

## Aluminum Pressure Regulators

### ALUMINUM PRESSURE REGULATORS 1682M SERIES & C-1682M SERIES

#### Application

The 1682M Series Regulators are designed primarily for second stage regulation of a variety of gases in industrial and hospital piping systems and manifolds. The C-1682M Series is specifically designed for use with Carbon Dioxide.

#### Features

- Maximum inlet pressure is 400 psig (28 barg)
- Two 1/4" F.NPT gauge ports are located 180° apart to allow for gauge mounting in convenient positions
- Each 1680M Series regulator is cleaned and packaged for oxygen per CGA G-4.1
- 100% Factory Tested
- T-handle adjusting screw
- Available in three delivery pressure ranges
- Temperature Range: -40° F to +165°F (-40°C to +74°C)



C-1682M

Part Number		Delivery Pressure Range (psig)	Pressure Gauge		Inlet & Outlet Connection (F.NPT)	
			Range psig (barg)	Part Number	Inches	mm
1682ML	C-1682ML	5-50 psig (0.3-3.4 barg)	*	*	1/4"	6
1682MLG	C-1682MLG		1-100 (6.89)	1286		
1682M	C-1682M	50-125 psig (3.4-8.6 barg)	*	*		
1682MG	C-1682MG		"1-200 (13.78)"	S1679		
1682MS	C-1682MS	100-250 psig (6.9-17.2 barg)	*	*		
1682MSG	C-1682MSG		"1-400 (27.57)"	15578		

\* Outlet Protection is recommended.

## Automatic Changeover

### AUTOMATIC CHANGEOVER REGULATORS M2523HP SERIES

#### Application

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 the reserve cylinder after exhausting the "service" cylinder
- Cylinder pressure gauges let you know at a glance the contents of each cylinder are in use. There is no need to shut down the system to replace empty cylinders.
- Nickel plated
- 100% Factory Tested
- Cleaned per CGA G-4.1 for oxygen service
- 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 (3.44 barg) on service side. CO<sub>2</sub> and N<sub>2</sub>O regulators are factory set at 100 psig (6.89 barg) on service side



M2523HP320

Part Number	Gas Service	CGA Inlet Connection	Outlet Connection		Maximum Inlet Pressure	Delivery Pressure Range	Accessory Regulators
			Inches	mm			
M2523HP320	Carbon Dioxide	320	1/4" F.NPT	6	1800 psig (124.2 barg)	30-130 psig (2.1-8.9 barg)	BR-1784E, 1784E, C-1682 M Series
M2523HP326	Nitrous Oxide	326					
M2523HP350	Hydrogen	350					
M2523HP540	Oxygen	540					
M2523HP580	Nitrogen, Argon, Helium	580					
M2523HP590	Industrial Air	590					



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