

CARBO-MIZER® 300

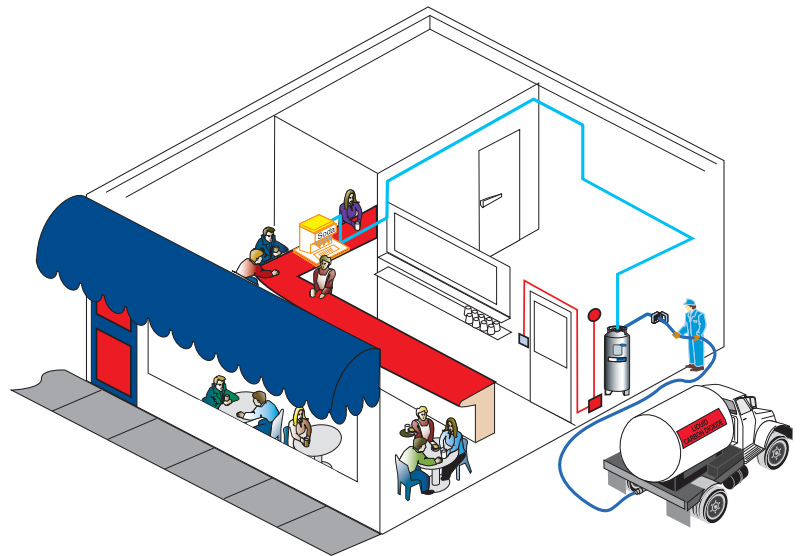
HIGH CAPACITY BULK CO₂

NSF

Bulk CO₂ Systems



• FAST FOOD • CONVENIENCE STORES • RESTAURANTS • BARS



Carbo-Mizer® 300

The Carbo-Mizer 300 bulk CO₂ system is an affordable alternative to high-pressure cylinders. This system is designed to meet the requirements of operations using less than 299 lb (135.6 kg) of CO₂ per month.

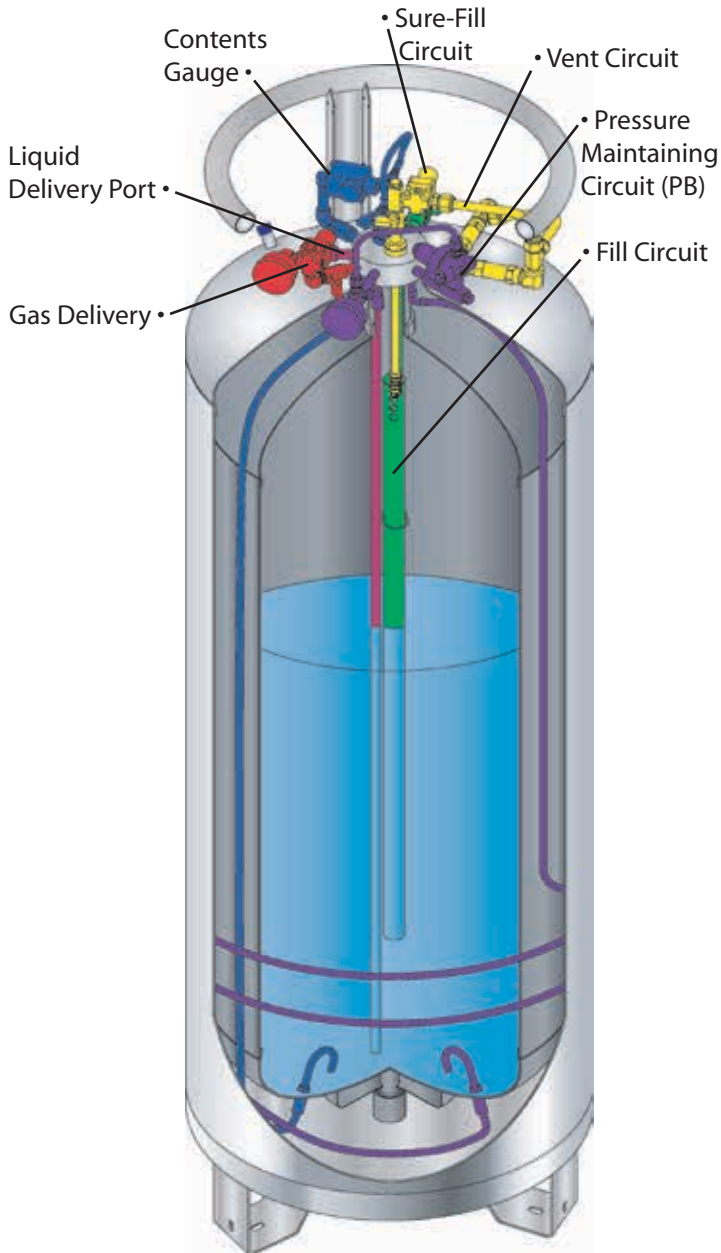
Each Chart Carbo Series vessel is equipped with a proprietary vacuum maintenance system to ensure optimized long-term performance. Unique to the market, this feature offers greater efficiency over longer periods of time.



Cooler By Design.®

CARBO-MIZER® 300

HIGH CAPACITY BULK CO₂



Product Advantages:

- Stainless steel, double-walled, vacuum insulated container
- Proprietary vacuum maintenance 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 in excess of 3 lb/hr (1.4 kg)
- Fully automated system requiring no electricity
- Optional 6" (15.2 cm) welded uni-body legs

SPECIFICATIONS

DIMENSIONS

Diameter	20 in	50.8 cm
Height (with legs) ^α	55.625 in	141.28 cm
Empty Weight	216 lb	98 kg
Full Weight	515 lb	233.6 kg

DESIGN CRITERIA

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

CAPACITY

Gross Volume	34.3 gal	129.8 ltr
Net Storage Volume	32 gal	121 ltr
Storage Capacity at 125 psig	299 lb	135.6 kg

PERFORMANCE

Evaporation Rate §	2.0 lb/day	.91 kg/day
CO ₂ Gas Delivery (Continuous) [®]	1.0 lb/hr	.5 kg/hr
Peak Flow Rate [‡]	3.0 lb/hr	1.4 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

Your Local Representative



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