

CLA

Western Innovator CLA high pressure reserve manifolds are specifically designed for healthcare facilities requiring an

emergency back-up gas supply to meet NFPA-99 requirements. (See page 37 for NFPA drawings)

specifications

- 1/2" plugged tee, for "reserve low" pressure switch. (Western part number WME-4-10)
- Maximum inlet pressure 3000 psig.
- Adjustable regulator.
CLA 20-160 psig
CLAHP 40-300 psig
- Manifold outlet: 1/2" NPT.
- 24" flexible stainless steel pigtails with check valves.
- 1/2" Brass, silver brazed headers.



Design Lengths

TOTAL NO. OF CYLINDERS	3	4	5	6	7	8	9
CLA Standard (10" Centers) Overall Manifold Length	4' - 5" (1.35m)	5' - 3" (1.60m)	6' - 1" (1.85m)	7' - 0" (2.13m)	7' - 10" (2.39m)	8' - 8" (2.64m)	9' - 6" (2.90m)
CLA Staggered (5" Centers) Overall Manifold Length	3' - 2" (0.97m)	3' - 7" (1.09m)	4' - 0" (1.22m)	4' - 5" (1.35m)	4' - 10" (1.47m)	5' - 3" (1.60m)	5' - 8" (1.73m)
CLA Vertical Crossover (10" Centers) Overall Manifold Length	N/A	3' - 7" (1.09m)	N/A	4' - 5" (1.35m)	N/A	5' - 3" (1.60m)	N/A

HOW TO ORDER

	CONTROL TYPE (W)	GAS SERVICE (X)	# OF CYL'S (Y)	HEADER CONFIGURATION (Z)
CLA (20 to 160 psig)	(2) Breathing Air (4) Carbon Dioxide (7) Nitrogen (8) Nitrous Oxide (9) Oxygen	CGA-346 CGA-320 CGA-580 CGA-326 CGA-540		Blank - Standard 10" on Center S - Staggered V - Vertical Crossover U - Shaped - Drawing Required L - Shaped - Drawing Required
CLAHP (40 to 300 psig)	(11) CO ₂ /O ₂ Mixture (CO ₂ not over 7%) (12) He/O ₂ Mixture (He not over 80%) (13) N ₂ /O ₂ Mixture (O ₂ not over 23.5%) (14) N ₂ /O ₂ Mixture (N ₂ O 47.5 to 52.5%)	CGA-280 CGA-280 CGA-280 CGA-280		

DUAL LINE REGULATOR ASSEMBLIES

Western dual-line regulator assemblies are designed for use in medical piping systems to meet NFPA-1999 requirements (See page 37 for NFPA drawings). The

dual line regulator assembly is intended for breathing air, oxygen, nitrous oxide medical breathing mixtures, nitrogen and carbon dioxide applications.

specifications

- Maximum inlet pressure 350 psig.
- Outlet pressure ranges 30 - 70 psig or 70 - 200 psig.
- Inlet port
DLA 1/2" NPT
WMS 1/4" NPT
- Outlet port
1/2" NPT
- Relief valve outlet: 1/2" NPT.



WMS-1-20



DLA-4

Ordering Information

PART NUMBER	SIZE	DESCRIPTION	RELIEF VALVE SETTING
WMS-1-20	1/4" NPT	Dual line regulator for N ₂ , CO ₂ , N ₂ O or O ₂ , 30-70 psig delivery pressure	75 psig
WMS-1-22	1/4" NPT	Dual line regulator for Nitrogen 70-200 psig delivery pressure	250 psig
DLA-4	1/2" NPT	Dual line regulator for N ₂ , N ₂ O, CO ₂ , or O ₂ , 30-70 psig delivery pressure	75 psig
DLA-5	1/2" NPT	Dual line regulator for Nitrogen 70-200 psig delivery pressure	250 psig

