

Lithiolime

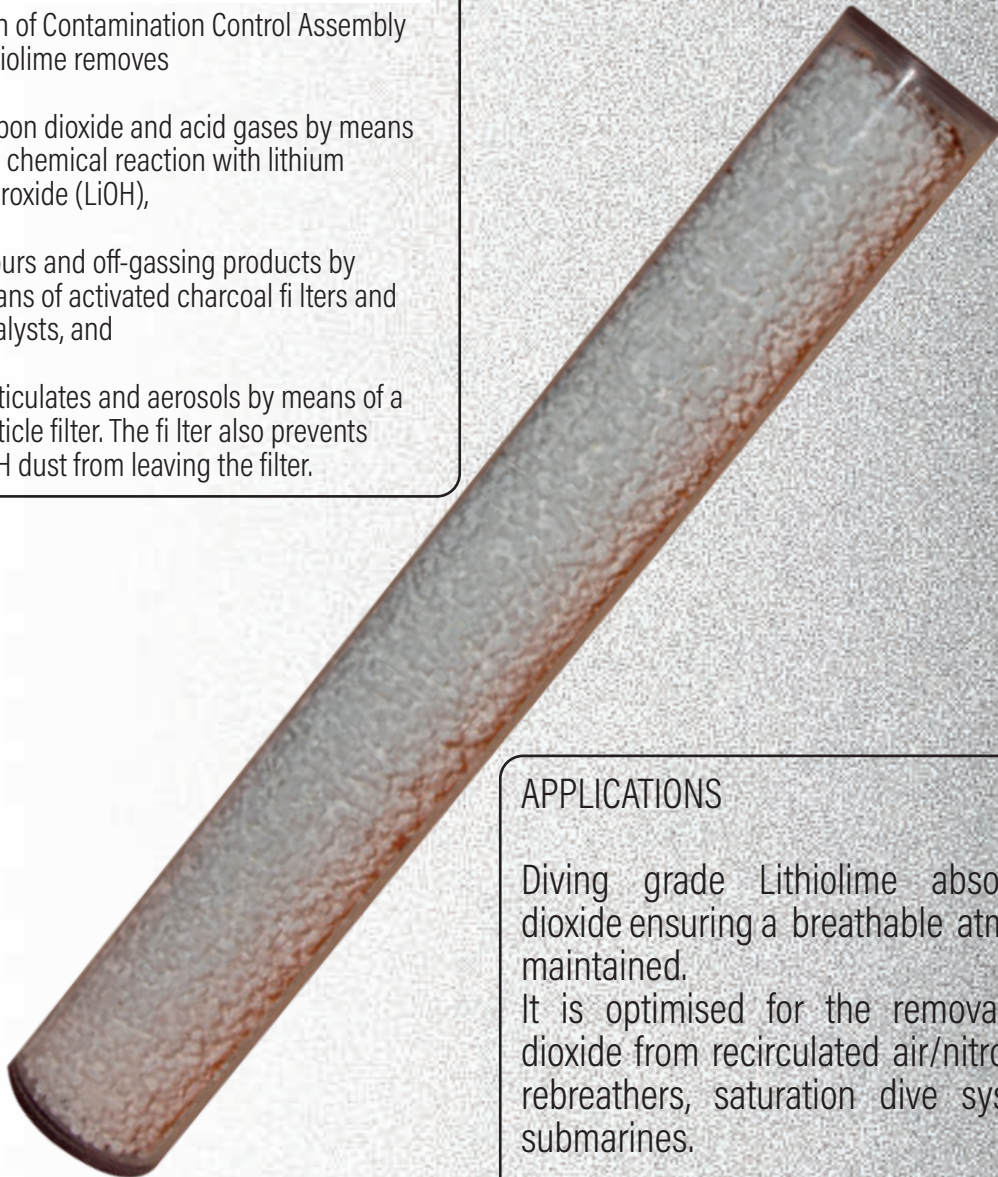
Carbon Dioxide Absorption



LITHIOLIME

Function of Contamination Control Assembly
The Lithiolime removes

- carbon dioxide and acid gases by means of a chemical reaction with lithium hydroxide (LiOH),
- odours and off-gassing products by means of activated charcoal filters and catalysts, and
- particulates and aerosols by means of a particle filter. The filter also prevents LiOH dust from leaving the filter.



APPLICATIONS

Diving grade Lithiolime absorbs carbon dioxide ensuring a breathable atmosphere is maintained.

It is optimised for the removal of carbon dioxide from recirculated air/nitrox/heliox in rebreathers, saturation dive systems and submarines.

- Military rebreathers
- Submarines

Lithiolime

Carbon Dioxide Absorption



FEATURES of LIOH cartridges

A LiOH cartridge consists of a stainless steel housing containing the fi lterbag inside and a plastic cover on each end of the housing.

For transport and storage it is sealed in an evacuated compound foil and is packed in a light-weight plastic container.

Proper evacuation of the foil ensures the correct handling of cartridges and full performance.

LIOH Cartridge Specificatione

CO2 loading capacity at 0.5 vol-%	740 l CO2 / cartridge
CO2 loading capacity at 1.0 vol-%	800 l CO2 / cartridge
Dimension of (packed) cartridge	425 mm x 215 mm x 72 mm
Weight of packed cartridge	4.0 kg
Volume of packed cartridge	3.6 dm
Storage time	5 years

