

Chart is the world's leading manufacturer of bulk CO₂ systems for the carbonated beverage market. Serving a variety of usage requirements, the bulk CO₂ Carbo Series systems meet the unique needs of every customer and application.

The Carbo Series systems provide these benefits:

Convenience

Eliminate high-pressure cylinder change-outs and gas outages during peak rush periods. Enable a better use of employees and storage space.

Quality

Uninterrupted flow of CO₂ eliminates flat drinks and ensures proper drink calibration. Perfect soda dispensing presentation increases customer satisfaction and eliminates complaints of poor taste and flat beverages.

Safety

Gas stored at low operating pressure, plus zero cylinder handling, reduces job-related injuries.

Savings

Save on labor, lost residual gas and operational costs associated with the high cost of high-pressure cylinders.



Authorized Dealer



Innovation. Experience. Performance.®

www.chartindustries.com
www.chartbeverage.com

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Bulk CO₂ Systems



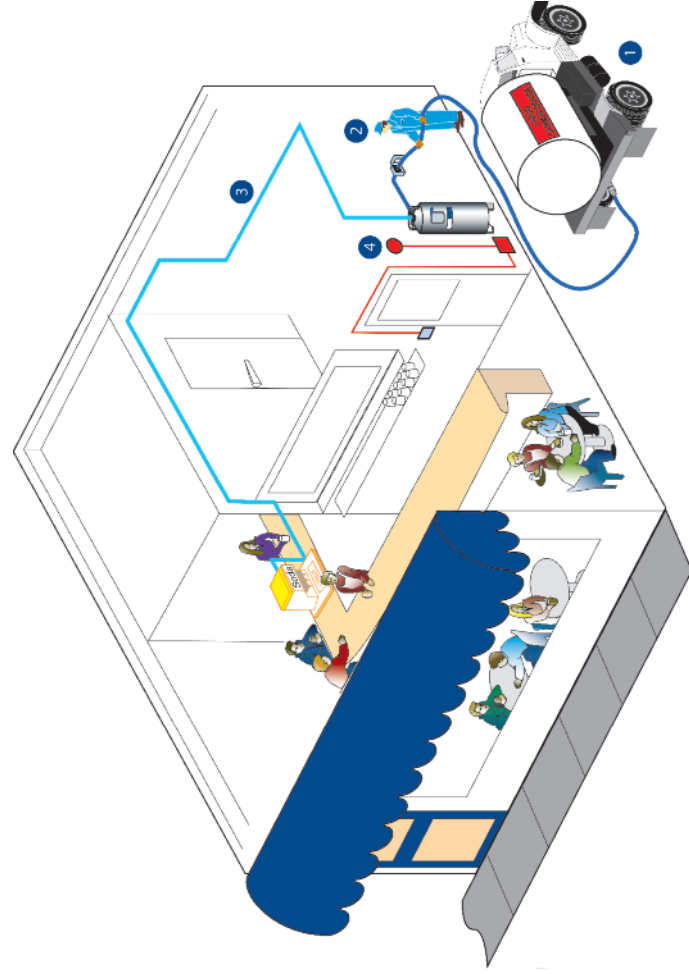
Ensuring the perfect beverage pour.
 Every day - All day.



Ensuring the perfect beverage pour. Every day - All day.



The Chart Beverage System



Maximize Your Beverage Profits -
It works like this:

- 1 Liquid CO₂ is delivered in bulk right to your store.
- 2 Liquid CO₂ is securely transferred through the outside wall of your store into a bulk CO₂ storage tank.
Note: The bulk CO₂ tank can also be installed outdoors.
- 3 CO₂ gas is dispensed from the bulk CO₂ storage tank, providing a perfect beverage pour, every time.
- 4 A CO₂ Monitoring System assures the safety of your working environment.

The Highest Quality Bulk CO₂
Systems In The World



Specifications 220 300 450 550 750 750HF 1000HF

DIMENSIONS

Diameter
Height (with legs)[§]

20 in 46 in	20 in 55.625 in	20 in 71.875 in	22 in 72.9 in	26 in 73.875 in	26 in 73.875 in	30 in 72.5 in (no legs)
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DESIGN CRITERIA

Code
MWWP
Insulation Type

ASME*	ASME*	ASME*	ASME*	ASME*	ASME*	ASME*
300 psig	300 psig	300 psig	300 psig	300 psig	300 psig	300 psig
SI †	SI †	SI †	SI †	SI †	SI †	SI †

CAPACITY

Net Volume

25.5 gal 221 lb	32 gal 299 lb	48 gal 477 lb	62 gal 584 lb	82 gal 789 lb	82 gal 789 lb	118 gal 1000 lb
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PERFORMANCE

Storage Capacity at 125 psig
Minimum Usage (No Venting)^Δ
CO₂ Gas Delivery (Continuous)[®]
Peak Flow Rate[§]

1.0 lb/day 1.0 lb/hr 1.5 lb/hr	2.0 lb/day 1.0 lb/hr 3.0 lb/hr	2.5 lb/day 1.5 lb/hr 10 lb/hr	2.5 lb/day 6.5 lb/hr 10 lb/hr	3.0 lb/day 10 lb/hr 15 lb/hr	3.0 lb/day 15 lb/hr 40 lb/hr ^Δ	3.0 lb/day 30 lb/hr 50 lb/hr [®]
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[§] Height without legs, subtract 6 in, [®] 12 consecutive hours at room temperature, ^Δ 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 loss in normal applications