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-Te{l}™ – 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
- 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 †
- Certifications:

**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-Te{l}™ ** / Diff. Press.

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[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]
[Meets NSF International Standards]