

HGM2

Western Innovator HGM2 Manifolds are designed and manufactured according to NFPA-99 2012 safety and performance requirements. Easy-to-read digital displays indicate the line and individual bank pressures.

A green light means the service bank is functioning and the reserve bank is ready for service. A red light alerts the user that one or both banks are depleted. A simple rotation of the control lever resets the unit.

specifications

- NFPA Compliant, Automatic Digital System
- CSA Approved Power Supply included
- Maximum inlet pressure: 3000 psig (2000 for CO₂ & N₂O systems)
- Maximum Flow:

HGM2	1200 scfh
HGM2 (CO ₂ & N ₂ O)	35 scfh
HGM2HL (CO ₂ & N ₂ O)	500 scfh
HGM2HP	1200 scfh
- Internal adjustable dual line regulators

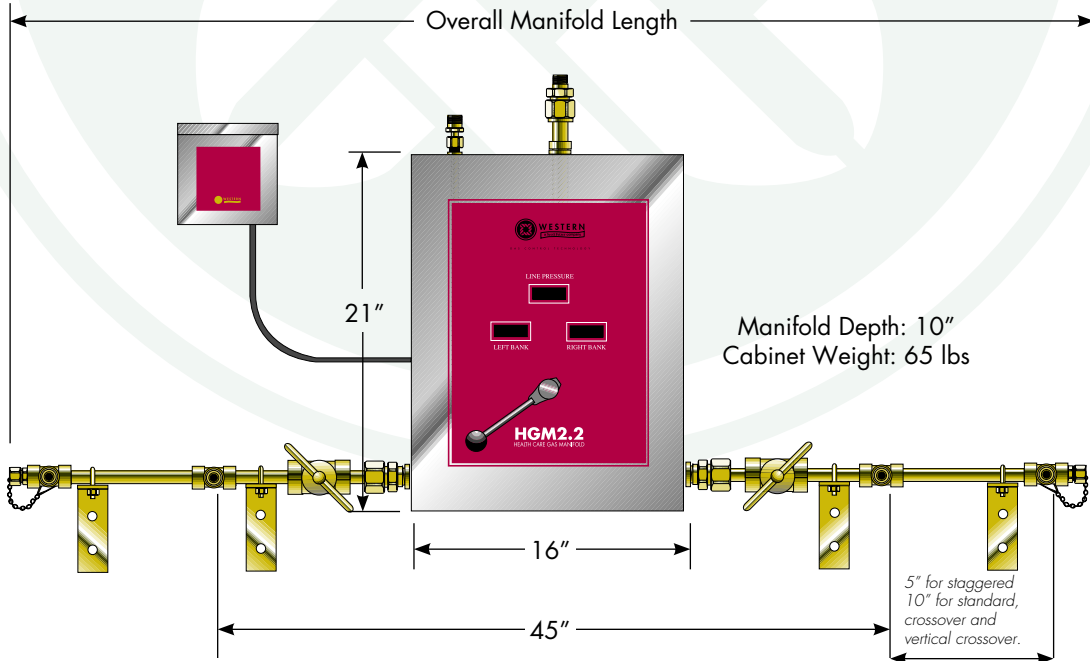
HGM2 & HGM2HL	30–55 psig
HGM2HP	50–200 psig
- Manifold outlet: 1/2" NPT male
- Relief valve outlet: 1/2" NPT male
- Oxygen Pigtails: NFPA 99 compliant, rigid copper, with check valves,
Other Gas Pigtails: NFPA 99 compliant, 24" flexible stainless steel with check valves
- 1/2" Brass, silver brazed headers
- Digital readout can display psig, kPa or Bar
- Connects to remote alarms systems (Up to 3 amps 30 VDC or 2 amps 250 VAC)



HGM2 series

HOW TO ORDER

Specify: Control Type (V)–Service (W)–Number of Cyls (X)		
<i>Example 1: HGM2HP-7-6 represents HGM2HP with nitrogen gas service with a 6 cylinder manifold</i>		
CONTROL TYPE (V)	GAS SERVICE (W)	# OF CYL'S (X)
HGM2 (30 to 55 psig)	(2) Air	CGA-346
	(4) Carbon Dioxide	CGA-320
HGM2HL (30 to 55 psig) (For CO ₂ and N ₂ O– includes 500 scfh heater)	(5) Helium	CGA-580
	(7) Nitrogen	CGA-580
	(8) Nitrous Oxide	CGA-326
	(9) Oxygen	CGA-540
HGM2HP (50 to 200 psig)		



Example: HGM2-9-4 = Oxygen (9=CGA-540) Manifold for 4 Cylinders

Design Lengths

TOTAL NO. OF CYLINDERS	4	6	8	10	12	16	20
Standard (10" Centers) Overall Manifold Length	5'-11" (1.80m)	7'-7" (2.31m)	9'-3" (2.82m)	10'-11" (3.33m)	12'-7" (3.84m)	15'-11" (4.85m)	19'-3" (5.87m)
Staggered Design (5" Centers) Overall Manifold Length	5'-1" (1.55m)	5'-11" (1.80m)	6'-9" (2.06m)	7'-7" (2.31m)	8'-5" (2.57m)	10'-1" (3.07m)	11'-9" (3.58m)
Vertical Crossover (10" Centers) Overall Manifold Length	4'-3" (1.30m)	N/A	5'-11" (1.80m)	N/A	7'-7" (2.31m)	9'-3" (2.82m)	10'-11" (3.33m)
Crossover (10" Centers) Overall Manifold Length	4'-3" (1.30m)	N/A	5'-11" (1.80m)	N/A	7'-7" (2.31m)	9'-3" (2.82m)	10'-11" (3.33m)

Cylinders (X)-Header Configuration (Y)-Mounting (Z)	HEADER CONFIGURATION (Y)	MOUNTING (Z)
Standard header configuration of 3 cylinders per side which is mounted on the wall.	<p>BLANK-Standard 10" on Center</p> <p>V-Vertical crossover 10" on Center</p> <p>S-Staggered 5" on Center</p> <p>C-Crossover 10" on Center</p> <p>U-Shaped - Drawing Required</p> <p>L-Shaped - Drawing Required</p>	<p>BLANK = Wall mount</p> <p>F = Floor mounted</p>

