

# Pressure Control Panels - Automatic Change Over System

## VSP-5A Series

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### Product Features

- Pressure control panel with automatic change-over function
- VSR-1 / VSR-1E 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
- Compact design for easy installation into safety cabinets
- Tested for use with oxygen

### Typical Applications

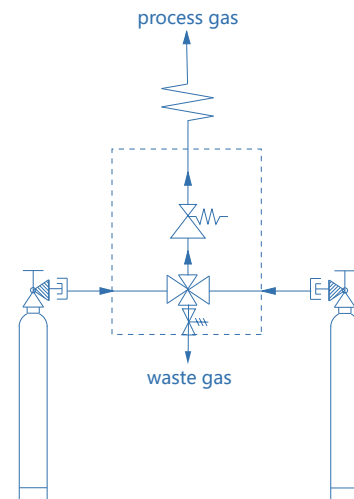
- Component Testing
- Calibration Systems
- Laboratory Pressure Control
- High Pressure Sampling Systems
- Service & Test Equipment



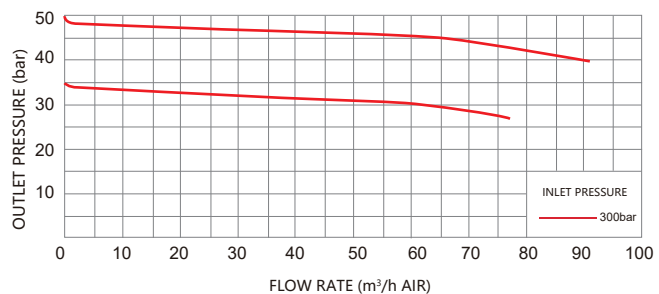
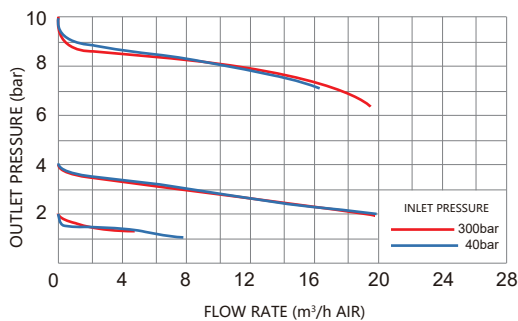
### Technical Data

Type:	Double 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:	PCTFE
Diaphragm:	Hastelloy® C276
Filter:	SS 316L
Temperature range:	-30°C to +74°C
Leak rate (to atmosphere):	1x10 <sup>-8</sup> mbar l/s He (via seat): 1x10 <sup>-6</sup> mbar l/s He
Weight:	12.1kg

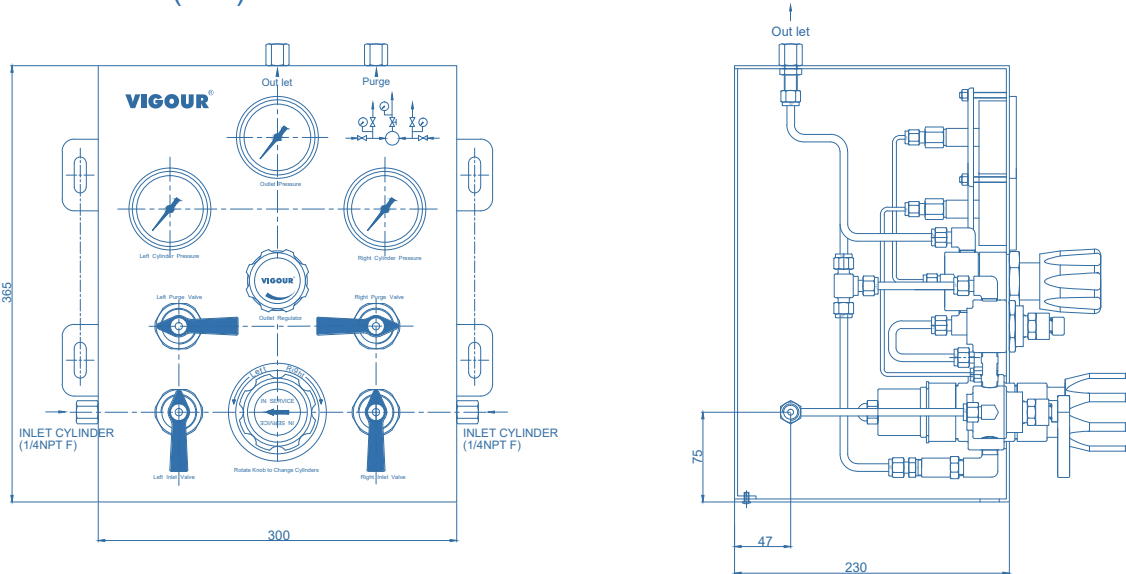
### Schematic Drawing



### Flow Chart



### Dimensions (mm)



### Ordering Information

**VSP - 5AS - 200 - 10 - F4 - F4 - V - N<sub>2</sub>**

#### Body Material

S: 316L  
C: Chrome Plated Brass

#### Inlet Pressure P<sub>1</sub>

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

#### Outlet Pressure P<sub>2</sub>

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 purge valve  
V: Including inlet valve, not including purge valve  
X: Non inlet valve and purge valve

#### Outlet Connection

F4: 1/4"NPT(F)

#### Inlet Connection

F4: 1/4"NPT(F) (standard)  
M4: 1/4"NPT(M)

