

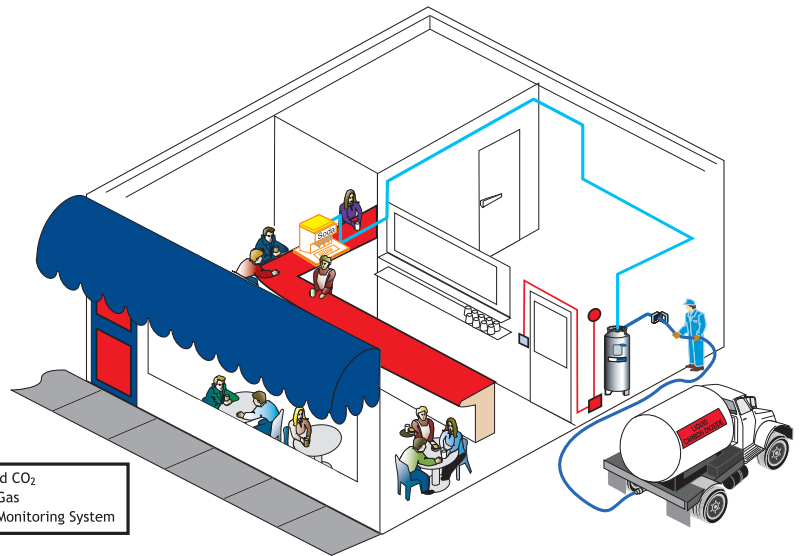
# CARBO-MIZER® 300

HIGH CAPACITY BULK CO<sub>2</sub>

## Bulk CO<sub>2</sub> Systems



• FAST FOOD • CONVENIENCE STORES • RESTAURANTS • BARS



### Carbo-Mizer® 300

The Carbo-Mizer 300 bulk CO<sub>2</sub> 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 CO<sub>2</sub> per month.

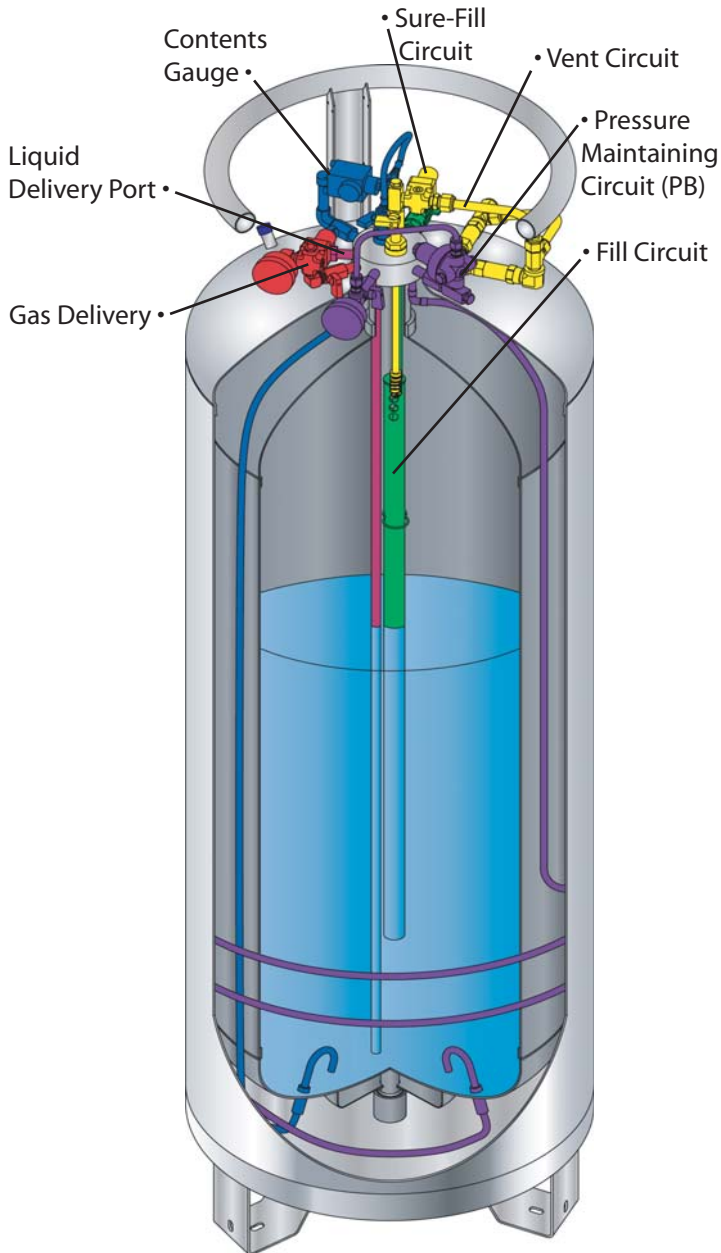
Each Chart Carbo Series vessel is equipped with a proprietary vacuum maintenance system to ensure optimized long-term performance. Unique to the market, this feature offers greater efficiency over longer periods of time.



Innovation. Experience. Performance.®

# CARBO-MIZER® 300

HIGH CAPACITY BULK CO<sub>2</sub>



## 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 CO<sub>2</sub> 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) <sup>⌘</sup>	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 †	

### 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 <sub>2</sub> Gas Delivery (Continuous) <sup>¶</sup>	1.0 lb/hr	.5 kg/hr
Peak Flow Rate <sup>‡</sup>	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 <sup>°</sup>	Differential Pressure

⌘ 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

## Your Local Representative



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