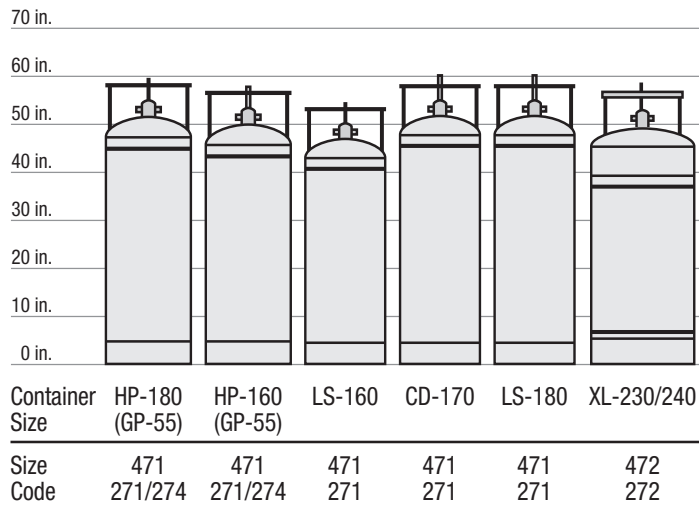


# Carbon Dioxide U.S.P. Refrigerated Liquid

Colorless, odorless, nonflammable, slightly acidic, refrigerated liquid

## Cryogenic Containers



Major Hazards: High Pressure and Inhalation  
 Toxicity: Low Toxicity, TLV of 5000ppm  
 Fire Potential: Nonflammable  
 Boiling Point (°F): -109.1  
 Molecular Weight: 44.01  
 Specific Gravity: 1.522  
 Critical Temperature (°F): 87.8  
 Critical Pressure (psia): 1071.6  
 Specific Volume (cf/lb): 8.76  
 UN No.: 2187

### DOT Designation

Name: Carbon Dioxide, Refrigerated Liquid  
 Label: Green, Nonflammable Gas  
 Hazard Classification: 2.2

### PURITY SPECIFICATIONS

Purity : Carbon Dioxide ≥ 99.0%  
 Odor: None

NO<sub>2</sub> ≤ 2.5ppm      H<sub>2</sub>S ≤ 1ppm  
 SO<sub>2</sub> ≤ 5ppm  
 CO ≤ 10ppm  
 NO ≤ 2.5ppm  
 NH<sub>3</sub> ≤ 2.5ppm

**MSDS**  
 P-4573

### CYLINDER SPECIFICATIONS

### Equipment Recommendations

Ordering Number	Cylinder Size	Nominal Contents	Pressure (psig) @ 70°F	CGA Connection	Regulator
CD MLC180-350	180 L	400 lb	350	GAS-320 / LIQUID-622	WESM1-320-PG    WESM1-320-P
CD MLC170-350	170 L	375 lb	350	GAS-320 / LIQUID-622	WESM1-320-PG    WESM1-320-P

**Color Code :**

**Shoulder Color: N /A**

**Body Color : N /A**

### Medical Applications

For close-to-physiologic atmospheres for the operation of artificial organs; in cryosurgery with unsufflators during laparoscopic surgery; and as a component in a mixture of oxygen or air as a respiratory stimulant to promote deep breathing.