

### Product Features

- Purge assemblies
- Brass chromed plated body and bonnet for inert, reactive, flammable and oxidizing gas and mixtures up to grade 6.0
- Stainless steel 316L for corrosive gases
- Diaphragm type shut-off valves
- Suitable for inlet pressure up to 300 bar
- Tested for use with oxygen

### Straight purge assemblies

The straight purge assembly is connected to the regulator body via an auxiliary high pressure port. The gas is vented through the body to a downstream location.



Straight purge assemblies

### Tee purge assemblies

The tee purge can be connected between the cylinder and the regulator, or between the regulator and the instrument. The system can be flushed with the purging gas to remove contaminants prior to start-up or after a cylinder change.



Tee purge assemblies

### Cross purge assemblies

The cross purge assembly is used between the cylinder and the regulator. In addition to the features on the tee purge, the cross purge assembly allows the use of inert purge gas.



Cross purge assemblies

### Block & bleed purge assemblies

Block and bleed purges are typically used in manifolds or other applications where atmospheric contaminants need to be purged after cylinder changeout.



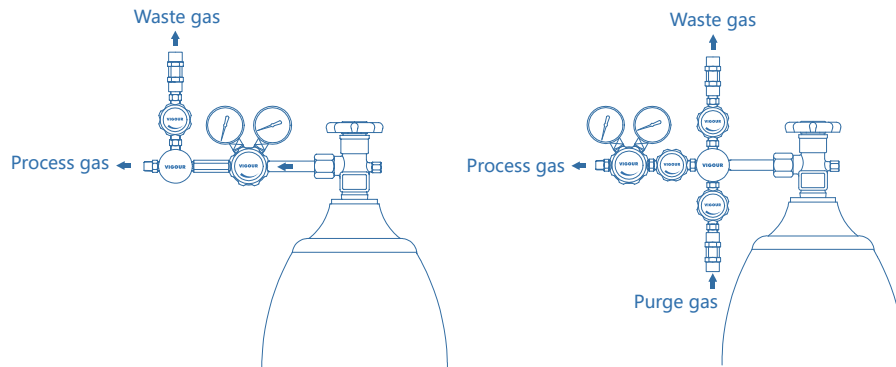
Block & bleed purge assemblies

### Technical Data

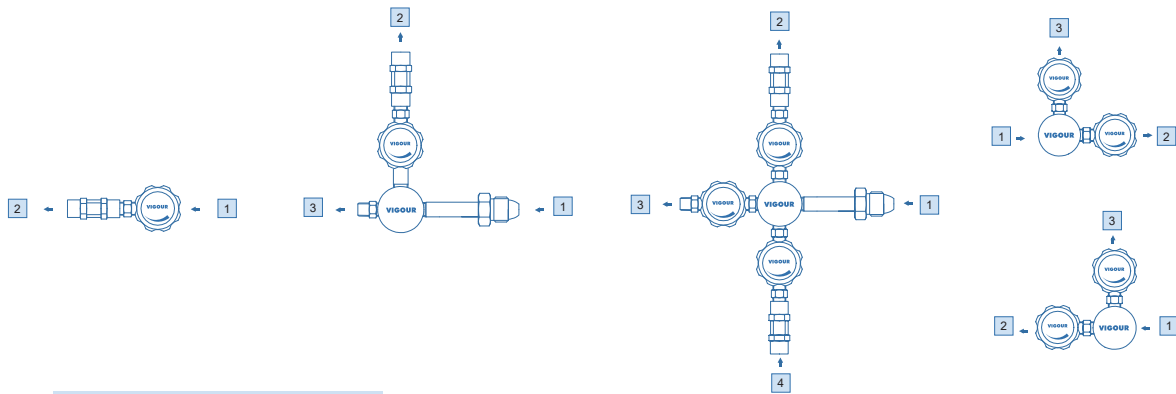
Type:	Purge assemblies
Inlet pressure:	max. 300 bar
Materials	
Body:	see ordering info
Diaphragm:	Hastelloy® C276 Elgiloy®
Seat:	PCTFE
Filter:	SS 316L
Inlet connection:	1/4" NPT(F)
Temperature range:	-30°C to +74°C
Leak rate:	1x10 <sup>-8</sup> mbar l/s He
Orifice:	Φ2.7mm



**Schematic Drawing**



**Ordering Information**



**Inlets / Outlets**

F4: 1/4" NPT(F)	04: 1/4" Tube fitting	CGA: USA	GB: China
M4: 1/4" NPT(M)	DIN: Germany	UNI: Italy	CV: Check valve
02: 1/8" Tube fitting	BSP: British	NF: French	

\* Other connection standard, consult factory

**Port Selection**

VSP - U S C - 1 - 2 - 3 - 4 - N<sub>2</sub>

**Type**

- S: Straight purge assemblies
- T: Tee purge assemblies
- C: Cross purge assemblies
- LB: Left block & bleed purge assemblies
- RB: Right block & bleed purge assemblies

**Type of Gas**

Please specify type of gas

**Body Material**

- S: 316L
- C: Chrome Plated Brass

