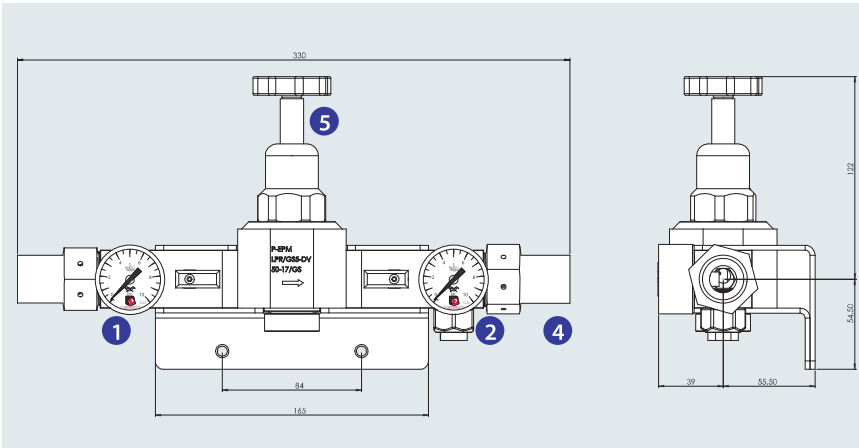
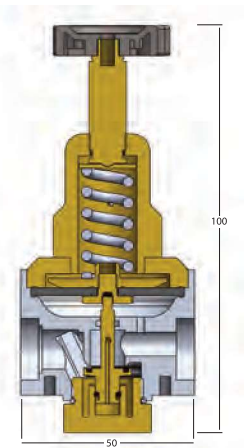


PRODUCT PORTFOLIO

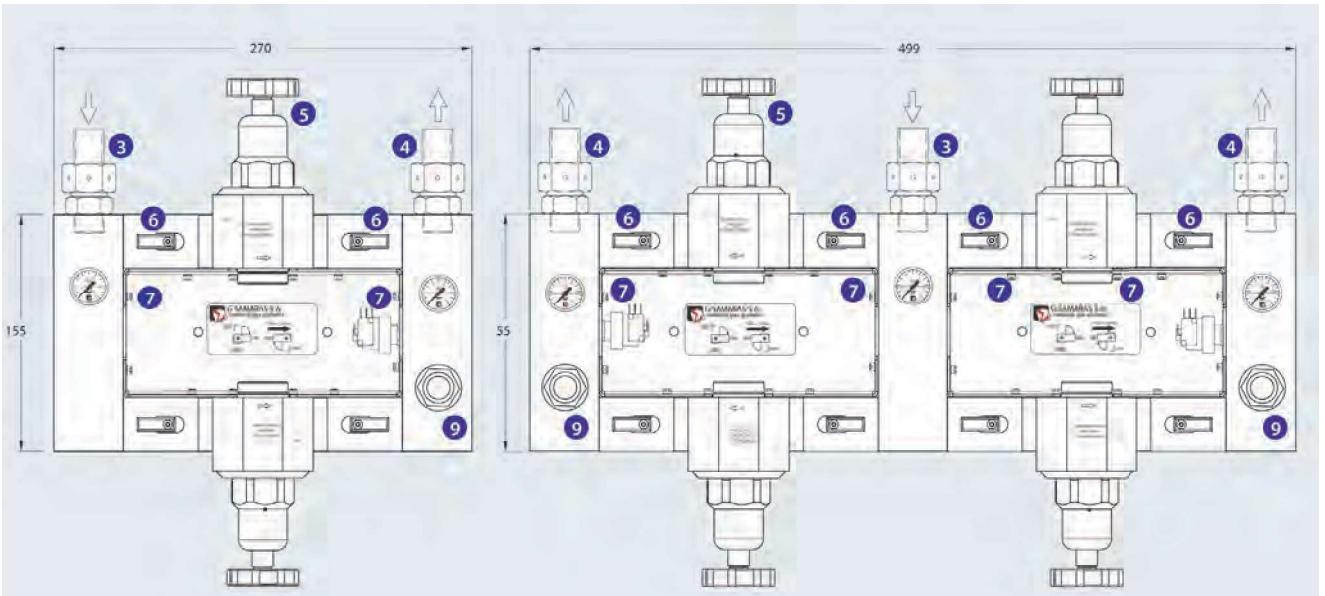
Control and Reducer Panel



LPR/GS5-L4 / LPR/GS5-L8

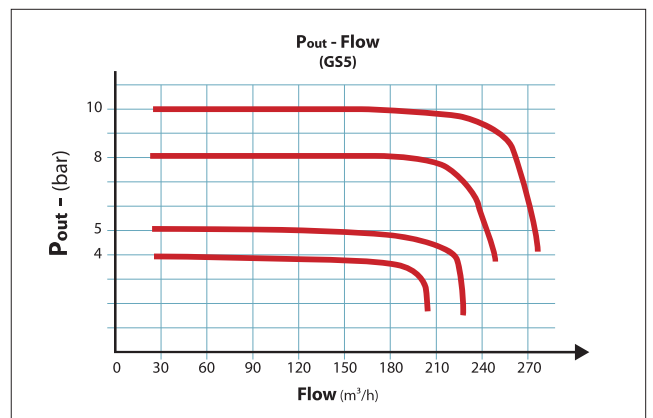
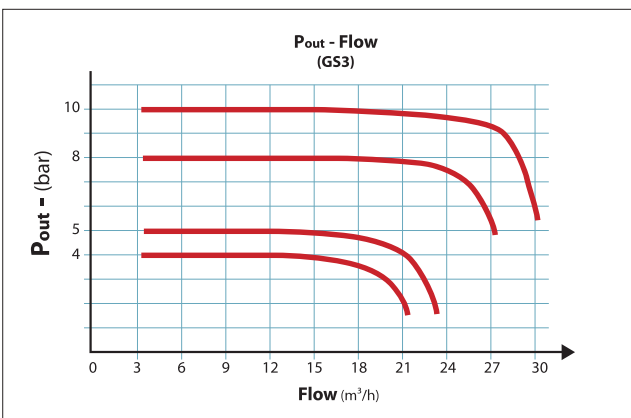


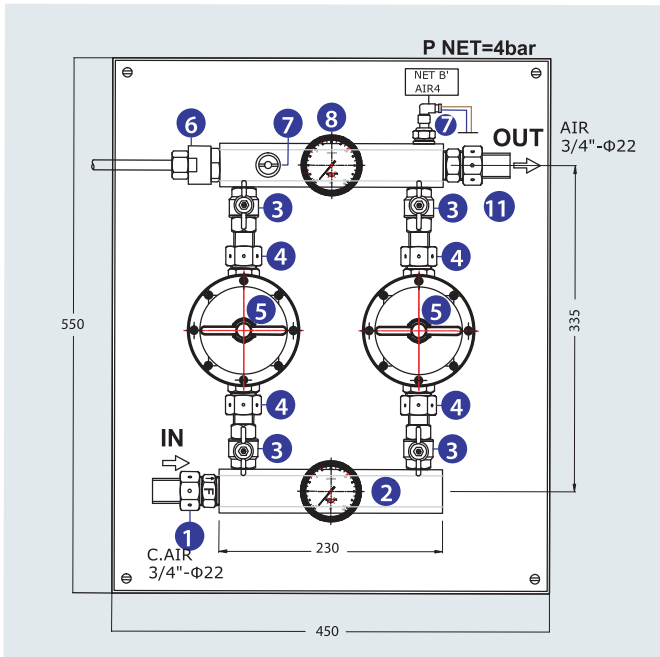
LPR/GS5-DV



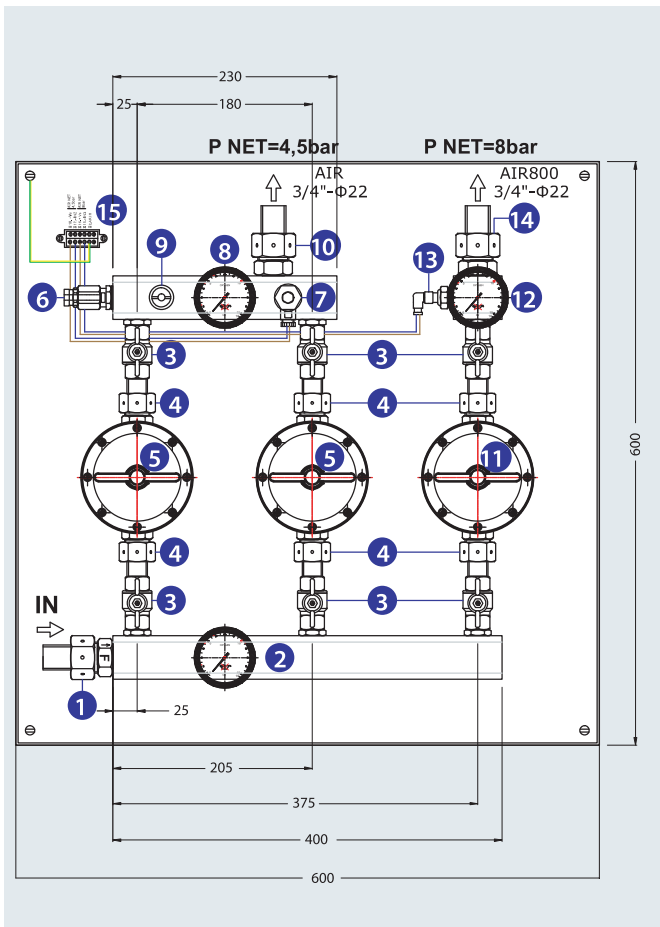
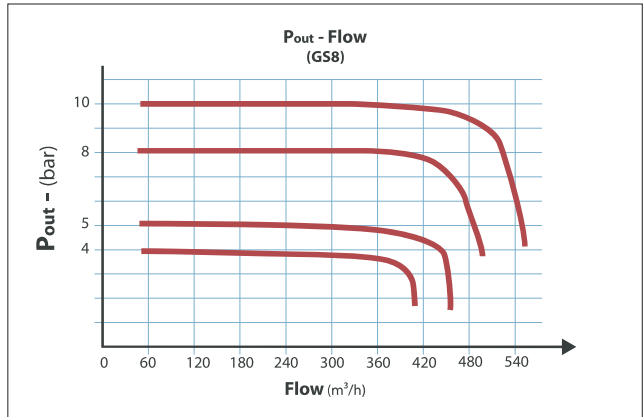
LPR/GS5-DV-L8

LPR/GS5D-L4/8S

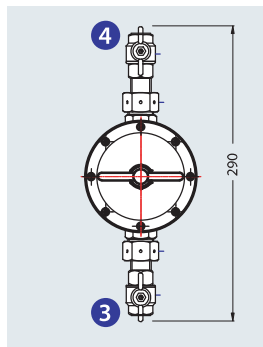




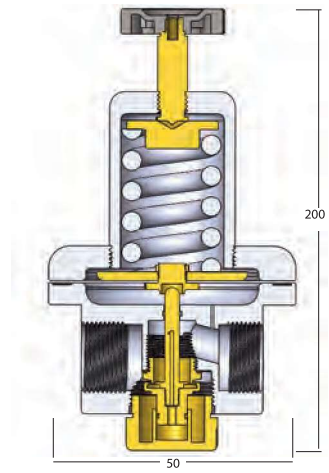
VG54



V2GS4



LPR GS8



Line pressure reducer
450m³/h LPR GS8-DV

INDEX

- 1 Manometer Ø40 0÷16bar
- 2 Manometer Ø40 0÷10bar
- 3 Inlet connection (high pressure)
- 4 Outlet connection (low pressure)
- 5 Adjustment screw
- 6 On/off plastic ball valve
- 7 Access plug to the filter and the pressure regulators valve
- 8 G1/8" female corner connection (set with 11)
- 9 NIST emergency outlet

Optional O₂/Air/N₂O outlet/NIST

- 10 Support bracket
- 11 Fitting with Ø 0,4mm hole
- 12 Digital pressure switch (ON/OFF)
- 13 Analogue transducer (4÷20mA, 16bar)

PRODUCT PORTFOLIO

Control and Reducer Panel

3.4.2 Second Stage Pressure Regulator Unit (Y/S GS N S/D) 93/42 MED

The 2nd stage pressure regulator unit controls and isolates the medical gases (O₂, N₂O, Air, CO₂) that feed the gas outlets.

The 2nd stage panel is suitable for flash or chased distribution networks, contains reducers, shut-off valves (upstream and downstream of reducers), pressure gauges, gas-specific connectors and low-high pressure switches, according to EN ISO 7396-1, HTM 02-01 and NFPA 99 standards.

| Output @ 4bar |
|---------------------------|
| 26m ³ /h |
| 144 m ³ /h |
| 180 m ³ /h |
| 438 m ³ /h |
| 2 x 26m ³ /h |
| 2 x 144 m ³ /h |
| 2 x 180 m ³ /h |
| 2 x 438 m ³ /h |

Y/S GS N S/D
N: Number of gases
S: Single
D: Double

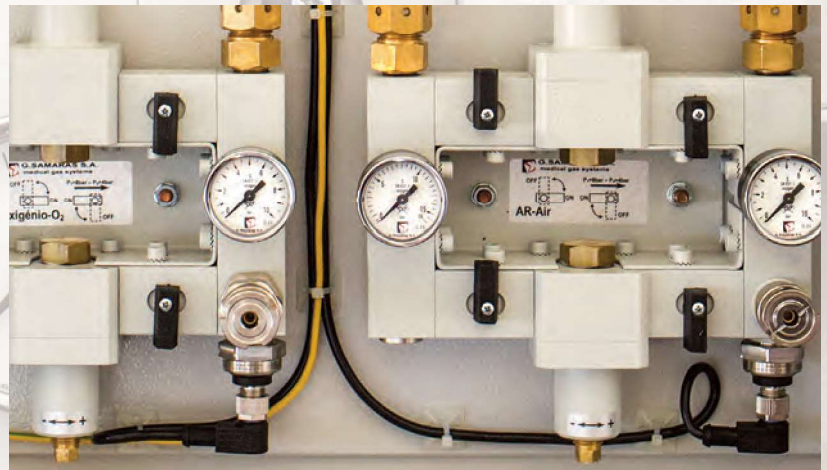
| Second reducer panels | G A S E S | | | | | |
|-----------------------|----------------|------------------|---------|-----|-----------|-------------|
| | O ₂ | N ₂ O | AIR/MA4 | Vac | Air800SA7 | Special gas |
| 1. One gas single | • | | | | | |
| 2. One gas double | • | | | | | |
| 3. Two gas single | • | | | • | | |
| 4. Two gas double | • | | | • | | |
| 5. Three gas single | • | | • | • | | |
| 6. Three gas double | • | | • | • | | |
| 7. Four gas single | • | • | • | • | | |
| 8. Four gas double | • | • | • | • | | |
| 9. Five gas single | • | • | • | • | • | |
| 10. Five gas double | • | • | • | • | • | |
| 11. Six gas single | • | • | • | • | • | • |
| 12. Six gas double | • | • | • | • | • | • |

- Sensors: can be analog 4-20mA or digital On/Off
- Alarm panels: can be set or separate
- Emergency inlet point: can be NIST type-N or gas specific type-5 (according to table 3.3)
- The 2nd Reducer Panels can be either type-E with external manometers - emergency inlet point (for easy access) or Type-5 with internal placement of manometers - Emergency Inlet Point visible through plexiglass cover.

Flow rate with nitrogen refers to normal pressure and temperature conditions. For the other gases multiply the values for nitrogen by the following coefficients: AIR = 0.98, OXYGEN = 0.93, NITROUS OXIDE = 0.79, CARBON DIOXIDE = 0.79



2nd stage Reducer Panel of 3 gases O₂, Air, Vac (double reducers) 2x25m³/h, Type-E



Second stage pressure regulator units with alarm panel

