



# Ethylene Oxide

Equipment Recommendations	Model No.	Page No.
Single Stage Regulator	<b>Series 3530-CGA*</b>	313
Mini High Purity Regulator	<b>Series 3550-180</b>	314
Low Dead Volume Regulator (for Concentrations < 50ppm)	<b>Series 3590-CGA*</b>	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
Nitrogen	5 ppm - 5000 ppm			•	•		•	1I	350	143 ft <sup>3</sup>	4.05 m <sup>3</sup>	2,000	13,790	70	32
								2I	350	77 ft <sup>3</sup>	2.18 m <sup>3</sup>	2,000	13,790	48	22
								3I	350	29 ft <sup>3</sup>	0.82 m <sup>3</sup>	2,000	13,790	24	11
								6I	180	3.69 ft <sup>3</sup>	104 L	1,800	12,411	2	1

*Contents and pressure may vary with concentration and ambient temperature.*

**⚠WARNING:** This product can expose you to chemicals including Ethylene Oxide, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://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.