Automatic Changeover Regulators

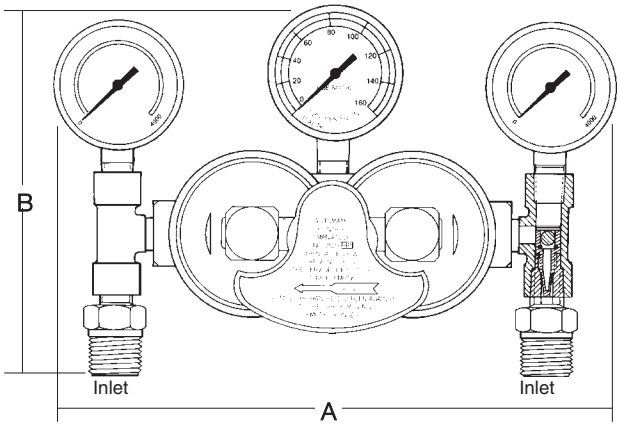
M2523HP Series

Application

The M2523HP series automatic changeover regulators are designed especially for use in systems where a reserve cylinder is used to provide a continuous, uninterrupted supply of gas. These regulators are suitable for use with carbon dioxide, hydrogen, oxygen, industrial air, nitrous oxide, nitrogen, helium and argon.

Features

- Automatically withdraws from reserve cylinder after exhausting the "service" cylinder.
- Cylinder pressure gauges let you know at a glance which cylinder is in use. There is no need to shutdown the system to replace empty cylinders.
- Nickel plated.
- Porous bronze filters are installed in each inlet to minimize the entry of foreign particles.
- Back pressure check valves are installed in each inlet to help assure positive shut-off in case of reverse flow.
- Each unit comes complete with mounting bracket and a special delivery pressure adjustment wrench.
- Factory set at 50 PSIG on service side. CO2 and N2O regulators are factory set at 100 PSIG on service side.



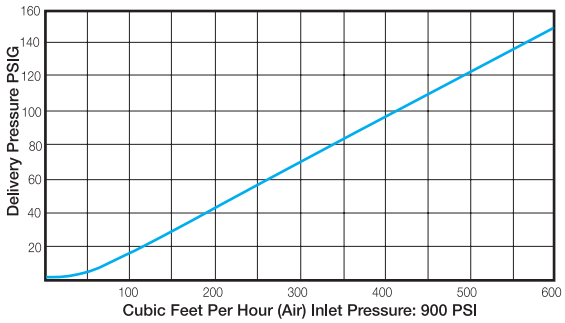
Materials

Body.....Brass
Bonnet.....Brass
Seat Disc (all gases except CO_2) .....Viton
(CO_2 only).....Butyl Rubber
Diaphragm (all gases except CO_2).....Neoprene
(CO_2 only).....Buna N
Handle .....Aluminum
Bonnet Spring.....Steel
Backcap Spring .....Stainless Steel

Conversion Table

Service	Multiply
Carbon Dioxide	.81
Nitrogen	1.02
Nitrous Oxide	.81
Argon	.85
Oxygen	.95
Helium	2.69
Hydrogen	3.79

Performance Chart



Ordering Information

Part Number	Gas Service	CGA Inlet Connection	Outlet Connection	Width A	Height B	Maximum Inlet Pressure (PSIG)	Delivery Pressure Range (PSIG)	Accessory Regulators*
M2523HP320	Carbon Dioxide	320	¼" F.NPT	7¾"	5⅛"	1800	30-130	BR-1784E, 1784E C-1682 M Series
M2523HP326	Nitrous Oxide	326						
M2523HP350	Hydrogen	350				3000		1784 Series 1682 M Series BR 1784 Series
M2523HP540	Oxygen	540						
M2523HP580	Nitrogen, Argon, Helium	580						

* Can be used downside of the M2523HP as a final line pressure regulator. See pages 22 through 25 and page 29.