

### Product Features

- Pressure control panel with automatic change-over function
- VSR-1E / VSR-6E 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
- Tested for use with oxygen



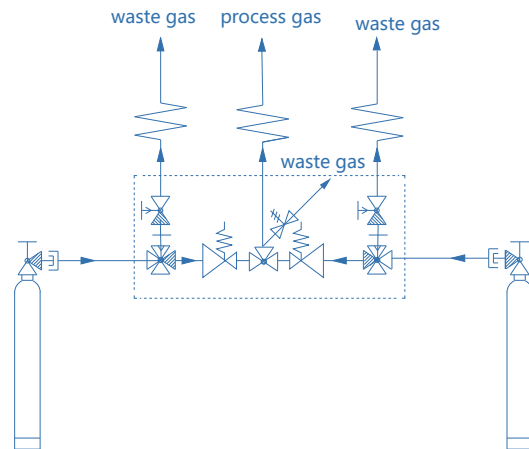
### Typical Applications

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

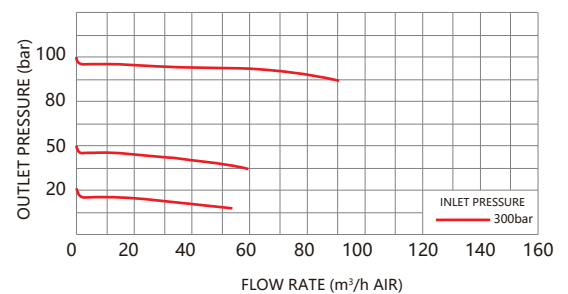
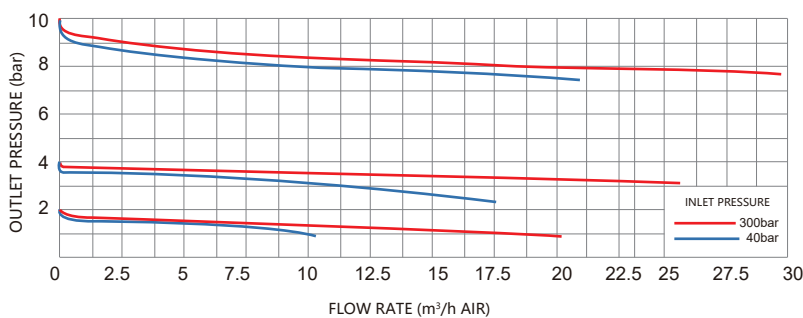
### Technical Data

Type:	single-stage
Inlet pressure P1:	max. 300 bar
Outlet pressure P2:	2/4/10/20/50/100 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:	1/4"NPT(F)
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:	4.8kg

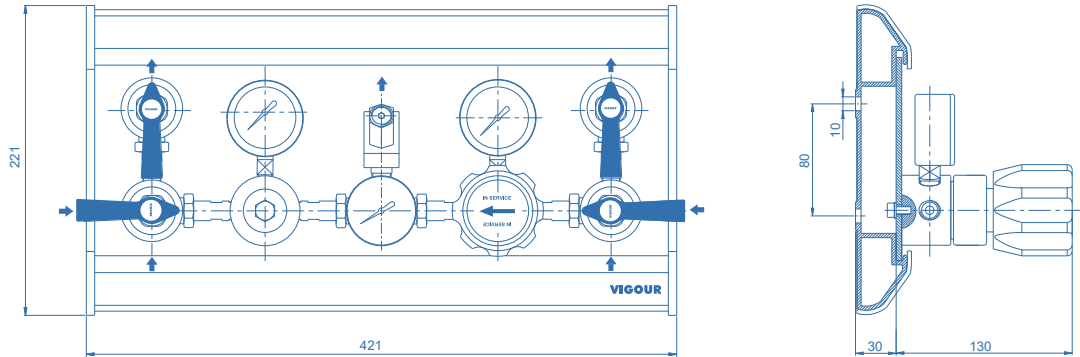
### Schematic Drawing



### Flow Chart



**Dimensions (mm)**



**Ordering Information**

**VSP - 3AES - 300 - 10 - P - P - V - N2**

<p><b>Body Material</b></p> <p>S: 316L C: Chrome Plated Brass</p>	<p><b>Inlet Pressure P<sub>1</sub></b></p> <p>40: 40 bar 100: 100 bar 200: 200 bar 300: 300 bar</p>	<p><b>Outlet Pressure P<sub>2</sub></b></p> <p>2: to 2 bar 4: to 4 bar 10: to 10 bar 20: to 20 bar 50: to 50 bar (Non Relief valve) 100: to 100 bar (Non Relief valve)</p>	<p><b>Type Of Gas</b></p> <p>Please specify type of gas</p>	<p><b>Option</b></p> <p>Noen: Includes inlet valve and purge valve V: Including inlet valve, not including purge valve X: Non inlet valve and purge valve</p>	<p><b>Outlet Pressure Indication</b></p> <p>P: Pressure gauge K: Contact gauge</p>	<p><b>Inlet Pressure Indication</b></p> <p>P: Pressure gauge K: Contact gauge</p>
---	---	--	---	---	--	---

