

Carbon Dioxide CO₂

CO₂ in Nitrogen CGA 580

Grade	Concentration	Cylinder Size	Contents cu. ft.	Pressure psig @ 70° F	Recommended Type	Pressure Regulator Series	Regulator Page			
Primary	50 ppm - 30%	K	208	2000	Two-stage	Model 600	122			
					Single-stage	Model 600	121			
Certified	1 - 99 ppm	K	208	2000	Two-stage	Model 600	122			
		KAL	140	2000						
		Q	76	2000						
		G	32	2000						
		GAL	28	2000						
		GAL	28	2000						
	100 - 999 ppm	K	208	2000				Single-stage	Model 600	121
		Q	76	2000						
		G	32	2000						
		0.1 - 30%	K	208				2000		
			Q	76				2000		
			G	32				2000		
Unanalyzed	100 - 999 ppm	K	208	2000	Two-stage	Model 600	122			
		Q	76	2000						
		G	32	2000						
		G	32	2000						
	0.1 - 30%	K	208	2000				Single-stage	Model 600	121
		Q	76	2000						
		G	32	2000						
		G	32	2000						

Concentrations above 30% are available at reduced pressures and volumes to minimize the potential of Carbon Dioxide condensation.

CO₂ in Oxygen CGA 296

Grade	Concentration	Cylinder Size	Contents cu. ft.	Pressure psig @ 70° F	Recommended Type	Pressure Regulator Series	Regulator Page			
Primary	50 ppm - 30%	K	226	2000	Two-stage	Model 600	122			
					Single-stage	Model 600	121			
Certified	1 - 99 ppm	K	226	2000	Two-stage	Model 600	122			
		KAL	152	2000						
		Q	83	2000						
		G	35	2000						
		GAL	30	2000						
		GAL	30	2000						
	100 - 999 ppm	K	226	2000				Single-stage	Model 600	121
		Q	83	2000						
		G	35	2000						
		0.1 - 30%	K	226				2000		
			Q	83				2000		
			G	35				2000		
Unanalyzed	100 - 999 ppm	K	226	2000	Two-stage	Model 600	122			
		Q	83	2000						
		G	35	2000						
		G	35	2000						
	0.1 - 30%	K	226	2000				Single-stage	Model 600	121
		Q	83	2000						
		G	35	2000						
		G	35	2000						

Concentrations above 30% are available at reduced pressures and volumes to minimize the potential of Carbon Dioxide condensation.

Shipping Data (Must list two components in parentheses in association with the DOT name.)

Major Component:	Air, Helium or Nitrogen	Oxygen
DOT Name	Compressed Gas, N.O.S.	Carbon Dioxide and Oxygen Mixtures Compressed
Hazard Class	2.2	2.2
I.D. No.	UN 1956	UN 1014
DOT Label	Nonflammable Gas	Nonflammable Gas and Oxidizer

Carbon Dioxide mixtures in Argon or Hydrogen are available upon request.