

CARBO-MAX 750 HIGH FLOW

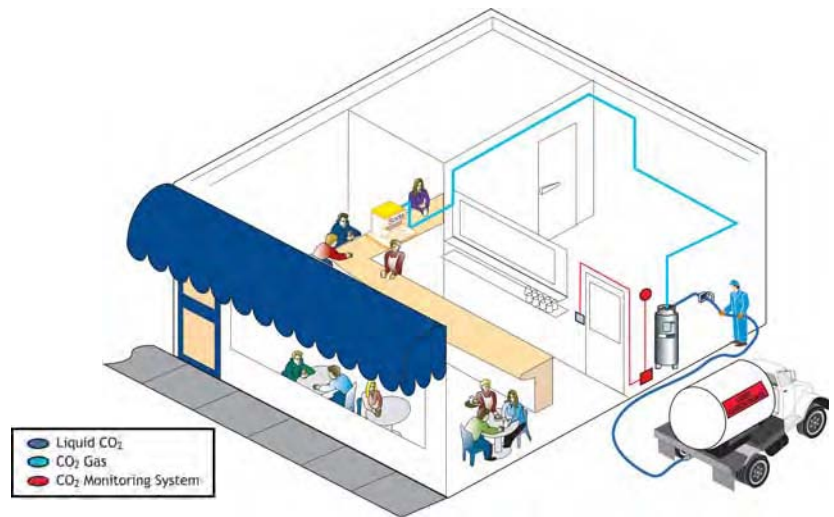
HIGH CAPACITY – HIGH FLOW BULK CO₂

MVE

Beverage Systems



•CINEPLEXES•SWIMMING POOLS•STADIUMS•MICROBREWRIES



Carbo-Max 750

The MVE 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.

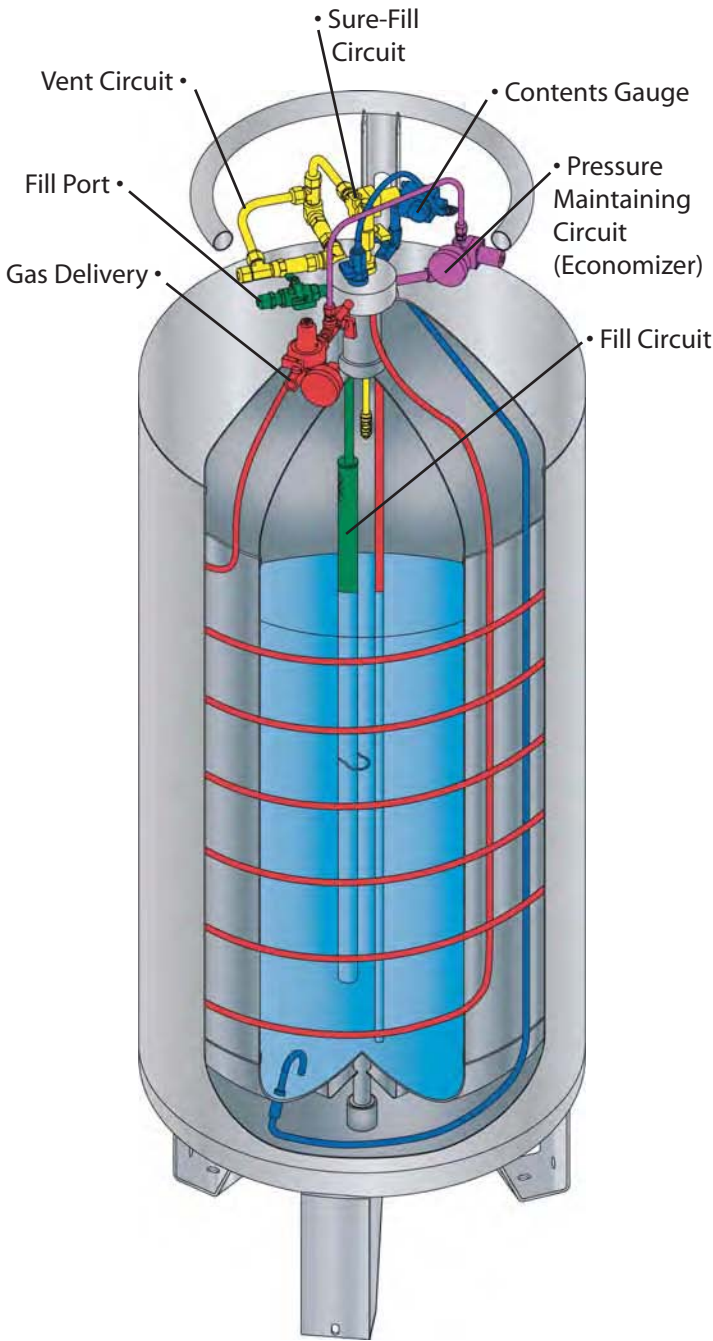
Corrosion Resistant Coating can be an important addition to your MVE Beverage System in certain regions of the country or in specific applications (e.g. - swimming pools). The MVE Beverage coating system consists of one coat of primer and two coats of quick dry enamel with Xylene reducer on sandblast-finished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



Innovation. Experience. Performance.™

CARBO-MAX 750 HIGH FLOW

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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 18 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 [‡]	18 lb/hr	8.2 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
- ° Float gauge available upon request

Your Local Representative



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