Carbon Monoxide (CO)

A flammable, odorless, colorless, and toxic gas.

Purity Specifications	Minimum Purity	O_2	H_2O	CO_2	Other Hydrocarbons	H_2	N_2
Research Plus	99.999%	< 2	< 2	< 2	< 2	< 1	< 5
Research	99.99%	< 5	< 3	< 15	< 5	< 1	< 40
Ultra High Purity (UHP)	99.9%	< 10	< 5	< 20	< 50	< 10	< 900
Chemically Pure (CP)	99.5%						

Concentrations given are ppm by volume unless otherwise specified.

PRODUCT	Ordering Information					Equipment Recommendations		
	Cylinder Size	Contents ft^3	Standard Valve Outlet (CGA)	Product Number	Cylinder Pressure at 70°F (psig)	Description Product Number	Delivery Pressure Range (psig)	Page Number
Research Plus	300A 150A 80A	230 140 75	350 350 350	CM RP3HA CM RP15A CM RP80A	2,000 2,000 2,000			
	An individual or batch analysis is available upon request at a nominal charge. Certificate of Conformance provided upon request.							
Research	300 200 150A 80	240 180 140 70	350 350 350 350	CM R300 CM R200 CM R15A CM R80	2,000 1,675 2,000 1,675	**Two-Stage Regulators** Y12-N145 * 350 Y12-244 * 350 **Single-Stage Regulators** Y11-N145 * 350 Y11-244 * 350	**A = 0-25** **B = 0-50** **D = 0-100** **E = 0-150** **F = 0-250** **G = 0-500****	**E14** **E11** **E13** **E10**
	An individual or batch analysis is available upon request at a nominal charge. Certificate of Conformance provided upon request.							
Ultra High Purity (UHP)	300 200 150A 80	240 180 140 70	350 350 350 350	CM UHP300 CM UHP200 CM UHP15A CM UHP80	2,000 1,675 2,000 1,675			
	An individual or batch analysis is available upon request at a nominal charge. Certificate of Conformance provided upon request.							
Chemically Pure (CP)	300 200 150A 80	240 180 140 70	350 350 350 350	CM CP300 CM CP200 CM CP15A CM CP80	2,000 1,675 2,000 1,675			
	Certificate of Conformance provided upon request.					* Insert Delivery Pressure Range Code ** Single Stage Only		

Technical Data & Shipping Information	
Molecular Weight	28.01
Specific Volume	13.8 cf/lb @70° F
Flammability Limits in Air	12.5 - 74% in Air
U.S. DOT Name	Carbon Monoxide
ID Number	UN 1016
U.S. DOT Hazard Class	2.3
U.S. DOT Label	Inhalation Hazard Flammable Gas
CAS Registry	630-08-0