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.
CARBO-MIZER® 550
HIGH CAPACITY BULK CO₂

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

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 †
- Certifications: EC No. 1935/2004

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

* Height without legs, subtract 6 in
† Super Insulation/High Vacuum
§ No loss in normal applications
¶ 12 consecutive hours at room temperature
† Four consecutive hours at room temperature
° Float gauge available upon request

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