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.
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
CO₂ 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 45º Flare
Fill Line Connection 5/8 in Male 45º 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 § Float gauge available upon request

Your Local Representative

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* 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

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