



**Brise N**

### Description

The Brise N is a sprung diaphragm, direct acting pressure regulator designed to work along low set pressures and high gas flow capacity in distribution and commercial applications. One of the main industrial applications is the control of gas burners, which demand fast responses, even in varying high flow conditions. Normally in these cases they are controlled by solenoid valves so a fast reacting regulator is required.

The Brise N pressure regulator has an internal balanced valve allowing low lock up even with high inlet pressure variations, so it can be used with natural gas, LPG and other kinds of non-corrosive gases.

This regulator was developed with ease of maintenance in mind and in fact parts can be replaced while the valve remains in service. This is due to its top entry design, making it unnecessary to take the regulator out of the pipeline for maintenance.

### Technical Specification

#### Materials:

- Body: Ductile Iron
- Internals: Brass / Stainless Steel
- Seals: Buna N

#### Connections:

- 1", 2", 3"
- Thread female NPT / BSP or Flange ANSI 150#RF / DIN PN 16
- Other connections and sizes under review

#### Limits of Operation:

- Temperature: -10°C to +60°C
- Regulating: 0.02 to 1.2 bar
- Shutoff : 0.05 to 1.5 bar