

Codice Fiscale/P.IVA/Registro Imprese  
di Lecco 00779230135  
V.A.T. IT 00779230135  
R.E.A. Lecco N. 164536  
Mecc. N. LC 001662



## O.D.L. S.r.l.

Capitale Sociale EURO 180.000 int. Versato  
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### SAFETY DATA SHEET CARBONATOR TYPE G-480..... WITH SAFETY VALVE P/N 411324/8.5

#### TECHNICAL-OPERATING FEATURES:

Max operating pressure = 10 [bar]

Burst pressure = 42.5 [bar] (T = 20°C)

Safety Valve P/N 411324/8.5 opening pressure = 8.5 +15%-5% [bar]

⇒ Safety valve max opening pressure = 9.8 [bar]

0 °C < Operating temperature < 50 °C

Liquids and gases used = Drinkable water and CO<sub>2</sub>

Life test = 100.000 cycles between P<sub>min</sub> = 0 [bar] for 3" and P<sub>max</sub> = 10 [bar] for 3" (T = 20 °C)

#### COMPLIANCE TO PED DIRECTIVE (97/23/CE):

Being  $PS \times V < 50$  (for all the carbonators with height lower than 930 [mm]) where:

PS = SV max opening pressure

V = carbonator internal volume

The carbonator falls under the art.3 paragraph 3 of the PED Directive:

- It must not be CE marked;
- It must not comply with the essential requirements;
- It must have a booklet of instructions for use, enabling the identification of the manufacturer and the identification of the parameters to use;
- It enjoys the benefit of free movement in Europe.

#### TESTS:

100% production inspection on:

- General sealing
- Min opening P SV > 8 [bar]
- Nozzle presence
- NRV on CO<sub>2</sub> and H<sub>2</sub>O presence and sealing

Samples inspection:

Lack of damages and permanent deformation on the carbonator at a pressure of 20 [bar]: 1 piece for batch.

Verification of the exact opening pressure of the SV: pieces to be checked / batch defined following the LEVEL I – AQL = 2.5 [UNI ISO 2859/1]

Lierna, 20/06/2014

The Technical Director  
Eng. Massimiliano Renzi