



# Membrane Accumulator OL / EL

Gas locking screw.

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No gaskets, no risk of leakage.

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The membrane ensures the separation  
between the gas and the fluid.

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Integrating a disk in the membrane  
protects the latter when emptying  
the accumulator where the accumulator  
is only filled with gas.

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# Safety

# Economic efficiency

Numerous mobile and stationary installations require membrane accumulators. To meet this demand, OLAER has developed a range of attractively priced membrane accumulators.

The **OL / EL** series accumulators offer:

## SAFETY

### Inherent to the accumulator concept:

- Electron-beam welded execution with screw gas valve
- Separation between gas and fluid
- No gaskets
- Integrated disks protecting the membrane when emptying the accumulator or when the latter is only filled with gas

### While using the shock absorber:

- The **OL / EL** series accumulator lend themselves to nearly all types of applications. The gas/oil pressure ration should not exceed 1:8 (see table)
- Ideal for high frequency or high differential pressure applications
- Ideal for mobile applications thanks to the low accumulator weight

The use of **OL /EL** series accumulators is justified everywhere, where important functions have to be secured at low cost.

A safety component must be a 100 % reliable.  
**OL / EL** series accumulators offer this reliability.

## ECONOMIC EFFICIENCY

### Linked to the accumulator service life:

The membrane mostly determines the lifetime and the cost effective-ness of a hydraulic accumulator.

### Linked to the maintenance:

- Membrane accumulators only require minor maintenance (limited to periodic gas pressure checks)
- The robust gas filling valve guaranties an excellent seal
- The membrane accumulators are not dismountable