



### Double stage low pressure regulator type BHK/K

The compact double stage low pressure regulator type BHK/K, for direct connection to the gas tank, is the result of continued development of our double stage low pressure regulator type BHK 052.

To ensure that the OPSO switches off reliably and to guarantee positive action as regards icing, the 1<sup>st</sup> stage regulator and the safety overpressure shut-off valve were incorporated with no change in design. Optimizations were carried out on the low pressure regulator, which was modified in terms of both size and design, resulting in a considerable reduction in the installation length.

A new safety device was also developed, which switches off the gas feed when the outlet pressure is too low. Now it is not only excessively high pressure for the consumer devices that is monitored, but also low pressure and leaks in the connected piping.

The system must be restarted manually to prevent uncontrolled flows of uncombusted gas.

#### Advantages and equipment

- Safety overpressure shut-off valve (OPSO), shut-off pressure  $\geq 120$  mbar
- Safety underpressure shut-off valve (UPSO) (gas failsafe device), shut-off pressure  $\leq 42.5$  mbar
- Safety pressure relief valve (PRV), discharge pressure  $< 150$  mbar
- Test connector
- Insect protection device
- POL connector, fixing screws and various stainless steel internal parts
- Adjustable support that also allows an inclined position
- Emergency supply connector G 3/8 lh male with non-return valve

#### Approval

- Tested against icing
- EC type test

#### Technical data

- Inlet pressure: 1.0 to 16.0 bar

### Double stage low pressure regulator type BHK/K PS 25 bar

Capacity:	max. 6 kg/h
Inlet:	POL connector
Outlet:	G 1/2 female
Outlet pressure:	29, 37, 50 or 67 mbar

#### Accessories

Upon request