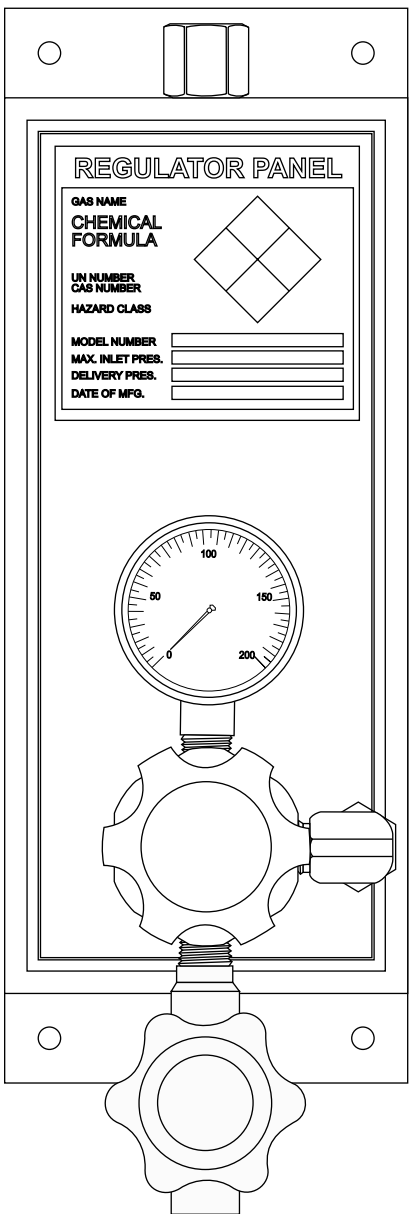


RP600 Series Point-of-Use Compact Regulator Panels for High Purity Gases



Key Features

Wall Installation

Frees-Up Valuable Bench Top Space

Label (Information Center)

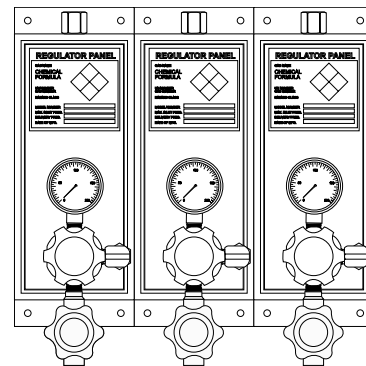
Provides Important Safety Information and Equipment Performance Settings

Multiple Panel Configuration

Choose from a wide variety of outlet valves, locations and connections

Top or Bottom Entry

Connects to piping from either the bench or from the ceiling



**COMBINE AS MANY PANELS
AS YOU WANT**

Point-of-Use Compact Regulator Panel for High Purity Gases

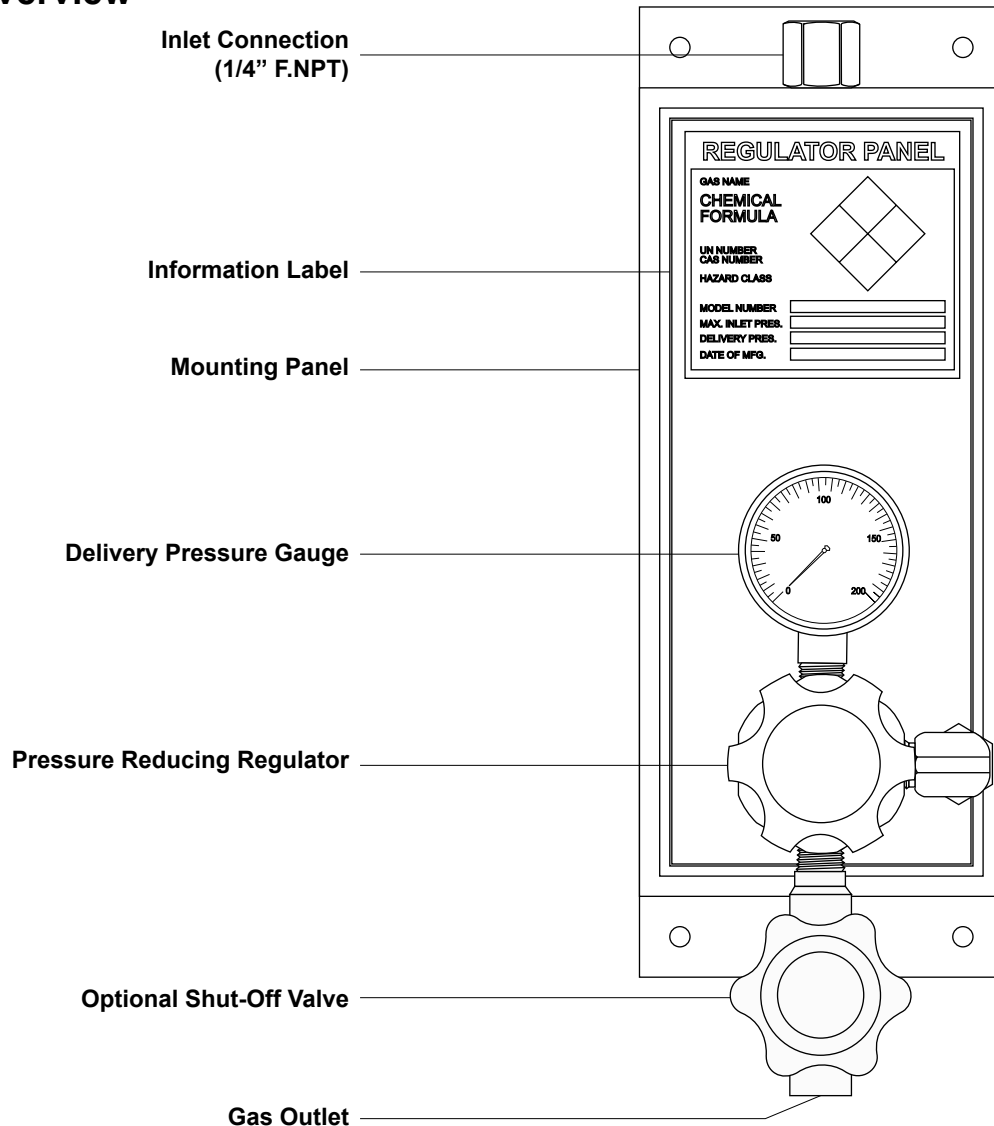
Description

The RP600 Series Compact Regulator Panels are designed to provide a practical and economical means to control gas pressure at the point-of-use. The panels are mounted with ultra high purity brass barstock regulators, high quality compression fittings and heavy wall high purity copper tubing.

The panels are configured to meet the user's installation and operating requirements. Each panel contains one regulator. Several can be installed side by side on a strut for a multiple (as many as you want) configuration setup. The gas inlet can be located at the bottom or at the top of the mounting panel. Panels are labeled for each gas with the appropriate safety information. The label also contains important information about your equipment's performance.

The regulators are available in several delivery pressure ranges. The outlet of the regulator can be customized with choice of valve type and end connections.

Equipment Overview



Point-of-Use Compact Regulator Panel for High Purity Gases

Materials

Mounting Panel	Material: Steel - Paint: Powder Coated - Color: Light Gray
Tubing	Copper ASTM B280 and ASTM B75
Fittings	Brass ASTM B16 and ASTM B124
Pressure Regulator	Body: Brass Barstock - Bonnet: Brass Barstock - Seat: PCTFE - Diaphragm: Stainless Steel
Diaphragm Valve	Body: Brass Barstock - Bonnet: Brass Barstock - Seat: PCTFE - Diaphragm: Stainless Steel
Ball Valve	Body: Brass Barstock - End Caps: Brass Barstock - Soft Materials: PTFE - Ball: Stainless Steel
Needle Valve	Body: Brass - Bonnet: Brass Barstock - Packing: PTFE - Stem: Stainless Steel - Tip: Kel-F

Specifications

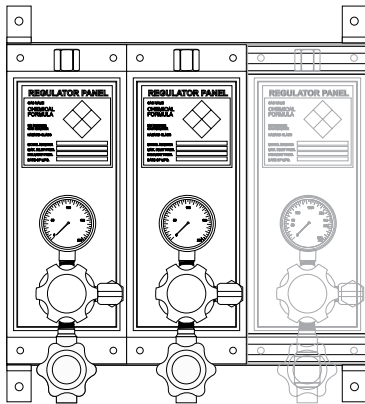
Gas	Refer to Part Number Matrix
Maximum Inlet Pressure	600 PSIG
Inlet Connection	1/4" F.NPT
Outlet Connection	Refer to Part Number Matrix

Important Information on Options

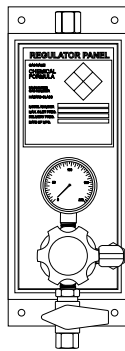
ULTRA HIGH PURITY APPLICATIONS (OPTION UHP)

RP600 Series Regulator Panels are cleaned for oxygen service as a standard feature. For Ultra High Purity Applications, all regulator panels components are acid cleaned, rinsed with de-ionized water and purged with UHP nitrogen. For UHP applications, BeaconMedæ strongly recommends the use of all stainless steel rigid pigtails.

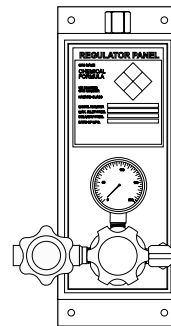
Sample Configurations & Options



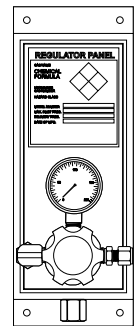
Multiple Panels Mounted on a Wall Frame



Ball Valve Outlet at 6 O'Clock (Top Entry)

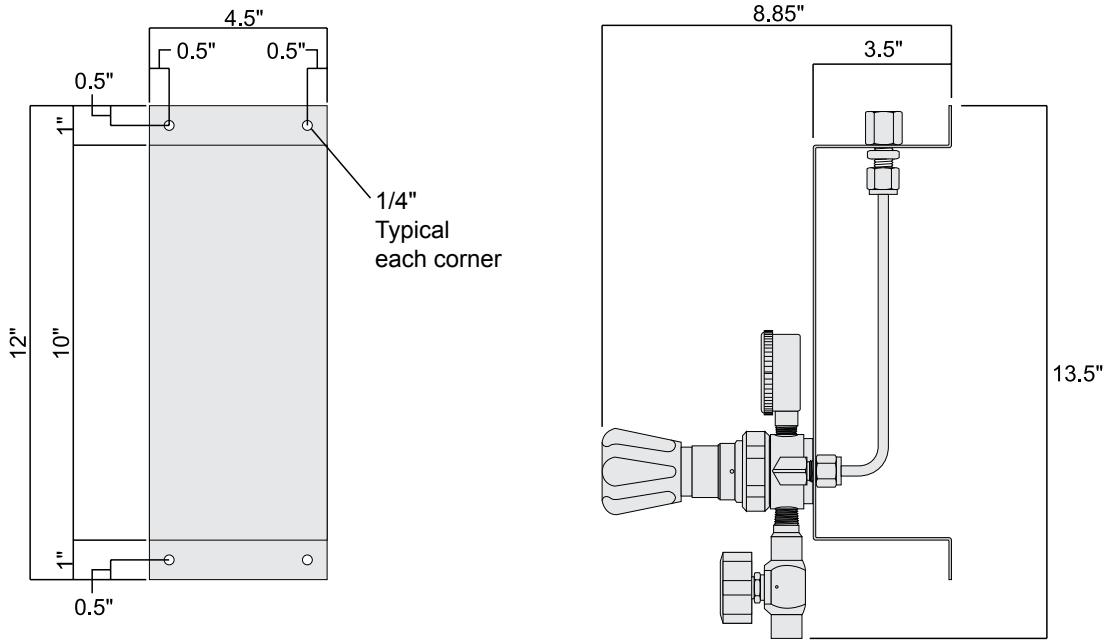


Diaphragm Valve Outlet at 9 O'Clock (Top Entry)

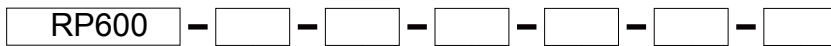


1/4" Compression Outlet at 3 O'Clock (Bottom Entry)

Point-of-Use Compact Regulator Panel for High Purity Gases



Ordering Information



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 no.	

Entry (Inlet)	Inscribe
Top	TP
Bottom	BM

Outlet Valve	Inscribe
No Valve	Leave Blank
Diaphragm Valve	DV
Needle Valve	NV
Ball Valve	BV

Outlet Location	Inscribe
3 O'Clock	3
6 O'Clock	6
9 O'Clock	9

Outlet Connection	Inscribe
1/4" F.NPT	4F
1/4" Compression	4C
1/8" Compression	2C

Delivery Pressure	Inscribe
0-15 psi (0-30 psi gauge)	15
0-50 psi (0-100 psi gauge)	50
0-125 psi (0-200 psi gauge)	125
0-250 psi (0-400 psi gauge)	250
0-500 psi (0-1000 psi gauge)	500

