

P4400 SERIES

Point-Of-Use Gas Control Panel

Specialty Gas Equipment



» P4412B-HK-B81W81

Note: Pigtails ordered separately. Please see page 121.

Materials

- | | |
|------------------|----------------------|
| • Body | Chrome-plated brass |
| • Bonnet | 316L |
| • Seat | PCTFE |
| • Diaphragm | 316L Stainless Steel |
| • Adjusting Knob | ABS Plastic |

GENTEC® P4400 Series Point-Of-Use Gas Control Panel is designed for accurate control of gases in low flow applications. Regulator, pressure gauge, and ball valve have been forged as one piece to minimize the possibility of leaks. This series of control panels comes in one or multiple terminals to meet a wide range of requirements and applications. Please see ordering information for more options.

Product Features

- Designed for downstream control
- Easy-to-read 2" stainless steel pressure gauges
- Single body minimizes point of leaks and contamination
- Adjustable outlet pressure
- Single panel configuration for easy installation

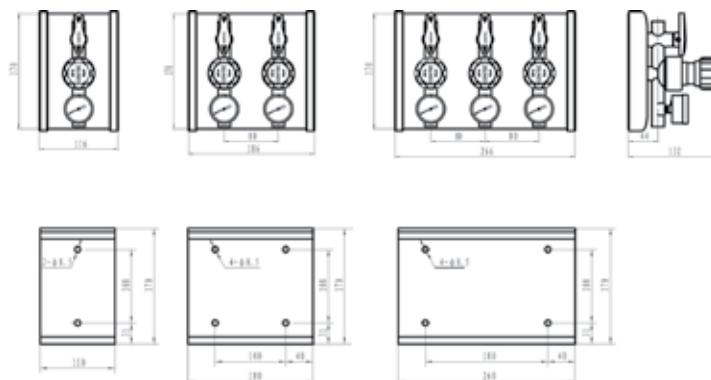
Applications

- Research Laboratories
- Test Laboratories
- Gas Chromatography

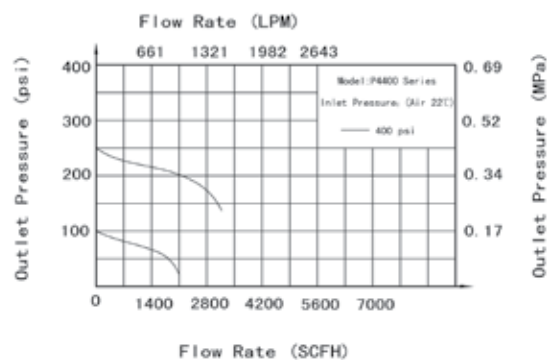
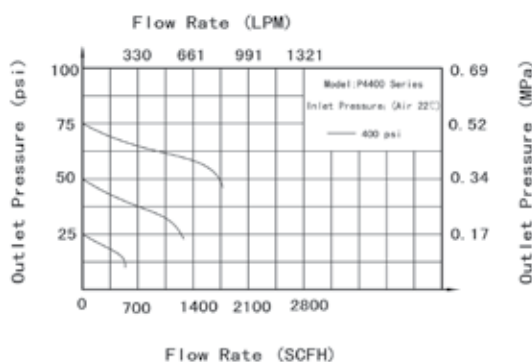
Specifications

- Maximum outlet pressure: 50/100/150 psig
- Temperature range: -40°F~165°F (-40°C~ 74°C)
- Leakage across seat : 2×10^{-8} sccs He
- Cv: 0.14

Dimensions



Flow Data



Ordering Information

EX: P44	1	2	B -	H	K	C -	B	81	W	81
Series	Inlet / Outlet Connection	No. of Terminals	Material	Max. Pressure	Gauge	Optional	Inlet Valves	Inlet Connection Type	Outlet Valves	Outlet Connection Type
• P44	1: One inlet / one outlet	1: One 2: Two 3: Three	B: Chrome-plated brass	K: 50 psig I: 100 psig H: 150 psig	K: psig / kPa	Blank: Standard C: Pressure transducer gauge	B: Ball W: None	31: 1/8" NPT(F) 32: 1/4" NPT(F) More connections available upon request	W: None	31: 1/8" NPT(F) 32: 1/4" NPT(F) More connections available upon request