

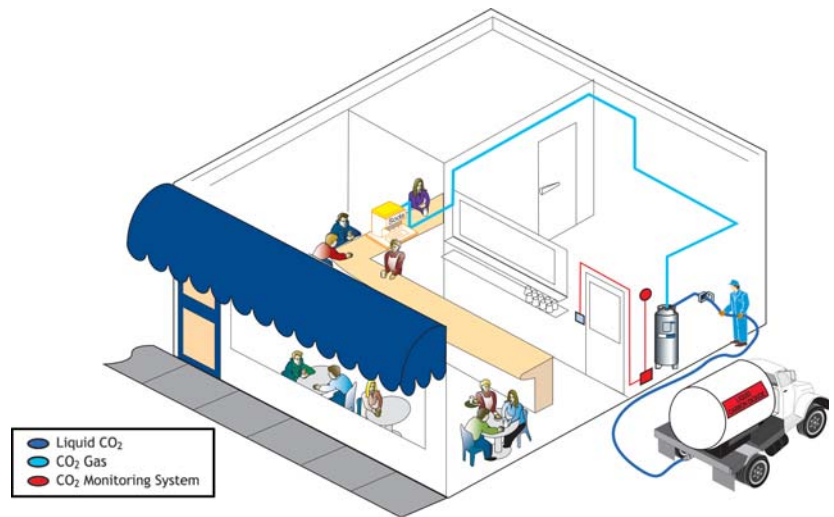
CARBO-MAX® 750 HIGH FLOW

HIGH CAPACITY – HIGH FLOW BULK CO₂

Bulk CO₂ Systems



•CINEPLEXES•SWIMMING POOLS•STADIUMS•MICROBREWRIES



- Liquid CO₂
- CO₂ Gas
- CO₂ Monitoring System

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.

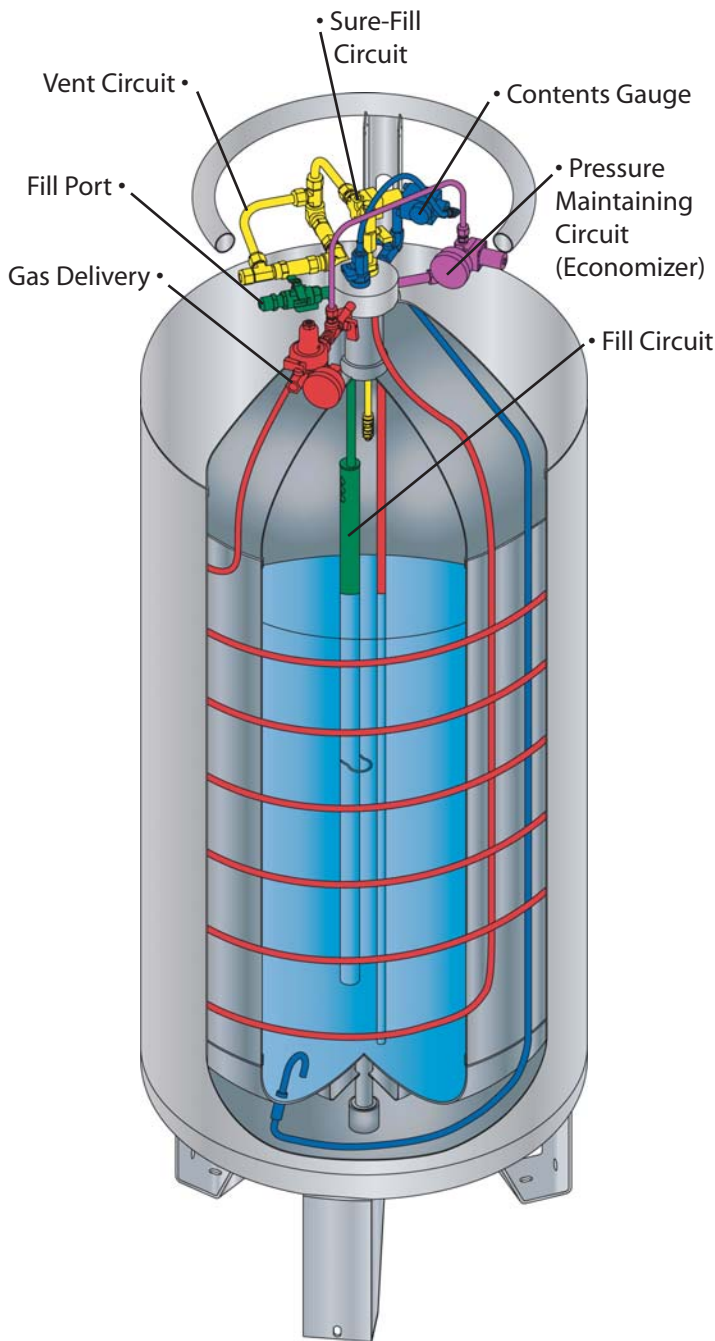
Corrosion Resistant Coating can be an important addition to your Chart Beverage System in certain regions of the country or in specific applications (e.g. - swimming pools). The Chart Beverage coating system consists of one coat of primer and two coats of quick dry enamel with Xylene reducer on sandblast-finished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



Innovation. Experience. Performance.™

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 †	

CAPACITY

Gross Volume	89.1 gal	337.4 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

Your Local Representative



©2013 Chart Inc.

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

P/N 12889433