

# Carbon Dioxide C-27

Item No.: 211211324

## Product information

For the purity the specification is: Carbon dioxide (CO<sub>2</sub>) > 99.5 %

And Impurities: Carbon monoxide (CO) < 5 ppm  
 Nitrogen monoxide (NO) < 2 ppm  
 Nitrogen dioxide (NO<sub>2</sub>) < 2 ppm  
 Sulfur compounds (S) < 1 ppm  
 Water (H<sub>2</sub>O) < 60 ppm

For carbon dioxide (CO<sub>2</sub>) the following is valid: 1 nm<sup>3</sup> = 1.81 kg  
 1 kg = 0.55 nm<sup>3</sup>  
 1 bar = 14.5 psi  
 1 nm<sup>3</sup> = 35.3 ft<sup>3</sup>  
 1 kg = 2.2 lbs



## Features

- Colourless, odorless and an incombustible gas
- CO<sub>2</sub> cylinders are fitted with handwheel operated valves and an American type side connection

## 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 standard marine type exchange cylinder complete with a unique cylinder serial number.
- We offer global availability through our Global Exchange Programme.

## Specification

|          |  |      |
|----------|--|------|
| General: | Cylinder Type                                  | C-27 |
|          | Invent Hazard Material (IMO/EU) classification | C-22 |

|                      |        |      |                   |                                |    |
|----------------------|--------|------|-------------------|--------------------------------|----|
| Physical Properties: | Colour | Grey | Performance Data: | Gas Capacity (m <sup>3</sup> ) | 27 |
|----------------------|--------|------|-------------------|--------------------------------|----|

|                     |                        |        |
|---------------------|------------------------|--------|
| 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                 | > 99.5 %    |
|                 | Volume (l)             | 40          |