



# JBL PROFLORA m001

Fitting to reduce pressure

Suitable for:



- Safe and precise CO2 dosing for aquariums: precision pressure reducer for refillable CO2 cylinders. Cylinder pressure regulation from 60 to 1.5 bar
- Easy to use: screw pressure reducer onto the refillable cylinder. Connect the fitting with hose to the diffuser in the aquarium. Adjust CO2 bubble count at the precision needle valve
- Fine needle valve: exact adjustment of bubble count, Preadjusted working pressure: 1.5 bar (readjustment possible), 2 pressure gauges: working and cylinder pressure, connection thread: W 21.8x1/14
- Safe to use: excess pressure safety valve, highest reliability: diaphragm controlled pressure reducer
- Package contents: pressure reducer for refillable CO2 cylinders incl. 2 pressure gauges; connection thread: W 21.8x1/14



You may also be interested in

You can find a complete overview here: <https://www.jbl.de/qr/64464>



**JBL PROFLORA Direct**  
High performance direct  
diffuser for CO2



**JBL PROFLORA Taifun M**  
CO2 high-performance diffuser



**JBL PROFLORA Taifun P**  
Mini CO2 diffuser for nano  
freshwater aquariums





# JBL PROFLORA m001

## Accessories



**JBL PROFLORA Direct**  
 High performance direct  
 diffuser for CO<sub>2</sub>



**JBL PROFLORA T3**  
 Special hose for CO<sub>2</sub> systems  
 in aquariums



**JBL PROFLORA v002**  
 Noiseless solenoid valve



**JBL PROFLORA Taifun  
 Extend**  
 Extension for CO<sub>2</sub> high-  
 performance diffuser



**JBL PROFLORA Taifun  
 M**  
 CO<sub>2</sub> high-performance diffuser



**JBL PROFLORA Taifun S**  
 Extendable CO<sub>2</sub> diffuser for  
 small aquariums

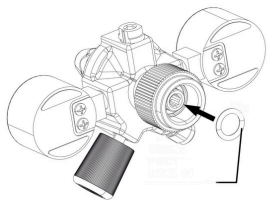


**JBL PROFLORA Taifun P**  
 Mini CO<sub>2</sub> diffuser for nano  
 freshwater aquariums

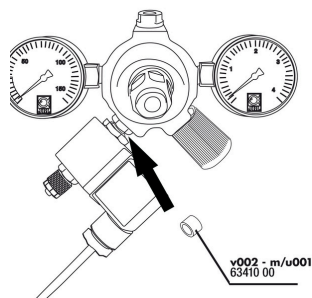


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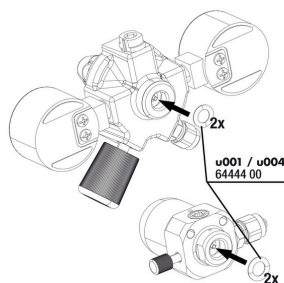
Spare parts



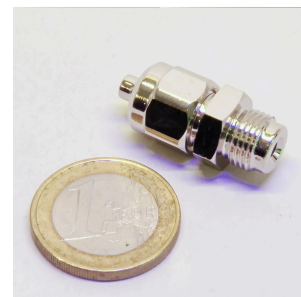
JBL ProFlora "m" O-ring



JBL ProFlora "u/m" flat seal



JBL ProFlora "u" O-ring seal



JBL tube screw connection 4/6 pressure reducer



JBL PF CO2 flat gasket for u



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## Product information


### Easy to install

Screw the fitting onto the refillable CO2 cylinder. Connect the pressure reducer with a hose to the diffuser in the aquarium. Adjust the CO2 bubble count with the fine needle valve. The two pressure gauges indicate the cylinder and the working pressure. Hazard-free use: The pressure reducer is equipped with an excess pressure safety valve. This ensures a safe release if the working pressure is set too high, without damaging the fitting. The diaphragm control of the pressure reducer ensures absolute reliability.

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

### Function of the pressure reducer:

To reduce the pressure from the pressurised gas cylinder, a pressure reducer is screwed on (JBL PROFLORA u001 or m001). It reduces the 50-60 bar cylinder pressure to a working pressure of approx. 1.5 bar. This 1.5 bar is then dosed so precisely by a small hand wheel (fine needle valve) that individual CO2 bubbles are visible and countable in the connected bubble counter. On some pressure reducers the cylinder pressure and the working pressure are displayed on manometers. Strictly speaking, these displays are not absolutely necessary because the cylinder pressure does not slowly drop as with diving cylinders with compressed air and one would thus be warned when the cylinder is running low. Instead, the pressure stays at its maximum pressure and then drops to zero in no time. So unfortunately there is no slow decrease of the cylinder filling pressure. The working pressure would only be important if it had to be adjusted. But this is normally not necessary. But somehow, most people feel better if the two pressure gauges provide them with pressure indications.

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



# JBL PROFLORA m001

Food type	-
Sub product type	-
Dosing	-