

specifications

The C2 Manifold is a perfect solution for medium flow gas 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 C2 Manifold is a semi-automatic manifold and shall switch automatically from "Right Bank In Use" to "Left Bank In Use" once the Right Bank depletes. Manual operation shall be required at the time of changing cylinders to ensure that the "Left Bank In Use" is changed to "Right Bank In Use" by moving the lever. The bank that has new cylinder(s) shall be the Left Bank.

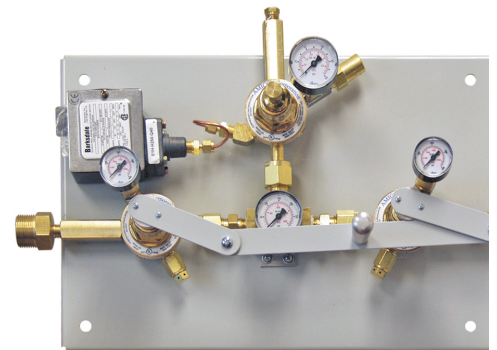
A pressure switch controls remote alarms which indicate "Right Bank In Use" to "Left Bank In Use" supply switch-over and that cylinder replacement is necessary. The switch is set to open when the operating line pressure drops to a pressure slightly above the secondary outlet pressure, just before switch-over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

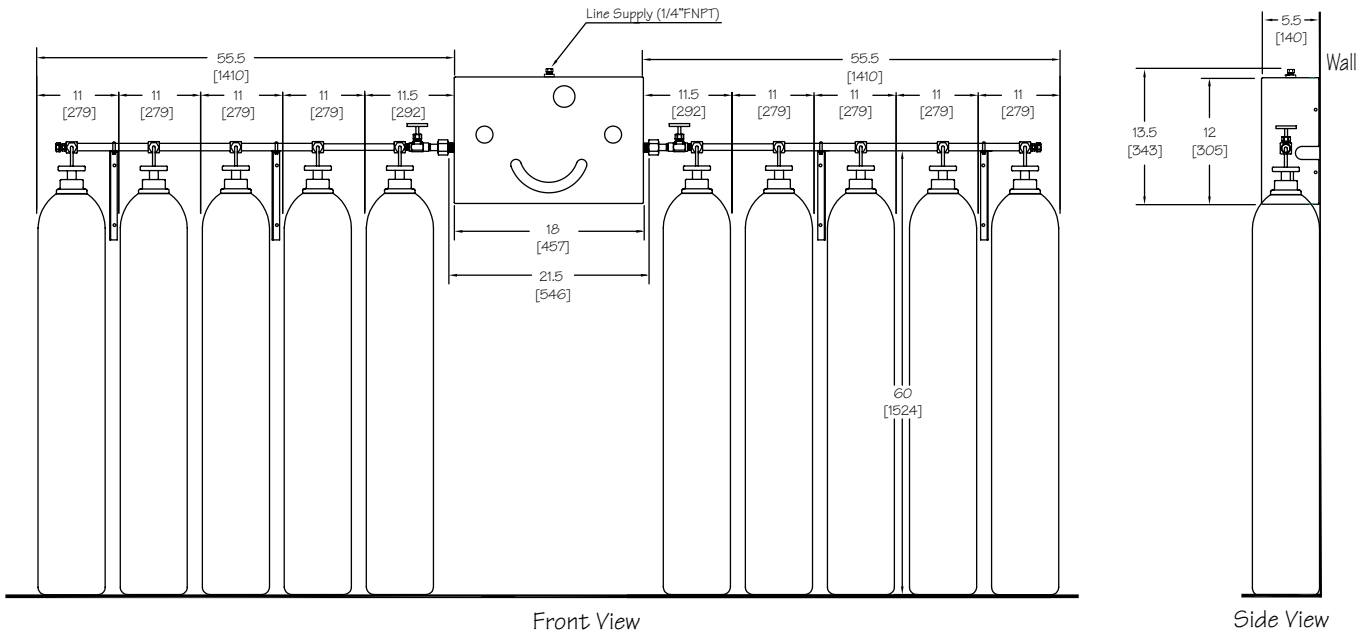
Nitrogen: 2,400 SCFH (1,133 L/min)



features

- Operating and line regulators provided with relief valve
- Pressure switch with dry contacts or a digital pressure sensor to indicate reserve in use
- Check valves provided to prevent back flow from one bank to another
- Maximum inlet pressure is 3,000psi (20,685kPa)
- Maximum delivery pressure is 180psi (1,242kPa)

project



model numbers

M2H-C2-S-L-GAS

L represents the Language:

U = English
 E = English
 S = Spanish

For proper model number replace the GAS with the following:

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

represented by: