

# CARBO-MIZER® 750

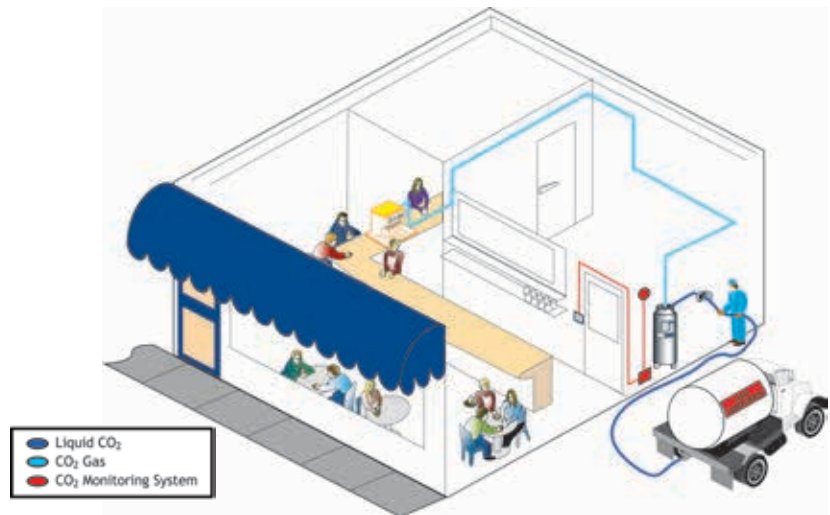
HIGH CAPACITY BULK CO<sub>2</sub>



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



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### Carbo-Mizer® 750

The Carbo-Mizer 750 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.

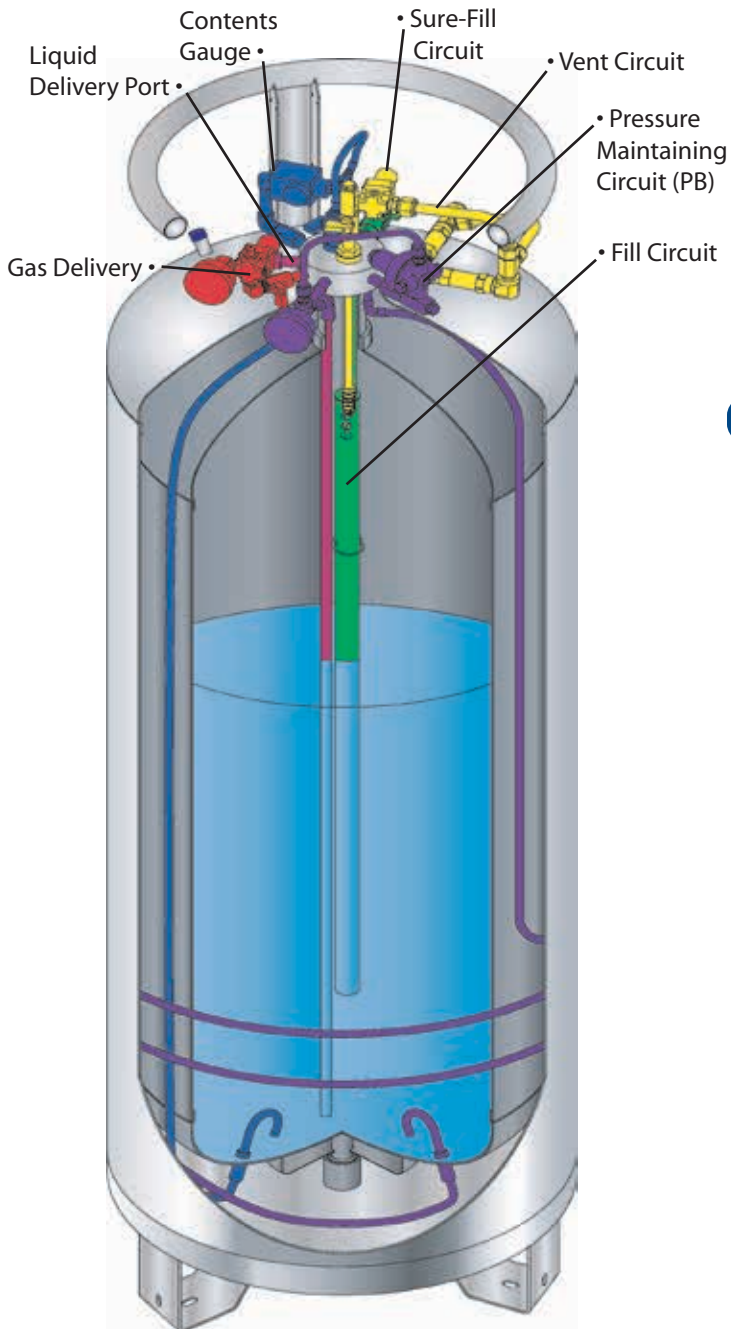
A unique feature of this vessel's construction is its liquid withdrawal port, making high flow liquid CO<sub>2</sub> readily available.



Cooler By Design.™

# CARBO-MIZER® 750

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



## Product Advantages:

- Stainless steel, double-walled, vacuum-insulated container
- Proprietary vacuum regeneration system for on-site maintenance
- Optional patented Sure-Fill system enables tank filling with no manual venting
- Stable 6" uni-body legs meet health department sanitation requirements
- Safe, low operating pressure
- Easy-to-read gauges for CO<sub>2</sub> contents and tank pressure
- Efficient gas withdrawal system supplies CO<sub>2</sub> gas up to 15 lbs per hour

## SPECIFICATIONS

### DIMENSIONS

Diameter	26 in	66 cm
Height (with legs) <sup>⌘</sup>	73.875 in	187.6 cm
Empty Weight	430 lb	195 kg
Full Weight	1219 lb	552.9 kg

### DESIGN CRITERIA

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

### CAPACITY

Gross Volume	89.1 gal	337.3 ltr
Net Storage Volume	82 gal	310 ltr
Storage Capacity at 125 psig	789 lb	357.9 kg

### PERFORMANCE

Evaporation Rate §	3.0 lb/day	1.4 kg/day
CO <sub>2</sub> Gas Delivery (Continuous) <sup>®</sup>	10 lb/hr	4.5 kg/hr
Peak Flow Rate (gas use) <sup>‡</sup>	15 lb/hr	6.8 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
Vaporizer Coil	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
- ★ Meets NSF International Standards & European Union Regulation (EC) No 1935/2004

## Your Local Representative



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