



PRECISE EQUIPMENT

SPECIALTY GAS MANIFOLD HPA SERIES ELECTRONIC AUTOMATIC



The HPA series uses patented technology that gives you flexibility to use either low-pressure or high-pressure cylinders on each side or a combination of both. Automatic leak detection will notify you if there is a loss of pressure on the standby cylinder bank. The front panel controls includes 6-system status LED's

FEATURES

- **3000 psi Maximum Inlet**
- **Automatically Recognizes New Standby Cylinders when Empties are Replenished**
- **Standby Cylinder Bank Leak Warning**
- **Cylinder Flexibility**
Uses low or high pressure cylinders
- **Priority Gas Bank Switch**
Switch Primary Priority with a flip of a switch
- **Gas System Status**
Easily identify each Gas Bank Status with the 6-System Status LED's
- **Ability to Set Left and Right Bank Switchover points at Independent**

APPLICATIONS	MATERIALS	SYSTEM INCLUDES
<p>Continuous Flow Maintain a continuous flow to application that require non-interrupted gas flow.</p> <p>Lasers Continuous flow for Resonator Gas Mixture</p> <p>Laboratories Research or Pharmaceutical Cell Culture Growth</p> <p>Compound Analysis</p>	<p>Regulators Brass bar stock</p> <p>Diaphragms Stainless Steel</p> <p>Enclosure NEMA 4X with lockable latches</p> <p>Filter Nickel-Plated Sintered Bronze</p> <p>Solenoid Valve Brass bar stock with stainless steel internal core with Vitor® seal</p>	<p>Brass Headers Brazed & tested to Min. 4500 psig</p> <p>Flexible stainless steel lined pigtails Cylinder connections with check valve Choose from 4-standard lengths</p> <p>Pipeline outlet assembly Includes pipeline relief valve</p> <p>Diaphragm type valves</p> <p>Mounting brackets</p> <p>Cylinder holding bar and chain</p>

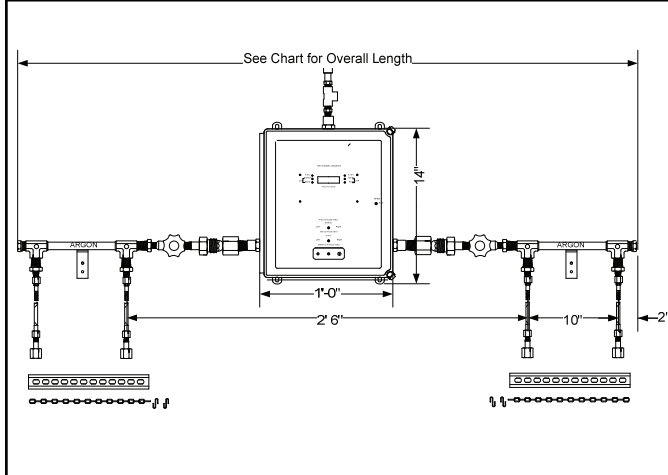


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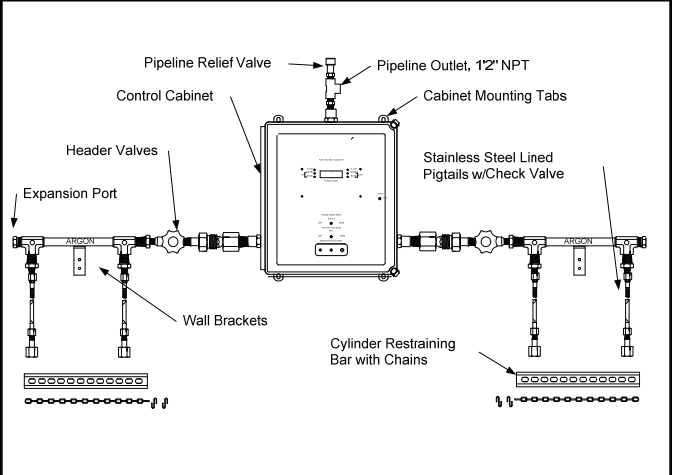
SPECIALTY GAS MANIFOLD

MOUNTING AND DIMENSIONAL INFORMATION FOR THE HPA SERIES AUTOMATIC

Manifold Dimensions



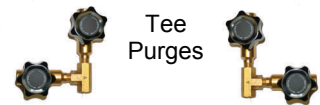
Manifold Components Include



Number of Cylinders and Overall Length

Header Type	2	4	6	8	10	12
Standard	1'-6"	4'-6"	6'-2"	7'-10"	9'-6"	11'-2"
Close Space	1'-6"	3'-8"	4'-6"	5'-4"	6'-2"	7'-0"
Cross Type				4'-6"		6'-2"
U-Shape	Per Your Specifications					

OPTIONAL ACCESSORIES



Remote Alarms in either Single or Dual bank models

Manifold General Pressure and Flow Specifications

Gas Services	HPA		HPA2	
	PSI	CFH (Air)	PSI	CFH (Air)
O2, Inert	200	600	400	2500
CO2 w/o Heater		50*		50*
CO2 w/ Heater		50 p/Cyl		50 p/Cyl
HY, ME w/o FBA		600		2500



Mighty Pipe Coil & Fittings



*Recommended heater for applications requiring flow rates of more than 50 cfh.