

Pressure Control Panel

VSP-7 Series

VIGOUR

Product Features

- Fully automatic pressure control panel
- VSR-3 Series single-stage regulator
- Brass chrome plated body for inert, reactive, flammable and oxidizing gas and mixtures up to grade 6.0
- Stainless steel 316L body and bonnet for corrosive gases
- Modular design
- Diaphragm type shut-off valves
- Suitable for inlet pressure up to 300 bar
- Easy installation into safety cabinet for gas cylinders
- When one side of the air source is exhausted, reverse circulation can be achieved without operation



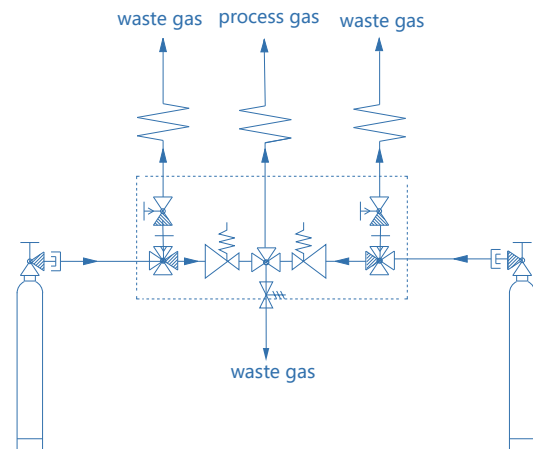
Typical Applications

- Component Testing
- Calibration Systems
- Laboratory Pressure Control
- High Pressure Sampling Systems
- Service & Test Equipment

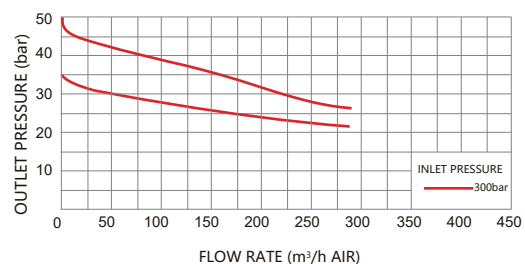
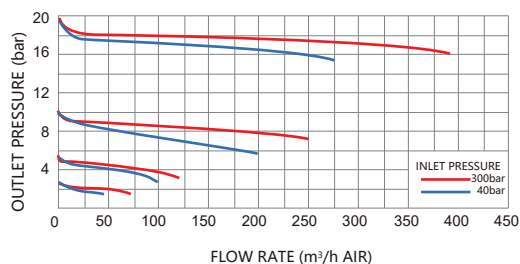
Technical Data

Type:	single-stage
Inlet pressure P1:	max. 300 bar
Outlet pressure P2:	2/4/10/20/35/50 bar
Materials	
Body regulator and valves:	see ordering info
Valve seat (regulator):	PCTFE
(shut-off valve):	PCTFE
Diaphragm (regulator):	Hastelloy® C276
(valve):	Elgiloy®
O-ring:	Viton® (FKM)
(option)	Kalrez® (FFKM)
Filter:	SS 316L
Inlet connection:	1/4" NPT(F)
Outlet connection:	3/8" NPT(F)
Temperature range:	-20°C to +60°C
Leak rate (to atmosphere):	1x10 ⁻⁸ mbar l/s He
(via seat):	1x10 ⁻⁶ mbar l/s He
Flow capacity:	Cv=1.0
Weight:	6.8kg

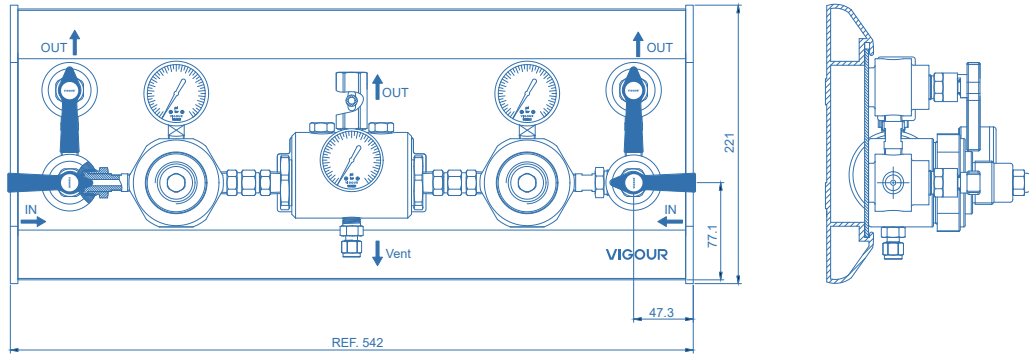
Schematic Drawing



Flow Chart



Dimensions (mm)



Ordering Information

VSP-7 S - 300 - 10 - P - P - V - N₂

Body Material

- S: 316L
- C: Chrome Plated Brass

Inlet Pressure P₁

- 40: 40 bar
- 100: 100 bar
- 200: 200 bar
- 300: 300 bar

Outlet Pressure P₂

- 2: to 2 bar
- 4: to 4 bar
- 10: to 10 bar
- 20: to 20 bar
- 35: to 35 bar (Non Relief valve)
- 50: to 50 bar (Non Relief valve)

Type Of Gas

Please specify type of gas

Option

- None: Includes inlet valve and vent valve
- V: Including inlet valve, not including vent valve
- X: Non inlet valve and vent valve

Outlet Pressure Indication

- P: Pressure gauge
- K: Contact gauge

Inlet Pressure Indication

- P: Pressure gauge
- K: Contact gauge

