

# HP Cylinder Charging Manifolds



Acme Cylinder Charging Manifolds are designed to provide simple, economical filling of 24 or 48 cylinders. The vacuum and vent controls are located directly on the manifold, eliminating the need for a separate panel. The manifold is provided with a threaded end for future expansion.

## Specifications

<b>Inlet Pressure</b>	.....0-3,000 PSIG
<b>Outlet Pressure</b>	.....0-3,000 PSIG
<b>Materials of Construction</b>	.....Red Brass
<b>Connections</b>	.....CGA (see ordering information)
<b>Number of Cylinders</b>	.....24 (standard)

## System Layout

- A minimum of two separate parallel manifolds should be provided to permit switching to occur without shutting down the pump when a manifold of cylinders is filled.
- Minimum spacing between adjacent manifolds should be 6 feet (8 feet preferred).

## Features

- Master shutoff valves and check valves to control vacuum and vent
- 8 1/2" 4,000 PSI master gauge for precision control
- Carbon steel painted floor mounting stands
- Pigtails and/or cylinder brackets available separately (see Accessories section)

## Ordering Information: Manifolds

<b><u>Gas Service</u></b>	<b><u>CGA</u></b> <b><u>(Header Valves)</u></b>	<b><u>Description</u></b>	<b><u>Part Number</u></b>
Oxygen	540	Vacuum and Vent Control, Pressure Gauge	274-1003
Argon, Helium and Nitrogen	580	Vacuum and Vent Control, Pressure Gauge	274-1802
Hydrogen and Carbon Monoxide	350	Vacuum and Vent Control, Pressure Gauge	274-2601
Hydrogen and Carbon Monoxide	350	Welded Stainless Steel Manifold with Brass Valves, Vacuum and Vent Control, 24 Valve Extension Only	274-SK8907C

# HP Cylinder Charging Manifolds

## Ordering Information: Extensions

<u>Gas Service</u>	<u>CGA</u> <u>(Header Valves)</u>	<u>Description</u>	<u>Part Number</u>
Oxygen	540	Extension Only	274-1004
Argon, Helium and Nitrogen	580	Extension Only	274-1803
Hydrogen and Carbon Monoxide	350	Extension Only	274-2602
Hydrogen and Carbon Monoxide	350	Welded Stainless Steel Manifold with Brass Valves, 24 Valve Extension Only	274-SK8908C

