

# P621CS SERIES

Gas Panel-2 Valve with Cross Purge

Specialty Gas Equipment



## » P621CS-DIP

### Materials

• Valves	Stainless Steel with PCTFE Seat, Diaphragm Type
• 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® P621C Series Panel offers a regulator, on/off process valve, a pipe away relief valve and cross purge. The panel is designed for semi-corrosive gases where purging is required. The cross purge provides deep purge of the panel from cylinder to the outlet.

### Product Features

- Material of construction: Stainless Steel
- Regulator: Stainless Steel with PCTFE Seat, Single Stage
- Full-Turn Diaphragm Valves
- Two-Valve (2V) Panel + Cross Purge
- Inlet Cross Purge designed to maintain purity in a system during cylinder change-out
- All components mounted on an 11" H x 14" W Steel Panel
- Options: EFV, ESO, EFS

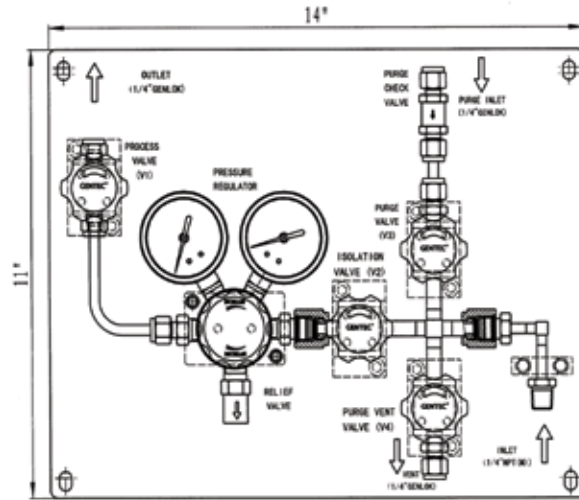
### Applications

- Research Laboratories
- Semiconductor
- Aerospace

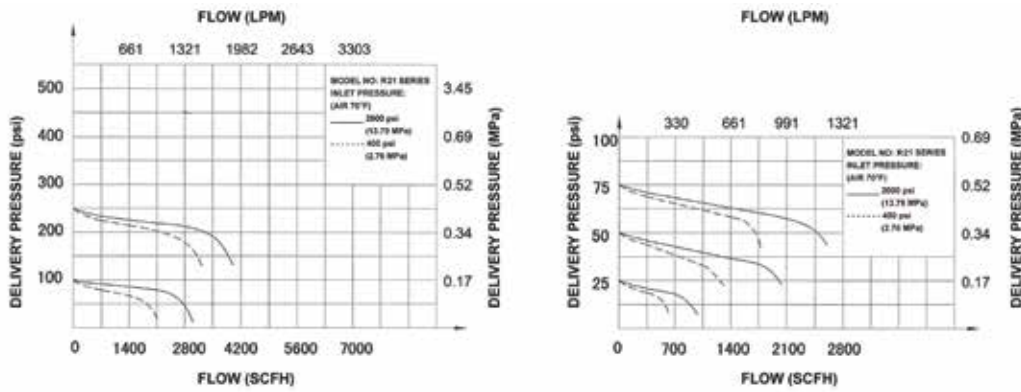
### Specifications

- **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:**  $2 \times 10^{-8}$  atm cc/sec He
- **Cv:** 0.14
- **Options:** ESO, EFV, EFS

## Dimensions



## Flow Data



## Ordering Information

EX:P621CS- Series	D Inlet Pressure	I Delivery Pressure	P - Gauge Unit	C580 - Inlet Connection	S - Pigtail	11 - Purge/Outlet/Vent Connection	ESO Options
• P621CS	D: 3000 psig	L: 25 psig I: 100 psig G: 250 psig	K: psig / kPa P: psig / bar	Pigtail C320: CGA320 C326: CGA326 C350: CGA350 C510: CGA510 C540: CGA540 C580: CGA580 C590: CGA590  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)