Carbo-Mizer® 550

The Carbo-Mizer 550 bulk CO₂ 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.
**SPECIFICATIONS**

**Dimensions**
- Diameter: 22 in (55.8 cm)
- Height (with legs): 72.9 in (185.1 cm)
- Empty Weight: 318 lb (144.3 kg)
- Full Weight: 902 lb (409.1 kg)

**Design Criteria**
- Code: ASME*
- MAWP: 300 psig (20.7 bar)
- Insulation Type: SI †

**Capacity**
- Gross Volume: 65.1 gal (246.4 ltr)
- Net Storage Volume: 62 gal (235 ltr)
- Storage Capacity at 125 psig: 584 lb (264.9 kg)

**Performance**
- Evaporation Rate §: 2.5 lb/day (1.1 kg/day)
- CO₂ Gas Delivery (Continuous)°: 6.5 lb/hr (2.9 kg/hr)
- Peak Flow Rate (gas use)‡: 10 lb/hr (4.5 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
- Liquid Level Gauge*: Differential Pressure

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**Product Advantages:**
- Proprietary vacuum regeneration system for convenient, on-site maintenance
- Safe, low operating pressure
- Easy-to-read gauges for contents and tank pressure
- Fully automated system requiring no electricity
- Optional 6” (15.2 cm) welded uni-body legs
- Efficient gas withdrawal system supplies CO₂ gas up to 10 lbs per hour

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