

CARBO-MAX® 750 HIGH FLOW

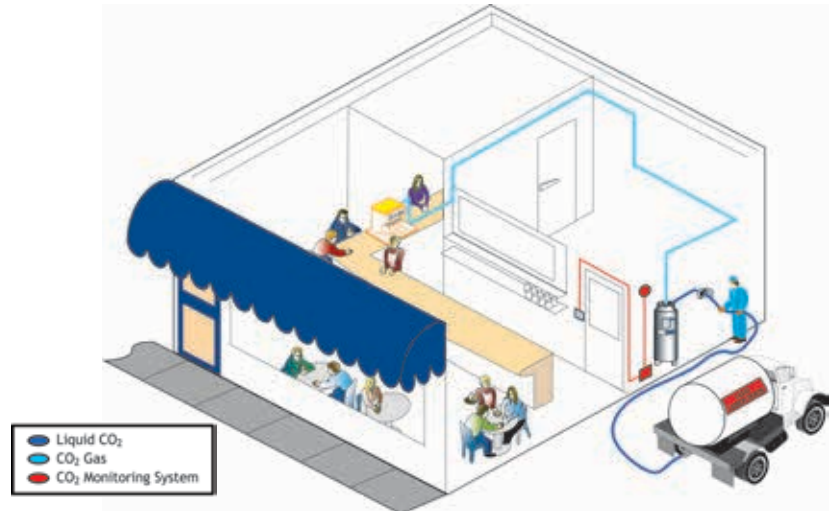
HIGH CAPACITY – HIGH FLOW BULK CO₂



Bulk CO₂ Systems



•CINEPLEXES•SWIMMING POOLS•STADIUMS•MICROBREWRIES



Carbo-Max® 750

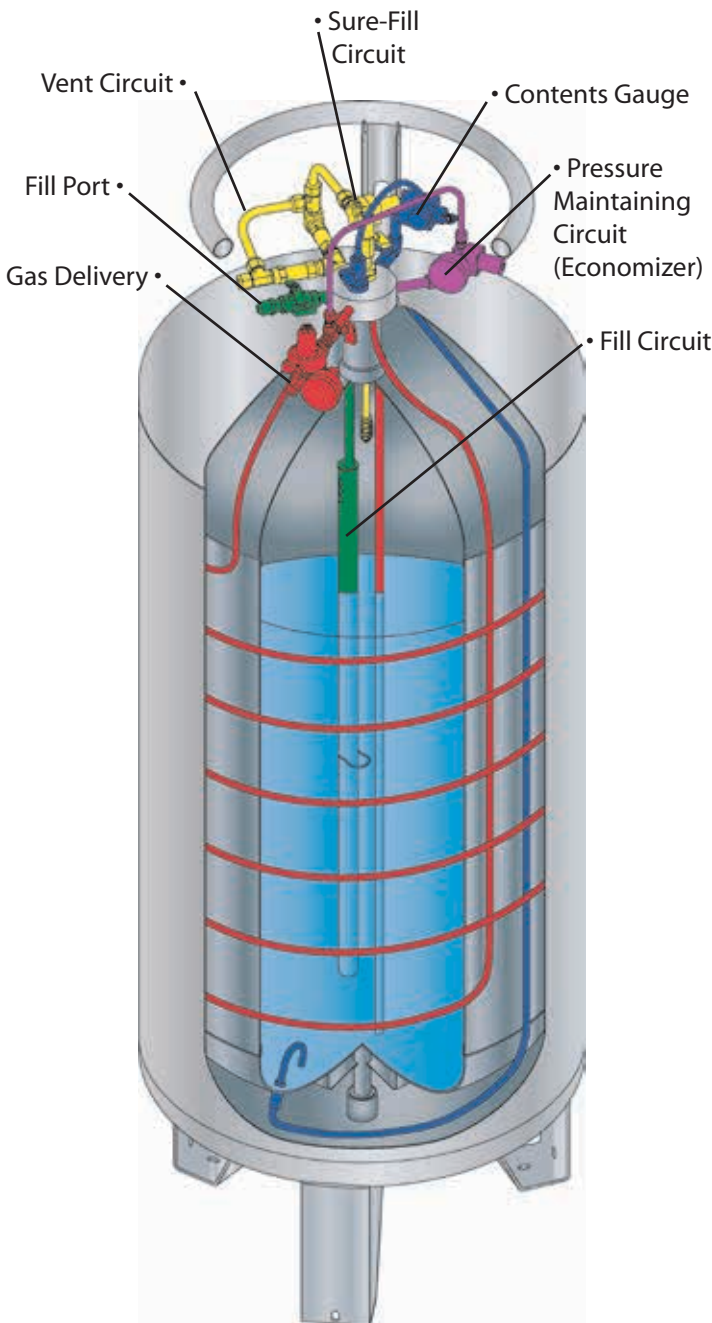
The Carbo-Max 750 High Flow system is an innovative bulk CO₂ system that meets the demands of high volume customers. A first in the beverage market, the Carbo-Max 750 High Flow system offers the capacity and flow rates necessary for high volume users such as: stadiums, brew pubs, cineplexes and microbreweries.

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.



CARBO-MAX[®] 750 HIGH FLOW

HIGH CAPACITY – HIGH FLOW BULK CO₂



Product Advantages:

- Stainless steel, double-walled, vacuum-insulated container
- Proprietary vacuum regeneration system for on-site maintenance
- Optional patented Sure-Fill system enables tank filling with no manual venting
- Stable 6" uni-body legs meet health department sanitation requirements
- Safe, low operating pressure
- Easy-to-read gauges for CO₂ contents and tank pressure
- CO₂ liquid withdrawal system with built in vaporization coil allows for higher maximum flow rates up to 40 lbs per hr

SPECIFICATIONS

DIMENSIONS

Diameter	26 in	66 cm
Height (with legs) [¤]	73.875 in	187.6 cm
Empty Weight	430 lb	195 kg
Full Weight	1219 lb	552.9 kg

DESIGN CRITERIA

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

CAPACITY

Gross Volume	89.1 gal	337.3 ltr
Net Storage Volume	82 gal	311 ltr
Storage Capacity at 125 psig	789 lb	357.9 kg

PERFORMANCE

Evaporation Rate §	3.0 lb/day	1.4 kg/day
CO ₂ Gas Delivery (Continuous) [¶]	15.0 lb/hr	6.8 kg/hr
Peak flow rate [^]	40.0 lb/hr	18.1 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
Vaporizer Coil	Stainless Steel
Liquid Level Gauge [°]	Differential Pressure

- [¤] Height without legs, subtract 6 in
^{*} 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
[‡] Four consecutive hours at room temperature
[^] Can achieve flows up to 40 lb/hr, for 12 hours continuous use. At these higher flow rates, gas supply temperatures from the tank will be lower than freezing (32°F). Additional external vaporization should be added to achieve gas temperatures above freezing (32°F).
[°] Float gauge available upon request
^{*} Meets NSF International Standards & European Union Regulation (EC) No 1935/2004

Your Local Representative



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