REGULATOR RGR-180 FF1/2 P0.60-150MBAR 25M3/H UPSO

CODE 200252

With an inlet pressure between 0.1 and 2bar, the regulator maintains a constant outlet pressure within the adjustable range (60-150mbar) for flow rates between 0.5 and 25m3/h.
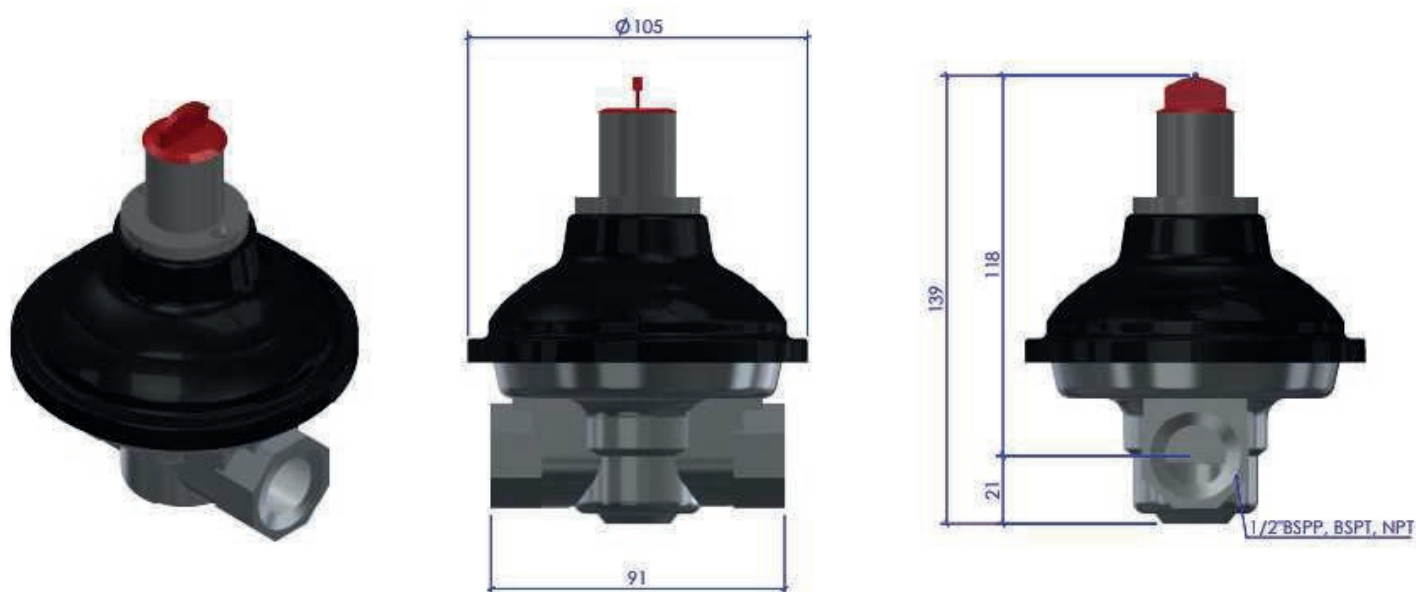
FEATURES

- **Inlet pressure:** 0.1-2bar
- **Output pressure:** 60-150mbar (adjustable)
- **Securities:** UPSO (15mbar)
- **Nominal flow rate:** 25m3/h
- **Pressure tapping:** -
- **Connections:** FF1/2
- **Disposition:** 180°
- **Conduction for venting:** -

DIMENSIONS

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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

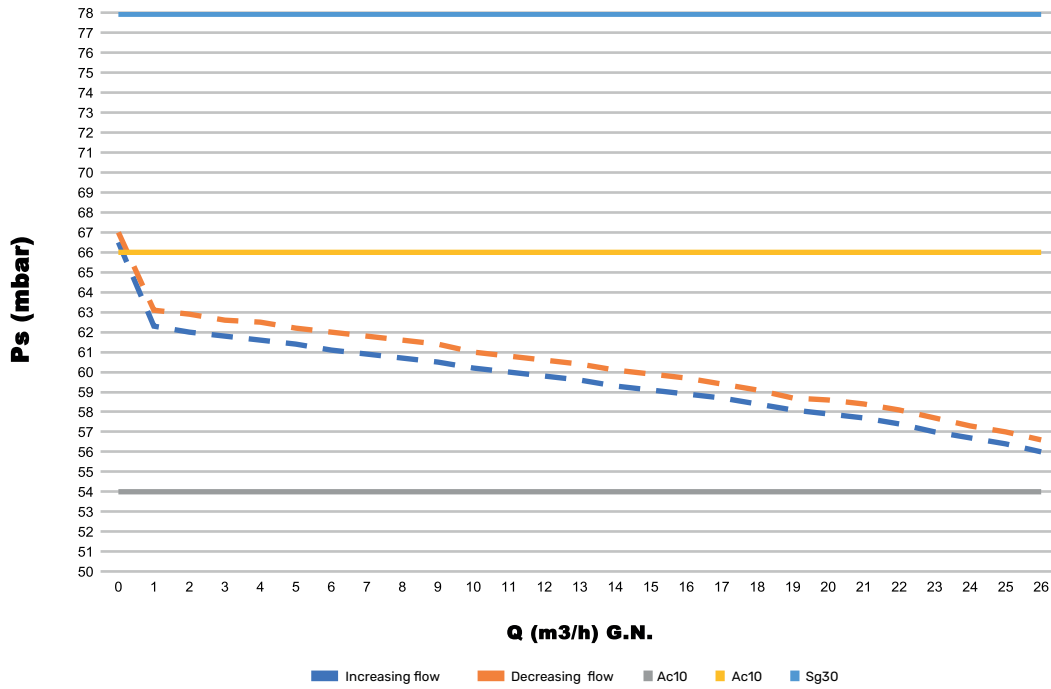AENOR certificate in accordance with the UNE 60402-1 (2008) standard

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

INSTALLATION AND COMMISSIONING
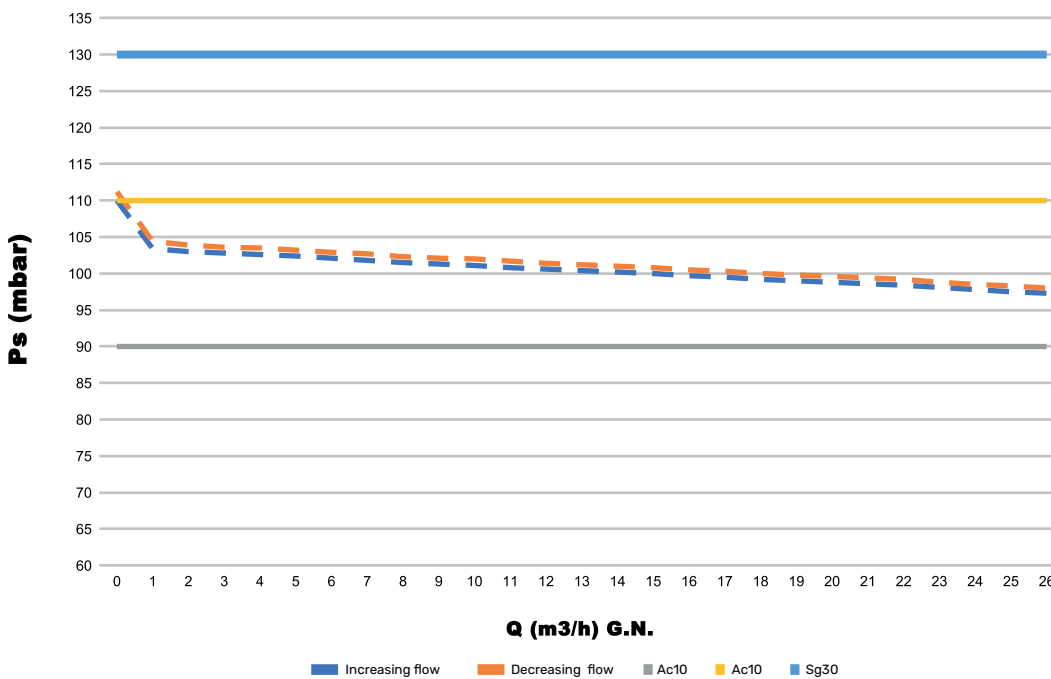
- Check the inlet pressure. It must not exceed 2 bar.
- Fit the regulator respecting the gas flow. See flow arrow on the bottom of the regulator.
- Once the regulator is in place, check that there are no leaks at the regulator connections.
- With all consumption points downstream of the regulator closed, open the gas tap upstream of the regulator.
- If the regulator is fitted with automatic VIS MIN, wait a few seconds (approx. 15-20) until the VIS is reset.

- In 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 there is any demand for consumption.
- Using the regulating screw under the red plug, adjust the outlet pressure of the regulator to the desired level.
- Once the pressure has been regulated, replace the red plug.

Pe: 1 bar (Ps: set at 60 mbar)

Ps (mbar) vs Q (m3/h) G.N.

Legend: Increasing flow · Decreasing flow · Ac10 · Ac10 · Sg30

Pe: 1 bar (Ps: set at 100 mbar)

Ps (mbar) vs Q (m3/h) G.N.

Legend: Increasing flow · Decreasing flow · Ac10 · Ac10 · Sg30

BEHAVIOURAL CURVES

Pe: 1 bar (Ps: set at 150 mbar)

Legend: Increasing flow · Decreasing flow · Ac5 · Ac5 · Sg30

X-axis: Q (m3/h) G.N.

Y-axis: Ps (mbar)