

## Ethane (C<sub>2</sub>H<sub>6</sub>)

- Other balance gases and cylinder sizes are available up on request.
- Concentrations over 5300 ppm in Air and 20% in all other balance gases are provided at reduced pressure and volume.

Ethane in Air			Ethane in Helium		
Concentration	Cylinder Size	≈Contents ft <sup>3</sup>	Concentration	Cylinder Size	≈Contents ft <sup>3</sup>
1 ppm – <100 ppm	200	218	1 ppm – <100 ppm	200	196
	150A	146		150A	132
	80	76		80	77
	35	35		35	30
100 ppm – <1000 ppm	200	218	100 ppm – <1%	200	196
	150A	146		150A	132
	80	76		80	77
	35	35		35	30
1000 ppm – 5300 ppm	200	218	1% – 20%	200	199
	80	76		80	79
	35	35		35	31
	Cannot exceed 1.8% in Air. Primary Standards available for concentrations greater than 5 ppm. Standard Valve Outlet: CGA 590 Individual Certificate of Analysis or Certificate of Batch Analysis included.			Standard Valve Outlet: CGA 350 Individual Certificate of Analysis or Certificate of Batch Analysis included.	
Ethane in Hydrogen			Ethane in Nitrogen		
Concentration	Cylinder Size	≈Contents ft <sup>3</sup>	Concentration	Cylinder Size	≈Contents ft <sup>3</sup>
1 ppm – <100 ppm	200	196	1 ppm – <100 ppm	200	215
	150A	132		150A	144
	80	77		80	85
	35	30		35	33
100 ppm – <1%	200	196	100 ppm – <1%	200	215
	150A	132		150A	144
	80	77		80	85
	35	30		35	33
1% – 20%	200	199	1% – 20%	200	225
	80	79		80	89
	35	31		35	35
	Standard Valve Outlet: CGA 350 Individual Certificate of Analysis or Certificate of Batch Analysis included.			Standard Valve Outlet: CGA 350 Individual Certificate of Analysis or Certificate of Batch Analysis included.	

### Technical Data & Shipping Information

Cylinder Pressure	2000 psig
U.S. DOT Class:	
C <sub>2</sub> H <sub>6</sub> In Air, or 8.37% in He, or ≤ 12.0% in N <sub>2</sub>	2.2
In H <sub>2</sub> and All Others	2.1
U.S. DOT Label:	
C <sub>2</sub> H <sub>6</sub> In Air, or 8.37% in He, or ≤ 12.0% in N <sub>2</sub>	Nonflammable Gas
In H <sub>2</sub> and All Others	Flammable Gas
ID Number:	
C <sub>2</sub> H <sub>6</sub> In Air, or 8.37% in He, or ≤ 12.0% in N <sub>2</sub>	UN1956
In H <sub>2</sub> and All Others	UN1954

Equipment Recommendations are found on page 35