

AERO-GUARD

FOR REMOVAL OF CO₂ FROM BREATHING AIR

New!

100 - 630 l/min



AERO-GUARD reduces the CO₂ content of breathing air far beyond the limiting values of the DIN EN 12021.

Due to the constantly increasing CO₂-concentration in the air (due to unfavourable environmental influences), operators of filling stations find it more and more difficult to observe the limiting values for CO₂ in a reliable way. With AERO-GUARD the operator is always on the safe side.

LONG CARTRIDGE LIFETIME

ECONOMIC OPERATION



Efficient cleaning of CO₂ from breathing air

By means of an ingenious bypass-system **1** the suction air is guided through AERO-GUARD. Only approx. 2/3 of the intake air goes through the filter cartridge **2**, which absorbs the CO₂. As a consequence the CO₂ content is reduced down to 1/3 of the value of the intake air - far beyond the strict limiting values of the DIN EN 12021. At the same time extremely long cartridge lifetimes are reached. The moistening of the air at the bottom of the receptacle **3** provides an optimum efficiency of the filter under all circumstances - even in very dry climate!

Economic operation

For a FAD of 600 l/min the filter element has a lifetime of 50 operating hours. If FAD is lower, the lifetime of the filter cartridge increases accordingly!

Easy handling and maintenance-free

The filter element can be easily replaced without any tools. At the same time the water has to be removed from the bottom of the receptacle, which guarantees optimum function of the filter medium - ready!

TECHNICAL DATA

Air flow	100-600 l/min
Lifetime	50 operating hours (600 l/min FAD and 1000 ppm-vol intake concentration CO ₂) / 1 year, even if operating hours are not yet reached.
CO ₂ -intake concentration	max. 1000 ppm-vol CO ₂
CO ₂ -outlet concentration	1/3 of intake concentration = max. 330 ppm-vol CO ₂ at 1000 ppm-vol intake concentration CO ₂
Rel. humidity of intake air	0 to 100 %
Ambient temperature	+5 up to + 45 °C
Intake air temperature	+5 up to + 45 °C



BAUER KOMPRESSOREN GmbH

P.O. BOX 710260 · D-81452 MÜNCHEN
 DRYGALSKI-ALLEE 37 · D-81477 MÜNCHEN
 PHONE 0049 89 78049-0
 FAX 0049 89 78049-167

Internet: www.bauer-kompressoren.de
 e-mail: info@bauer-kompressoren.de