

# REGULATOR RG180 M20X150 X LN3/4 PO.37MBAR 7,2KG/H UPSO (MANUAL), OPSO (MANUAL) CODE 700014

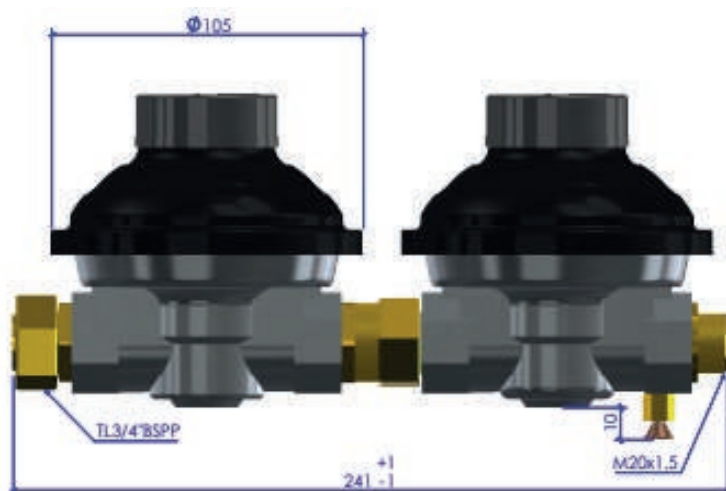
With an inlet pressure between 50 and 500mbar, the regulator maintains the outlet pressure between 34 and 40mbar for flow rates between 0.5 and 7.2Kg/h.

## FEATURES

- Inlet pressure: 50-500mbar
- Output pressure: 34-40mbar
- Securities: UPSO (27mbar) manual reset, OPSO (100mbar) manual reset
- Nominal flow rate: 7.2kg/h
- Pressure tapping: -
- Connections: MM20/150XLN3/4
- Disposition: 180°
- Conduction for venting: -



## DIMENSIONS



## MATERIALS

- Membranes and seals, in NBR resistant to Liquefied Petroleum Gas (LPG), Natural Gas (NG) and Synthetic Natural Gas (SNG)
- Aluminum body
- Galvanized steel cover
- Cataphoresis treatment with high resistance on cover and body
- Galvanized steel springs
- Non-metallic internal parts, in PA with fiberglass and acetal resin (POM)
- Stainless steel filter
- Manufactured in the EU

## COMPLIANCE WITH STANDARDS



AENOR certificate in accordance with the UNE 60402-1 (2008) standard



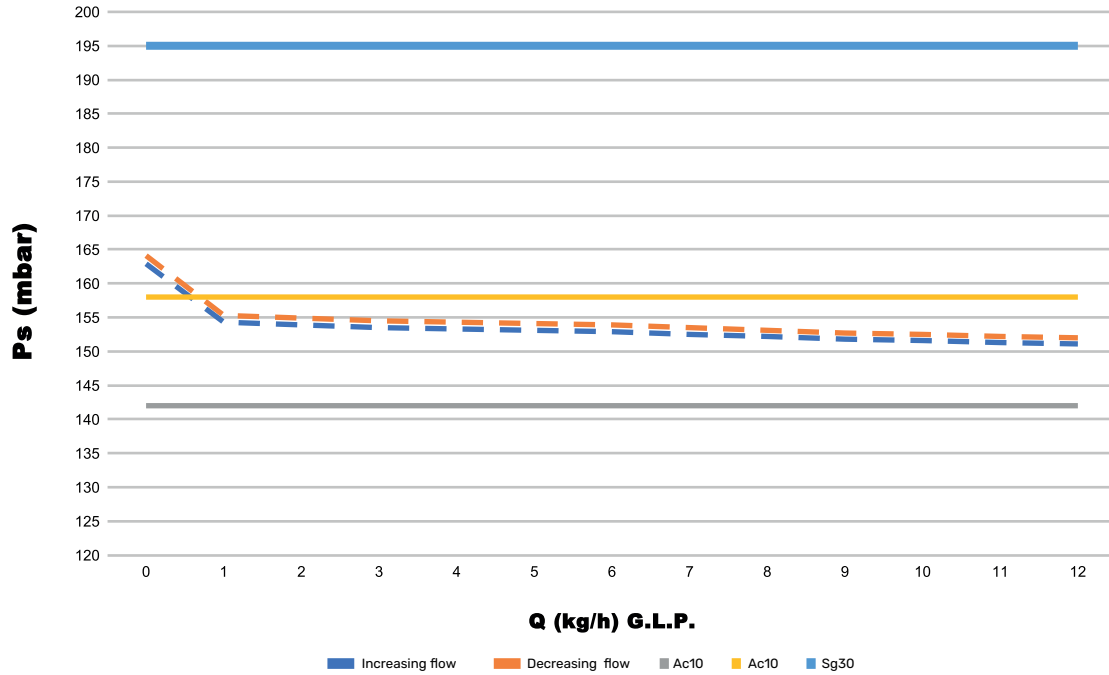
CE-certified according to 88-1:2011 + A1:2016, EN 13611:2019 and EN13611:2019/AC:2021

## INSTALLATION AND COMMISSIONING

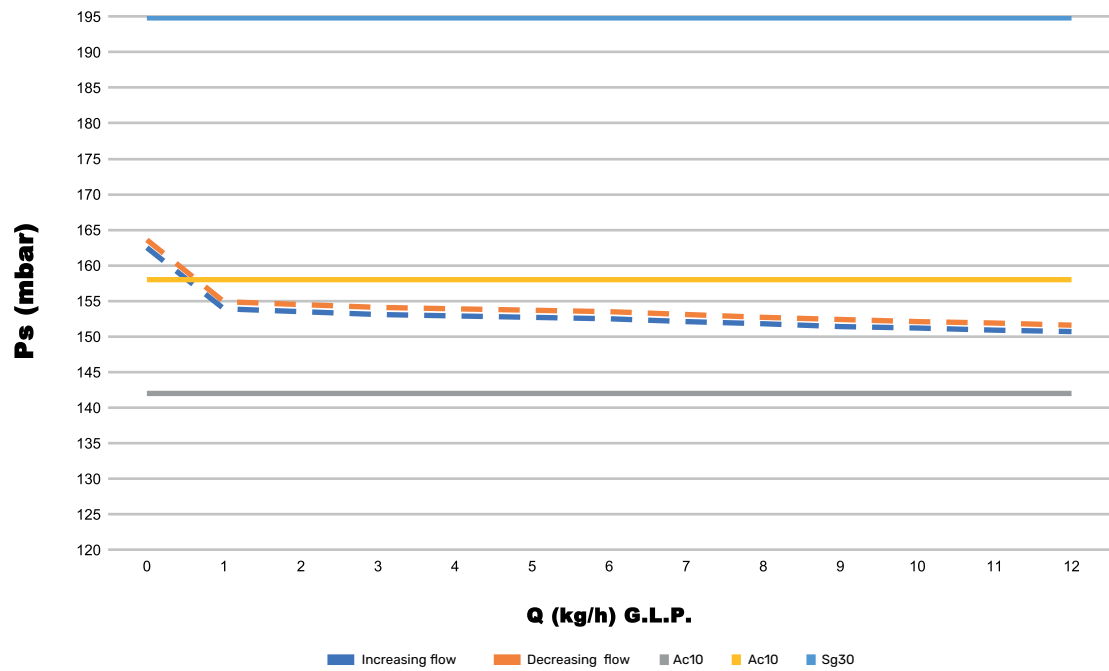
- ✓ Check the inlet pressure. It must not exceed 500 mbar.
- ✓ Fit the regulator respecting the gas flow. See flow arrow on the bottom of the regulator.
- ✓ Once the regulator is in place, check that there are no leaks at the regulator connections.
- ✓ With all consumption points downstream of the regulator closed, open the gas tap upstream of the regulator.
- ✓ If the controller is equipped with automatic VIS MIN, wait a few seconds (approx. 15-20) until the VIS is reset.
- ✓ In the case of manual VIS MIN, actuate the reset device on the controller (by pulling on it) for about 2 seconds.
- ✓ The controller will start to regulate when any consumption demand occurs.

# BEHAVIOURAL CURVES

**Pe: 1bar**



**Pe: 2,5bar**



# BEHAVIOURAL CURVES

**Pe: 5bar**

