

AERO-GUARD

RELIABLY REMOVES CO₂ FROM BREATHING AIR

The intake air of the compressor is routed through the AERO-GUARD via an ingenious bypass system. This enables the CO₂ content to be reduced to one-third of that of the intake air, with AERO-GUARD-OX version for NITROX membrane units the initial value can even be reduced up to 20%.

The air is humidified in the base of the tank, optimising filter efficiency and significantly extending filter life.



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FEATURES

- › CO₂ – removal/reduction
- › Economical operation
- › Flow rate 100 – 1,000 l/min

DESIGNATION/SIZE	SUITABLE FOR FREE AIR DELIVERY RATES ¹	DIMENSIONS (W × D × H)	OPERATING WEIGHT ²
max. 330 bar	l/min	mm	kg
BREATHING AIR			
AERO-GUARD-S	100 - 150	500 × 460 × 720	26
AERO-GUARD-M	160 - 230	500 × 460 × 720	26
AERO-GUARD-L	240 - 320	500 × 460 × 720	26
AERO-GUARD-XL	330 - 450	500 × 460 × 720	26
AERO-GUARD-XXL	460 - 700	500 × 460 × 720	26
AERO-GUARD-Duo 1000	650 - 1000	850 × 625 × 870	54
NITROX			
AERO-GUARD-OX-L	260 - 320	500 × 460 × 720	26
AERO-GUARD-OX-XL	330 - 450	500 × 460 × 720	26
AERO-GUARD-OX-XXL	460 - 550	500 × 460 × 720	26
AERO-GUARD-OX-DUO700	700	850 × 850 × 870	54

¹ Free air delivery of the connected compressor measured with cylinder filling from 0 – 200 bar ± 5%, 10 l cylinder.

² Includes filter cartridge and 10-litre water ballast.



1. Air inlet
2. Partial air stream (main stream)
3. Water
4. Fill level indicator
5. Granules
6. Partial air stream (bypass)
7. Air outlet

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FURTHER INFORMATION

› Cost-effective operation

At a free air delivery rate of up to 680 l/min (AERO-GUARD-OX: 450 l/min) and an intake concentration of 1000 ppm CO₂, the filter cartridge has a service life of approximately 44 hours (AERO-GUARD-OX: 37 hours). If the free air delivery rate of the compressor and/or the CO₂ intake concentration is lower, the service life of the filter cartridge is extended accordingly.

› Easy handling and maintenance-free

The filter cartridge can be replaced quickly with no need for tools.