

CARBO-MIZER® 450

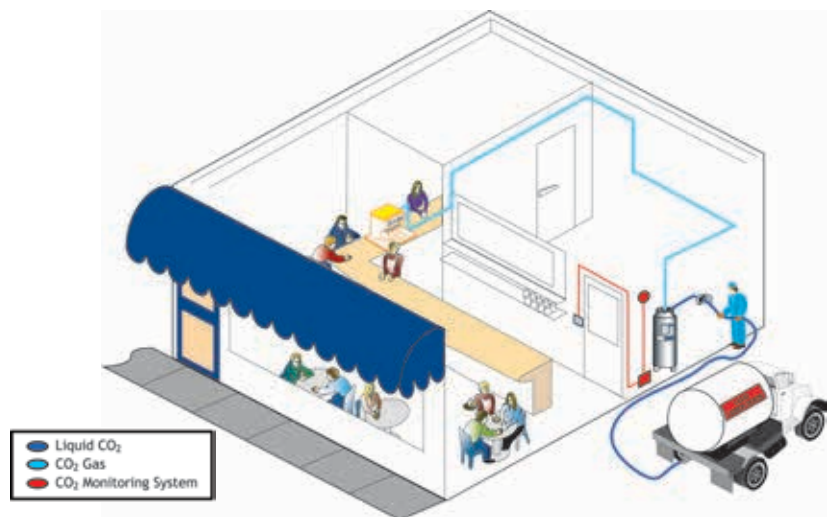
HIGH CAPACITY BULK CO₂



Bulk CO₂ Systems



• FAST FOOD • CONVENIENCE STORES • RESTAURANTS • BARS



Carbo-Mizer® 450

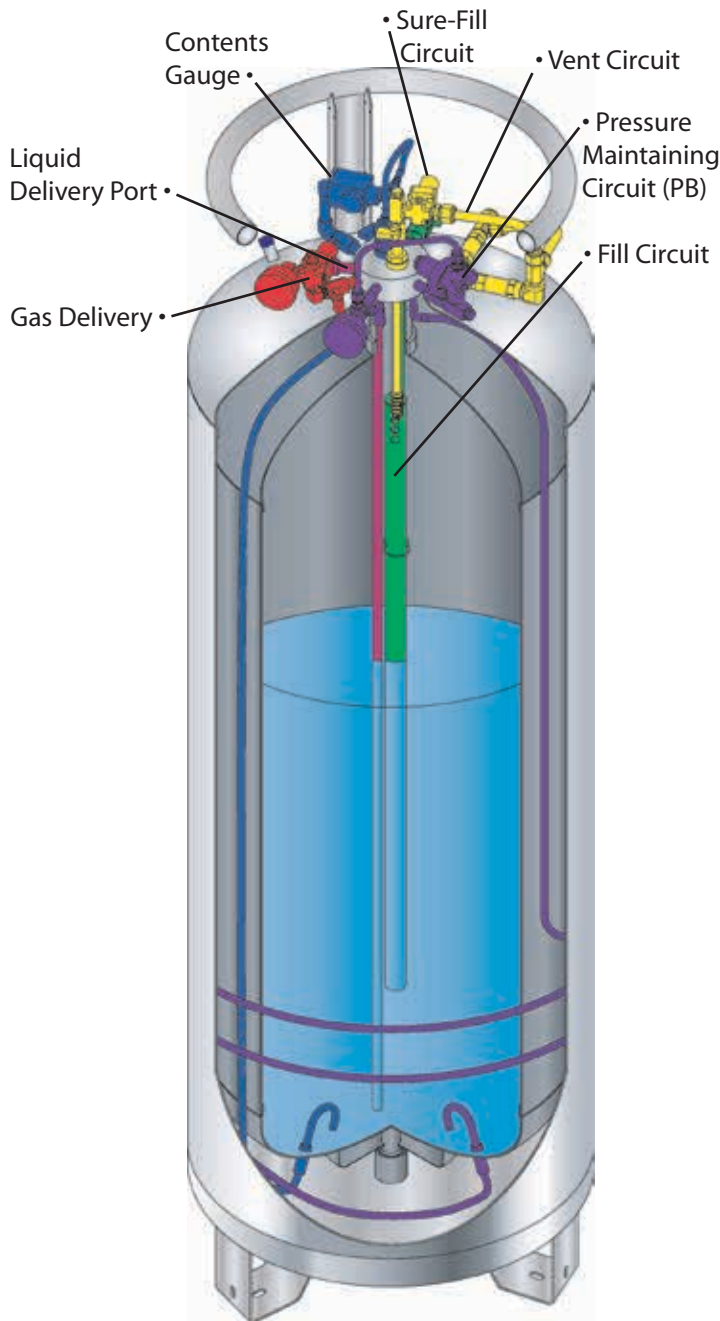
The Carbo-Mizer 450 bulk CO₂ system is an affordable alternative to high-pressure cylinders. This system offers flow rates that meet the demands of high-volume applications.

Each Chart Carbo Series vessel is equipped with a proprietary vacuum maintenance system to ensure optimized long-term performance. Unique to the market, this feature offers greater efficiency over longer periods of time.



CARBO-MIZER® 450

HIGH CAPACITY BULK CO₂



Product Advantages:

- Proprietary vacuum regeneration system for convenient, on-site maintenance
- Safe, low operating pressure
- Easy-to-read gauges for contents and tank pressure
- Efficient gas withdrawal system supplies CO₂ gas up to 10 pounds per hour (4.5 kg)
- Fully automated system requiring no electricity
- Optional 6" (15.2 cm) welded uni-body legs
- Optional collection ring ensures quality CO₂ gas delivery

SPECIFICATIONS

Dimensions

Diameter	20 in	50.8 cm
Height (with legs)α	71.875 in	162.6 cm
Empty Weight	273 lb	123.8 kg
Full Weight	750 lb	340.2 kg

Design criteria

Code	ASME*
MAWP	300 psig 20.7 bar
Insulation Type	SI †
Certifications*	

Capacity

Gross Volume	52 gal	196.8 ltr
Net Storage Volume	48 gal	182 ltr
Storage Capacity at 125 psig	477 lb	216.4 kg

Performance

Evaporation Rate §	2.5 lb/day	1.1 kg/day
CO ₂ Gas Delivery (Continuous)®	5.5 lb/hr	2.5 kg/hr
Peak Flow Rate‡	10 lb/hr	4.5 kg/hr

Components

ASME Relief Valve Setting	300 psig	20.7 bar
Secondary RV Setting	450 psig	31.0 bar
Gas Use Connection	1/4 in 45° Flare	
Fill Line Connection	5/8 in Male 45° Flare	
Vent Connection	1/2 in OD Tubing	

Construction

Inner Vessel Material	Stainless Steel
Outer Vessel Material	Stainless Steel
Liquid Level Gauge°	Differential Pressure

- α Height without legs, subtract 6 in
 * ASME Boiler and Pressure Vessel Design Section VIII, Div. I
 † Super Insulation/High Vacuum
 § No loss in normal applications
 ® 12 consecutive hours at room temperature
 ‡ Four consecutive hours at room temperature
 ° Float gauge available upon request
 * Meets NSF International Standards & European Union Regulation (EC) No 1935/2004

Your Local Representative



Chart Inc.
 U.S.: 1-800-247-4446
 Worldwide: 1-952-243-8800
 chartbeverage.com • chartparts.com