



HIGH PRESSURE REGULATORS 150-250 kg/h LPG



APS2000
002540AA



APS2000
002514AA



APS2000V
002566AA

APPLICATIONS

These fixed, adjustable or variable regulators are ideal in tough conditions such as directly supplying crop dryers and large industrial heavy duty burners, in industrial, agriculture, commercial and networked supply LPG installation.

Now fitted with compensation and safety devices the regulator and PRS Module are most suited to application in LPG domestic networks and local distribution first stage pressure reduction.

FEATURES

Excellent pressure control

Thanks to an exclusive dynamic compensation design, the regulated pressure does not suffer from changes to inlet pressure variations. In many instances, periodical or seasonal pressure adjustments are not required.

Heavy duty and robust construction

Oversized strong connections, excellent weather protection, durable surface treatments ensure reliable operation in the most aggressive operating conditions.

Connectable vent

The vent design allows to drain condensate humidity. For underground or enclosed installations, the vent can also be connected to a pipe (G1/4" thread).

Extended range of pressure adjustment

Outlet pressure range is normally 0,2 to 3 bar (3 to 45 PSI). Regulated pressure can be fixed, internally adjustable or externally variable by a T-bar.

They can also be used in Natural Gas, air, nitrogen, biomethane, SNG and other non-aggressive gases installations.

Maximum declared capacities:

- LPG 250 kg/h (12 MBTU/h) following US rules*,
- LPG 150 kg/h (7.1 MBTU/h) following EU rules*,
- Natural gas 120 (n)m³/h.

Adapted connections

Female: 1" BSP-ISO7 or 1" NPT or rotating flanges DB25.

Vertical connection

The **APS2000V** models are equipped with a vertical inlet connection for mounting on vertical tank valve (G3/4" tank = G17 according to N16129).

Pressure limiter

The **LPS2000** models are specially designed to be installed downstream a first stage regulator in order to limit the regulated pressure, in case of failure of the first stage, to 1,2 times the nominal set pressure.

Integral filter (option)

Stainless steel integral filter (200 µm mesh) may be mounted upon request or delivered as maintenance kit (004455AA).

Accessories

Gauges or pressure test points for both inlet and outlet ports, are fitted depending on models or upon request.