

Hydrogen H₂

H₂ in Helium CGA 350

Grade	Concentration	Cylinder Size	Contents cu. ft.	Pressure psig @ 70° F	Recommended Pressure Regulator Type	Series	Page			
Primary	0.1 - 50%	K	200	2000	Two-stage	Model 600	122			
					Single-stage	Model 600	121			
Certified	5 - 49 ppm	K	200	2000	Two-stage	Model 600	122			
		KAL	135	2000						
		Q	73	2000						
		G	32	2000						
		GAL	27	2000						
		K	200	2000						
	50 - 999 ppm	K	200	2000				Single-stage	Model 600	121
		Q	73	2000						
		G	32	2000						
		0.1 - 50%	K	200				2000		
			Q	73				2000		
			G	32				2000		
Unanalyzed	50 - 999 ppm	K	200	2000	Two-stage	Model 600	122			
		Q	73	2000	Single-stage	Model 600	121			
		G	32	2000						
	0.1 - 50%	K	200	2000						
		Q	73	2000						
		G	32	2000						

H₂ in Nitrogen CGA 350

Grade	Concentration	Cylinder Size	Contents cu. ft.	Pressure psig @ 70° F	Recommended Pressure Regulator Type	Series	Page				
Primary	0.1 - 50%	K	208	2000	Two-stage	Model 600	122				
					Single-stage	Model 600	121				
Certified	5 - 49 ppm	K	208	2000	Two-stage	Model 600	122				
		Q	76	2000							
		G	32	2000							
		50 - 999 ppm	K	208				2000	Single-stage	Model 600	121
			Q	76				2000			
			G	32				2000			
	0.1 - 50%	K	208	2000							
		Q	76	2000							
		G	32	2000							
	Unanalyzed	50 - 999 ppm	K	208				2000	Two-stage	Model 600	122
			Q	76				2000			
			G	32				2000			
0.1 - 50%		K	208	2000	Single-stage	Model 600	121				
		Q	76	2000							
		G	32	2000							

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

Major Component:	Helium	Helium	Nitrogen	Nitrogen
Percent of Hydrogen	≤ 3.9%	> 3.9%	≤ 5.7%	> 5.7%
DOT Name	Compressed Gas, N.O.S.	Compressed Gas, Flammable N.O.S.	Compressed Gas, N.O.S.	Compressed Gas, Flammable N.O.S.
Hazard Class	2.2	2.1	2.2	2.1
I.D. No.	UN 1956	UN 1954	UN 1956	UN 1954
DOT Label	Nonflammable Gas	Flammable Gas	Nonflammable Gas	Flammable Gas