

Pressure Control Panels - Automatic Change Over System

VSP-11E Series

Product Features

- Pressure control panel with automatic change-over function
- VSR-11E Series dual 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



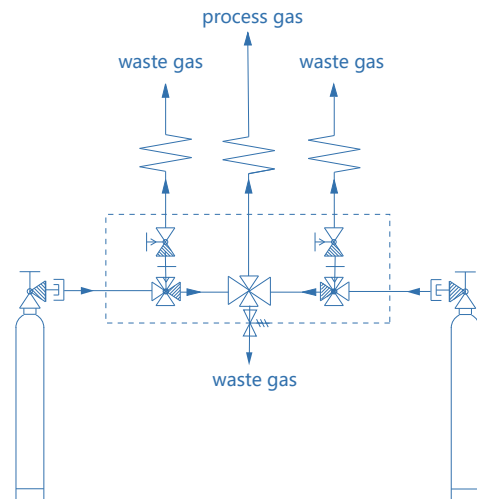
Typical Applications

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

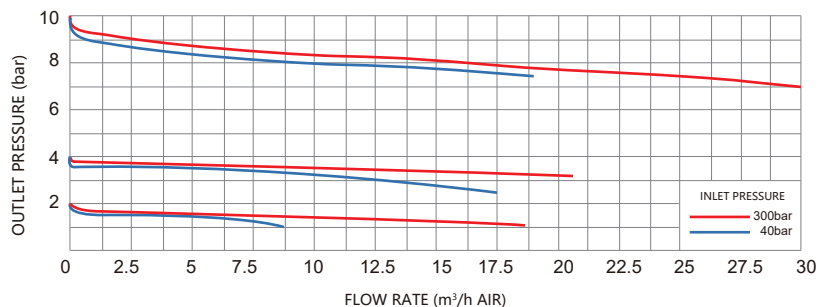
Technical Data

Type:	Double stage
Inlet pressure P1:	max. 300 bar
Outlet pressure P2:	2/4/10/20 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 ⁻⁸ mbar l/s He
(via seat):	1x10 ⁻⁶ mbar l/s He
Weight:	5.1kg

Schematic Drawing



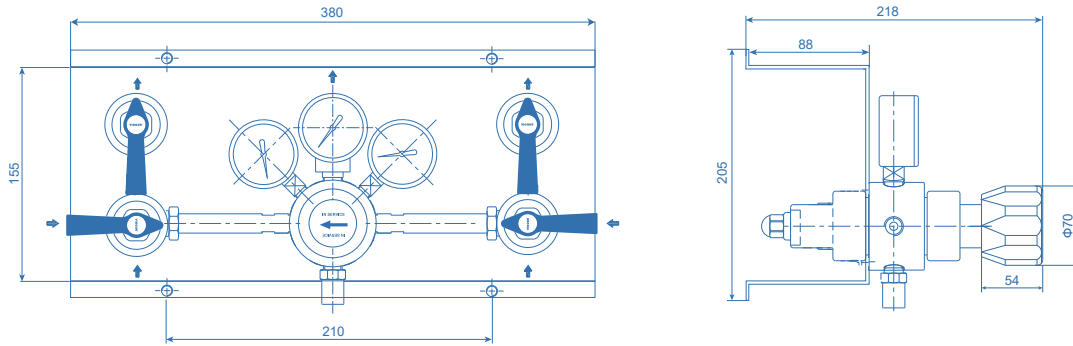
Flow Chart



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Dimensions (mm)



Ordering Information

VSP - 11ES - 200 - 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 None: Includes inlet valve and vent valve V: Including inlet valve, not including vent valve
Outlet Pressure P₂ 2: to 2 bar 4: to 4 bar 10: to 10 bar 20: to 20 bar	Outlet Pressure Indication P: Pressure gauge K: Contact gauge
	Inlet Pressure Indication P: Pressure gauge K: Contact gauge