

Ammonia NH₃

NH₃ in Air CGA 705

Grade	Concentration	Cylinder Size	Contents cu. ft.	Pressure psig @ 70° F	Recommended Pressure Regulator Type	Series	Page
Primary	0.1 - 4%	K	214	2000	Two-stage	Model 300	131
		KAL	144	2000	Single-stage	Model 300	130
Certified	10 - 99 ppm	KAL	144	2000	Two-stage Single-stage	Model 300 Model 300	131 130
		GAL	29	2000			
	100 - 999 ppm	KAL	144	2000			
		GAL	29	2000			
	0.1 - 4%	K	214	2000			
		KAL	144	2000			
Unanalyzed	0.1 - 4%	K	214	2000	Two-stage	Model 300	131
		KAL	144	2000	Single-stage	Model 300	130
		GAL	29	2000			

Ammonia in Air is available only to 7.5%.
 Concentrations above 4% are available at reduced pressures and volumes to minimize the potential of Ammonia condensation.
 Mixtures of Ammonia in Air above 2.22% are produced at reduced pressures and volumes for safety considerations.

NH₃ in Nitrogen CGA 705

Grade	Concentration	Cylinder Size	Contents cu. ft.	Pressure psig @ 70° F	Recommended Pressure Regulator Type	Series	Page
Primary	0.1 - 4%	K	208	2000	Two-stage	Model 300	131
		KAL	140	2000	Single-stage	Model 300	130
Certified	10 - 99 ppm	KAL	140	2000	Two-stage Single-stage	Model 300 Model 300	131 130
		GAL	28	2000			
	100 - 999 ppm	KAL	140	2000			
		GAL	28	2000			
	0.1 - 4%	K	208	2000			
		KAL	140	2000			
Unanalyzed	0.1 - 4%	K	208	2000	Two-stage	Model 300	131
		KAL	140	2000	Single-stage	Model 300	130
		GAL	28	2000			

Concentrations above 4% are available at reduced pressures and volumes to minimize the potential of Ammonia condensation.

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

DOT Name	Compressed Gas, N.O.S.
Hazard Class	2.2
I.D. No.	UN 1956
DOT Label	Nonflammable Gas

Ammonia mixtures in Argon, Helium or Hydrogen are available upon request.