

REGULATE THE PRESSURE OF THE STORAGE TANK

THE BREATHING VALVE

The breathing valve is a breathing device for regulating the pressure of the storage tank. It protects the tank from depressure and overpressure related to product movement and temperature variations.

- Guaranteed tightness
- Simple & economical maintenance
- ATEX certification



PRINCIPLE



The breathing valve is a safety device for regulating the pressure of a storage tank while ensuring a seal under normal service conditions. Our engineers use the standards in force to size your valves (API 2000 / CODRES).

CONCEPTION



Set pressure : +2,5 à +130 mbar
- 2,5 à -130 mbar

DIMENSIONS



LARCO has a wide range of valves: diameters from 2 " to 12 "

MATERIALS



Carbon Steel / Stainless steel / Aluminum / Fiberglass

CERTIFICATION



ATEX certification:

Category & zone: II 1 G, T (see *), Tamb (see **)
Sensor installation location: Zone 0, 1 or 2 GAS
CE type examination certificate number: ITS 04 ATEX 12484



* The temperature class will depend on the temperature at the place of installation with a maximum of + 80°C.

** The minimum ambient temperature will depend on the seal fitted and cannot be lower than -184°C. The maximum ambient temperature will be + 80°C. A seal of another material will allow use up to + 260°C.

PREREQUISITES



- Stored liquid
- Tank diameter
- Tank height
- Set pressure
- Filling / withdrawal rate