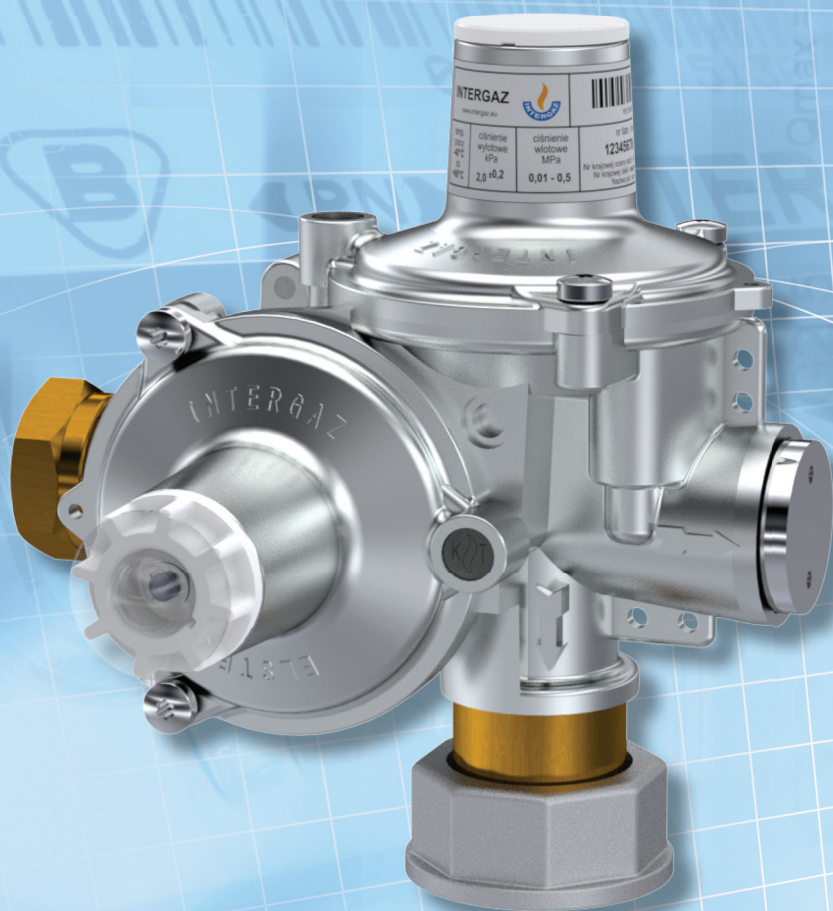


TWO-STAGE MIDDLE PRESSURE GAS REGULATOR

MR10/A

with automatic unlocking



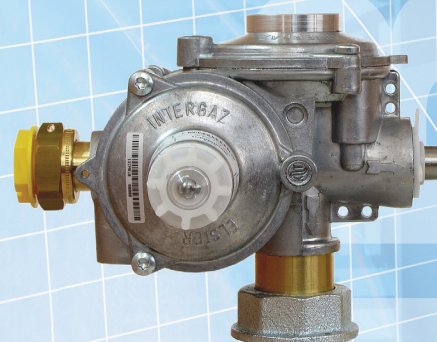
Application

- Pressure reduction of gaseous fuels distributed under middle pressure.
- Gas pressure reduction of in 1-family household installations.

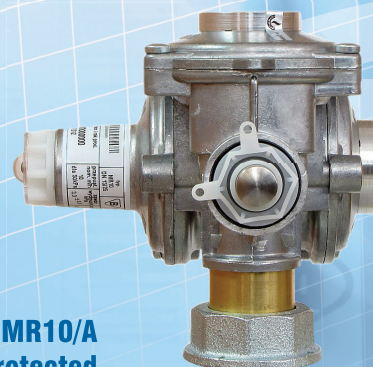
Short Description

The gas expands down to the outflow pressure through a 2-stage reduction, thus obtaining a high accuracy of the reduction and good dynamic parameters of regulation at load changes.

Optional variant
for installation in small boxes



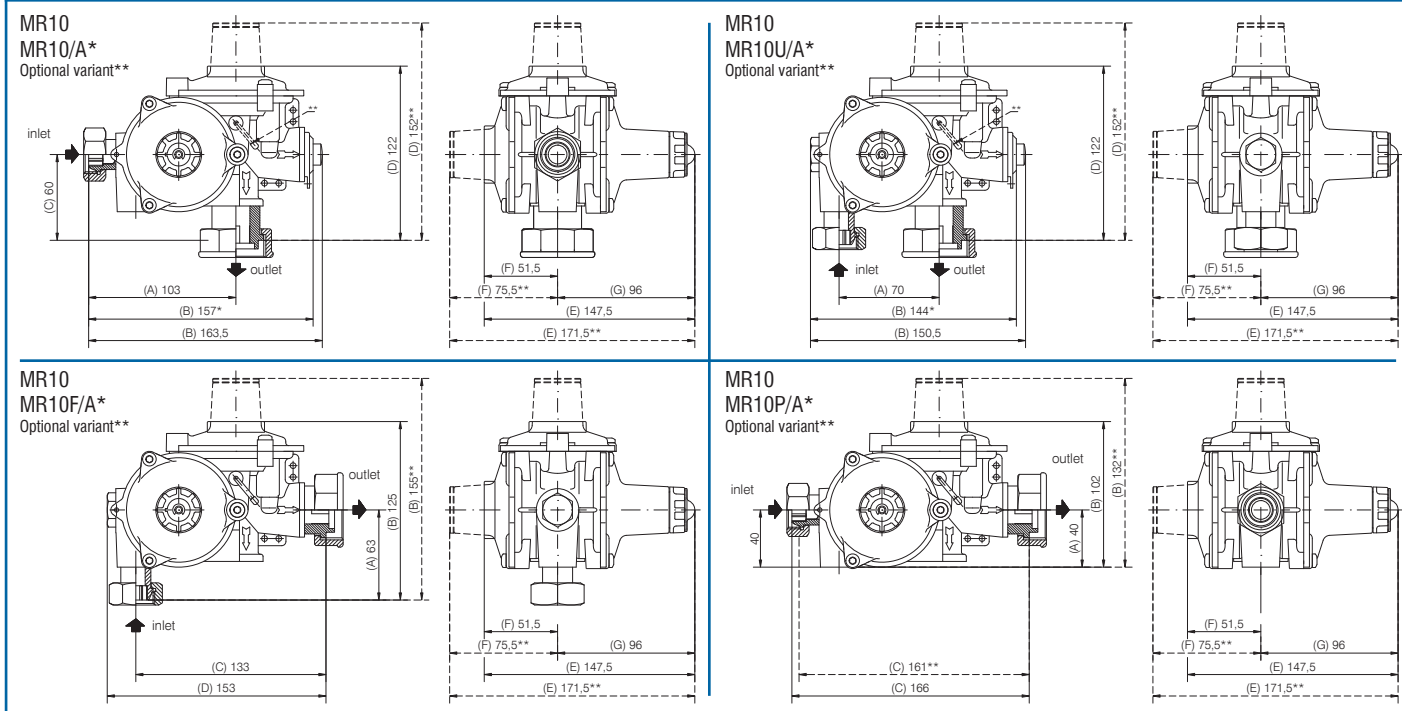
The design of the regulators MR10/A
with automatic unlock is protected
by a patent



ISO 9001
BUREAU VERITAS
Certification



Connection versions of the regulator type MR10



Settings values of the middle pressure regulator type MR10

Outlet pressure	2,0 ±0,2 kPa	1,3 ±0,15 kPa
Actuation point of the protection against gas pressure drop (GMS)	1,3 ±0,3 kPa	0,8 ±0,3 kPa
Actuation point of the safety quick-shutting valve (SAV)	4,5 ±0,5 kPa	3,2 ±0,4 kPa
Actuation point of the safety blow-off valve (SBV)	3,3 ±0,5 kPa	2,2 ±0,4 kPa
Inlet pressure P_{inlet}	from 0,01 MPa to 0,5 MPa	
Nominal flow capacity Q_{nom} 50 kPa	10 m ³ /h	

Technical Data

- Medium: natural gas, town gas, propane, air
- Working temperature range: from -30°C to +60°C
- Connections:
 - input: **DN 15 nut G 3/4"** (metal/metal gasket)
 - output: **DN 25 nut G 1 1/4"** (rubber gasket)
- Built-in protection against outlet pressure drop GMS
- Built-in quick-shutting valve SAV
- Built-in release valve SBV
- Automatic or manual unlocking
- Optional variant for installation in small boxes

The regulators type MR10 have the following certificate issued by the Oil & Gas Institute in Cracow:



- National Certificate of Constancy of Performance no. AC010-UWB-0016.

Features and advantages

- **Body – aluminum pressure casting**
- High resistance of boss pipes against bending at installation
- High reduction accuracy
- Very good dynamic parameters at load changes
- Working stability
- Installation of the regulator in any position
- Unlimited service life, up to the device wear
- Periodic inspection & maintenance not required
- Materials / raw materials: acc. to Polish Norm PN M 34 511 diaphragms acc. to EN 549/DIN 30692 body GD Al Si 12 DIN 1725

Zakład Wytwórczy Urządzeń Gazowniczych „INTERGAZ” Sp. z o.o.

42-600 Tarnowskie Góry, ul. Nakielska 42/44
Tel.: +48 (32) 285 88 15, fax.: +48 (32) 285 24 65
intergaz@intergaz.eu, www.intergaz.eu

