



Acetaldehyde

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

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	
Helium	1 ppm - 20 ppm			•	•		•	1I	350	136 ft ³	3.85 m ³	2,000	13,790	70	32	
								2I	350	73 ft ³	2.07 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	3.51 ft ³	99 L	1,800	12,411	2	1	
	20 ppm - 100 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
Nitrogen	100 ppb - 20 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	
	20 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

Contents and pressure may vary with concentration and ambient temperature.

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.