**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
CARBO-MITE™ 220
LOW CAPACITY – HIGH THERMAL PERFORMANCE BULK CO₂

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

©2011 Chart Inc.
P/N 15076585