

BEVERAGE EQUIPMENT

BULK CO₂ TANKS AND ACCESSORIES

Bulk CO₂ Systems



FAST FOOD • CONVENIENCE STORES • RESTAURANTS • PUBS • POOLS



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



Innovation. Experience. Performance.™

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Fill Gun with Flush Mount Fill Box

Beverage Systems Accessories:

Supplement your Carbo-Series bulk CO₂ system with Chart's bulk CO₂ accessories. These liquid CO₂ filling options and accessories ensure a convenient, secure delivery.



Surface Mount Fill Box



CO₂ Fill Hose with Vent Hose

SPECIFICATIONS	200	220	300	450	550	750	750 HF	1000HF
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Dimensions

Diameter	20 in	20 in	20 in	20 in	22 in	26 in	26 in	30 in
Height (with legs) [§]	38.625 in	46 in	55.625 in	71.875 in	72.9 in	73.875 in	73.875 in	72.5 in
		(no legs)						(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

Capacity

Net Volume	20 gal	25.5 gal	32 gal	48 gal	62 gal	82 gal	82 gal	118 gal
Storage Capacity at 125 psig	187 lb	221 lb	299 lb	477 lb	584 lb	789 lb	789 lb	1000 lb

Performance

Minimum Usage (No Venting) ^Δ	1.2 lb/day	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
CO ₂ Gas Delivery (Continuous) [@]	.75 lb/hr	1.0 lb/hr	1.0 lb/hr	5.5 lb/hr	6.5 lb/hr	10 lb/hr	15 lb/hr	30 lb/hr
Peak Flow Rate [§]	1.5 lb/hr	1.5 lb/hr	3.0 lb/hr	10 lb/hr	10 lb/hr	15 lb/hr	40 lb/hr [^]	50 lb/hr [@]

§ Height without legs, subtract 6 in, [@] 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 loss in normal applications

Your Local Representative



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