

HiQ® REDLINE Gas panels A 208. Semi-automatic gas panel.

Single stage, semi-automatic gas supply panel with internal gas purging, designed for high purity gases and mixtures.



Description

Gas panel A 208 is a semi-automatic gas panel designed for uninterrupted gas supply. Switch-over between the two connected cylinders or bundles occurs when the pressure of one side (the primary side) falls below a pre-set pressure level. This is achieved by two integrated regulators (factory-set to slightly different delivery pressure levels) which are connected at their outlet ports.

Semi-automatic supply panels should be connected to an alarm so that the cylinders will be switched on time.

The panel can also be equipped with contact gauge (/C models) for automatic surveillance. When applicable the panel can be ordered with residual gas line (/R models) connecting the relief valve with the purge outlet.

Technical data

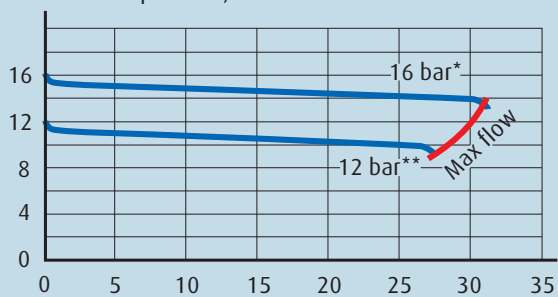
Inlet primary pressure	230 bar	3,300 psi
Outlet pressure	14 +3/-3 bar	200 +45/-45 psi
	50 +8/-10 bar	725 +115/-145 psi
Operating temperature	-20 – +70°C	-4 – +158°F
Connection	2x1 to 2x4 cylinders	
Process gas in	NPT 1/4" female	
Process gas out	NPT 1/4" female	
Purge gas outlet	Tube fitting 6 mm	
Material		
Housing	Brass, Ni/Cr plated	
	Stainless steel 316L	
Seals	PVDF	PCTFE
Membrane	Hastelloy®	

Highlights

- Continuous supply of pure gases
- Automatic switch over without auxiliary power
- Positive indication of active cylinder
- Process-gas purging system
- High flow capacity
- Compact design



Downstream pressure, bar

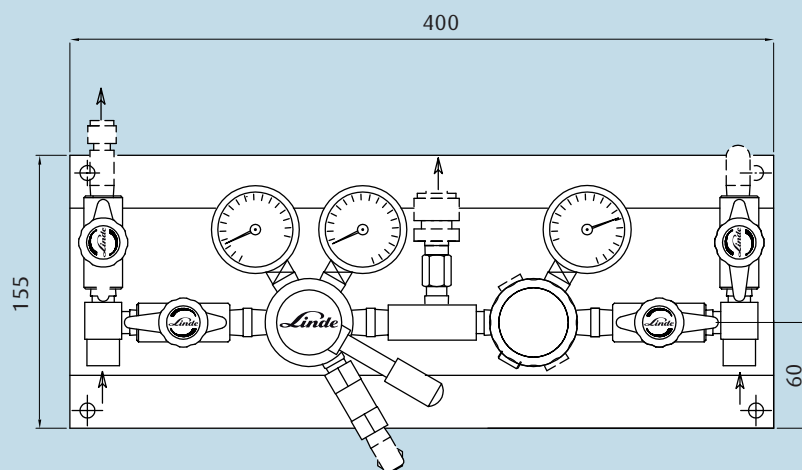
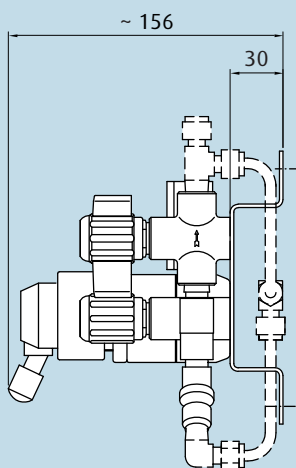
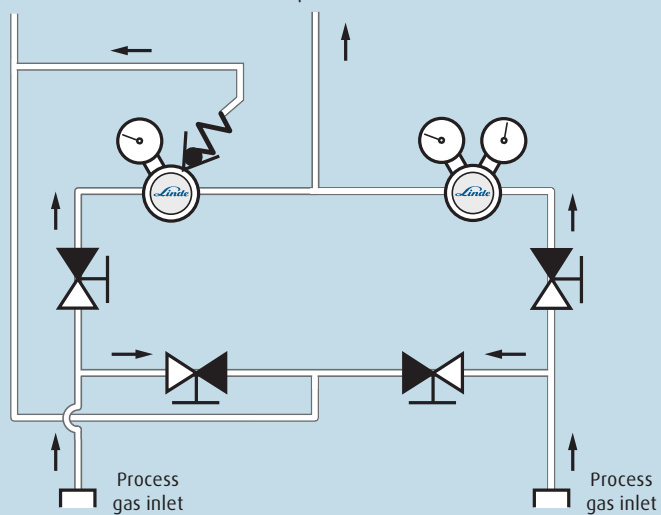


* Set pressure operating side
** Set pressure backup

Flow, Nm³/h N₂

To ventilation

To process



All measurements in millimeters.

R model. Drawings of other types available on request.