

Ethylene Oxide (C₂H₄O)

- Other balance gases and cylinder sizes are available upon request.
- Concentrations over 6100 ppm in Air and 1% in all other balance gases are provided at reduced pressure and volume.

Ethylene Oxide in Air			Ethylene Oxide in Helium		
Concentration	Cylinder Size	≈Contents ft ³	Concentration	Cylinder Size	≈Contents ft ³
1 ppm – < 100 ppm	150A	146	1 ppm – < 100 ppm	150A	132
	80A	78		80A	70
	33A	33		33A	30
100 ppm – 6100 ppm	150A	103	100 ppm – 1%	150A	132
	80A	55		80A	70
	33A	23		33A	30
Cannot exceed 1.8% in Air. Standard Valve Outlet: CGA 590 Certificate of Analysis included.			Standard Valve Outlet: CGA 350 Certificate of Analysis included.		

Ethylene Oxide in Nitrogen		
Concentration	Cylinder Size	≈Contents ft ³
1 ppm – < 100 ppm	150A	144
	80A	77
	33A	33
100 ppm – 1%	150A	144
	80A	77
	33A	33
Standard Valve Outlet: CGA 350 Certificate of Analysis included.		

Airgas offers a wide range of specialty gas equipment designed especially for specialty gas mixtures.



Pictured: Y11-N245

Technical Data & Shipping Information	
Cylinder Pressure	2000 psig
U.S. DOT Class:	
C ₂ H ₄ O in Air, or ≤ 2.5% He or ≤ 3.7% in N ₂	2.2
All Others	2.1
U.S. DOT Label:	
C ₂ H ₄ O in Air, or ≤ 2.5% He or ≤ 3.7% in N ₂	Nonflammable Gas
All Others	Flammable Gas
ID Number:	
C ₂ H ₄ O in Air, or ≤ 2.5% He or ≤ 3.7% in N ₂	UN1956
All Others	UN1954

Equipment Recommendations are found on page 35

Fluorine Mixtures

See Laser Mixtures

Airgas has a complete laser offering, including fluorine mixtures and hydrogen chloride mixtures for excimer lasers. See the Special Applications Section, page SA13.