

## specifications

The C3 Manifold is a perfect solution for high flow gas applications.

Cylinders can be added for each bank by connecting pigtails from the existing manifold to the header bars.

The C3 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 the 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: 4,500 SCFH (2,123 L/min)  
Nitrogen: 6,000 SCFH (2,831 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
- CGA fittings installed for easy connection of pigtails to cylinders (pigtails sold separately)
- Maximum inlet pressure is 3,000 psi (20,685 kPa)
- Maximum delivery pressure is 180 psi (1,242 kPa)

project

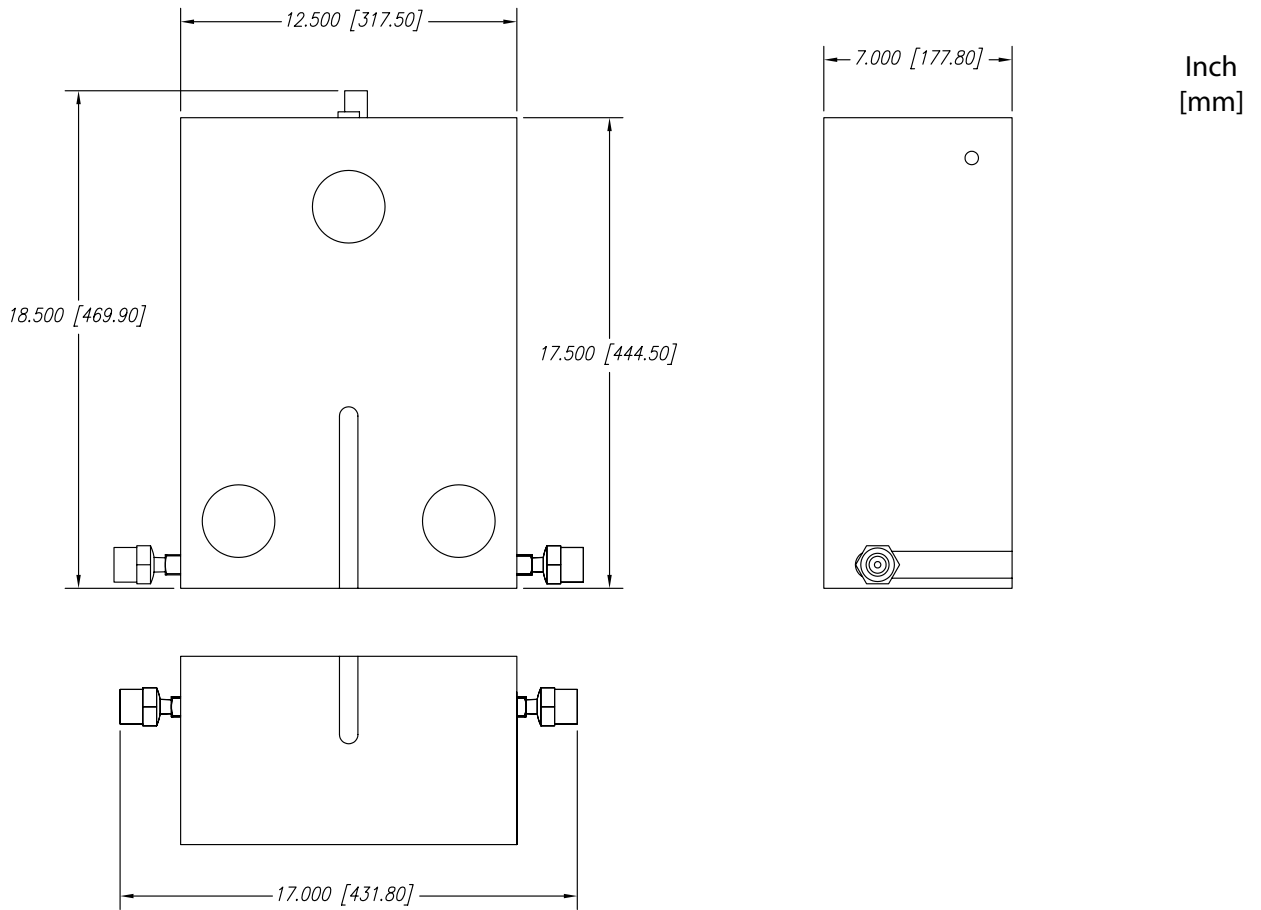
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## model numbers

X represents the Line Regulator:

- S = Single
- SN = Single (No Cabinet)
- D = Dual
- DN = Dual (No Cabinet)

**M2H-C3-X-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: