

Pressure Regulator for Gaseous Media, Type RG10 / RG40

FEATURES

- Gas regulator/governor for gaseous media, to be fitted to all types of gas consuming appliances.
- Design incorporates inlet pressure compensation diaphragm ensuring high resolution.
- Optimum dimension allows high volume throughout.
- A purge line not required for DN15 to DN150 size.
- Fitted with separate working diaphragm and safety diaphragm, to ensure high degree of protection.
- Outlet pressure range can be changed by fixing various coloured coded standard springs.
- Change in inlet pressure or change in volume, outlet pressure is ineffective.
- Pressure damping valve provided as a standard accessory.
- Separate models for 1 bar and 4 bar inlet pressure range.
- Special version for bio gas.

CONSTRUCTION

Design incorporates inlet pressure compensation diaphragms, ensures precise regulation. Large orifice dimension allows handling of high throughput.

Regulator incorporates working diaphragm, safety diaphragm and bleed diaphragm, as per DIN DVGW requirements.

Each of the components undergoing gas pressure is treated with impregnation process to ensure safety of plant.

TECHNICAL SPECIFICATIONS

Valve body and housing in Aluminum silicon alloy (AlSi), free of defect, vacuum porosity sealed. Diaphragms manufactured from special non-vicking, nylon inserted Nitrile sheets imported from Germany, ensure no seepage of gas through diaphragm. Working parts of Aluminum. Valve disc specially formulated synthetic rubber material vulcanized to aluminum disc.

Flange connections are as per PN 16, DN 2501- or As per ANSI B 16.5, Class 150.

FLUIDS

Natural gas, LPG, Ammonia, air, bio gas (on request), and all non-corrosive gases compatible to Aluminum body material.

PRESSURE RANGE

RG 10 (for 1 bar inlet pressure), valve sizes available from 15 to 150 mm
RG 40 (for 4 bar inlet pressure), valve sizes from 15 to 100 mm.

