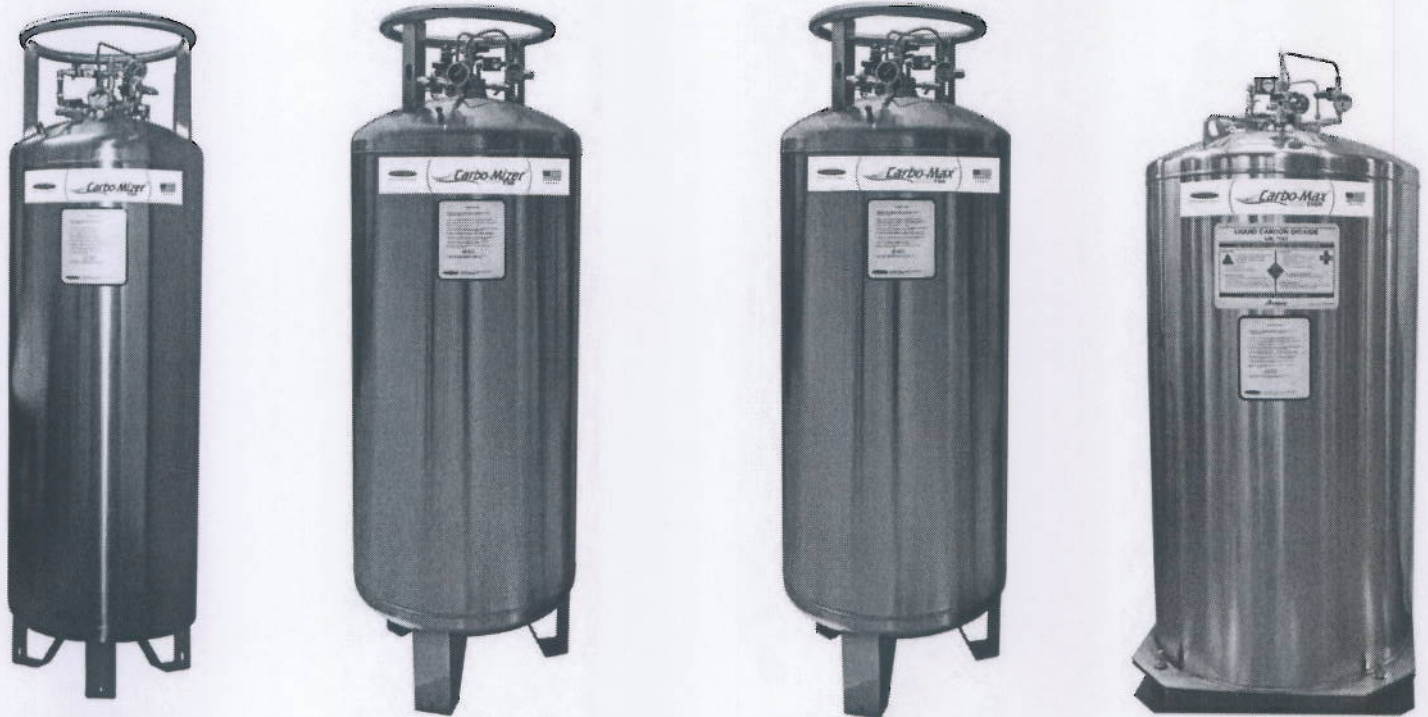


Choose your Bulk CO₂ Carbo Series Tank



SPECIFICATIONS	Carbo-Mite® 220	Carbo-Mizer® 300	Carbo-Mizer® 450
Dimensions			
Diameter	20 in (50.8 cm)	20 in (50.8 cm)	20 in (50.8 cm)
Height (with legs)§	40 in (101.6 cm) (no legs)	55.625 in (141.28 cm)	71.875 in (182.55 cm)
Empty Weight	156 lb (71 kg)	216 lb (98 kg)	273 lb (123.8 kg)
Full Weight	377 lb (171 kg)	515 lb (233.6 kg)	750 lb (340.2 kg)
Design criteria			
Code *	ASME	ASME	ASME
MAWP	300 psig (20.7 barg)	300 psig (20.7 barg)	300 psig (20.7 barg)
Insulation Type †	SI	SI	SI
Capacity			
Gross Volume	27.4 gal (103.7 ltr)	34.3 gal (129.8 ltr)	52 gal (196.8 ltr)
Net Storage Volume	25.5 gal (96.5 ltr)	32 gal (121 ltr)	48 gal (182 ltr)
Storage Capacity at 125 psig	221 lb (100.2 kg)	299 lb (135.6 kg)	477 lb (216.4 kg)
Performance			
Evaporation RateΔ	1.0 lb/day	2.0 lb/day	2.5 lb/day
CO ₂ Gas Delivery (Continuous)@	1.0 lb/hr	1.0 lb/hr	5.5 lb/hr
Peak Flow Rate \$	1.5 lb/hr	3.0 lb/hr	10 lb/hr
Components			
ASME Relief Valve Setting	300 psig (20.7 barg)	300 psig (20.7 barg)	300 psig (20.7 barg)
Secondary RV Setting	N/A	450 psig (31 barg)	450 psig (31 barg)
Sure-Fill™ RV Setting	200 psig (13.8 barg) ≈	N/A	N/A
Gas Use Connection	1/4 in 45° Flare	1/4 in 45° Flare	1/4 in 45° Flare
Fill Line Connection	5/8 in Male 45° Flare	5/8 in Male 45° Flare	5/8 in Male 45° Flare
Vent Connection	1/2 in OD Tubing	1/2 in OD Tubing	1/2 in OD Tubing
Construction			
Inner Vessel Material	Stainless Steel	Stainless Steel	Stainless Steel
Outer Vessel Material	Stainless Steel	Stainless Steel	Stainless Steel
Vaporizer Coil	N/A	N/A	N/A
Liquid Level Gauge°	Roto-Tel™ **/Diff. Press.	Differential Pressure	Differential Pressure

§ Height without legs, subtract 6 in, * ASME Boiler and Pressure Vessel Design Section VIII, Div. 1, † Super Insulation/High Vacuum, \$ 4 consecutive hours at room temperature, Δ No loss in normal applications, ° Float gauge available upon request, ** Telemetry Ready

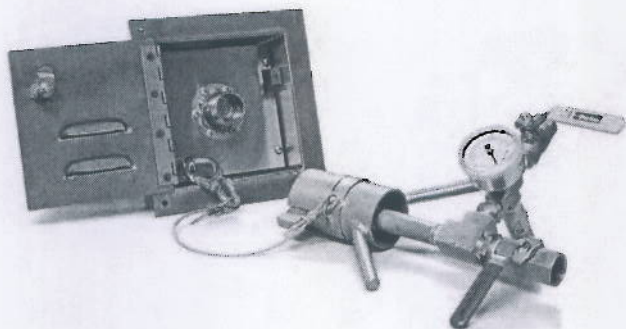
**Carbo-Mizer® 550****Carbo-Mizer® 750****Carbo-Max® 750 HF****Carbo-Max® 1000 HF**

22 in (55.8 cm) 72.9 in (185.1 cm)	26 in (66 cm) 73.875 in (187.6 cm)	26 in (66 cm) 73.875 in (187.6 cm)	30 in (76.2 cm) 72.5 in (184.2 cm) (no legs)
318 lb (144.3 kg) 902 lb (409.1 kg)	430 lb (195 kg) 1219 lb (552.9 kg)	430 lb (195 kg) 1219 lb (552.9 kg)	788 lb (357.4 kg) 1788 lb (811 kg)
ASME 300 psig (20.7 barg) SI	ASME 300 psig (20.7 barg) SI	ASME 300 psig (20.7 barg) SI	ASME 300 psig (20.7 barg) SI
65.1 gal (246.4 ltr) 62 gal (235 ltr) 584 lb (264.9 kg)	89.1 gal (337.3 ltr) 82 gal (311 ltr) 789 lb (357.9 kg)	89.1 gal (337.3 ltr) 82 gal (311 ltr) 789 lb (357.9 kg)	128.2 gal (485.3 ltr) 118 gal (446.6 ltr) 1000 lb (453.6 kg)
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 @ ^	3.0 lb/day 30 lb/hr 50 lb/hr @
300 psig (20.7 barg) 450 psig (31 barg) N/A 1/4 in 45° Flare 5/8 in Male 45° Flare 1/2 in OD Tubing	300 psig (20.7 barg) 450 psig (31 barg) 200 psig (13.8 barg) ≈ 1/4 in 45° Flare 5/8 in Male 45° Flare 1/2 in OD Tubing	300 psig (20.7 barg) 450 psig (31 barg) 200 psig (13.8 barg) ≈ 1/4 in 45° Flare 5/8 in Male 45° Flare 1/2 in OD Tubing	300 psig (20.7 barg) 450 psig (31 barg) 200 psig (13.8 barg) 1/4 in 45° Flare 5/8 in Male 45° Flare 1/2 in OD Tubing
Stainless Steel Stainless Steel N/A Differential Pressure	Stainless Steel Stainless Steel Stainless Steel Differential Pressure	Stainless Steel Stainless Steel Stainless Steel Differential Pressure	Stainless Steel Stainless Steel # Stainless Steel Differential Pressure

@ 12 consecutive hours at room temperature, ^ 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). ≈ Option.
Pallet jack compatible base.

Bulk CO₂ Accessories

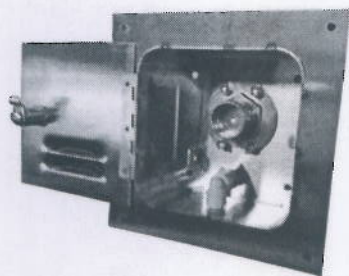
Supplement your Carbo Series bulk CO₂ system with our bulk CO₂ accessories. These liquid CO₂ filling options and accessories ensure a convenient, secure delivery.



Fill Gun

Chart Beverage Systems' fill gun is constructed with integral components allowing complete control of the fill process without leaving the fill point.

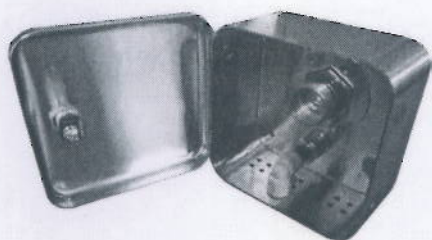
- Positive seal fill fitting cuts waste from lost CO₂ during filling process
- Winged sleeve construction makes gun easy to grip
- Integral wrench feature enables tightening without tools
- Maintain control of CO₂ and vent flow with fill and vent ball valves
- Pressure vent valve relieves potential excess line pressure



Flush Mount Fill Box

The stainless steel flush mount fill box mounts directly to the outside wall of your facility to be flush with the building. Features include:

- Complete with quick-disconnect male fill connection and vent hose connection
- Locking door with keys
- Box size is 6 in. x 6 in.



Surface Mount Fill Box

The stainless steel surface mount fill box can be placed directly on the outside wall of your facility with four mounting screws. Features include:

- Complete with quick-disconnect male fill connection and vent hose connection
- Locking door with keys
- Box size is 6 in. x 6 in. and 2-1/4 in. deep



CO₂ Fill Hose with Vent Hose

Chart Beverage Systems' fill hose transports liquid CO₂ between the fill box and a Carbo Series vessel. Highly durable, this hose has a maximum working pressure of 2,000 psi. Other features include:

- Minimum bend radius of 3 inches (7.62 cm)
- Minimum burst pressure of 8,000 psi
- Inert in CO₂ environment

Vent hose connects vessel safety devices for safe outdoor venting.