

# ACME HIGH PRESSURE GAS SYSTEMS WITHOUT RESERVE

High pressure cylinders should be used in facilities that have low or intermittent requirements for medical gas. These systems are not affected by the warming of liquid cylinder and therefore do not require economizer circuits and liquid cylinder maintenance.

The system shown is comprised of a 3, 5, 7 or 9 cylinder manifold on each side of the control section which automatically switches from the primary supply to the secondary supply when the pressure in the primary cylinders drops below a preset pressure.

A pressure switch is provided to send a signal to an alarm panel that indicates when the reserve cylinder bank is in use. Both cylinder banks feed the house line through a dual regulator manifold as described in the liquid cylinder system.

## Specifications

Flow Capacity ..... 0-4,000 SCFH

Inlet Pressure ..... 0-3,000 PSIG

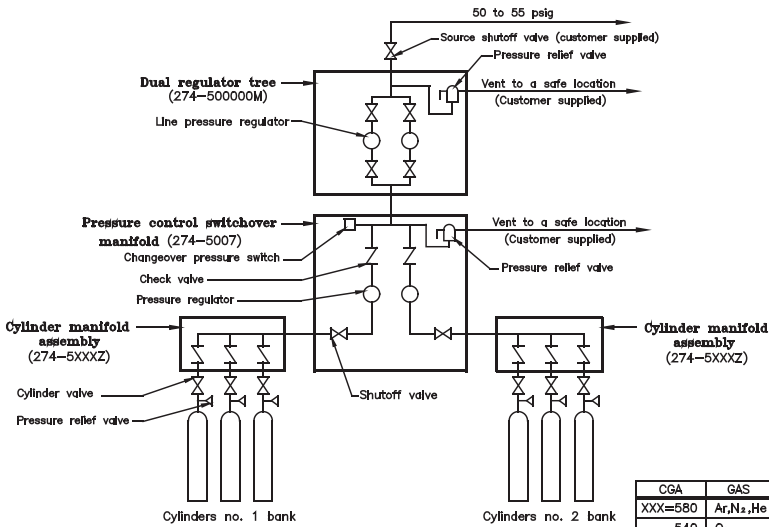
Outlet Pressure ..... 0-55 PSIG

### Connections

Inlet ..... CGA

Outlet ..... 1/4" FNPT

Material of Construction ..... Brass

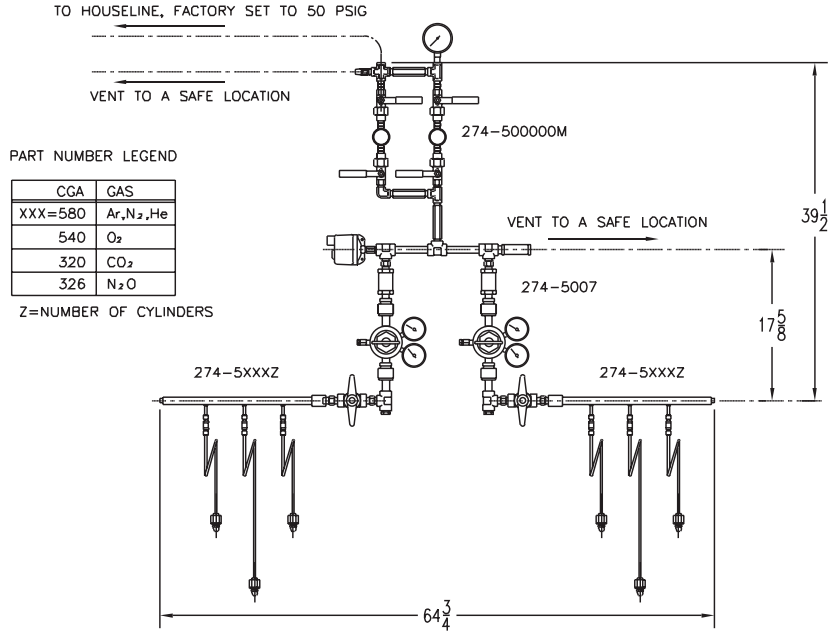


**Medical Gas Cylinder Supply System Without Reserve Supply**

NFPA99 5.1.3.4.9

CGA	GAS
XXX=580	Ar,N <sub>2</sub> ,He
540	O <sub>2</sub>
320	CO <sub>2</sub>
326	N <sub>2</sub> O

Z=NUMBER OF CYLINDERS



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## Ordering Information, Required Components

Item	Part Number
(1) Dual Houseline Regulator Tree (all gases)	274-500000M
(1) Pressure Control/Switchover Manifold (all gases)	274-5007
(2) Primary and Secondary Cylinder Header	274-5XXXXZ*

\*XXX = CGA Number  
Oxygen: 540  
Nitrogen, Argon, Helium: 580  
Carbon Dioxide: 320  
Nitrous Oxide: 326

\*Z = Number of cylinders per header (3, 5, 7, 9)  
Typically, primary and secondary headers have the same number of headers.

## Ordering Example

Primary and Secondary Cylinder Header  
27455807 = 7-Cylinder Header for Inert Service