



PCP Series Pressure Control Panel

SPECIFICATION

Key Features

High Purity Pressure Reducing Regulator and Outlet Diaphragm Valves

- Minimizes diffusion of air into gas stream thus maintaining gas purity

Chrome-Plated Brass Fittings and Lexan Sticker

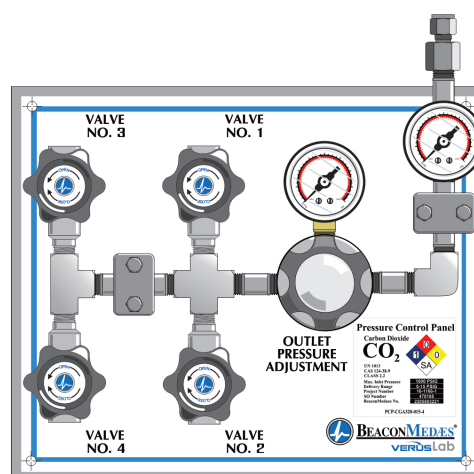
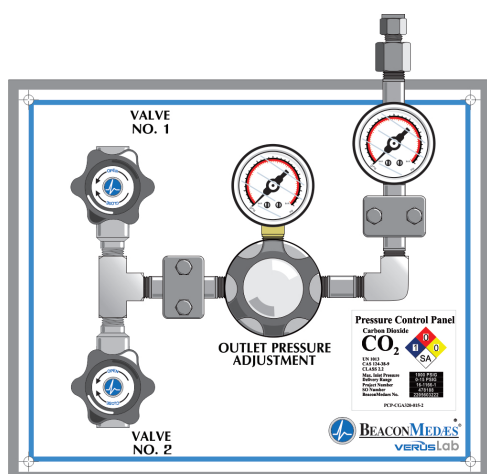
- Ease of cleaning and aesthetically pleasing modern look

Wall Mountable Panel and Compact Design

- Provides a stable and convenient mounting surface for pressure reducing regulator and multiple delivery valves

2 or 4 Valved Outlet Connections

- Perfect to use with dual or quad stacked incubators, allowing for on/off control for gas supply to each incubator.



Ordering Information

PCP

A

B

C

Part Number Matrix - PCP

A	
GAS	INSCRIBE
Air- compressed	CGA 346
Argon	CGA 580
Argon mix	CGA 580
Carbon dioxide	CGA 320
Helium	CGA 580
Hydrogen	CGA 350
Argon/methane	CGA 350
Nitrogen	CGA 580
Air - industrial	CGA 590
Nitrous oxide	CGA 326
Oxygen	CGA 540
Other gas: provide CGA number	

B	
DELIVERY PRESSURE	INSCRIBE
1-15 psi (0-30 psi gauge)	15
5-50 psi (0-100 psi gauge)	50
30-125 psi (0-200 psi gauge)	125

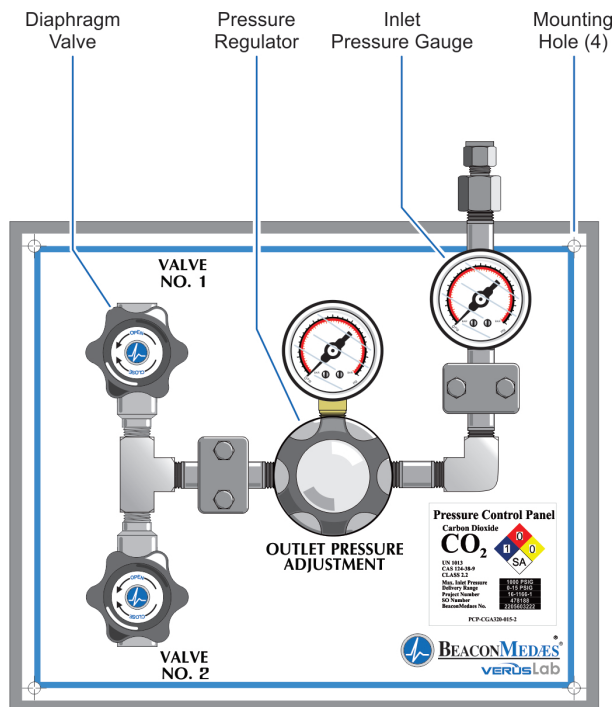
C	
VALVE CONFIGURATION	INSCRIBE
2-Valve Panel	2
4-Valve Panel	4

Specifications	
Maximum Inlet Pressure	Up to 1000 psig*
Flow Coefficient	Cv = 0.17
Operating Temperature	-40° F to 140° F [-40°C to 60°C]
Gauge Diameter	2" [51 mm] dial
Inlet Gauge Range	Normally 200 psi
Delivery Pressure and Related Gauges	See Part Number Matrix

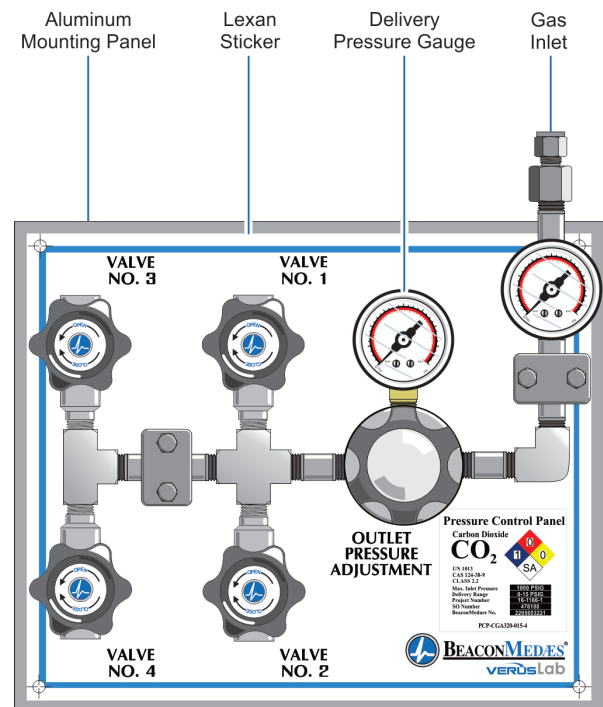
*Subject to inlet pressure gauge range

Materials	
Regulator	
Body	Chrome-plated Forged Brass
Bonnet	Chrome-plated Die Cast
Diaphragm	302 Stainless Steel
Nozzle	Brass
Seat and Seals	PTFE Teflon
Filter	Nickel-plated sintered bronze - 10 micron
Seat return spring	PH 17-7 Stainless Steel
Adjusting Knob	ABS Plastic
Diaphragm Valve	
Body	Brass
Diaphragm	316 Stainless Steel
Seat	PCTFE
Knob	Black Phenolic
Mounting Panel	
Panel	Anodized Aluminum
Sticker	Lexan over Vinyl

Standard Configurations



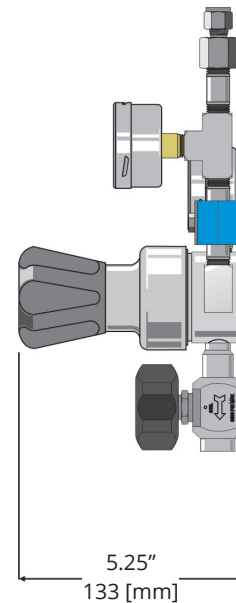
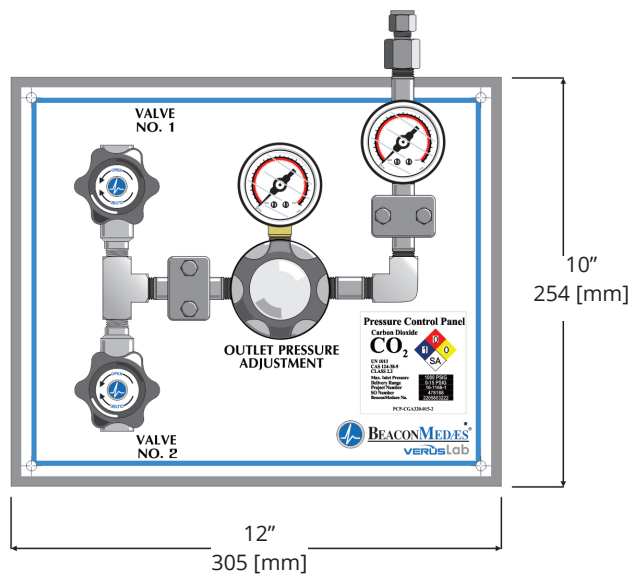
PCP Series 2-Outlet



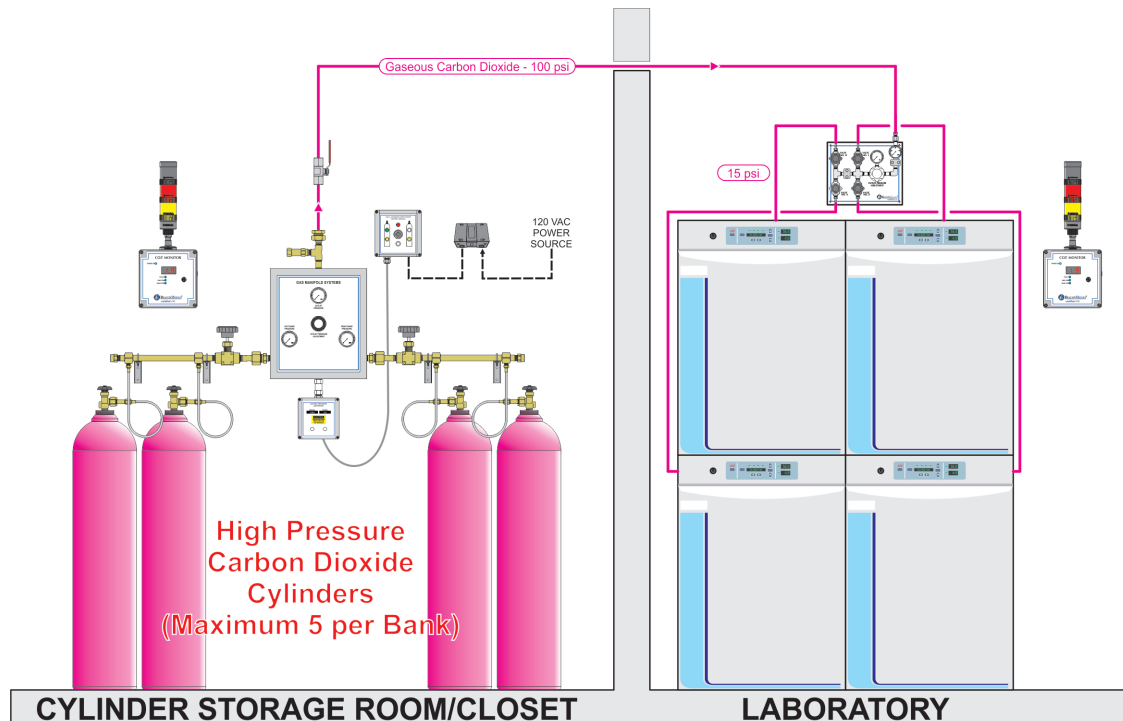
PCP Series 4-Outlet

Dimensions

Approximate dimensions



PCP Series (4-Outlet) - Typical Use



Shown is an example of a 4-Outlet PCP Series in Use. Also shown (sold separately) is an AFAM1500HB manifold, two (2) Fixed Gas Monitors with Stackable Flashing Beacon (FGM, SFBH) and incubators (provided by others).