

P3300S SERIES

Dual-Bank Low Pressure Specialty Gas Control Panels

Specialty Gas Equipment

GENTEC® P3300S Series Specialty Gas Control Panel is a dual-bank control system, designed to provide accurate control of a variety of gases used in research laboratories, laser gas systems, process analyzers, etc. Vent valves can be integrated for purging to ensure maximum purity of gas and minimize contaminants. A check valve located in between the inlet pressure gauge and regulator at both ends ensures additional safety for the user(s). Available in both stainless steel and brass.



Product Features

- Dual-bank gas supply
- 2" stainless steel pressure gauges
- All parts are mounted on a single panel for easy installation
- Inlet valve(s) for changing cylinder(s) included. Outlet and Vent valves are optional
- Diaphragm valves include an easy-to-read status window (open / close)
- Integrated safety relief valve to ensure additional safety
- Diaphragm valve connections are orbital welded to minimize contamination and leakage

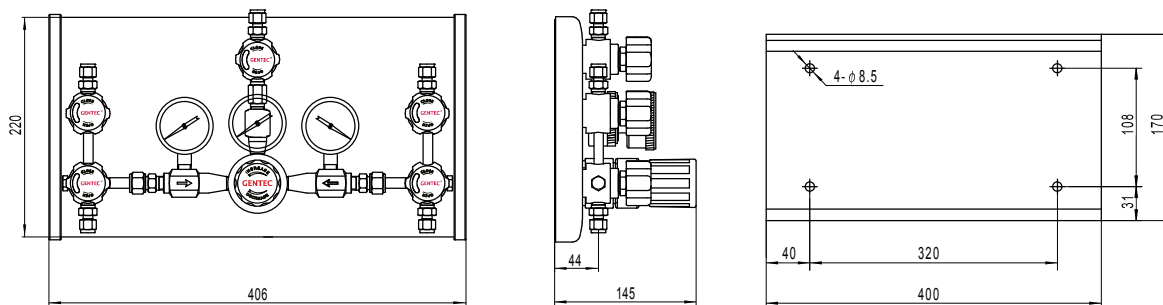
Specifications

- **Maximum inlet pressure:** 500, 250 psi
- **Maximum outlet pressure:** 25, 50, 100, 150 psi
- **Operating temperature range:** -40 to 165 °F (-40 to 74 °C)
- **Leak rate:** 2×10^{-8} atm.cc/sec He
- **Cv:** 0.2

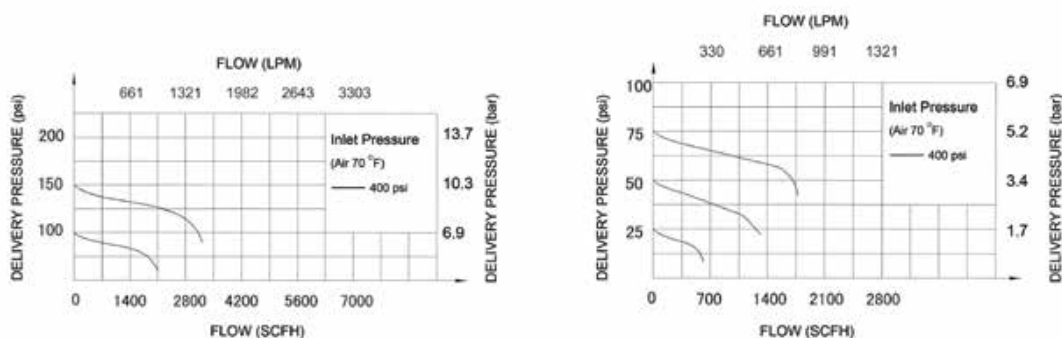
Materials of Construction

- **Regulator and valve body:** Stainless steel
- **Regulator seat:** Neoprene
- **Panel:** Aluminium Alloy
- **Panel inlet connections:** 1/4" GENLOK®, 1/4" FSR, 1/2" FSR
- **Panel outlet connections:** 1/4" GENLOK®, 1/4" FSR

Dimensions



Flow Data



Ordering Information

EX: P33	1	1	S	N -	F	H	P	Options	- N2
Series	Valve Assembly	Inlet Connection	Valve Body	Regulator Seat*	Inlet Pressure	Outlet Pressure	Gauge		Gas Options
• P33	1: Inlet / outlet / vent 2: Inlet / vent 3: Inlet / outlet 4: Inlet only	1: 1/4" Genlok (Vertical) 2: 1/4" FSR (Vertical) 3: 1/2" FSR (Straight) 5: 1/4" NPT (Vertical) 6: 1/4" FNPT (Vertical)	S: Stainless steel	N: Neoprene	F: 500 psi G: 250 psi	L: 25 psi K: 50 psi I: 100 psi H: 150 psi G: 250 psi	P: psi / bar K: psi / kPa W: No Gauge	Blank: Standard C: Electronic Contact Gauge V: Waste gas disposal	Blank: None NH4: Ammonia C2H2: Acetylene

*: Please contact GENTEC for regulator seat