CARBO-MAX® 600 HIGH FLOW

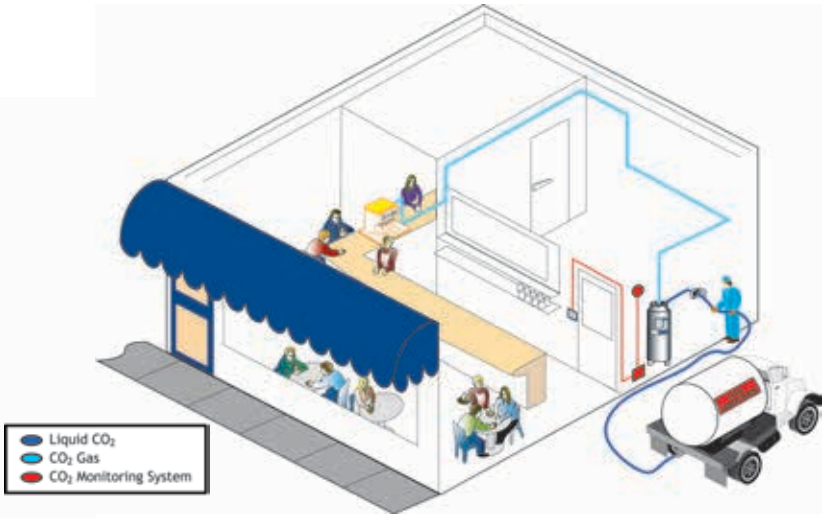
HIGH CAPACITY – HIGH FLOW BULK CO_2

EC No. 1935/2004

Bulk CO_2 Systems



• CINEPLEXES • SWIMMING POOLS • STADIUMS • MICROBREWERIES



Carbo-Max® 600

The Carbo-Max 600 High Flow system is a proven bulk CO_2 system that meets the demands of high volume customers. The Carbo-Max 600 system offers the high capacity direct gas vaporization system, found in the Carbo-Max 750 but in a smaller footprint. It is well suited for high volume users such as: stadiums, brew pubs, cineplexes, small microbreweries and high volume restaurants with peak surges.

The Carbo-Max 600 system can also come with Chart's pool coat system for use in corrosive environments. The coating is specifically designed for resistance to pool treatment chemicals, and protects the stainless steel from acids, chlorine and salt spray. Uncoated stainless steel tanks should not be used in these applications.

CHART®

Cooler By Design.®

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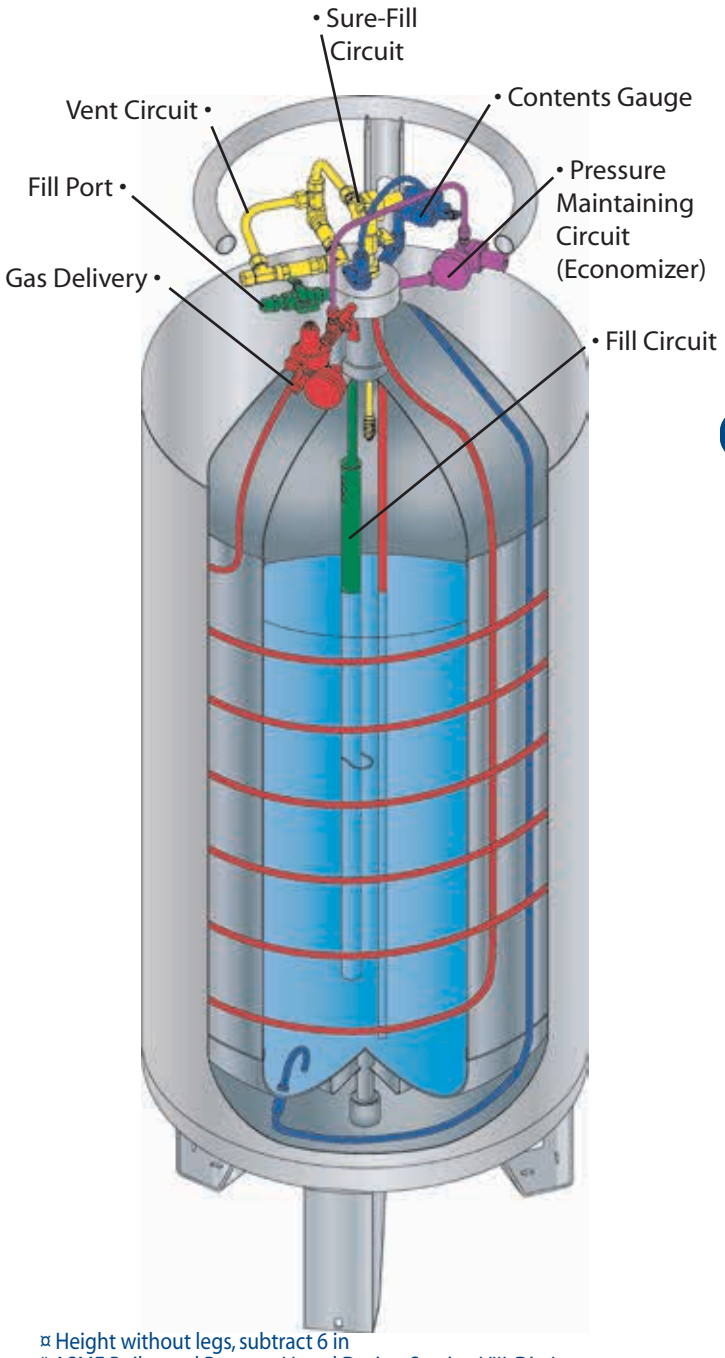

Product Advantages:

- 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 CO_2 contents and tank pressure
- CO_2 liquid withdrawal system with built in vaporization coil allows for higher maximum flow rates up to 40 lbs per hr

SPECIFICATIONS

DIMENSIONS		
Diameter	22 in	55.8 cm
Height (with legs)¤	75.938 in	192.9 cm
Empty Weight	323 lb	146 kg
Full Weight	936 lb	424.5 kg
DESIGN CRITERIA		
Code	ASME*	
MAWP	300 psig	20.7 bar
Insulation Type	SI †	
Certifications★		
CAPACITY		
Gross Volume	70.2 gal	265.7 ltr
Net Storage Volume	65 gal	246 ltr
Storage Capacity at 125 psig	612 lb	277.6 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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