



Carbon Monoxide

Equipment Recommendations	Model No.	Page No.
Single Stage Regulator	Series 3530-CGA*	313
Mini High Purity Regulator	Series 3550-180	314
Low Dead Volume Regulator (for Concentrations < 50ppm)	Series 3590-CGA*	315

Gas Mixtures

Balance Gas	Concentration Range	Matheson Mixtures Grades						Cylinder Size	CGA*	Contents		Pressure		Approximate Ship Weight	
		MR	P	C+	C	U	G			US	Metric	psig	kPa	lb	kg
Air	1 ppm - 7.55 %	•	•	•	•	•	•	1R	590	145 ft ³	4.11 m ³	2,000	13,790	70	32
		2R	590	78 ft ³	2.21 m ³	2,000	13,790	48	22						
		3R	590	29 ft ³	0.82 m ³	2,000	13,790	24	11						
		6R	180	3.73 ft ³	106 L	1,800	12,411	2	1						
Argon	1 ppm - 100 ppm	•	•	•	•	•	•	1R	350	152 ft ³	4.30 m ³	2,000	13,790	70	32
		2R	350	81 ft ³	2.29 m ³	2,000	13,790	48	22						
		3R	350	30 ft ³	0.85 m ³	2,000	13,790	24	11						
		6R	180	3.89 ft ³	110 L	1,800	12,411	2	1						
	100 ppm - 10 %	•	•	•	•	•	•	1A	350	225 ft ³	6.37 m ³	1,650	11,376	133	60
		2	350	88 ft ³	2.49 m ³	1,650	11,376	74	34						
		3	350	38 ft ³	1.07 m ³	1,650	11,376	39	18						
		6R	180	3.89 ft ³	110 L	1,800	12,411	2	1						
Helium	1 ppm - 1000 ppm	•	•	•	•	•	•	1R	350	136 ft ³	3.85 m ³	2,000	13,790	70	32
		2R	350	73 ft ³	2.07 m ³	2,000	13,790	48	22						
		3R	350	27 ft ³	0.77 m ³	2,000	13,790	24	11						
		6R	180	3.51 ft ³	99 L	1,800	12,411	2	1						
	0.1 % - 10 %	•	•	•	•	•	•	1A	350	202 ft ³	5.72 m ³	1,650	11,376	133	60
		2	350	79 ft ³	2.24 m ³	1,650	11,376	74	34						
		3	350	34 ft ³	0.96 m ³	1,650	11,376	39	18						
		6R	180	3.51 ft ³	99 L	1,800	12,411	2	1						
Hydrogen	1 ppm - 1000 ppm	•	•	•	•	•	•	1R	350	135 ft ³	3.82 m ³	2,000	13,790	70	32
		2R	350	72 ft ³	2.04 m ³	2,000	13,790	48	22						
		3R	350	27 ft ³	0.77 m ³	2,000	13,790	24	11						
		6R	180	3.48 ft ³	98 L	1,800	12,411	2	1						
	0.1 % - 10 %	•	•	•	•	•	•	1A	350	200 ft ³	5.66 m ³	1,650	11,376	133	60
		2	350	78 ft ³	2.21 m ³	1,650	11,376	74	34						
		3	350	33 ft ³	0.93 m ³	1,650	11,376	39	18						
		6R	180	3.48 ft ³	98 L	1,800	12,411	2	1						
Nitrogen	1 ppm - 2 %	•	•	•	•	•	•	1R	350	143 ft ³	4.05 m ³	2,000	13,790	70	32
		2R	350	77 ft ³	2.18 m ³	2,000	13,790	48	22						
		3R	350	29 ft ³	0.82 m ³	2,000	13,790	24	11						
		6R	180	3.69 ft ³	104 L	1,800	12,411	2	1						
	2 % - 10 %	•	•	•	•	•	•	1A	350	213 ft ³	6.08 m ³	1,650	11,376	133	60
		2	350	83 ft ³	2.35 m ³	1,650	11,376	74	34						
		3	350	35 ft ³	0.99 m ³	1,650	11,376	39	18						
		6R	180	3.69 ft ³	104 L	1,800	12,411	2	1						

* Contents and pressure may vary with concentration and ambient temperature.
Certifications are traceable to NIST SRM.

⚠ WARNING: This product can expose you to chemicals including Carbon Monoxide, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Key for Matheson Mixtures Grades:

MR = Matheson Reference Standard **C+** = Certified Plus Standard **U** = Unanalyzed Standard
P = Primary Standard **C** = Certified Standard **G** = Gravimetric Standard

For more information on Matheson Mixture Grades, please refer to pages 66 - 68.