



Carbon Disulfide

Equipment Recommendations	Model No.	Page No.
Single Stage Regulator	Series 3610A-CGA	316
Mini High Purity Regulator	Series 3570-180	314
Low Dead Volume Regulator (for Concentrations < 50ppm)	Series 3590-CGA*	315

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	
Hydrogen	1 ppm - 50 ppm			•	•			1I	350	135 ft ³	3.82 m ³	2,000	13,790	70	32	
								2I	350	72 ft ³	2.04 m ³	2,000	13,790	48	22	
								3I	350	27 ft ³	0.77 m ³	2,000	13,790	24	11	
								6I	180	3.48 ft ³	98 L	1,800	12,411	2	1	
	50 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
	1000 ppm - 0.20 %				•	•			1P	350	200 ft ³	5.66 m ³	2,000	13,790	140	64
									2P	350	78 ft ³	2.21 m ³	2,000	13,790	76	34
									3P	350	33 ft ³	0.93 m ³	2,000	13,790	39	18
									6P	350	4.29 ft ³	1.21 m ³	2,000	13,790	20	9
Methane	1 ppm - 50 ppm			•	•			1I	350	112 ft ³	4.87 m ³	2,000	13,790	70	32	
								2I	350	92 ft ³	2.61 m ³	2,000	13,790	48	22	
								3I	350	34 ft ³	0.96 m ³	2,000	13,790	24	11	
								6I	180	4.37 ft ³	124 L	1,800	12,411	2	1	
	50 ppm - 1000 ppm				•	•			1R	350	172 ft ³	4.87 m ³	2,000	13,790	70	32
									2R	350	92 ft ³	2.61 m ³	2,000	13,790	48	22
									3R	350	34 ft ³	0.96 m ³	2,000	13,790	24	11
									6R	180	4.37 ft ³	124 L	1,800	12,411	2	1
	1000 ppm - 0.20 %				•	•			1P	350	255 ft ³	7.22 m ³	2,000	13,790	140	64
									2P	350	100 ft ³	2.83 m ³	2,000	13,790	76	34
									3P	350	42 ft ³	1.19 m ³	2,000	13,790	39	18
									6P	350	4.89 ft ³	1.38 m ³	2,000	13,790	20	9
Nitrogen	500 ppb - 50 ppm			•	•			1I	350	143 ft ³	4.05 m ³	2,000	13,790	70	32	
								2I	350	77 ft ³	2.18 m ³	2,000	13,790	48	22	
								3I	350	29 ft ³	0.82 m ³	2,000	13,790	24	11	
								6I	180	3.69 ft ³	104 L	1,800	12,411	2	1	
	50 ppm - 1000 ppm				•	•			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
	1000 ppm - 0.20 %				•	•			1P	350	213 ft ³	6.03 m ³	2,000	13,790	140	64
									2P	350	83 ft ³	2.35 m ³	2,000	13,790	76	34
									3P	350	35 ft ³	0.99 m ³	2,000	13,790	39	18
									6P	350	4.56 ft ³	1.29 m ³	2,000	13,790	20	9

Contents and pressure may vary with concentration and ambient temperature.

⚠WARNING: This product can expose you to chemicals including Carbon Disulfide, 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.