P4100 SERIES

Terminal Gas Control Panels

GENTEC® P4100 Series Terminal Gas Control Panel is designed for accurate control of gases in downstream applications such as laboratory gas distributions, assembly lines, etc. This series of control panels come in a variety of configurations, ranging from one outlet point to multiple outlet points, as well as one terminal to multiple terminals to meet a wide range of requirements and applications. Please see ordering information for more options.

P4111SL-HG-W12B12

P4121SL-HG-W12B12

P4131SL-HG-W12B12

Product Features

- Designed for terminal gas control
- Easy-to-read 2” stainless steel pressure gauges
- Single panel configuration for easy installation
- Valves are available in three types: ball valves, diaphragm valves, and needle valves

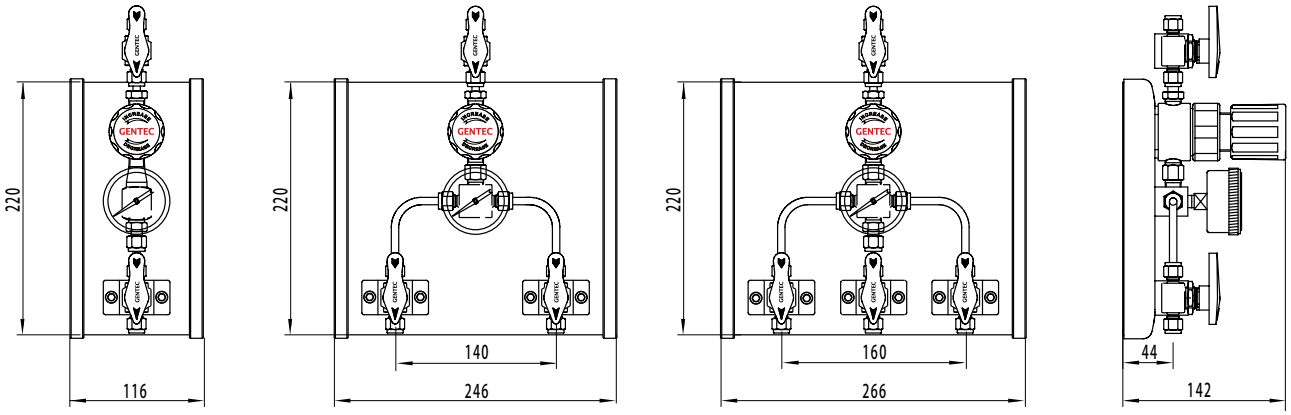
Specifications

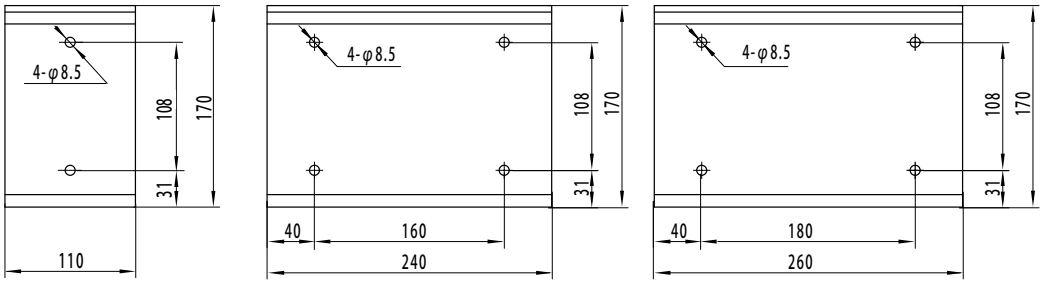
- **Maximum inlet pressure:** 500 psi
- **Maximum outlet pressure:** 25, 50, 100, 150, 250 psi
- **Operating temperature range:** -40 to 165 $^{\circ}$F (-40 to 74 $^{\circ}$C)
- **Leak rate:** 2x10^{-8} atm.cc/sec He
- **CV:** 0.14

Materials of Construction

- **Valve body:** Stainless steel
- **Pressure Gauge:** Stainless steel

Dimensions





P4111 P4121 P4131

Ordering Information

EX: P41 Series	1 Inlet / Outlet Connection	1 No. of Terminals	SL - Material	H Outlet Pressure	P Gauge	B Inlet Valve	12 Inlet Connection	W Outlet Valve	12 - Outlet Connection	AIR Gas Options
• P41	1: One inlet / one outlet 2. One inlet / two outlets 3. One inlet / three outlets	1: One 2: Two 3. Three	SL: Stainless steel	L: 25 psi K: 50 psi I: 100 psi H: 150 psi G: 250 psi	P: psi / bar K: psi / kPa	W:Without Valve B: Ball Valve D: Diaphragm Valve	11: 1/8" GENLOK 12: 1/4" GENLOK 13: 3/8" GENLOK 22: 6 mm GENLOK 31: 1/8" NPT 32: 1/4" NPT 61: 1/4" FSR	W: Without Valve B: Ball Valve N: Needle Valve D: Diaphragm Valve	11: 1/8" GENLOK 12: 1/4" GENLOK 13: 3/8" GENLOK 22: 6 mm GENLOK 31: 1/8" NPT 32: 1/4" NPT 61: 1/4" FSR	Blank: None AIR: Air HE: Helium O2: Oxygen H2: Hydrogen CH4: Methane CO2: Carbon Dioxide Ar: Argon N2: Nitrogen