Plasma Point of Use Panel

Plasma Gas Panel | Point of Use Panel

Description: This plasma point of use panel is design to work in conjunction with six gases those are required for a plasma cutting machine. Each gas source has its own regulator to provide proper delivery pressure to the application. These high pressure Airgas AS241 regulators can handle up 3000 psig inlet pressure and each regulator comes with its own outlet quarter turn diaphragm valve for shut off. All six regulators are mounted on one panel for easy mounting.

Design Features

- **Filtered Seat (10 micron)**: for added gas stream purity and extended service life.
- **Stainless Steel Diaphragms:** eliminate outgassing associated with elastomeric diaphragms.
- **Bar Stock Body:** provides low internal volume.
- **Encapsulated Filtered Seat Assy:** protect valve seat, extend service life.
- **Chrome Nickel-Plated Brass Body:** provides long-lasting good looks; will not tarnish.
- **Mounting of individual regulators:** Prevents confusion between gases at point of use

Specifications	
Maximum Rated Inlet Pressure	3,000 psig
Outlet Pressure Ranges	250 psig
Flow Capacity	Cv=0.08
Ambient Operating Temperature	-40° F to +165° F
Designed Leak Rate	Bubble-Tight (helium)
Weight	14 lbs
Regulator Ports (4)	¼" FNPT
Decay Inlet Characteristic	1.8 psi/100 psi

Materials	
Body	Chrome Nickel-Plated Brass
Bonnet	Chrome Nickel-Plated Brass
Seat	PTFE
Diaphragm	316 Stainless Steel
Gauge	2½" Nickel-Plated Brass
Filter	Nickel-Plated Bronze
Valve Stem	316 Stainless Steel
Valve Spring	18-8 Stainless Steel
Trim	Nickel-Plated Brass
Plate	12- gauge steel powder coated paint

Ordering Information

Product Number	Material	Max Inlet Pressure (psig)	Max Outlet Pressure (psig)	Capacity (scfh @ Max Del Pressure)	Delivery Gauge Range (psig)
Y75-C1AS241F	Brass	3000	250	890	0-400

Airgas Quality Policy

The purpose of the Airgas Quality System is to continually improve our manufacturing and related processes to provide our customers with the highest product purity, consistency, and service.