

CARBO-MIZER® 750

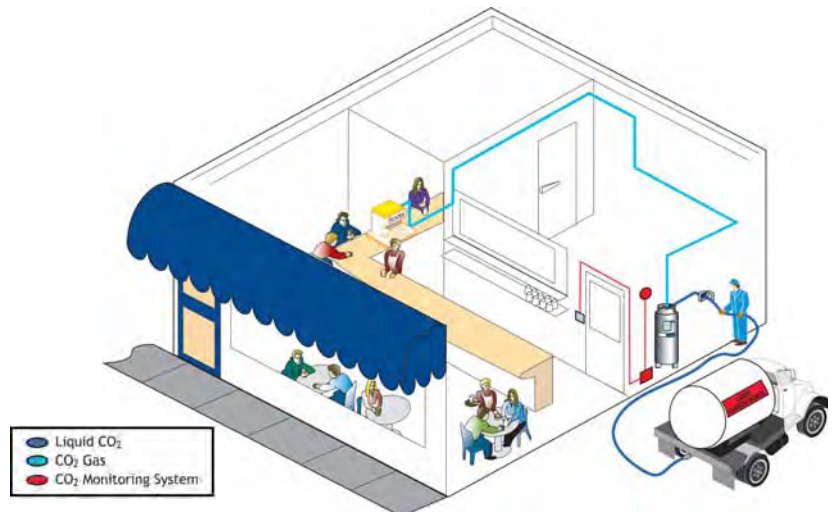
HIGH CAPACITY - HIGH FLOW BULK CO₂

MVE

Beverage Systems



• CINEPLEXES • CONCESSION STANDS • RESTAURANTS • BARS



Carbo-Mizer® 750

The MVE Carbo-Mizer 750 bulk CO₂ system is an affordable alternative to high-pressure cylinders. This system offers flow rates that meet the demands of high-volume applications.

Each MVE Carbo-Series vessel is equipped with a proprietary vacuum maintenance system to ensure optimized long-term performance. Unique to the market, this feature offers greater efficiency over longer periods of time.

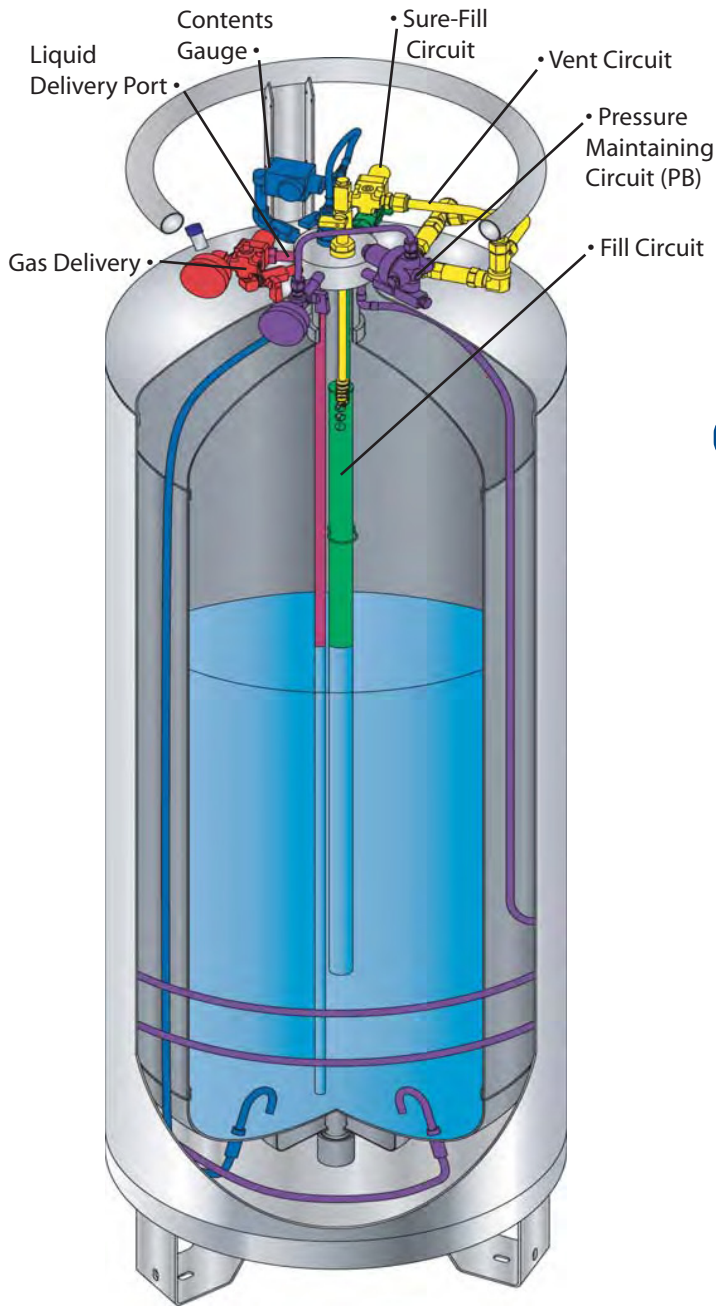
A unique feature of this vessel's construction is its liquid withdrawal port, making high flow liquid CO₂ readily available.



Innovation. Experience. Performance.®

CARBO-MIZER® 750

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
- Efficient gas withdrawal system supplies CO₂ gas up to 15 lbs per hour

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	337.3 ltr
Net Storage Volume	82 gal	310 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) [®]	10 lb/hr	4.5 kg/hr
Peak Flow Rate (gas use) [‡]	15 lb/hr	6.8 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

CryoGas

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