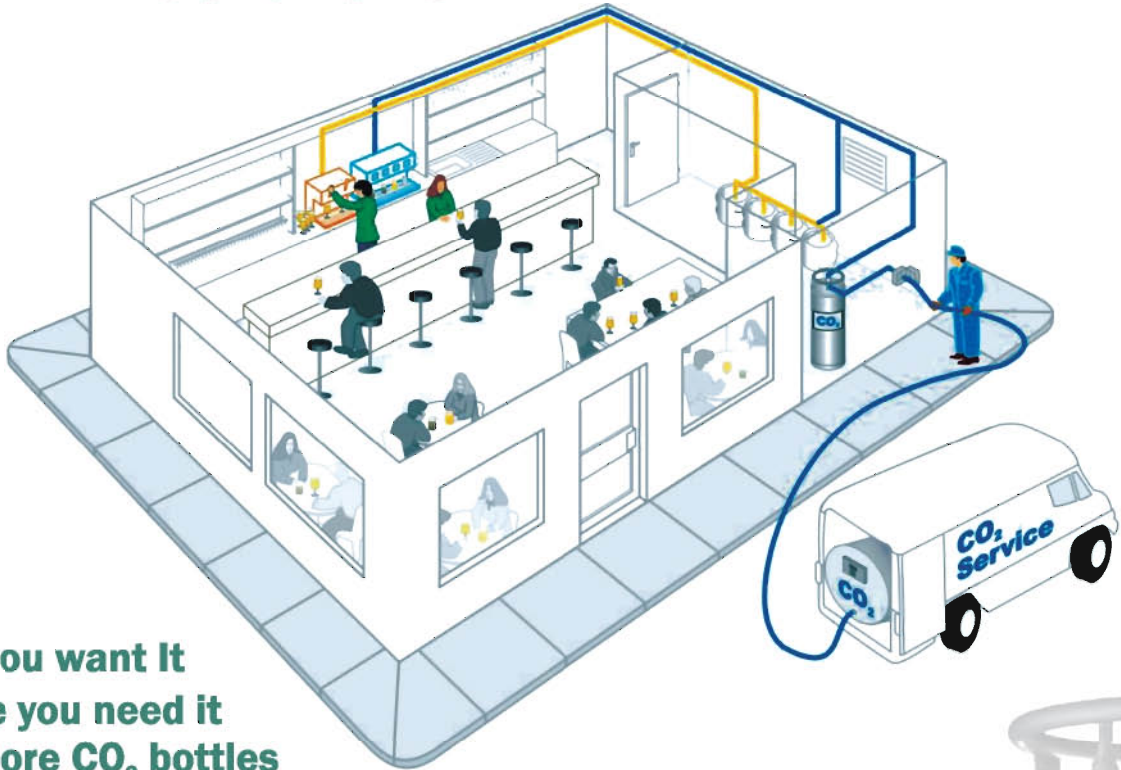


# CARBO-MATIC® 450 & 625

The Perfect CO<sub>2</sub> System for  
Carbonated Beverages



CO<sub>2</sub> when you want It  
...Anywhere you need it  
...And no more CO<sub>2</sub> bottles

## Convenience

- Fully automatic... and no electricity
- No more cylinders to carry
- No more cylinders to change

## Savings

- Cuts waste and leaks
- Optimizes use of valuable space

## Quality

- Uninterrupted supply of CO<sub>2</sub>
- Consistent beverage carbonation

## Safety

- No heavy cylinders to handle
- Low pressure for double safety
- CE marked

## Peace of Mind

- No more worries about running out of CO<sub>2</sub> and flat drinks
- Greater customer satisfaction



Innovation. Experience. Performance. .

### Chart Ferox, a.s., a Chart Industries Company

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# CARBO-MATIC®

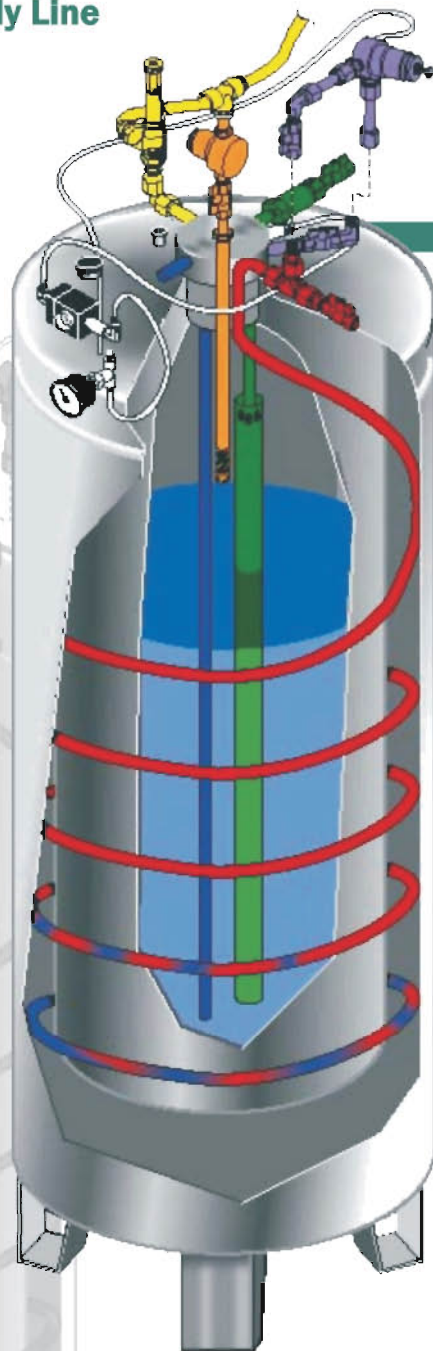
## 450 & 625

## Specifications

**Sure-Fill™ Assembly**  
**Safety Relief Valve**

**Gas Economizer**  
**CO<sub>2</sub> Fill Line**  
**CO<sub>2</sub> Supply Line**

The Carbo-Matic® is a stationary system for supplying CO<sub>2</sub> for carbonated beverages, such as beer and cola. Fully automatic, it requires no electricity, no service and no adjustment by the CO<sub>2</sub> user. The Carbo-Matic® is refilled by the CO<sub>2</sub> supplier via an outdoor fill box, so it never interrupts normal beverage service. Because it stores CO<sub>2</sub> as a compact low-pressure liquid, it replaces all the high-pressure CO<sub>2</sub> bottles required to supply CO<sub>2</sub> each month. The Carbo-Matic® is the perfect, convenient and trouble-free solution for all your CO<sub>2</sub> needs.



Model	Carbo-Matic® 450	Carbo-Matic® 625
<b>Dimensions and Weight</b>		
Diameter	510 mm	660 mm
Height Without Legs	1688 mm	1625 mm
Height With Legs	1790 mm	N/A
Empty Weight (approx.)	136 kg	170 kg
<b>Design Criteria</b>		
Code Approvals	PED	PED
Maximum Relief Valve Setting	22 bar	22 bar
Normal Operating Pressure	8,5 - 10,5 bar	8,5 - 10,5 bar
<b>Capacity</b>		
Gross Capacity	196 liters	288 liters
Liquid CO <sub>2</sub> Capacity*	177 kg	260 kg
<b>Performance</b>		
Normal Evaporation Rate	1,2 kg/day	1,6 kg/day
CO <sub>2</sub> Flow Rate - Continuous	5,0 kg/hr	7,0 kg/hr
<b>Construction &amp; Components</b>		
Inner & Outer Vessels	Stainless Steel	Stainless Steel
Internal Piping	Stainless Steel	Stainless Steel
Patented Sure-Fill™ System	Included	Included
Tank Pressure Gauge	Included	Included
Liquid Level Gauge	Included (DP Type)	Included (DP Type)

\* at 11% ullage and 20,7 bar

**Surface-Mount  
Fill Box**



**Internal Vaporizer Coil  
Liquid Withdrawal Tube  
Legs (optional)**



**Flush-Mount  
Fill Box**



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