

# P4500 SERIES

Terminal Gas Control Panels

Specialty Gas Equipment

GENTEC® P4500 Series Terminal Gas Control Panel is designed for accurate control of industrial gases in medium flow applications. Regulator, pressure gauge, and ball valve have been forged as one body to minimize the possibility of leaks. This series of control panel comes in one or multiple terminals to meet a wide range of requirements and applications. Please see ordering information for more options.



P4511B-HK-B83W83

P4521B-HK-B83W83

P4531B-HK-B83W83

## Product Features

- Designed for terminal gas control
- Easy-to-read 1.5" chrome-plated brass gauges
- Uses BLK 102 Regulator
- Single body minimizes point of leaks and contamination
- Adjustable outlet pressure
- Single panel configuration for easy installation

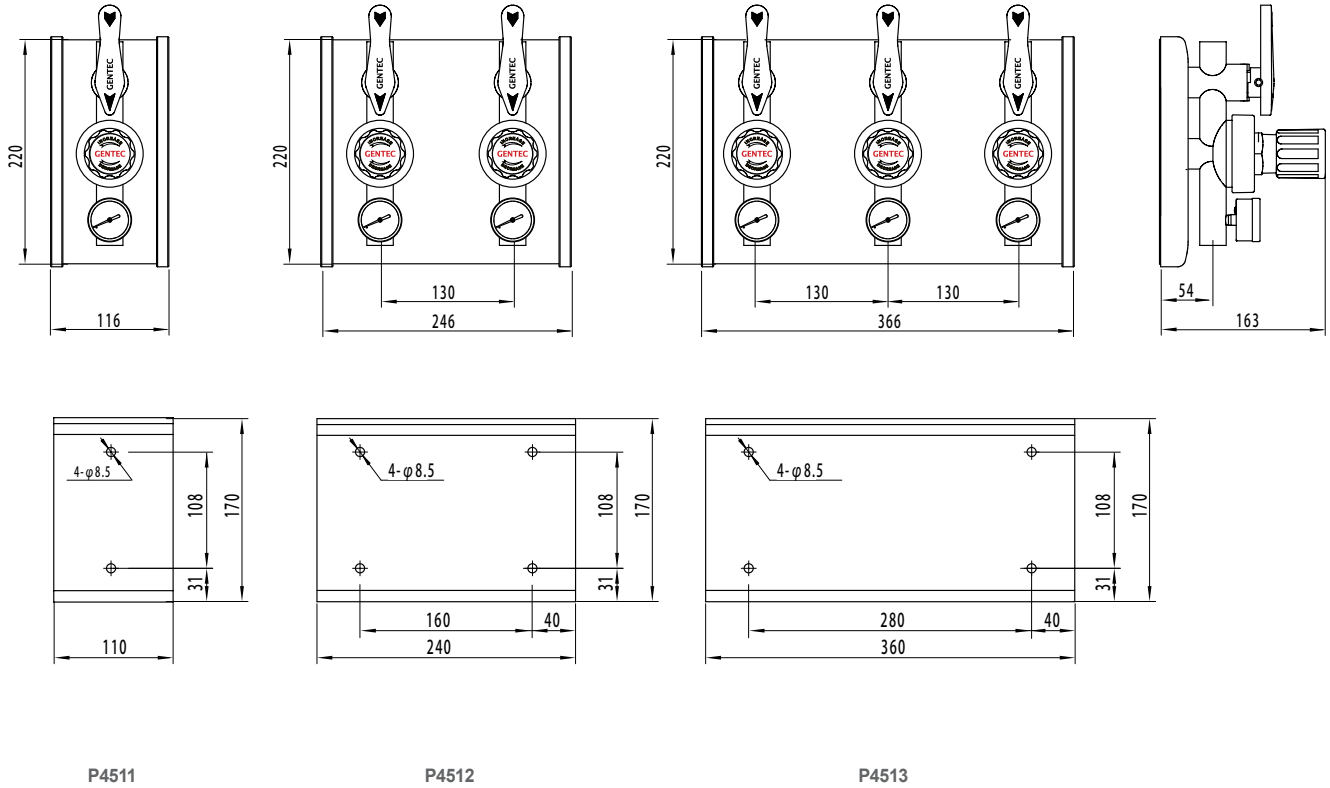
## Specifications

- **Maximum inlet pressure:** 500 psi
- **Maximum outlet pressure:** 25, 50, 100, 150 psi
- **Operating temperature range:** -40 to 165 °F (-40 to 74 °C)
- **Leak rate:**  $2 \times 10^{-8}$  atm.cc/sec He
- **CV:** 1.1

## Materials of Construction

- **Regulator and valve body:** Chrome-plated brass
- **Regulator seat:** PCTFE
- **Inlet and outlet connection:** 3/8" NPT(F), 1/2" SAE (F)
- **Pressure gauge:** Chrome-plated brass

**Dimensions**



**Ordering Information**

EX: P45	1	1	B -	H	P -	B	31	W	31 -	AIR
Series	Inlet / Outlet Connection	No. of Terminals	Material	Outlet Pressure	Gauge	Inlet Valve	Inlet Connection	Outlet Valve	Outlet Connection	Gas Options
• P45	1: One inlet / one outlet	1: One 2: Two 3: Three	B: Chrome-plated brass	L: 25 psi K: 50 psi I: 100 psi H: 150 psi	P: psi / bar K: psi / kPa	B: Ball Valve	33: 3/8" NPT(F) 63: 1/2" SAE(F)	W: Without Valve	33: 1/8" NPT 63: 1/4" FSR	Blank: None AIR: Air HE: Helium O2: Oxygen H2: Hydrogen CH4: Methane CO2: Carbon Dioxide Ar: Argon N2: Nitrogen