

Pressure Control Panels

VSP-1 Series

VIGOUR

Product Features

- Pressure control panel
- VSR-2E 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 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
- Tested for use with oxygen

Typical Applications

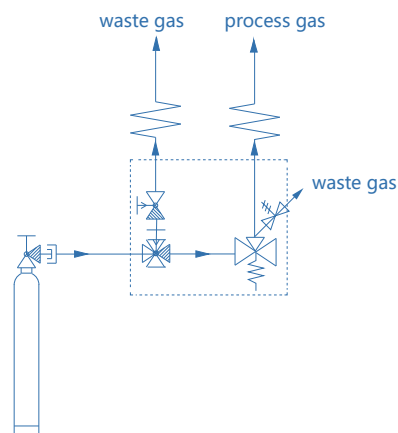
- Component Testing
- Calibration Systems
- Laboratory Pressure Control
- High Pressure Sampling Systems
- Service & Test Equipment

Technical Data

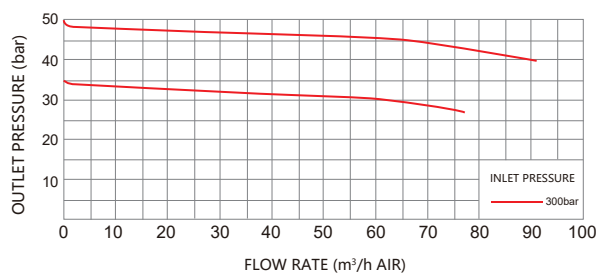
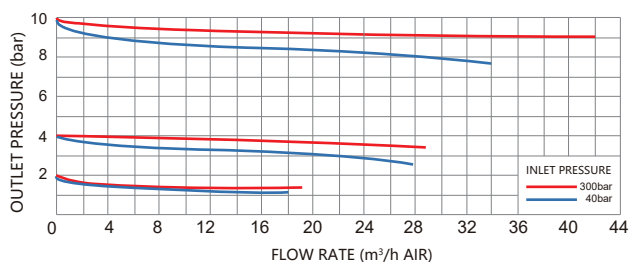
Type:	single-stage
Inlet pressure P1:	max. 300 bar
Outlet pressure P2:	2/4/10/20/35/50 bar
Materials	
Body regulator:	see ordering info
Valve seat (regulator):	PCTFE
(shut-off valve):	PCTFE
Diaphragm (regulator):	Hastelloy®C276
(valve):	Elgiloy®
O-ring:	Viton® (FKM)
(option)	Kalrez® (FFKM)
Filter:	SS 316L
Inlet connection:	1/4"NPT(F)
Outlet connection:	1/4"NPT(F)
Temperature range:	-30°C to +74°C
Leak rate (to atmosphere):	1x10 ⁻⁸ mbar l/s He
(via seat):	1x10 ⁻⁶ mbar l/s He
Weight:	3.5kg



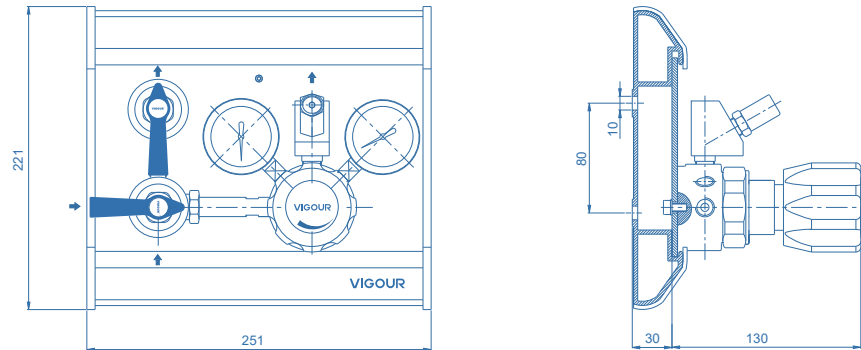
Schematic Drawing



Flow Chart



Dimensions (mm)



Ordering Information

VSP - 1S - 300 - 10 - P - P - V - N₂

Body Material S: 316L C: Chrome Plated Brass		Type Of Gas Please specify type of gas
Inlet Pressure P₁ 40: 40 bar 100: 100 bar 200: 200 bar 300: 300 bar		Option Blank: Includes inlet valve and purge valve V: Including inlet valve, not including purge valve
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)		Outlet Pressure Indication P: Pressure gauge K: Contact gauge
		Inlet Pressure Indication P: Pressure gauge K: Contact gauge

