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# CARBON DIOXIDE C-27 FILLING

Product group: 719      Product number: 905695

Carbon dioxide is used to carbonate beverages as well as in potable water plants to control acidity (pH). When welding (MAG) low carbon steel, CO<sub>2</sub> is also used as shielding gas. This product is delivered in a Unitor cylinder as part of WSS global cylinder exchange program.



## Product information

Beverage grade carbon dioxide (CO<sub>2</sub>) comes with a purity of 99.5%. This product is delivered in a 40 litre cylinder. CO<sub>2</sub> is a liquified gas, it liquifies under high pressure. A full cylinder contains 27kg of CO<sub>2</sub>. Beware of asphyxiation hazards when using the gas. Expansion of liquid CO<sub>2</sub> into gas phase will result in a drop in temperatures.

### Features

- Colourless, odourless and an incombustible gas
- CO<sub>2</sub> cylinders are fitted with handwheel operated valves and an American type side connection
- A regulator for this type of cylinder is available under product no. 698 510004

### Benefits

- Typical in use for carbonation of beers and fizzy drinks on board Cruise ships.
- In use for potable water treatment to control acidity.
- Additionally can be used for MAG welding.
- For your safety, the product is delivered in a Unitor exchange cylinder complete with barcode and unique cylinder serial number
- We trace and track all cylinders using our system to give you peace of mind
- We offer global availability through our Global Exchange Programme.

## Specification

### General

Cylinder Type	C-27
Invent Hazard Material (IMO/IU) classification	C-22

### Physical properties

Colour	Grey
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### Dimensions/Weight

Connection [Size/ Type]	CGA320
Diameter [mm]	229
Gross Weight [kg]	82
Height [mm]	1350
Weight [kg]	27 Net

### Technical data

Connection [inch]	CGA320 side
Filling pressure [bar]	–
Purity	2.5 > 99.5 %
Volume (l)	40

### Performance data

Gas Capacity [m³]	14.9
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## Documents

[SDoC and MD for IHM](#)

[CO2](#)

## Related products

### Accessories

- 510004  
REGULATOR 510 CO2 FOR C-9 AND C-27 CYLINDER
- 510012  
REGULATOR 510 CO2 FLOW CGA320

Is frequently bought together with

- 905034**  
OXYGEN O-40 FILLING
- 905619**  
CARBON DIOXIDE C-9 FILLING
- 905067**  
ACETYLENE A-5 FILLING
- 905565**  
ARGON E-10 FILLING
- 905075**  
OXYGEN O-5 FILLING