

CARBO-MITE® 220

LOW CAPACITY – HIGH THERMAL PERFORMANCE BULK CO₂

Bulk CO₂ Systems



• FAST FOOD • CONVENIENCE STORES • RESTAURANTS • BARS



Carbo-Mite® 220

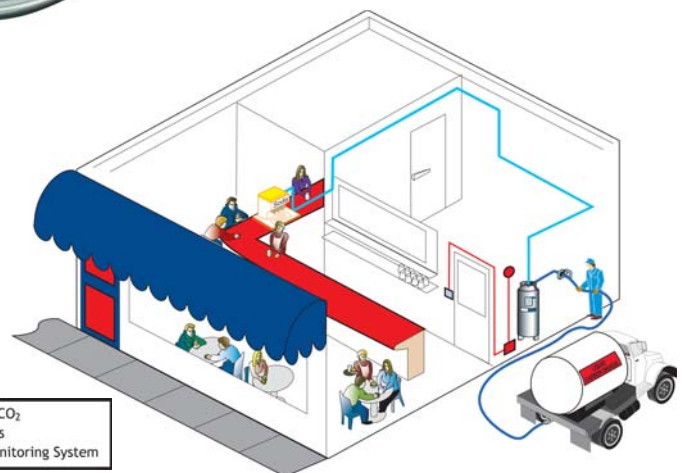
The Carbo-Mite 220 is a new generation bulk liquid CO₂ storage container designed for the small 20/50 lb. high-pressure cylinder user. The revolutionary design and construction of the Carbo-Mite provides all the benefits of bulk storage with no gas losses between refills up to six months apart.*

* Minimum account size CO₂ use: 1.0 lbs/day



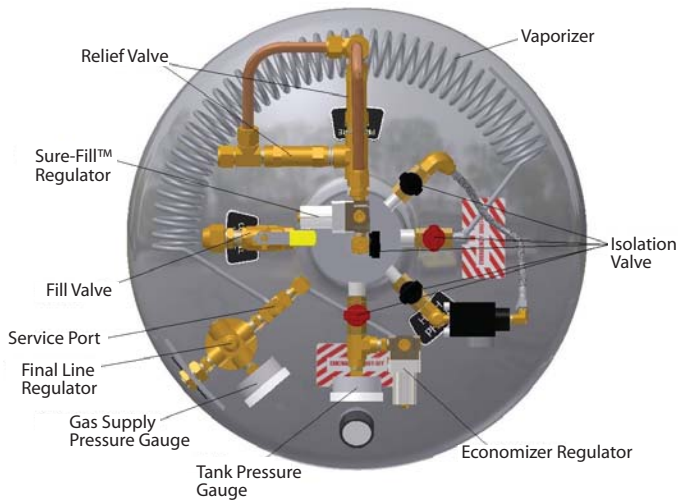
PRODUCT ADVANTAGES

- Safe, low operating pressure
- Enhanced drink quality
- Added back room security
- Eliminate changing high-pressure cylinders
- Eliminate running out of CO₂ 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 (Option), telemetry ready
- Differential Pressure Gauge – Accurate liquid level gauge (Option)
- Economizer Regulator
- Harris Final Line Regulator
- Standard Fill Valve
- Manifolder 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™ ** / Diff. Press.

* 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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