



**Description:**

A colorless, odorless, nonflammable, slightly acidic gas. Shipped as a liquid under its own vapor pressure.  
**Cylinder Color Code: GRAY**

**Characteristics:**

Molecular Weight – 44.01  
Specific Volume – 8.76 (cubic feet/lb)  
Flammability Limits – Non-Flammable  
TLV – 5,000 ppm

**Shipping:**

DOT Name – Carbon Dioxide  
DOT Hazard Class – 2.2  
UN No – UN2187  
DOT Label – Non-Flammable Gas

| Grade & Gas Specification        | Cyl. Size | Product Code | Contents Pounds | Cylinder Rental | Cylinder Pressure (psi) | CGA Outlet | Nominal Cylinder Dim. (in.) | Shipping Wt. Lbs |
|----------------------------------|-----------|--------------|-----------------|-----------------|-------------------------|------------|-----------------------------|------------------|
| Carbon Dioxide Bone Dry 99.8%    | 200       | CD BD50      | 50              | YES             | 838                     | 320        | 9 X 55                      | 170              |
|                                  | 20lb      | CD BD20      | 20              | YES             | 838                     | 320        | 8.5 X 25.5                  | 46               |
| Grade & Gas Specification        | Cyl. Size | Product Code | Contents Pounds | Cylinder Rental | Cylinder Pressure (psi) | CGA Outlet | Nominal Cylinder Dim. (in.) | Shipping Wt. Lbs |
| Carbon Dioxide Commercial 98.0%  | 100lb     | CD COM100    | 100             | NO              | 838                     | 320        | 11 X 62                     | 329              |
|                                  | 300       | CD COM75     | 75              | YES             | 838                     | 320        | 9.25 X 59                   | 244              |
|                                  | 200       | CD COM50     | 50              | YES             | 838                     | 320        | 9 X 55                      | 170              |
|                                  | 20lb      | CD COM20     | 20              | YES             | 838                     | 320        | 8.5 X 25.5                  | 46               |
|                                  | 15lb      | CD COM15     | 15              | YES             | 838                     | 320        | 7 X 27                      | 39               |
|                                  | 10lb      | CD COM10     | 10              | NO              | 838                     | 320        | 7 X 20                      | 28               |
|                                  | 5lb       | CD COM5      | 5               | NO              | 838                     | 320        | 4 x 30                      | 21               |
| Grade & Gas Specification        | Cyl. Size | Product Code | Contents Pounds | Cylinder Rental | Cylinder Pressure (psi) | CGA Outlet | Nominal Cylinder Dim. (in.) | Shipping Wt. Lbs |
| Carbon Dioxide Food – 99.9%      | 200       | CD FOD50     | 50              | YES             | 838                     | 320        | 9.25 X 59                   | 170              |
| Grade & Gas Specification        | Cyl. Size | Product Code | Contents Pounds | Cylinder Rental | Cylinder Pressure (psi) | CGA Outlet | Nominal Cylinder Dim. (in.) | Shipping Wt. Lbs |
| Carbon Dioxide Instrument 99.99% | 200       | CD INS50     | 50              | YES             | 838                     | 320        | 9 X 55                      | 170              |
|                                  | 80        | CD INS25     | 25              | YES             | 838                     | 320        | 7 x 36                      | 92               |
|                                  | 20lb      | CD INS20     | 20              | YES             | 838                     | 320        | 8.5 X 25.5                  | 46               |
|                                  | 5lb       | CD INSS      | 5               | NO              | 838                     | 320        | 5 X 18                      | 15               |
| Grade & Gas Specification        | Cyl. Size | Product Code | Contents Pounds | Cylinder Rental | Cylinder Pressure (psi) | CGA Outlet | Nominal Cylinder Dim. (in.) | Shipping Wt. Lbs |
| Carbon Dioxide USP 99.9%         | 200       | CD USP50     | 50              | YES             | 838                     | 320        | 9 X 55                      | 170              |
|                                  | 200       | CD USP50SY   | 50              | YES             | 838                     | 320        | 9 X 55                      | 170              |
|                                  | 20lb      | CD USP20     | 20              | YES             | 838                     | 320        | 8.5 X 25.5                  | 46               |
|                                  | 20lb      | CD USP20SY   | 20              | YES             | 838                     | 320        | 8.5 X 25.5                  | 46               |
|                                  | 6.5lb     | CD USPE      | 6LB, 7OZ        | YES             | 838                     | 320        | 4 x 30                      | 23               |
|                                  | 5lb       | CD USP5      | 5               | YES             | 838                     | 320        | 4 x 30                      | 21               |
|                                  | 4lb       | CD USPD      | 3LB, 14OZ       | NO              | 838                     | 320        | 4.25 x 20.5                 | 13               |

NOTE: Product Codes ending in SY have a siphon valve - Nominal Cylinder Dimensions are with valve & no cap - Shipping Weight is with cap on.