

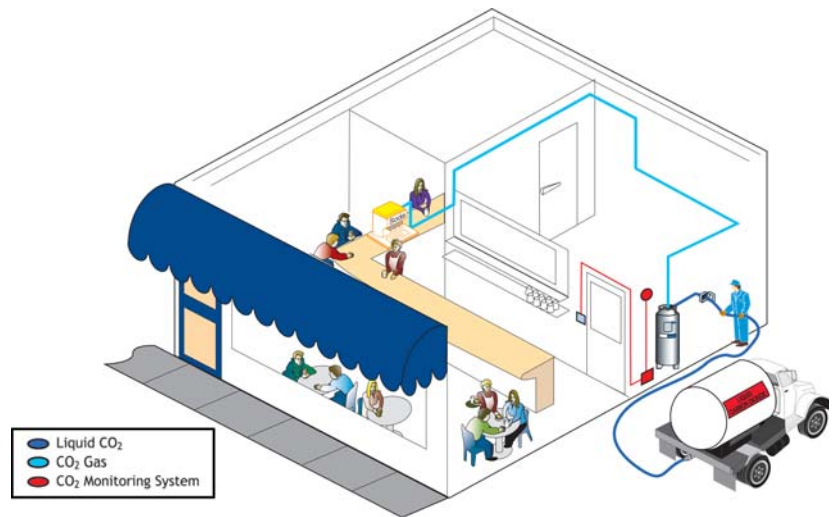
# CARBO-MIZER® 550

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

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



• FAST FOOD • CONVENIENCE STORES • RESTAURANTS • BARS



### Carbo-Mizer® 550

The Carbo-Mizer 550 bulk CO<sub>2</sub> system is an affordable alternative to high-pressure cylinders. This system offers flow rates that meet the demands of high-volume applications.

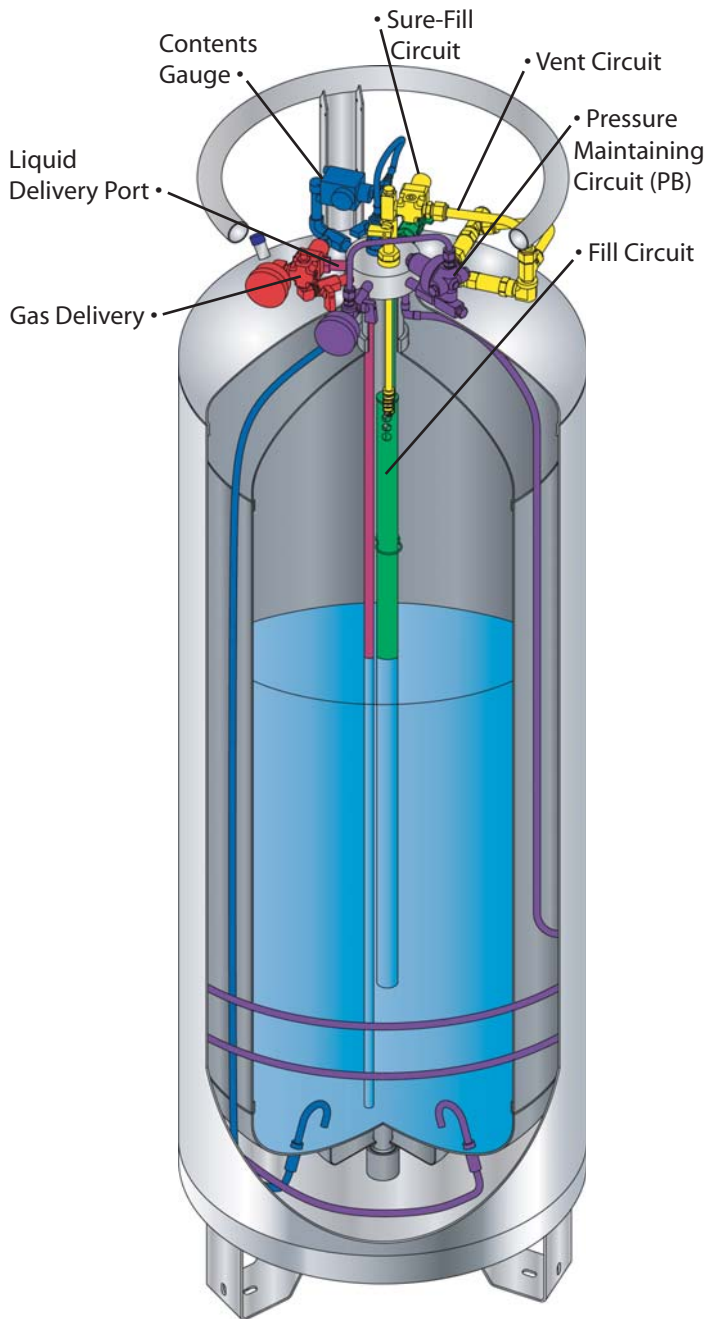
Each Chart Carbo Series vessel is equipped with a proprietary vacuum maintenance system to ensure optimized long-term performance. Unique to the market, this feature offers greater efficiency over longer periods of time.



Innovation. Experience. Performance.™

# CARBO-MIZER® 550

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



## Product Advantages:

- Proprietary vacuum regeneration system for convenient, on-site maintenance
- Safe, low operating pressure
- Easy-to-read gauges for contents and tank pressure
- Fully automated system requiring no electricity
- Optional 6" (15.2 cm) welded uni-body legs
- Efficient gas withdrawal system supplies CO<sub>2</sub> gas up to 10 lbs per hour

## SPECIFICATIONS

### Dimensions

Diameter	22 in	55.8 cm
Height (with legs)⌘	72.9 in	185.1 cm
Empty Weight	318 lb	144.3 kg
Full Weight	902 lb	409.1 kg

### Design Criteria

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

### Capacity

Gross Volume	65.1 gal	246.4 ltr
Net Storage Volume	62 gal	235 ltr
Storage Capacity at 125 psig	584 lb	264.9 kg

### Performance

Evaporation Rate §	2.5 lb/day	1.1 kg/day
CO <sub>2</sub> Gas Delivery (Continuous)®	6.5 lb/hr	2.9 kg/hr
Peak Flow Rate (gas use)‡	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

- ⌘ 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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