

# CARBO-MAX® 1000 HIGH FLOW

HIGH CAPACITY – HIGH FLOW BULK CO<sub>2</sub>



## Bulk CO<sub>2</sub> Systems



• CINEPLEXES • SWIMMING POOLS • STADIUMS • MICROBREWRIES



### Carbo-Max® 1000

The Carbo-Max 1000 High Flow system is an innovative bulk CO<sub>2</sub> system that meets the demands of high volume customers. A first in the beverage market, the Carbo-Max 1000 High Flow system offers the capacity and flow rates necessary for high volume users such as: stadiums, brew pubs, cineplexes and microbreweries.

Tanks placed in corrosive environments should use Chart's Pool Coat system to protect the stainless steel from damage. The coating is specifically designed for resistance to pool treatment chemicals, acids, chlorine and salt spray. The coating consists of a primer and powder coat system that will provide longer tank life in these aggressive environments. Uncoated stainless steel tanks should not be used in these applications.



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## Product Advantages:

- Internal vaporization coils with continuous flow rates up to 30 lbs/hr
- 30" diameter x 72" height allows tank to fit through standard doorways
- Internal pressure build coil
- Pallet jack compatible base
- 1000 lbs of CO<sub>2</sub> storage capacity
- Differential Pressure liquid level gauge
- Standard tank includes Sure-Fill system

## SPECIFICATIONS

### DIMENSIONS

Diameter	30 in	76.2 cm
Height	72.5 in	184.2 cm
Empty Weight	788 lb	357.4 kg
Full Weight	1788 lb	811.0 kg

### DESIGN CRITERIA

Code	ASME*	
MAWP	300 psig	20.7 bar
Insulation Type	SI †	
Certifications *	NSF	

### CAPACITY

Gross Volume	128.2 gal	485.3 ltr
Net Storage Volume	118 gal	446.6 ltr
Storage Capacity at 125 psig	1000 lb	453.6 kg

### PERFORMANCE

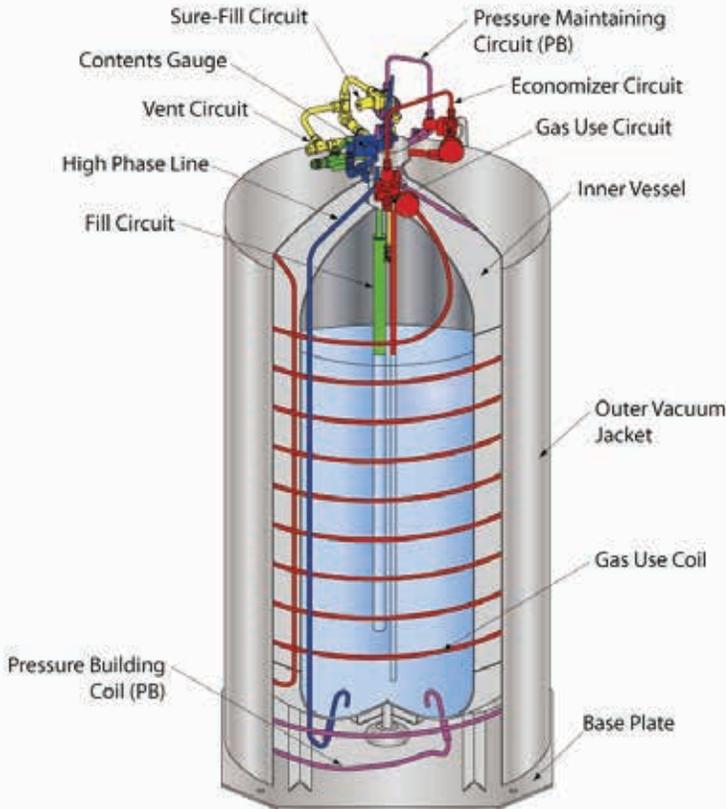
Evaporation Rate §	3.0 lb/day	1.4 kg/day
CO <sub>2</sub> Gas Delivery (Continuous) <sup>®</sup>	30.0 lb/hr	13.6 kg/hr
Peak flow rate <sup>®</sup>	50.0 lb/hr	22.7 kg/hr

### COMPONENTS

ASME Relief Valve Setting	300 psig	20.7 bar
Secondary RV Setting	450 psig	31.0 bar
Sure-Fill RV Setting	200 psig	13.8 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
Vaporizer Coil	Stainless Steel
Liquid Level Gauge <sup>°</sup>	Differential Pressure



- \* ASME Boiler and Pressure Vessel Design Section VIII, Div. I
- † Super Insulation/High Vacuum
- § No loss in normal applications
- ® 12 consecutive hours at room temperature
- ° Float gauge available upon request
- \* Meets NSF International Standards

## Your Local Representative



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