recgas

REGULATOR RG180LN(SCJ)3/4XLN 1 1/4 PO.340MBAR 25M3/H UPSO R.M., RV (WITH CONDUCTION)
### CODE 500103

With an inlet pressure between 1 and 6bar, the regulator maintains the outlet pressure between 325 and 355mbar for flow rates between 2.5 and 25m3/h.

FEATURES

- **Inlet pressure:** 1-6bar

- **Output pressure:** 325-355mbar

- **Securities:** UPSO (240mbar) manual reset, RV(550-850mbar)

- **Nominal flow rate:** 25m3/h

- **Pressure tapping:** -

- **Connections:** LN3/4(spheroconical seal)xLN1 1/4

- **Disposition:** 180°

- **Conduction for venting:** F3/4(Whitworth)

DIMENSIONS
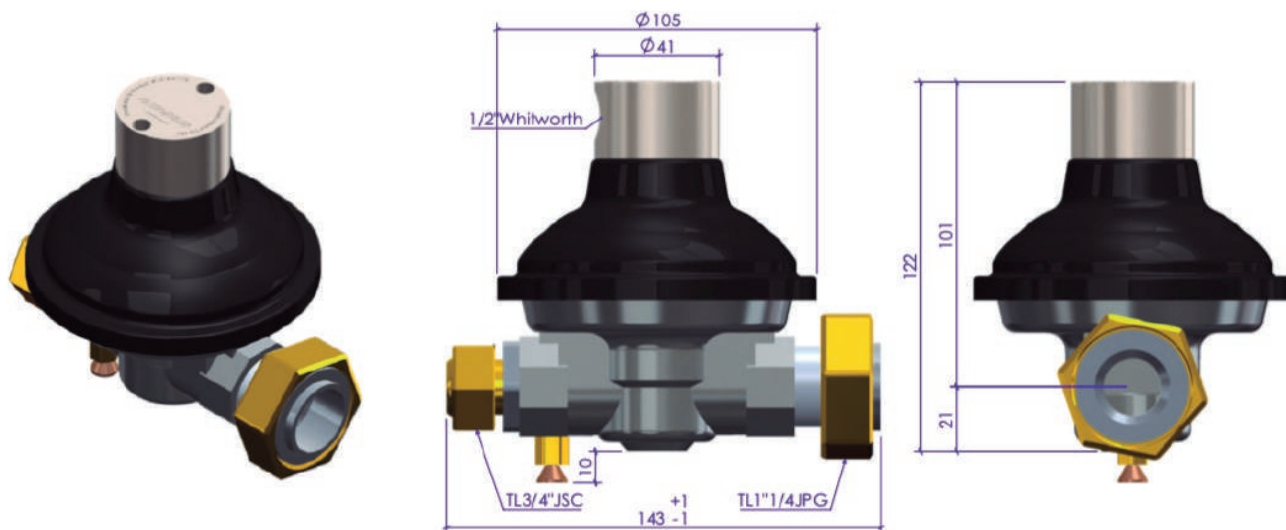
MATERIALS

- 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
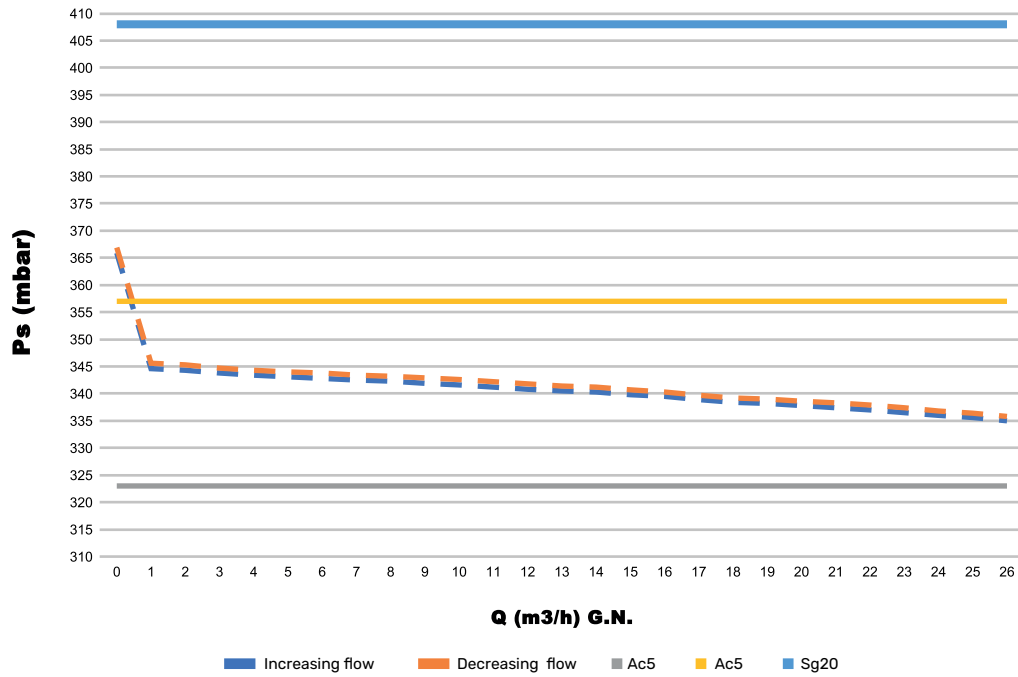- Manufactured in the EU

COMPLIANCE WITH STANDARDS

According to EN 88-2:2007 and UNE13611:2019 and EN13611:2019/AC:2021

INSTALLATION AND COMMISSIONING
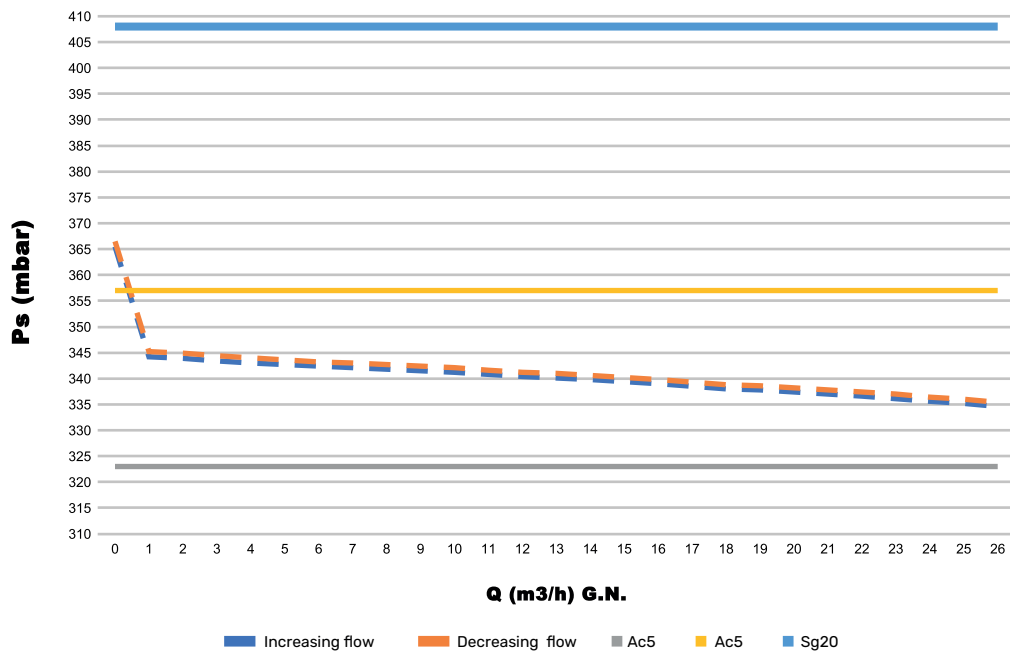
- Check the inlet pressure. It must not exceed 6 bar.
- Fit the regulator respecting the gas flow. See flow arrow on the bottom of the regulator.
- If the regulator has a relief line and is installed indoors, the relief must be piped to the outside through the corresponding pipe connection.
- Once the regulator has been installed, 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 equipped with automatic VIS MIN, wait a few seconds (approx. 15-20) until the VIS is reset.
- In the case of manual VIS MIN, act on the reset device on the regulator (by pulling on it) for about 2 seconds.
- The controller will start to regulate when any consumption demand occurs.

BEHAVIOURAL CURVES

Pe: 1bar

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

Legend: Increasing flow — Decreasing flow — Ac5 — Ac5 — Sg20

Pe: 2,5bar

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

Legend: Increasing flow — Decreasing flow — Ac5 — Ac5 — Sg20

BEHAVIOURAL CURVES

Pe: 5bar

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

Legend: Increasing flow | Decreasing flow | Ac5 | Ac5 | Sg20