DP3001 Series

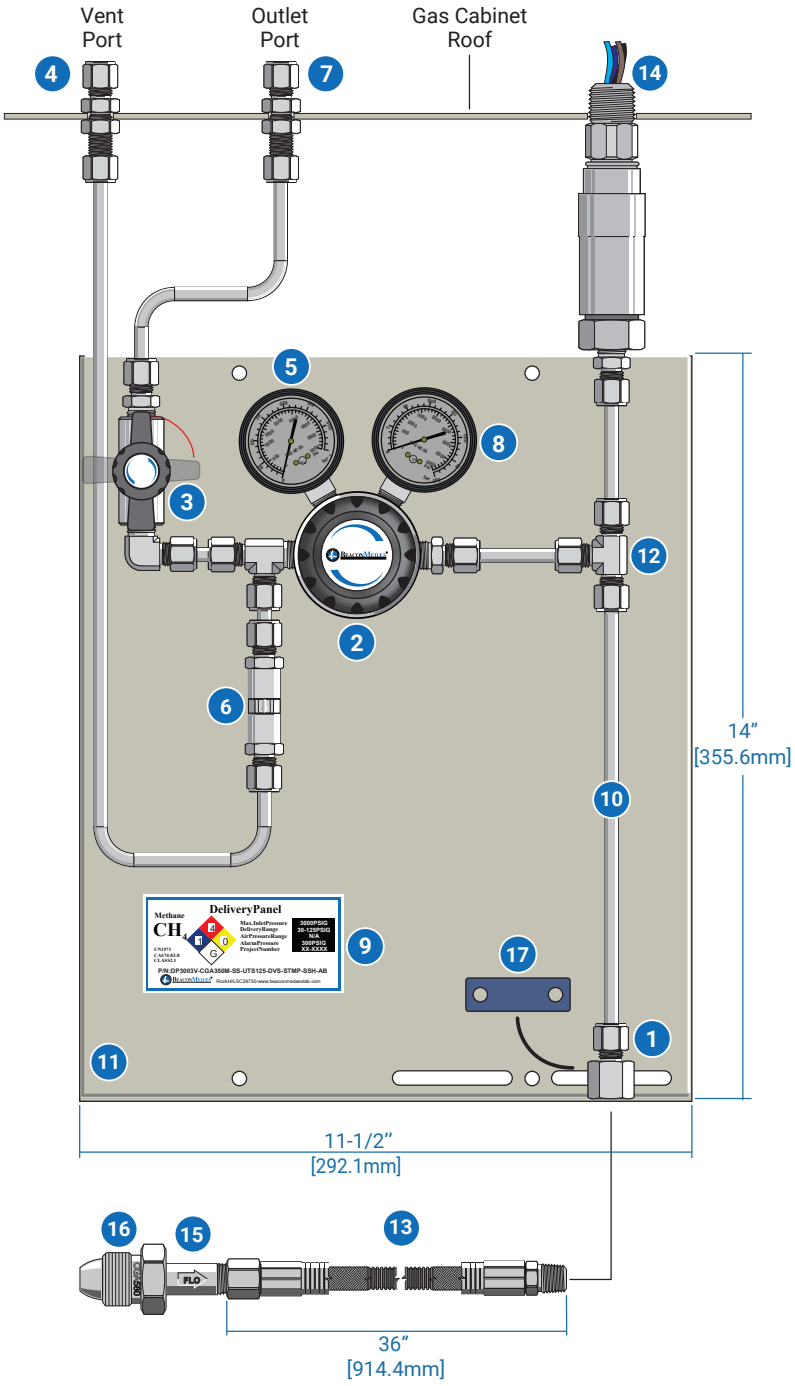
PURITY LEVEL 5.5 Up to 99.9995%
Chrome-Plated Brass Regulator

PURITY LEVEL 6 Up to 99.9999%
Stainless Steel Regulator

Delivery Panel - 1-Valve Design

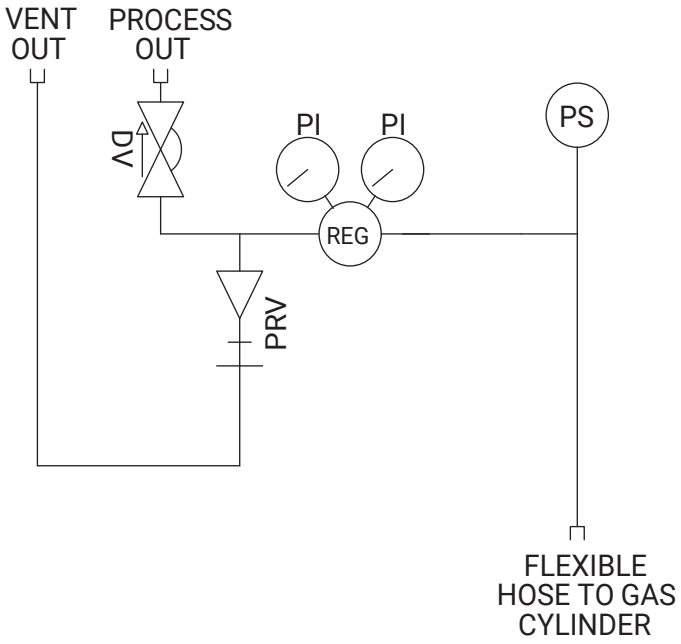
SPECIFICATION

The BeaconMedaes DP3001 Series Delivery Panel is designed for simple applications, such as supplying Nitrogen for purging other Delivery Panels. Despite its simplicity, this single-valve panel provides a high level of purity and can be used for corrosive, flammable or toxic gases. The DP3001 is designed to be installed inside of any BeaconMedaes Gas Cabinet when a high level of safety is required. In inert gas service, it is possible to mount the DP3001 Delivery Panel on the exterior walls of gas cabinets.



1. *Flexible hose inlet*
2. *Delivery pressure regulator*
3. *Outlet (line) diaphragm valve*
4. *Vent port (1/4" compression)*
5. *Delivery pressure gauge*
6. *Pipeline pressure relief valve*
7. *Outlet port (1/4" compression)*
8. *Inlet pressure gauge*
9. *Nametag*
10. *1/4" O.D. stainless steel tube (typical)*
11. *Mounting panel*
12. *Compression fittings (typical)*
13. *All st. stl. flexible hose*
14. *Pressure switch (optional)*
15. *CGA nipple with check valve*
16. *CGA nut*
17. *Tube holder*

Flow Diagram



SYMBOLS	DESCRIPTION
DV	1/4-TURN, FLOW INDICATING, HIGH PURITY MANUAL DIAPHRAGM VALVE
PRV	PRESSURE RELIEF VALVE
PI	PRESSURE INDICATOR
REG	PRESSURE REDUCING REGULATOR
PS	PRESSURE SWITCH (Optional)

Part Number

DP3001 - ____ - ____ - ____ - ____ - ____ - ____ - ____ - ____ - ____

A B C D E F G H

BeaconMedaes DP3001 Series Model Number Chart			
Variable	**Definition**	**Allowable Value**	**Description**
A	**Gas**	510A	Acetylene
		705A	Ammonia
		320	Carbon Dioxide
		660C	Chlorine
		350D	Deuterium
		350H	Hydrogen
		510	Liquified Petroleum Gas
		350M	Methane
		350MIX	Mixture - Flammable
		580N	Nitrogen
		326	Nitrous Oxide
		540	Oxygen
		P10	P-10
		Please specify	Other
B	**Fittings + Tubing**	SS	Compression Fittings w/ St. Stl. Tubing
		VCR	VCR Fittings w/ Electropolished Tubing
C	**Pressure Reducing Regulator (Type + Material)**	USC	Single-Stage Chrome-Plated Brass
		UTC	Two-Stage Chrome-Plated Brass
		USS	Single Stage, Stainless Steel
		UTS	Two-Stage Stainless Steel
D	**Pressure Reducing Regulator (Delivery Pressure Range)**	15	1-15 psig
		30	3-30 psig
		50	5-50 psig
		90	10-90 psig
		125	30-125 psig
		150	40-150 psig
		250	50-250 psig
		500	100-500 psig
E	**Diaphragm Valve**	DVC	Chrome-Plated Brass
		DVS	Stainless Steel
F	**Mounting Panel**	STMP	Epoxy Painted Steel
		SSMP	Stainless Steel
G	**Cylinder Lead**	SSHAG	Stainless Steel Hose with Armor Guard
		SSP	Stainless Steel Rigid Pigtail
H	**Option**	AB	Alarm Box
		EFS	Excess Flow Switch
		EFV	Excess Flow Valve
		DFA	Dry Flashback Arrestor
		AADV	Failsafe (Normally Closed) Pressure Actuated Diaphragm Valve

BeaconMedaes®
1059 Paragon Way
Rock Hill, SC 29730
Phone: (803) 817-5600
www.beaconmedaes.com