

VSP-3AE Series



Product Features

- Pressure control panels with automatic change-over function
- VSR-1E series single-stage regulator
- Brass chrome plated body and bonnet for non-corrosive gases and mixtures up to grade 6.0
- Stainless steel 316L body and bonnet for corrosive and toxic gases
- Diaphragm type shut-off valves
- Modular design
- Suitable for inlet pressure up to 300 bar
- Easy installation into safety cabinet for gas cylinders
- Tested for use with oxygen

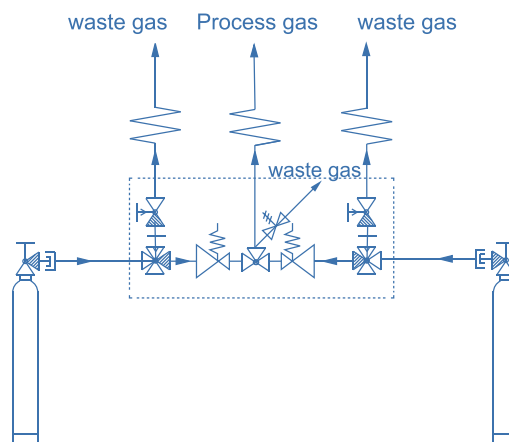


VDV30 for inlet 300bar

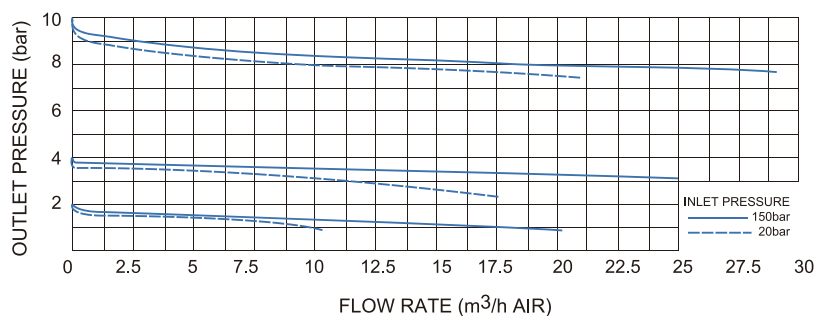
Technical Data

Type:	single-stage
Inlet pressure P ₁ :	max. 300 bar
Outlet pressure P ₂ :	2/4/10 bar
Materials:	
Body regulator and valves:	see ordering info
Valve seat (regulator):	PCTFE
(shut-off valve):	PCTFE(VDV30) PEEK(VDV1)
Diaphragm (regulator):	Hastelloy® C276
(valve):	Hastelloy® C276
O-ring:	Viton® (FKM)
(option)	Kalrez® (FFKM)
Filter:	SS 316L
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:	4.8 kg

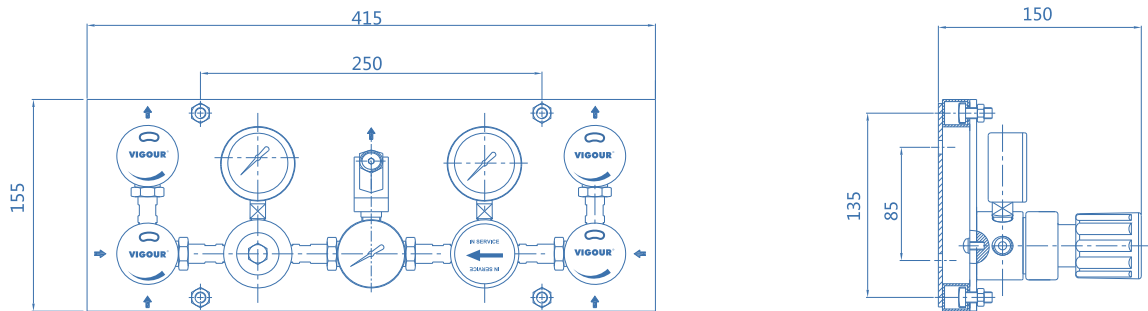
Schematic Drawing



Flow Chart



Installation Dimensions



Ordering Information

VSP - 3AES - 300 - 10 - P - P - N₂ - X

Body Material

S: 316L
C: chrome plated brass
B: 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

Option

X: without purge module
(Check valve or shut-off valve is recommended.)

Gas Type

Please specify gas type

Outlet Press. Indication

P: Pressure gauge

Inlet Press. Indication

P: Pressure gauge
K: Contact gauge