In - Line Regulator

The WMR Series regulators are designed for final line pressure regulation on gas distribution system. They are suitable for a variety of gases in medical or industrial applications. The WMR series regulators have a balanced seat, are constructed with oxygen compatible materials, brass body, and brass internal components. The WMR series are designed for application requiring large gas volume.

FEATURES

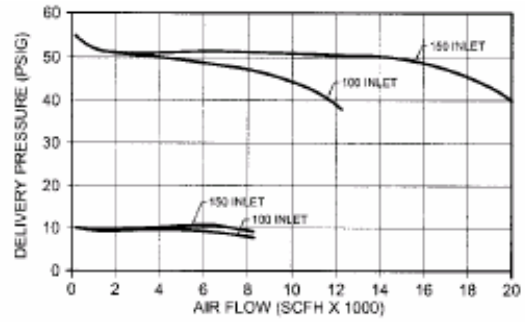
- Maintains a steady downstream pressure across a range of inlet pressure commonly provided by a cryogenic bulk tank.
- Large seat and diaphragm areas provide high capacity with sensitive control of delivery pressure with low falloff.
- Two 1/4" NPT female delivery pressure gauge ports are located (plugged) on each side of the valve.
- Two bonnet drain/vent holes to allow for different mounting orientation.
- Large easy to read 2" gauge.
- T-Handle Adjusting screw.
- Maximum inlet pressure is 400 psig.
- Available in three delivery pressure ranges.
- Temperature range: -40° F to 165° F.
- Cleaned per CGA G-4.1 for oxygen service.

MATERIALS

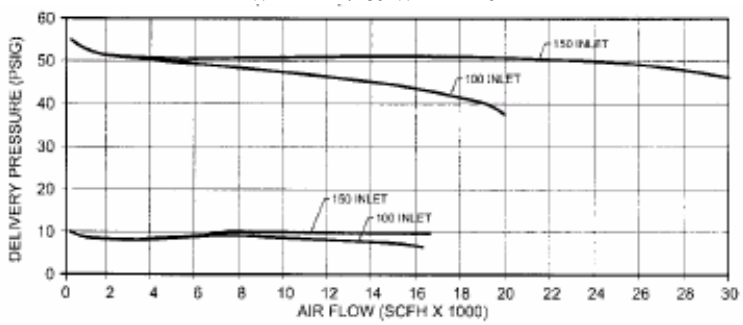
Body	Forged Brass
Bonnet	Nickel Plated Aluminum
Diaphragm	Nitrile with PTFE liner
Springs & fasteners	Stainless Steel
Other valve parts	Brass
Seat Disc & O-Rings	Viton

Part Number	Delivery Pressure Range	Pressure Gauge Range	Inlet & Outlet NPT female	Cv
WMR-2-2	5 - 55 psig	0 - 100 psig	1/2"	3.1
WMR-2-4	40 - 110 psig	0 - 200 psig	1/2"	3.1
WMR-2-5	100 - 200 psig	0 - 400 psig	1/2"	3.1
WMR-2-7 (Special Order)	5 - 55 psig	0 - 100 psig	3/4"	4.8
WMR-2-3	40 - 110 psig	0 - 200 psig	3/4"	4.8
WMR-2-6	100 - 200 psig	0 - 400 psig	3/4"	4.8
WMR-2-9 (Special Order)	5 - 55 psig	0 - 100 psig	1"	5.5
WMR-2-10 (Special Order)	40 - 100 psig	0 - 200 psig	1"	5.5
WMR-2-8	100 - 200 psig	0 - 400 psig	1"	5.5

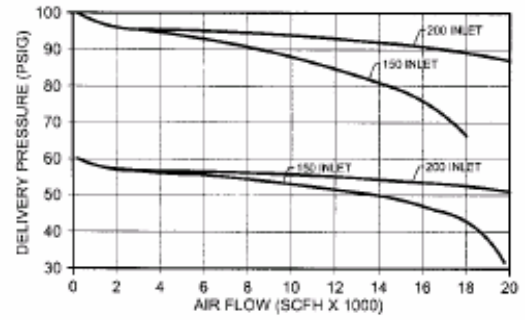
WMR-2-2



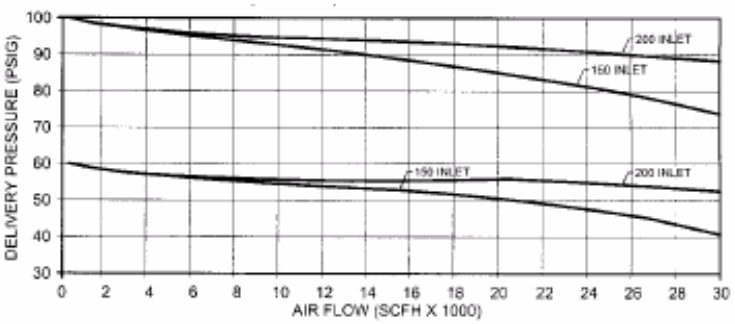
WMR-2-7 & WMR-2-9



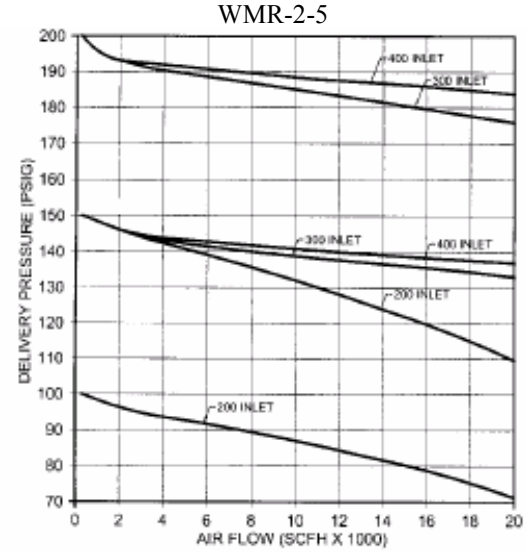
WMR-2-4



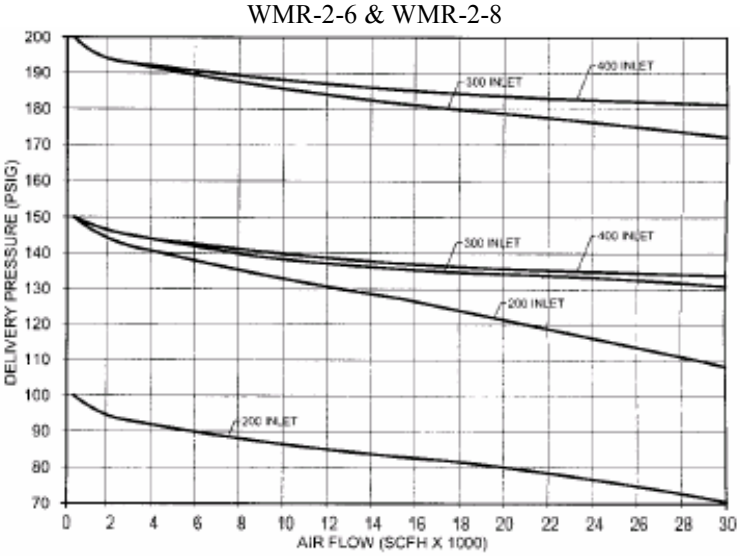
WMR-2-3 & WMR-2-10



WMR-2-5



WMR-2-6 & WMR-2-8



Gas Conversion Table

Service	Multiply Air Capacity By:
Acetylene (15 psi max.)	1.06
Argon	0.85
Carbon Dioxide	0.81
Fuel Gases	0.86
Helium	2.69
Hydrogen	3.79
Nitrogen	1.02
Nitrous Oxide	0.81
Oxygen	0.95