specifications

The Compact Manifold is a perfect solution for low flow compact manifold applications.

The manifold is specially designed to accommodate one cylinder for each bank. Extra cylinders can be added for each bank by connecting pigtails from the existing manifold to the header bars.

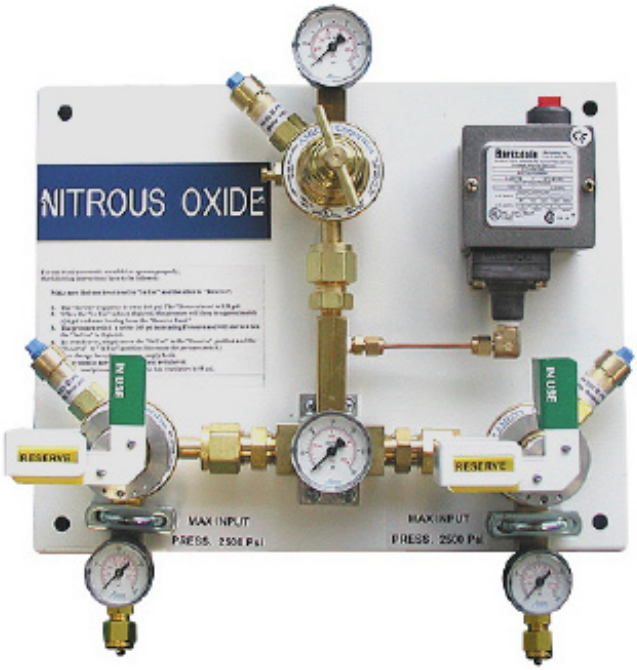
The Compact Manifold is a semi-automatic manifold and shall switch from "In use" bank to "Reserve" bank once the "In use" bank depletes. Manual operation shall be required at the time of changing cylinders to insure that the "Reserve" bank is changed to "In use". The bank that has new cylinder(s) shall be the "Reserve".

A pressure switch controls remote alarms which indicate "In Use" to "Reserve" supply switch-over and when cylinder replacement is necessary. The switch is set to open when the operating line pressure drops to a pressure slightly above the secondary outlet pressure, just before switch-over occurs.

All manifold regulators, piping and control switching equipment shall be cleaned for oxygen service.

flow capacity

Oxygen, Nitrous Oxide, Medical Air,
Carbon Dioxide:
1,800 SCFH (850 L/min)
Nitrogen:
2,400 SCFH (1,133 L/min)

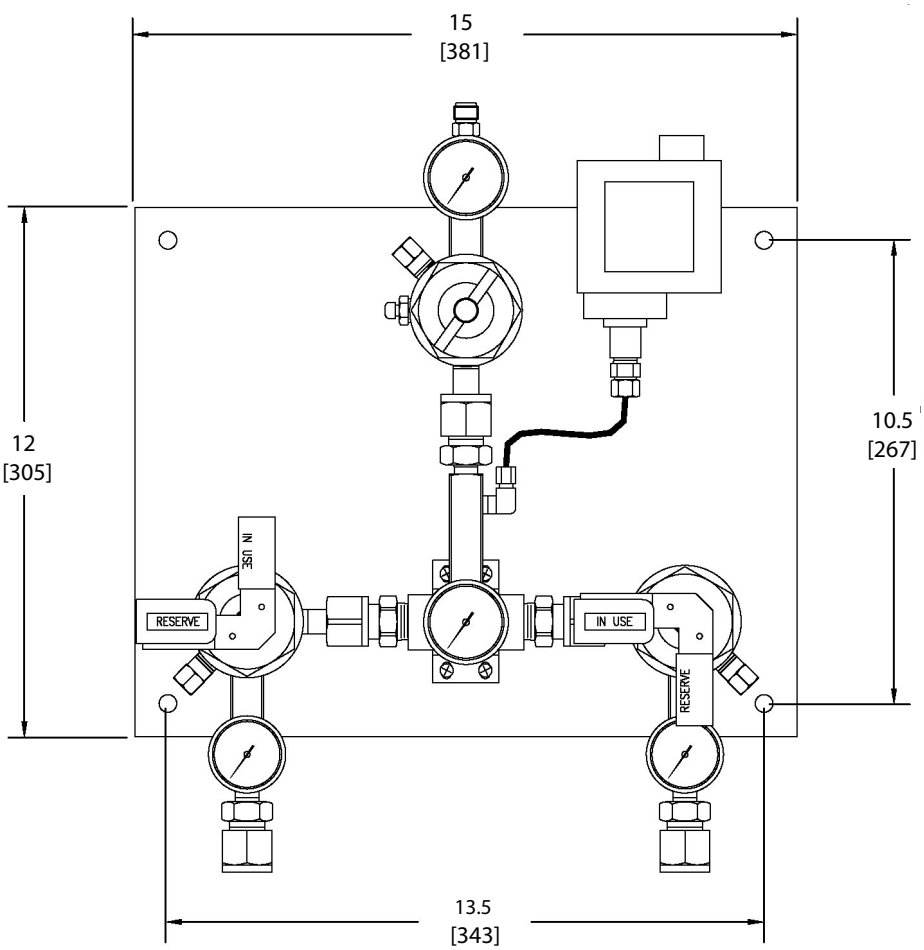


features

- Operating and line regulators provided with relief valve.
- Pressure switch with dry contacts to indicate reserve in use.
- Check valves provided to prevent back flow from one bank to another.
- CGA fittings installed for easy connection of pigtails to cylinders.
- Maximum inlet pressure is 3,000 psi (20,685 kPa)
- Maximum delivery pressure is 180 psi (1,242 kPa)

project

Inch
[mm]



model numbers

U = English
E = English

M2-AMB-IND-U-GAS

For proper model number
replace the GAS with the following:

OXY	=	Oxygen
N2O	=	Nitrous Oxide
AIR	=	Medical Air
NIT	=	Nitrogen
CO2	=	Carbon Dioxide

represented by:

Amico Corporation
85 Fulton Way, Richmond Hill, ON L4B 2N4, Canada
31 Sprague Avenue, Amityville, NY 11701, USA

Toll Free Tel: 1.877.462.6426 | Toll Free Fax:1.866.440.4986
Tel: 905.764.0800 | Fax: 905.764.0862
www.amico.com