

Gas Terminal

VSR-2TG Series

Product Features

- Wall-mounting tapping points
- VSR-2EL series single-stage regulator
- Stainless steel 316L body and bonnet for corrosive gases
- Modular design
- Diaphragm type shut-off valves
- Suitable for inlet pressure up to 100 bar
- Tested for use with oxygen

Typical Applications

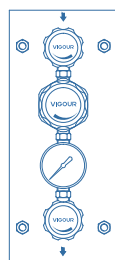
- Component Testing
- Calibration Systems
- Laboratory Pressure Control
- High Pressure Sampling Systems
- Service & Test Equipment



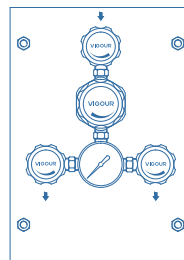
Technical Data

Type:	single-stage
Inlet pressure P1:	max. 300 bar
Outlet pressure P2:	2/4/10/20/35/50 bar
Materials	
Body regulator and valves:	see ordering info
Valve seat (regulator):	PCTFE
(shut-off valve):	PEEK
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
Flow capacity:	
(Outlet pressure:2/4/10/20 bar)	Cv=0.28
(Outlet pressure:35/50 bar)	Cv=0.08
Weight:	4.5~6.9kg

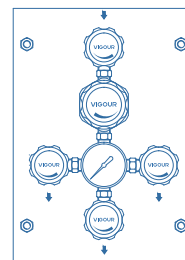
Schematic Drawing



"A" type:
Single outlet

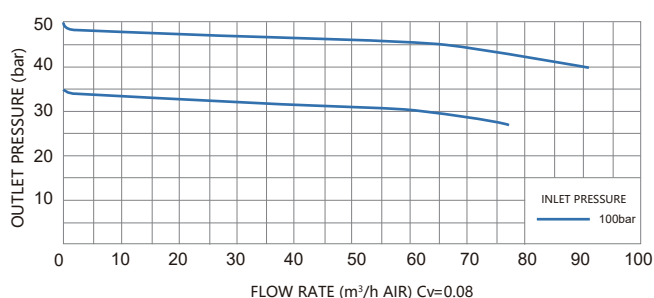
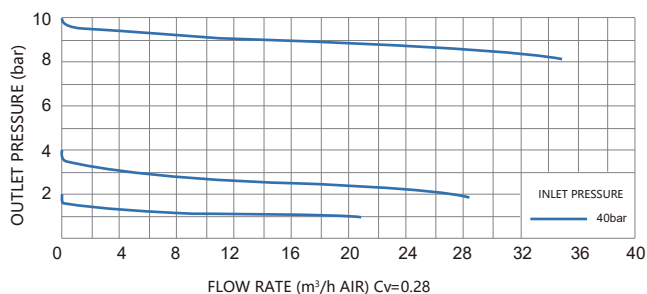


"B" type:
Dual outlet

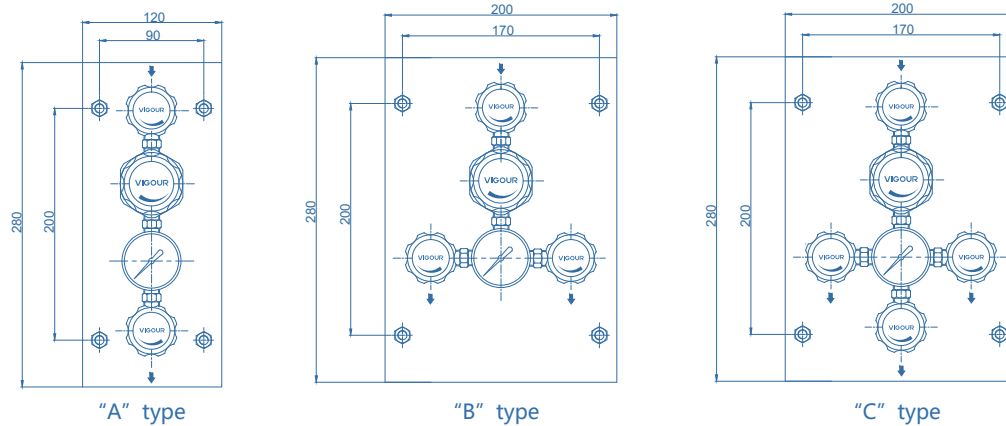


"C" type:
Triple outlet

Flow Chart



Dimensions (mm)



*As shown in the diagram, the inlet/outlet connection is the model of DV04.

Ordering Information

VSR - 2TGS - 100 - 10 - DV04 - DV04 - A - N₂

Body Material

S: 316L

C: Chrome Plated Brass

Inlet Pressure P₁

40: 40 bar

100: 100 bar

Outlet Pressure P₂

2: to 2 bar

4: to 4 bar

10: to 10 bar

20: to 20 bar

35: to 35 bar

50: to 50 bar

Type Of Gas

Please specify type of gas

Inlet Type

A: "A" type single outlet

B: "B" type dual outlet

C: "C" type triple outlet

Inlet / Outlet Port

DV04: 1/4" Diaphragm valve

04: 1/4" Tube fitting

F4: 1/4" NPT(F)