

P6250S SERIES

Gas Panel-5 Valve

Specialty Gas Equipment



» P6250S-DIP

Materials

• Valves	Stainless Steel with PCTFE Seat, Diaphragm Type
• Relief Valve	Stainless Steel with Viton O-Rings
• Check Valve	Stainless Steel with Viton O-Rings
• Regulator	Stainless Steel with PCTFE Seat, Single Stage
• Gauges	Stainless Steel
• Tubing & Fittings	Stainless Steel
• Flex or Rigid Hose	Stainless Steel
• Back Plate	Aluminum Alloy

GENTEC® P6250 Series Panel offers a regulator, on/off process valve, and low pressure and high pressure vent valves. The panel is designed for toxic, semi-corrosive and flammable gases that require additional purging. This 5V panel is the 3V panel with a low pressure vent valve, which provides extra safety during the purging process. The vent line is protected from back flow by a check valve downstream of the vent.

Product Features

- Material of construction: Stainless Steel
- Regulator: Stainless Steel with PCTFE Seat, Single Stage
- Full-Turn Diaphragm Valves
- One (5V) Panel
- All components mounted on an 11" H x 14" W Steel Panel
- Options: EFV, ESO, EFS

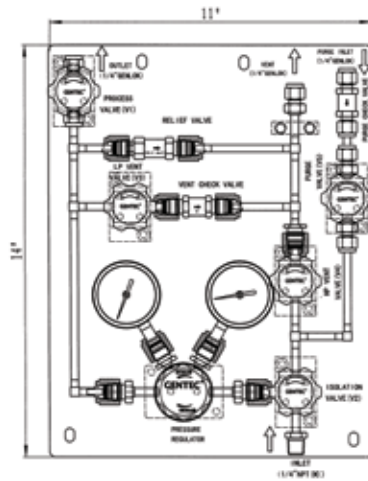
Applications

- Research Laboratories
- Aerospace
- Semiconductor
- Laboratories

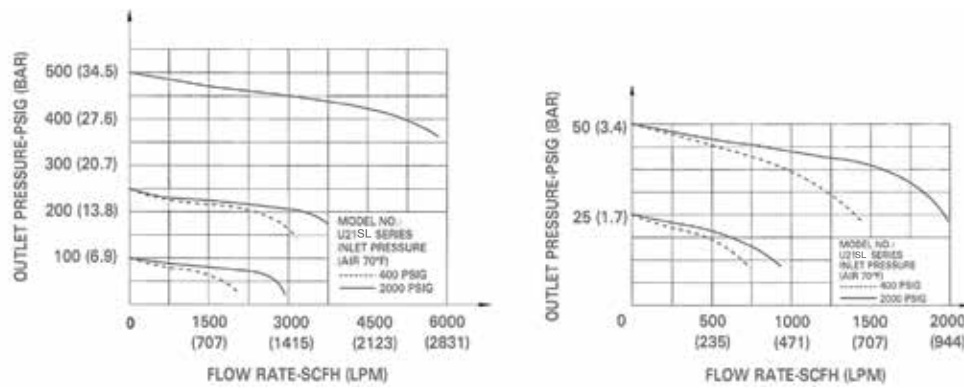
Specifications

- **Inlet connection:** 1/4" NPT(M); Option 1/4" VCR(M)
- **Outlet connection:** 1/4" OD Compression Fitting, SS (GENLOK); Option 1/4" VCR(M)
- **Purge Inlet:** 1/4" OD Compression Fitting, SS (GENLOK); Option 1/4" VCR(M)
- **Vent outlet:** 1/4" OD Compression Fitting, SS (GENLOK); Option 1/4" VCR(M)
- **Inlet:** 3000 psig maximum
- **Outlet:** 250 psig maximum
- **Operating Temp:** -40°F to 165°F
- **Leak Rate:** 2×10^{-8} atm cc/sec He
- **Cv:** 0.14
- **Options:** ESO, EFV, EFS

Dimensions



Flow Data



Ordering Information

EX:P6250S- Series	D Inlet Pressure	I Delivery Pressure	P - Gauge Unit	C580 - Inlet Connections	S - Pigtail	11 - Purge/Outlet/Vent Connection	ESO Options
• P6250S	D: 3000 psig	L: 25 psig I: 100 psig G: 250 psig	K: psig / kPa P: psig / bar	Pigtail C320: CGA320 C326: CGA326 C330: CGA330 C350: CGA350 C510: CGA510 C540: CGA540 C580: CGA580 C590: CGA590 C660: CGA660 No Pigtail 00: 1/4" NPT(M) 92: 1/4" VCR(M)	S: 316L T: Teflon	11: 1/4" GENLOK 92: 1/4" VCR(M)	Blank: None EFV* ESO** EFS***

*Excess Flow Valve (EFV), **Emergency Shut-off Valve (ESO), ***Excess Flow Switch (EFS)