

# CARBO-MAX 1000 HIGH FLOW

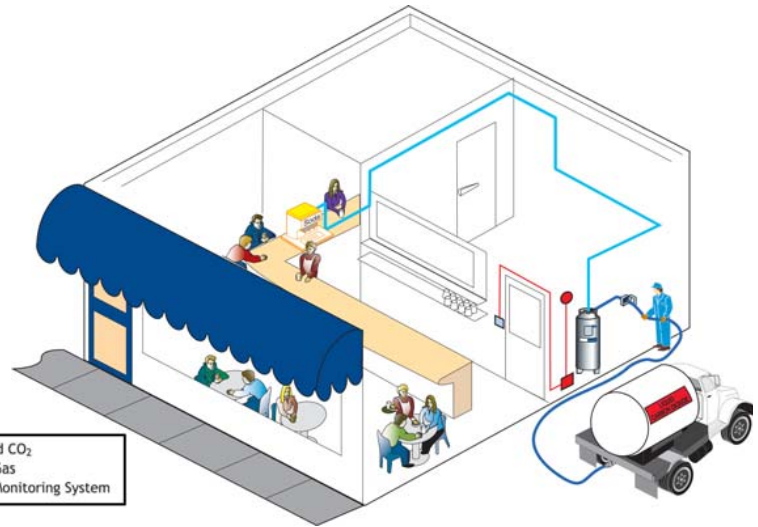
HIGH CAPACITY – HIGH FLOW BULK CO<sub>2</sub>

# MVE

## Beverage Systems



•CINEPLEXES•SWIMMING POOLS•STADIUMS•MICROBREWRIES



### Carbo-Max 1000

The MVE 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.

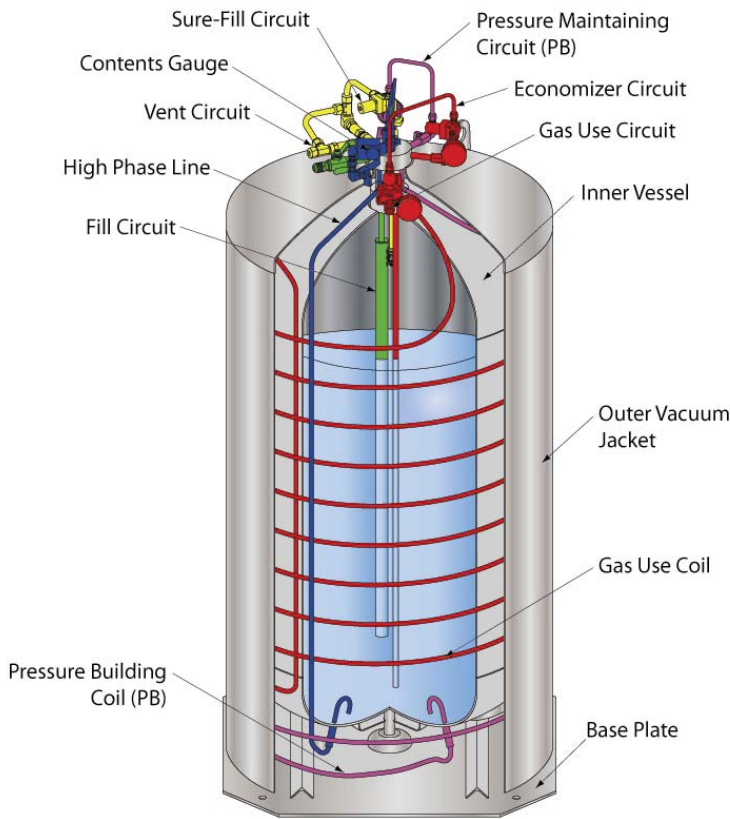
Corrosion Resistant Coating can be an important addition to your MVE Beverage System in certain regions of the country or in specific applications (e.g. - swimming pools). The MVE Beverage coating system consists of one coat of primer and two coats of quick dry enamel with Xylene reducer on sandblast-finished stainless steel.



# CryoGas

# CARBO-MAX 1000 HIGH FLOW

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



### 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 †	

#### CAPACITY

Gross Volume	89.1 gal	337.4 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

Your Local Representative

# CryoGas

Dan Lovelace • danl@CryoGasco2.com • (314) 655-0077  
www.cryogasco2.com



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Chart Inc.  
U.S.: 1-800-400-4683  
Worldwide: 1-952-758-4484  
www.chartindustries.com

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