER STAND**  
 Stand for 500 g CO2 cylinders



**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 PROFESSIONAL SET V

## Accessories



**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  
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 PROFESSIONAL SET V

## Spare parts



**JBL PROFLORA CO2 O-  
ring for m**



**JBL PF CO2 flat gasket  
for u**



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



**JBL PF CO2 CONTROL  
cable for VALVE**



**JBL PF CO2 CONTROL  
temperature sensor**



**JBL PF CO2 CONTROL  
power supply unit 12V**



**JBL PF CO2  
CALIBRATION tray**  
To keep the cuvettes upright  
during calibration





# JBL PROFLORA CO2 PROFESSIONAL SET V



## 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.

### Easy to install


(The system contains all components except for the CO2 cylinder and the pH electrode). Screw the pressure reducer onto a CO2 cylinder (suitable for disposable and refillable cylinders) 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 solenoid valve is regulated by the CO2 control unit and only adds CO2 if the pH value is too high (pH value depends on CO2). This means that there is always the ideal amount of CO2 in the water.

### Technical information

Incl. temperature sensor, modern graphic display with touchpad, sensor check during each calibration, error diagnosis during failed calibration, permanent display: pH actual/set value, sensor voltage, temperature, calibration reminder in days/hours, valve status, precision of measurement, set point adjustment: freely selectable or automatic calculation by means of auto pH, automatic temperature compensation during measuring and calibration, hysteresis freely selectable (upper and lower deviation from switching point), alarm function pH (alarm range), alarm function temperature (range and set point alarm), selectable valve status, language selection: D/BG/F/NL/I/DK/E/P, reset function, universal power unit suitable for all common mains voltages worldwide.

### pH electrode

A pH electrode is NOT included in the set and needs to be purchased separately. This ensures that you do not receive an aged electrode in the set, but always a factory-fresh one!

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





# JBL PROFLORA CO2 PROFESSIONAL SET V



## Product details

| Article data             |   |
|--------------------------|---|
| Product name             | JBL PROFLORA CO2 PROFESSIONAL SET V   |
| Art. No.                 | 6464200   |
| EAN number               | 4014162646422   |
| EAN as barcode           |  |
| For                      | Einweg oder Mehrweg CO2 cylinder  |
| -                        | -   |
| Expiry months            | -   |
| RRP incl. VAT            | 499,72 €  |
| Base price               | -   |
| Nominal filling quantity | -   |
| Base quantity            | 1   |
| Gross weight             | 2035 g  |
| Net weight               | 1445 g  |
| Weight change            | -   |

| Disposal                |   |
|-------------------------|---|
| Product name            | JBL PROFLORA CO2 PROFESSIONAL SET V                     |
| Art. No.                | 6464200   |
| Green dot               | ✓   |
| Group electronic waste  | Small appliances that can be used in private households |
| Disposal weight         | 667 g   |
| Battery type            | -   |
| Battery return          | -   |
| Battery rechargeable    | -   |
| Disposal weight battery | -   |
| Non-returnable glass    | -   |
| PPK                     | 590 g   |
| Plastic small           | -   |
| Plastic large           | -   |
| Disposal weight metal   | 0 g   |

| Features     |                                     |
|--------------|-------------------------------------|
| Product name | JBL PROFLORA CO2 PROFESSIONAL SET V |
| Art. No.     | 6464200                             |





| Features             |  |
|----------------------|--|
| Animal species       | Arowana, Axolotl, Barbels, 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    | 40-600 l   |
| Material             | Plastic (PC), metal (aluminium), plastic (ABS), metal (copper)   |
| Food type            | -  |
| Colour               | multicoloured  |
| Dosage               | -  |
| Transport conditions | -  |



# JBL PROFLORA CO2 PROFESSIONAL SET V

| Electronic label / illuminant |                                     |
|-------------------------------|-------------------------------------|
| Product name                  | JBL PROFLORA CO2 PROFESSIONAL SET V |
| Art. No.                      | 6464200                             |
| 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 PROFESSIONAL SET V |
| Art. No.                      | 6464200                             |
| Range in litres               | -                                   |
| Range from - to               | -                                   |
| Range in days                 | -                                   |
| Range tank length             | -                                   |
| Output in watts               | -                                   |
| Output per hour               | -                                   |
| Output per day                | -                                   |
| Height                        | 90 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 PROFESSIONAL SET V

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





## Additional information for the specialist trade sector

| Article data         |                                     |
|----------------------|-------------------------------------|
| Product name         | JBL PROFLORA CO2 PROFESSIONAL SET V |
| Art. No.             | 6464200                             |
| VAT                  | 19%                                 |
| Sales unit (SU)      | 1                                   |
| Volume packaging     | 9.48l                               |
| Dimensions (l/w/h)   | 157 mm/198 mm/305 mm                |
| Layer                | 28                                  |
| Pallet               | 84                                  |
| Category of products | 3                                   |
| Customs tariff       | 84811099                            |
| Country of origin    | DE                                  |
| Type of packaging    | Faltschachtel/Karton                |

| PU 1 data        |                                     |
|------------------|-------------------------------------|
| Product name     | JBL PROFLORA CO2 PROFESSIONAL SET V |
| Art. No.         | 6464200                             |
| 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 PROFESSIONAL SET V |
| Art. No.         | 6464200                             |
| PU 2 material    | None                                |
| PU 2 weight      | -                                   |
| PU 2 length      | -                                   |
| PU 2 width/depth | -                                   |
| PU 2 height      | -                                   |

| Trade data        |                                     |
|-------------------|-------------------------------------|
| Product name      | JBL PROFLORA CO2 PROFESSIONAL SET V |
| Art. No.          | 6464200                             |
| Till receipt text | CO2 PROF. SET V                     |
| Shelf placement   | -                                   |