



Carbo-Series Bulk CO₂ Storage System with VaporMan 125®

The **VaporMan 125®** is a compact modular vaporizer used in conjunction with Chart high flow CO₂ tanks to provide warm CO₂ gas to the point of use. It enhances the high flow from the tank's internal vaporizers and provides attachment points to connect either a single tank, or multiple manifolded tanks.

Chart high flow CO₂ tanks utilize internal vaporization coils to achieve flows ranging from 40 - 125 lb/hr.

The VaporMan 125 kit comes with two vaporizers (one series and one parallel), a manifold for connecting the tanks, a stand, hoses, and all of the fittings needed to manifold the tanks. The CO₂ tanks are not included in the kit.

CO₂ Selection Guide

	Carbo-Series			Perma-Max™					VSCO ₂ (2)
	Carbo-Mizer® 750	Carbo-Max® 750	Carbo-Max® 1000	Perma-Max 2200 HP	Perma-Max 3300 HP	Perma-Max 4400 HP	Perma-Max 6000 HP	Perma-Max 12,000 VHP	VSCO ₂ 6 Ton
Service									
CO ₂	X	X	X	X	X	X	X	X	X
Dimensions									
Diameter	26"	26"	30"	42"	48"	48"	59"	80"	68"
Height	68"	68"	72"	84"	90"	116"	122"	119"	188"
Storage Capacity (Net)									
CO ₂ SCF	6900	6900	8741	18,583	28,431	38,048	52,938	99,953	112300
CO ₂ Liters	353	353	447	950	1455	1945	2707	5110	5740
CO ₂ Pounds	789	789	1000	2126	3252	4353	6056	11,435	12800
Gas Delivery Rate (continuous)									
SCFH	87	131	262	320	450	450	450	1136	
Lbs/Hr	10	15	30	37	51	51	51	130	150/375
Gas Delivery Rate (Tested Peak Flow)									
SCFH	131	350	524	524-699	524-699	1093	1093	1167	
Lbs/Hr	15	40 (1)	60	60-80	60-80	125	125	130	150/375
Tank Pressure (psig)	125	150	150	300	300	300	300	300	300
Consecutive Hours	4	12	12	12	12	12	12	12	24
Standard Design Features									
MAWP/ASME (psig)	300	300	300	350	350	350	350	350	350
Internal Pressure Builder	X		X	X	X	X	X	X	X (3)
Internal Economizer		X		X	X	X	X	X	X
Notes: (1) Carbo-Max 750 can achieve flows up to 40 lb/hr, in up to 12 hours continuous use. At these higher flow rates, outlet temperatures may be lower than freezing (32°F), without adding external vaporization. (2) Larger models, horizontal models, and bulk LN ₂ service also available. (3) External electric system. (4) Peak flows of 200 lbs/hr for short duration when utilizing bottom liquid withdrawal and properly sized process vaporizer. This applies to the 4400 and 6000. Peak flows of 300 lbs/hr for short duration when utilizing bottom liquid withdrawal and properly sized process vaporizer. This applies to the 12,000.									



Perma-Max™ MicroBulk CO₂ Storage System VSCO₂ Bulk Storage Tank

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Bulk CO₂ & N₂
Provide The Perfect Pour™

Brew Pubs
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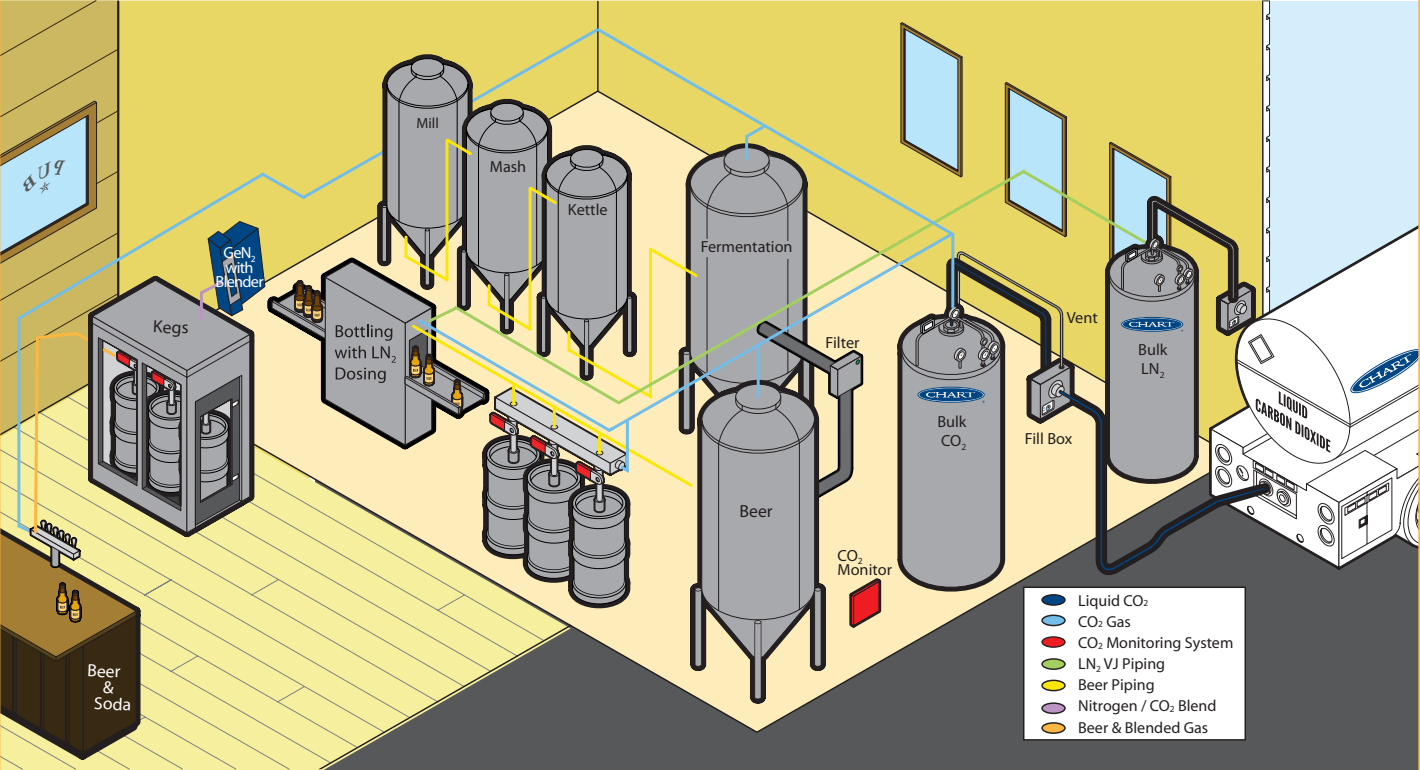
Bulk CO₂ & LN₂ systems provide a wide range of high capacity, high flow rate beverage grade CO₂ & LN₂ for establishments from the smallest brew pub to full-scale breweries.

www.chartbeverage.com
1-800-247-4446



Brew Pubs & Micro-Breweries

Bulk CO₂, N₂ & On-Site Blended Beer Gas



- ✓ Gas Purging

✓ Keg Filling

✓ On-Site Blended Beer Gas
- ✓ Soda Carbonation

✓ LN₂ Dosing for Bottles

✓ N₂ Bottle Sparging

CHART BEVERAGE SYSTEMS BENEFITS

Bulk CO ₂			
CONVENIENCE	QUALITY	SAFETY	SAVINGS
Eliminate high-pressure cylinder change-outs and gas outages during peak rush periods. Enables a better use of employees and storage space.	Uninterrupted flow of CO ₂ eliminates flat drinks and ensures proper drink calibration. Perfect beverage dispensing presentation increases customer satisfaction and eliminates complaints of poor taste and flat beverages.	Gas stored at low operating pressure, plus zero cylinder handling, reduces job-related injuries.	Save on labor, lost residual gas and operational costs associated with the high cost of high-pressure cylinders. Eliminate liquor and syrup waste due to repours from flat drinks.
Bulk LN ₂			
Eliminate high-pressure beer gas exchanges. McDantim® beer gas mixers required for on-site beer gas.	Quality draft beer requires a precise, consistent supply of nitrogen and carbon dioxide. Bulk nitrogen supply coupled with a Carbo-Mizer Bulk CO ₂ tank is the ideal system to provide the correct blended gas mix on-site to achieve the perfect pour.	Gas stored at low operating pressure, plus zero cylinder handling, reduces job-related injuries.	Save on labor, lost residual gas and operational costs associated with the high cost of high-pressure cylinders. Eliminate beer waste due to bartender pre-runs and repours from customer complaints.

Benefits:

- Every pint is dispensed at brewery quality.
- Better presentation with longer lasting head.
- Kegs stay fresher and properly carbonated.
- No more waiting for foamy beer to settle.
- Less wasted beer down the drain from over-carbonation.
- Continuous CO₂ supply eliminates flat drinks.
- Replaces high-pressure gas cylinders with a low-pressure system.
- Reduces CO₂ use or reliance on expensive pre-mixed beer gas.
- Replace the widget with LN₂ dosing for nitrogenated beer.
- LN₂ dosing reduces Total Package Oxygen (TPO) for longer shelf life.
- Fewer cylinders mean better use of valuable space.
- No gas cylinders to exchange and inventory.

Common Installations:

- Brew Pubs
- Micro-Breweries

