



# JBL PROFLORA CO2 REGULATOR ADVANCED

Pressure regulator with 2 gauges for CO2 systems

Suitable for:



- The pressure reducer reduces the cylinder pressure from approx. 60 bar (displayed on pressure gauge 1) to a low 1.2 bar working pressure (displayed on pressure gauge 2), so that the CO2 supply can be easily regulated
- Screw the pressure reducer onto the pressurised CO2 cylinder and regulate the amount of CO2 added at the fine needle valve
- The pressure reducer fits disposable CO2 cylinders (U system) and refillable cylinders (M system). By unscrewing the knurled nut (W21.8x1/14) with an Allen key, the pressure reducer fits the M10x1 thread of the disposable cylinders
- Very high quality design: anodised aluminium, precisely CNC milled in titanium colour. Reliable sealing washer instead of O-ring
- Package contents: 1 CO2 pressure reducer with 2 pressure gauges (for working & cylinder pressure) for refillable cylinders, with unscrewable adapter - then suitable for disposable CO2 cylinders



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## Spare parts



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



**JBL PF CO2 flat gasket  
for u**



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## Product information

### Easy to install


Screw the fitting onto the refillable or disposable CO2 cylinder. Connect the pressure reducer through a hose to a bubble counter/check valve and then to the diffuser/reactor in the aquarium. Adjust the number of CO2 bubbles on the fine needle valve. The CO2 permanent test provides feedback as to whether the amount of CO2 added is correct.

### Safe to use

The pressure reducer is equipped with a safety relief valve, which provides a safe release of working pressure (in case it has been set too high) without damaging the fitting. The diaphragm control of the pressure reducer guarantees absolute reliability.

Tip: Can be easily converted to a disposable cylinder system by unscrewing the knurled union nut with an Allen key.

Function of the pressure reducer (pressure regulator): To reduce the pressure from the pressurised gas cylinder, a pressure reducer is screwed on. It reduces the 50-60 bar cylinder pressure to a working pressure of approx. 1.2 bar. These 1.2 bar are then dosed by a small handwheel (fine needle valve) so precisely that individual CO2 bubbles can be seen and counted in the bubble counter connected. The cylinder pressure and the working pressure are indicated on pressure gauges on this pressure reducer. These displays are not strictly necessary, as - unlike with diving cylinders with compressed air - the cylinder pressure does not slowly drop, and you do not need to be warned when the cylinder is running low. Instead, the pressure remains at its maximum pressure and then drops to zero in a very short time. So, unfortunately, there is no slow decrease of the cylinder filling pressure. The working pressure would only be important if it needed to be adjusted, though this is normally not necessary.

| 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 REGULATOR<br>ADVANCED  |
| Art. No.                 | 6467100   |
| EAN number               | 4014162646712   |
| EAN as barcode           |  |
| For Ø                    | 4/6 mm  |
| -                        | -   |
| Expiry months            | -   |
| RRP incl. VAT            | 144,32 €  |
| Base price               | -   |
| Nominal filling quantity | -   |
| Base quantity            | 1   |
| Gross weight             | 581 g   |
| Net weight               | 465 g   |
| Weight change            | -   |

| Disposal                |  |
|-------------------------|--|
| Product name            | JBL PROFLORA CO2 REGULATOR<br>ADVANCED                     |
| Art. No.                | 6467100  |
| Green dot               | ✓  |
| Group electronic waste  | Small appliances that can be used<br>in private households |
| Disposal weight         | 375 g  |
| Battery type            | -  |
| Battery return          | -  |
| Battery rechargeable    | -  |
| Disposal weight battery | -  |
| Non-returnable glass    | -  |
| PPK                     | 116 g  |
| Plastic small           | -  |
| Plastic large           | -  |
| Disposal weight metal   | 0 g  |

| Features     |  |
|--------------|--|
| Product name | JBL PROFLORA CO2 REGULATOR<br>ADVANCED |
| Art. No.     | 6467100                                |



| 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    | For all aquariums   |
| Material             | metal (aluminium)   |
| Food type            | -   |
| Colour               | black   |
| Dosage               | -   |
| Transport conditions | -   |



# JBL PROFLORA CO2 REGULATOR ADVANCED

| Electronic label / illuminant |  |
|-------------------------------|--|
| Product name                  | JBL PROFLORA CO2 REGULATOR<br>ADVANCED |
| Art. No.                      | 6467100                                |
| 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 REGULATOR<br>ADVANCED |
| Art. No.                | 6467100                                |
| 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     | -                                      |



| Technical data                |   |
|-------------------------------|---|
| Hose connections pressure/out | - |
| Hose connections suction/in   | - |
| Delivery head                 | - |



# JBL PROFLORA CO2 REGULATOR ADVANCED

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





## Additional information for the specialist trade sector

| Article data         |                                     |
|----------------------|-------------------------------------|
| Product name         | JBL PROFLORA CO2 REGULATOR ADVANCED |
| Art. No.             | 6467100                             |
| VAT                  | 19%                                 |
| Sales unit (SU)      | 1                                   |
| Volume packaging     | 1.93l                               |
| Dimensions (l/w/h)   | 105 mm/121 mm/152 mm                |
| Layer                | 65                                  |
| Pallet               | 585                                 |
| Category of products | 3                                   |
| Customs tariff       | 84811099                            |
| Country of origin    | IT                                  |
| Type of packaging    | Faltschachtel/Karton                |

| PU 1 data        |                                     |
|------------------|-------------------------------------|
| Product name     | JBL PROFLORA CO2 REGULATOR ADVANCED |
| Art. No.         | 6467100                             |
| 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 REGULATOR ADVANCED |
| Art. No.         | 6467100                             |
| PU 2 material    | None                                |
| PU 2 weight      | -                                   |
| PU 2 length      | -                                   |
| PU 2 width/depth | -                                   |
| PU 2 height      | -                                   |

| Trade data        |                                     |
|-------------------|-------------------------------------|
| Product name      | JBL PROFLORA CO2 REGULATOR ADVANCED |
| Art. No.          | 6467100                             |
| Till receipt text | CO2 REGUL ADV                       |
| Shelf placement   | -                                   |