

# CARBO-MITE™ 220

LOW CAPACITY – HIGH THERMAL PERFORMANCE BULK CO<sub>2</sub>

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



• FAST FOOD • CONVENIENCE STORES • RESTAURANTS • BARS



### Carbo-Mite™ 220

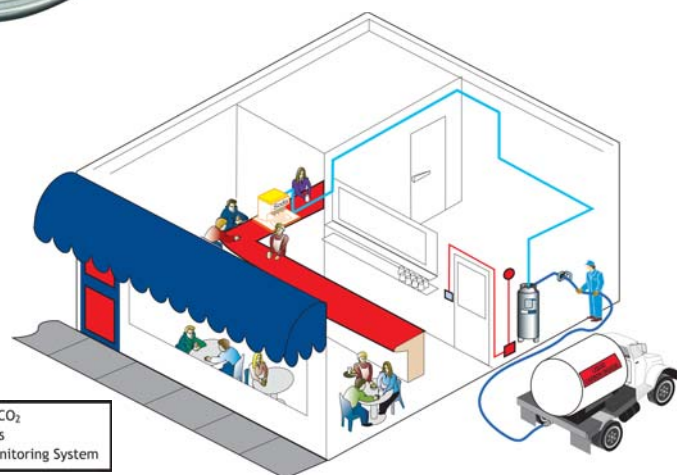
The Carbo-Mite 220 is a new generation bulk liquid CO<sub>2</sub> storage container designed for the small 20/50 lb. high-pressure cylinder user. The revolutionary design and construction of the Carbo-Mite provides all the benefits of bulk storage with no gas losses between refills up to six months apart.\*

\* Minimum account size CO<sub>2</sub> use: 1.0 lbs/day



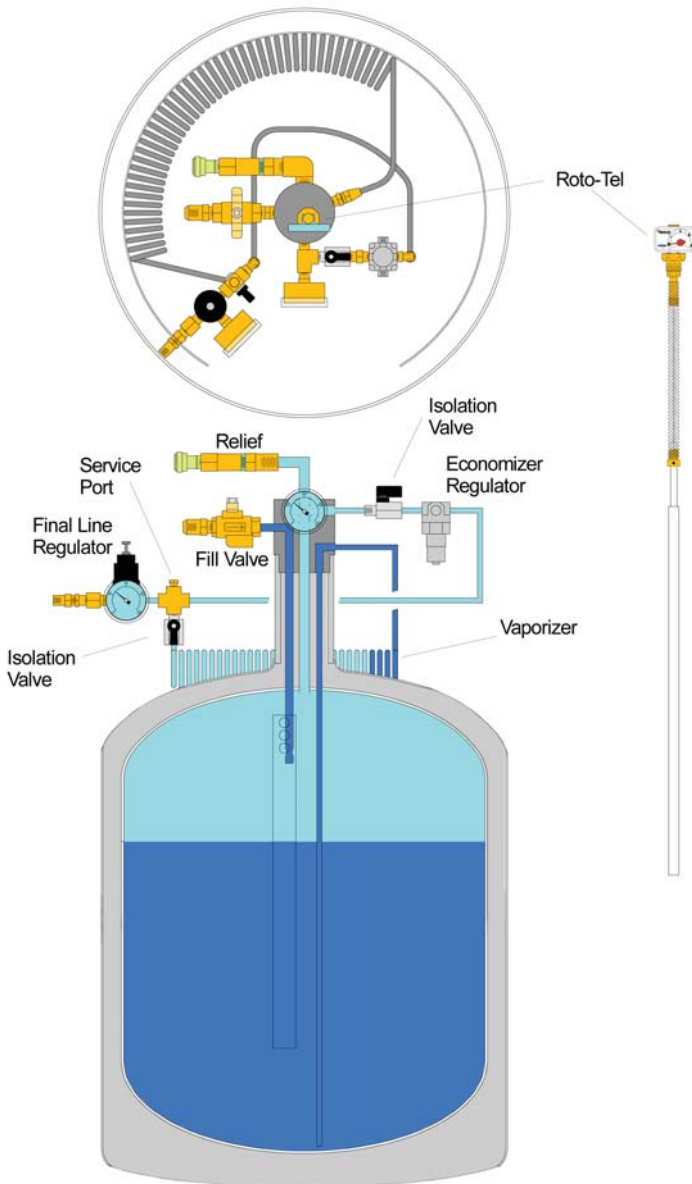
### PRODUCT ADVANTAGES

- Safe, low operating pressure
- Enhanced drink quality
- Added back room security
- Eliminate changing high-pressure cylinders
- Eliminate running out of CO<sub>2</sub> during peak rush periods.
- Peak flow rate: 1.5 lb/hr
- Indoor or outdoor installation



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## Product Highlights:

- Compact package reduces floor requirements
- Built in stainless steel external vaporization coil
- SS handling ring protects plumbing from stacked goods
- Roto-Tel™ – New generation accurate liquid level gauge, telemetry ready
- Economizer Regulator
- Harris Final Line Regulator
- Standard Fill Valve
- Manifolded primary and secondary safety valves with single vent connection
- Optional 6 inch legs meet sanitation requirements

## SPECIFICATIONS

### DIMENSIONS

Diameter	20 in	50.8 cm
Height (add 6" for legs)	40 in	101.6 cm
Empty Weight	156 lb	71 kg
Full Weight	377 lb	171 kg

### DESIGN CRITERIA

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

### CAPACITY

Gross Volume	27.4 gal	103.7 ltr
Net Storage Volume	25.5 gal	96.5 ltr
Storage Capacity @ 200 psig	221 lb	100.2 kg

### PERFORMANCE

Evaporation Rate §	1.0 lb/day	.45 kg/day
Gas Delivery @	1.0 lb/hr	.45 kg/hr
Peak Flow Rate ‡	1.5 lb/hr	.68 kg/hr

### COMPONENTS

ASME Relief Valve Setting	300 psig	20.7 barg
Gas Use Connection	1/4 in x 45° Flare	
Fill Line Connection	5/8 in x 45° Flare	
Relief Valve Vent Connection	1/2 in OD Tubing	

### CONSTRUCTION

Inner Vessel Material	Stainless Steel
Outer Vessel Material	Stainless Steel
Liquid Level Gauge	Roto-Tel™ **

\* ASME Boiler and Pressure Vessel Design Section VIII, Div. I

† Super Insulation/High Vacuum

§ At 125 psig at room temperature, no loss in accounts at 1.0 lb/day minimum

@ 12 consecutive hours at room temperature

‡ Four consecutive hours at room temperature

\*\* Telemetry Ready

## Your Local Representative



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