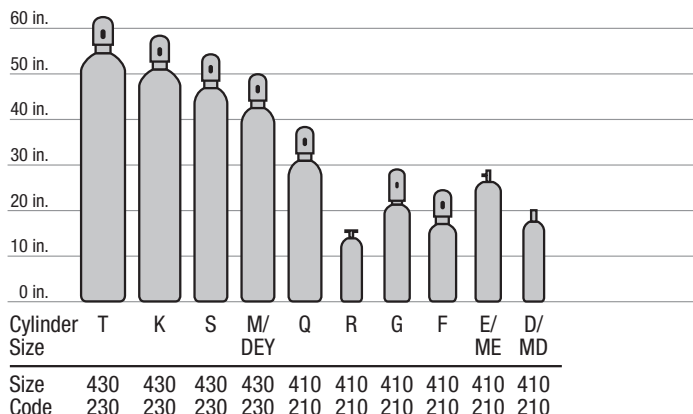


Carbon Dioxide U.S.P.

Colorless, odorless, nonflammable, slightly acidic, liquefied gas

High-Pressure Cylinders



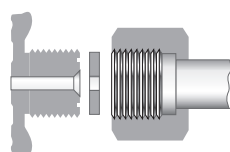
Major Hazards: High Pressure and Inhalation
 Toxicity: Low Toxicity, TLV of 5000ppm
 Fire Potential: Nonflammable
 Boiling Point (°F): -109.1
 Molecular Weight: 44.01
 Specific Gravity: 1.522
 Critical Temperature (°F): 87.8
 Critical Pressure (psia): 1070.6
 Specific Volume (cf/lb): 8.76
 UN No.: 2187

DOT Designation

Name: Carbon Dioxide
 Label: Green, Nonflammable Gas

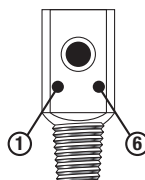
Hazard Classification: 2.2

CGA Connection No. 320



Threaded outlet type valves

CGA Connection No. 940



Post type pin indexed valves

PURITY SPECIFICATIONS

Purity: Carbon Dioxide $\geq 99.0\%$
 Odor: None
 $CO \leq 10\text{ppm}$
 $NO \leq 2.5\text{ppm}$
 $NH_3 \leq 25\text{ppm}$

MSDS

P-4574

$H_2O \leq 200\text{ppm}$
 $NO_2 \leq 2.5\text{ppm}$
 $H_2S \leq 1\text{ppm}$
 $SO_2 \leq 5\text{ppm}$

Ordering Number	CYLINDER SPECIFICATIONS			Equipment Recommendations	
	Cylinder Size	Nominal Contents	Pressure (psig) @ 70°F	CGA Connection	Regulator
CD M-D	M-D	4 lb	830	940	WESM1-940-PG
CD M-E	M-E	6 lb	830	940	WESM1-940-PG
CD M-AE	AE	6 lb	830	940	WESM1-940-PG
CD M-Q	Q	20 lb	830	320	WESM1-320-PG WESM1-320-P
CD M-20	20 lb	20 lb	830	320	WESM1-320-PG WESM1-320-P
CD M-50S	50 lb	50 lb	830	320	N/A
CD M-50	K	50 lb	830	320	WESM1-320-PG WESM1-320-P
CD M-64	64 lb	64 lb	830	320	WESM1-320-PG WESM1-320-P

Color Code:

Shoulder Color: Gray

Body Color: Gray

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. Syphon cylinders are available on request. A syphon cylinder uses a full length eductor tube to permit withdrawal of liquid phase product.