

FHM2

Western Innovator FHM2 Healthcare Gas Manifolds provide fully automatic system control. An integrated circuit board monitors cylinder bank pressure electronically, controlling change-over and eliminating the need to manually reset levers or valves.

FHM2 Healthcare Manifolds meet NFPA-99 2012 safety and performance requirements. Easy-to-read digital displays show the line and individual bank pressures. A series of lights for each bank indicates whether the bank is "in service", "ready for use", or "bank depleted".

specifications

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

FHM2	2000 scfh
FHM2 (CO ₂ & N ₂ O)	35 scfh
FHM2HL (CO ₂ & N ₂ O)	500 scfh
FHM2HP	3000 scfh
- Internal adjustable dual line regulators

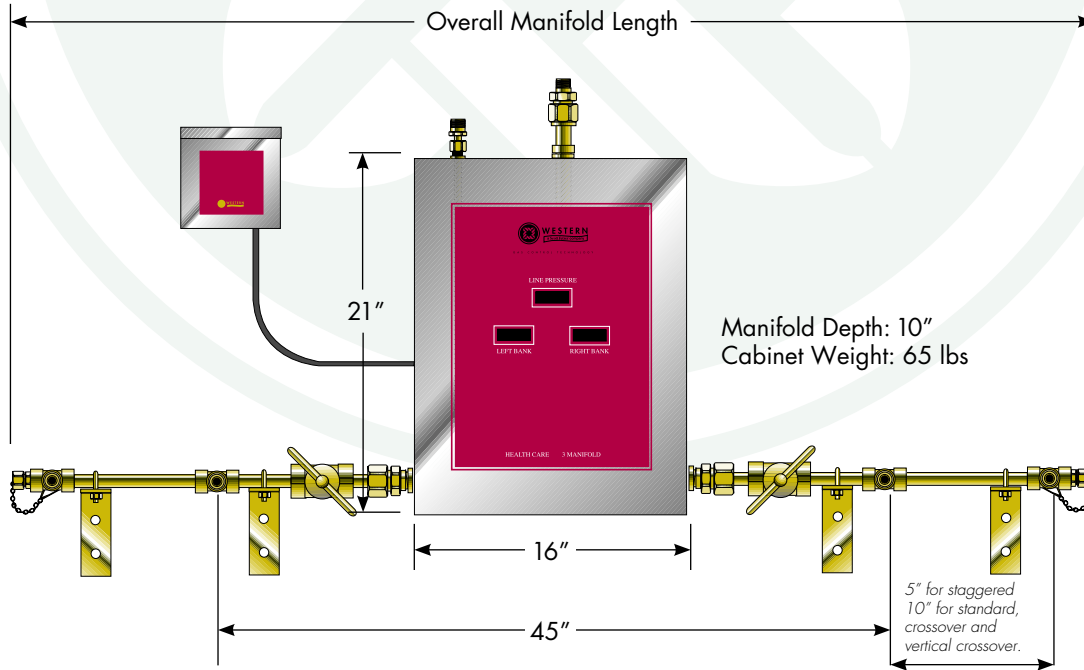
FHM2 & FHM2HL	30-70 psig
FHM2HP	100-190 psig
- Manifold outlet: 1/2" NPT male
- Relief valve outlet: 1/2" NPT male
- 1/2" Brass, silver brazed headers
- Oxygen Pigtails: NFPA 99 compliant, rigid copper, with check valves, Other Gas Pigtails: NFPA 99 compliant, 24" flexible stainless steel with check valves
- Digital readout can display psig, kPa or Bar
- Connects to remote alarms systems (Up to 3 amps 30 VDC or 2 amps 250 VAC)



FHM2 series

HOW TO ORDER

Specify: Control Type (V)-Service (W)-Number of Cyl's (X)		
<i>Example 1: FHM2HP-7-6 represents FHM2HP with nitrogen gas service with a 6 cylinder manifold</i>		
CONTROL TYPE (V)	GAS SERVICE (W)	# OF CYL'S (X)
FHM2 (30 to 70 psig)	(2) Air CGA-346	
	(4) Carbon Dioxide CGA-320	
FHM2HL (30 to 70 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	
FHM2HP (100 to 190 psig)	(9) Oxygen CGA-540	



Example: FHM2-9-4-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)

Standard header configuration of 3 cylinders per side which is mounted on the wall.

HEADER CONFIGURATION (Y)	MOUNTING (Z)
<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>

