

AERO-GUARD

For removal of CO₂ from breathing air

- › ECONOMICAL
- › EASY HANDLING

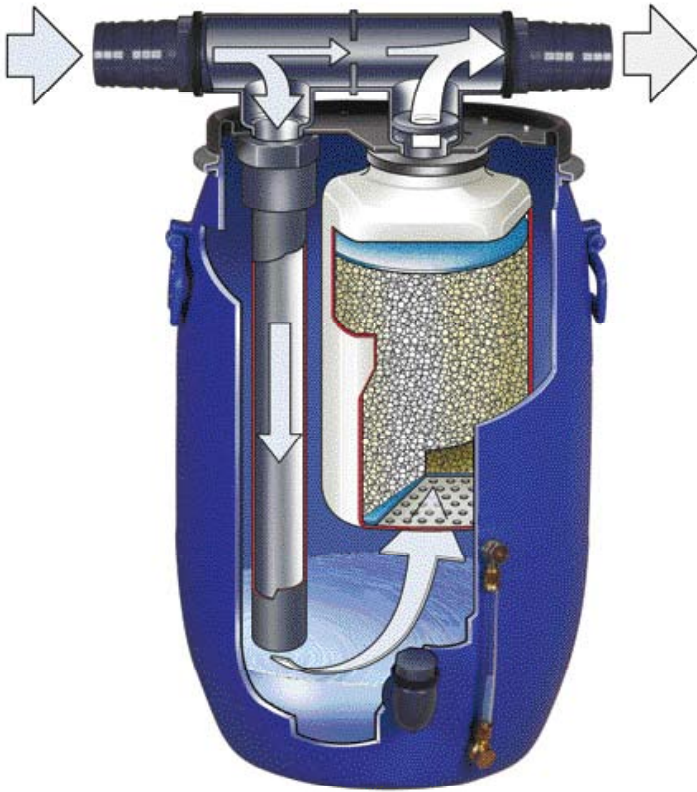
- › **Air flow: 100 - 680 l/min**
- › **Lifetime: 50 - 300 h**



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 the suction air is guided through AERO-GUARD. Only approx. 2/3 of the intake air goes through the filter cartridge.

- › Reduction of CO₂ content down to 1/3 of the value of the intake air - far beyond the strict limiting values of the DIN EN 12021.
- › Extremely long cartridge lifetimes.
- › Optimum efficiency of the filter even in very dry climate by moistening the air at the bottom of the receptacle.

ECONOMIC OPERATION

For a FAD of 680 l/min the filter element has a lifetime of 50 operating hours.

- › If FAD is lower, the lifetime of the filter cartridge increases accordingly!

MAINTENANCE FREE

The filter element can be easily replaced without any tools.

TECHNICAL DATA

Air flow*	100-680 l/min
Lifetime	50 operating hours (680 l/min FAD and 1000 ppm-vol intake concentration CO ₂) / 1 year, even if operating hours are not yet reached.
CO₂-intake concentration	max. 1000 ppm-vol CO ₂
CO₂-outlet concentration	1/3 of intake concentration = max. 330 ppm-vol CO ₂ at 1000 ppm-vol intake concentration CO ₂ .
Ambient temperature	+15°C up to +45°C
Suction air temperature	+15°C up to +45°C