



Product Specification

CARBON DIOXIDE (CO₂) , refrigerated liquid

General Characteristics: A colorless, non-flammable, liquefied and odorless gas.

Health Hazards: In high concentrations can paralyze the respiratory center.

Gas Grade/Purity	Cylinder Size	Contents	Product Code
Supercritical Min. Purity: 99.9995% Specifically manufactured for supercritical fluid chromatography or supercritical fluid extraction	180 L Liquid Gas Container (LGC)	160 kg	CO25N5LGC
Ultra High Purity Min. Purity: 99.995% H ₂ O < 10 ppm O ₂ < 20 ppm N ₂ < 20 ppm	180 L Liquid Gas Container (LGC)	160 kg	CO24N5LGC
Instrumental Min. Purity: 99.99% H ₂ O < 10 ppm O ₂ < 20 ppm N ₂ < 75 ppm	180 L Liquid Gas Container (LGC)	160 kg	CO24NLGC
High Purity Min. Purity: 99.9% H ₂ O < 10 ppm Oil < 5 ppm CO < 1 ppm	180 L Liquid Gas Container (LGC)	160 kg	CO23NLGC
F & B Min. Purity: 99.9% H ₂ O < 100 ppm	180 L Liquid Gas Container (LGC)	160 kg	CO23NFBLGC
Industrial Min. Purity: 99.5% H ₂ O < 100 ppm O ₂ < 100 ppm	180 L Liquid Gas Container (LGC)	160 kg	CO22N5LGC

Cylinder Specification

Cylinder Size	Cylinder Dimension Diameter x Height	Connection	Content
180 L	60 cm x 130 cm approx.	CGA 320	Net content : 160 kg Pressure@70°F: 350 psig Refrigerated Liquid

Technical Information

Molecular Weight	44.01	Dot Name	Carbon Dioxide
Specific Volume	8.74CF/lb	UN No.	UN1013
Fire Potential.....	Non-flammable	Dot Class	2.2
TLV-TWA	5000 ppm (ACGIH 1991-1992)	Dot Label.....	Non-flammable Gas
CGA Valve	320	Cas Registry	124-38-9
LB	180	Cylinder Pressure @ 70°F	350 psig