



NSF Food Equipment and European Union Regulation Certifications

Chart's entire line of Carbo Series beverage CO₂ tanks have been certified to meet NSF International (NSF) standards. Now, we are proud to announce Carbo Series beverage tanks, Carbo-Mizer® models of 450, 550, 750 and the Carbo-Max® models of 600 and 750HF, are certified with the European Union Regulation (EC) No. 1935/2004. The NSF and European Union certifications support growing global food safety initiatives within the beverage industry.

NSF has been established for more than 70 years and is an accredited, independent third-party certification body that tests and certifies products to verify they meet their public health and safety standards. It serves more than 170 countries worldwide. The European Union Regulation (EC) No 1935/2004 of the European Parliament and of the Council of October 27, 2004, protects human health by regulating substance quantities of materials and articles that directly or indirectly come into contact with food.

The Carbo-Mizer®, Carbo-Max® and Carbo-Mite® family of Bulk CO₂ Systems now meet higher food grade standards and proudly bear the NSF label on the tanks.

The NSF label provides:

- Third party certification that the products meet recognized food safety standards
- Documented compliance through random manufacturing facility audits
- Standardized NSF grade components on food contact surfaces
- Global recognition by regulatory and public health authorities
- Compliance with other industry food safety guidelines such as the Compressed Gas Association (CGA) documents

The upgraded Carbo Series tanks also include:

- Instrument grade isolation valves, rated for a 10,000 cycle life
- Telemetry ready, optional liquid level gauges
- 7 year vacuum warranty



EC No. 1935/2004

ChartBeverage.com
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CHART
Cooler By Design.®

BEVERAGE SYSTEMS

NSF & EUROPEAN UNION CERTIFIED BULK CO₂ TANKS

The Carbo Series Systems

Serving a variety of markets and usage requirements, Carbo Series bulk CO₂ systems meet the unique demands of every customer.

Convenience

Eliminate cylinder change-outs — especially during peak times

Quality

Eliminate serving flat drinks

Safety

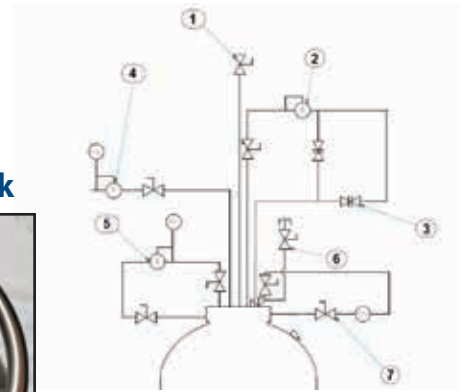
Provides safer gas management

Savings

One single source for all your gas needs



NSF Top View of Tank



Item	Description
1	Fill/Liquid Circuit
2	Surefill Circuit
3	Pressure Relief Circuit
4	Gas Use Circuit
5	Pressure Building Circuit
6	Liquid Withdrawal Circuit
7	Liquid Level Circuit

SPECIFICATIONS	Mite 220	Mizer 300	Mizer 450	Mizer 550	Max 600	Mizer 750	Max 750 HF	Max 1000 HF
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Dimensions

Diameter	20 in	20 in	20 in	22 in	22 in	26 in	26 in	30 in
Height (with legs)§	46 in	55.625 in	71.875 in	72.9 in	75.938 in	73.875 in	73.875 in	72.5 in (no legs)

Design criteria

Code *	ASME	ASME	ASME	ASME	ASME	ASME	ASME	ASME
MAWP	300 psig	300 psig	300 psig	300 psig	300 psig	300 psig	300 psig	300 psig
Insulation Type †	SI	SI	SI	SI	SI	SI	SI	SI
Certifications *								

Capacity

Net Volume	25.5 gal	32 gal	48 gal	62 gal	65 gal	82 gal	82 gal	118 gal
Storage Capacity @ 125 psig	221 lb	299 lb	477 lb	584 lb	612 lb	789 lb	789 lb	1000 lb

Performance

Minimum Usage Δ	1.0 lb/day	2.0 lb/day	2.5 lb/day	2.5 lb/day	3.0 lb/day	3.0 lb/day	3.0 lb/day	3.0 lb/day
CO ₂ Gas Delivery @	1.0 lb/hr	1.0 lb/hr	5.5 lb/hr	6.5 lb/hr	15 lb/hr	10 lb/hr	15 lb/hr	30 lb/hr
Peak Flow Rate §	1.5 lb/hr	3.0 lb/hr	10 lb/hr	10 lb/hr	40 lb/hr	15 lb/hr	40 lb/hr [^]	50 lb/hr [@]

§ Height without legs, subtract 6 in, @ Continuous for 12 consecutive hours at room temperature, ^ Can achieve flows up to 40 lb/hr, for 12 consecutive 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). * ASME Boiler and Pressure Vessel Design Section VIII, Div. 1, † Super Insulation/High Vacuum, § Four consecutive hours at room temperature, Δ No Venting. No loss in normal applications. * NSF International Standards and/or European Union Regulation (EC) No 1935/2004.

Your Local Representative



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