

## Ammonia (NH<sub>3</sub>)

- Other balance gases and cylinder sizes are available upon request.
- Concentrations over 1.8% in air and 4% in all other balance gases are provided at reduced pressure and volume.

Ammonia in Air			Ammonia in Argon		
Concentration	Cylinder Size	≈Contents ft <sup>3</sup>	Concentration	Cylinder Size	≈Contents ft <sup>3</sup>
2.5 ppm - <100 ppm	150A	146	2.5 ppm - <100 ppm	150A	153
	80A	84		80A	82
	33A	29		33A	35
100 ppm - < 1%	150A	146	100 ppm - < 1%	150A	153
	80A	84		80A	82
	33A	29		33A	35
1% - 1.8%	150A	148	1% - 10%	150A	156
	80A	86		80A	83
	33A	30		33A	36
Not available in Air over 9.4% Standard Valve Outlet: CGA 705 Individual Certificate of Analysis or Certificate of Batch Analysis included.			Standard Valve Outlet: CGA 705 Individual Certificate of Analysis or Certificate of Batch Analysis included.		
Ammonia in Helium			Ammonia in Nitrogen		
Concentration	Cylinder Size	≈Contents ft <sup>3</sup>	Concentration	Cylinder Size	≈Contents ft <sup>3</sup>
2.5 ppm - <100 ppm	150A	132	2.5 ppm - <100 ppm	150A	146
	80A	70		80A	84
	33A	30		33A	29
100 ppm - < 1%	150A	132	100 ppm - < 1%	150A	146
	80A	70		80A	84
	33A	30		33A	29
1% - 10%	150A	132	1% - 10%	150A	148
	80A	70		80A	86
	33A	30		33A	30
Standard Valve Outlet: CGA 705 Individual Certificate of Analysis or Certificate of Batch Analysis included.			Standard Valve Outlet: CGA 705 Individual Certificate of Analysis or Certificate of Batch Analysis included.		

Technical Data & Shipping Information	
Cylinder Pressure	2000 psig
U.S. DOT Class:	
In Air, Ar, He, and N <sub>2</sub>	2.2
In H <sub>2</sub>	2.1
U.S. DOT Label:	
In Air, Ar, He, and N <sub>2</sub>	Nonflammable Gas
In H <sub>2</sub>	Flammable Gas
ID Number:	
In Air, Ar, He, and N <sub>2</sub>	UN1956
In H <sub>2</sub>	UN1954

Airgas offers a wide range of specialty gas equipment for gas mixtures, including regulators.



Pictured: Y12-C445

Equipment Recommendations are found on page 34