

Carbon Dioxide (CO₂)

- Other balance gases and cylinder sizes are available up on request.
- Concentrations over 28% are provided at reduced pressure and volume.

Carbon Dioxide in Air			Carbon Dioxide in Argon		
Concentration	Cylinder Size	≈Contents ft ³	Concentration	Cylinder Size	≈Contents ft ³
0.5 ppm - <100 ppm	150A	146	0.5 ppm - <100 ppm	150A	153
	80A	78		80A	82
	35A	33		35A	35
100 ppm - <1%	200	218	100 ppm - <1%	200	228
	80	86		80	90
	35	34		35	35
1% - 28%	200	232	1% - 28%	200	243
	80	92		80	96
	35	36		35	38
Primary Standards available for concentrations greater than 1 ppm. Standard Valve Outlet: CGA 590 Individual Certificate of Analysis or Certificate of Batch Analysis included.			Primary Standards available for concentrations greater than 1 ppm. Standard Valve Outlet: CGA 580 Individual Certificate of Analysis or Certificate of Batch Analysis included.		
Carbon Dioxide in Helium			Carbon Dioxide in Hydrogen		
Concentration	Cylinder Size	≈Contents ft ³	Concentration	Cylinder Size	≈Contents ft ³
0.5 ppm - <100 ppm	150A	132	0.5 ppm - <100 ppm	150A	132
	80A	70		80A	70
	35A	30		35A	30
100 ppm - < 1%	200	196	100 ppm - <1%	200	197
	80	77		80	78
	35	30		35	31
1% - 28%	200	198	1% - 28%	200	201
	80	78		80	79
	35	31		35	31
Primary Standards available for concentrations greater than 1 ppm. Standard Valve Outlet: CGA 580 Individual Certificate of Analysis or Certificate of Batch Analysis included.			Primary Standards available for concentrations greater than 1 ppm. Standard Valve Outlet: CGA 350 Individual Certificate of Analysis or Certificate of Batch Analysis included.		

Equipment Recommendations are found on page 34

Airgas Quality Policy

The purpose of the Airgas Quality System is to continually improve our manufacturing and related processes to provide our customers with the highest product purity, consistency, and service.

Carbon Dioxide (CO₂) Cont.

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Carbon Dioxide in Nitrogen			Carbon Dioxide in Oxygen		
Concentration	Cylinder Size	≈Contents ft ³	Concentration	Cylinder Size	≈Contents ft ³
0.5 ppm – <100 ppm	150A	144	0.5 ppm – <100 ppm	150A	154
	80A	77		80A	82
	33A	33		33A	35
100 ppm – <1%	200	215	100 ppm – <1%	200	230
	80	85		80	91
	35	33		35	36
1% – 28%	200	228	1% – 28%	200	245
	80	90		80	97
	35	35		35	35

Primary Standards available for concentrations greater than 1 ppm.
Standard Valve Outlet: CGA 580
Individual Certificate of Analysis or Certificate of Batch Analysis included.

Primary Standards available for concentrations greater than 1 ppm.
Standard Valve Outlet: CGA 296
Individual Certificate of Analysis or Certificate of Batch Analysis included.

Technical Data & Shipping Information	
Cylinder Pressure	2000 psig
U.S. DOT Class:	
In H ₂	2.1
All Others	2.2
U.S. DOT Label:	
In H ₂	Flammable Gas
All Others	Nonflammable Gas
ID Number:	
In H ₂	UN1954
All Others	UN1956

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