

SPECIFICATION

UAB "GASCHEMA"

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GASES FOR THE FOOD INDUSTRY

Karbodinas E290

ES Nr. 231/2012

Technical characteristics:				Safety labeling:			
Trade name: KARBODINAS E290				 Caution, H280			
UN 1013 CARBON DIOXIDE, Class 2, hazard symbols 2.2							
EC No.: 204-696-9							
CAS No.: 124-38-9							
Identification No.: not applicable							
REACH Registration No.: not registered							
Main gas properties:							
Colorless, odorless, toxic at high concentrations, can cause severe frostbite							
Regulator connections:							
G 3/4" – G3/8" x 6 mm (DIN 477 No.9) or							
W 21.8 x 1/14" – G3/8" x 6 mm (DIN 477 No.6)							
Recommended regulator:				Recommended regulator:			
Primary pressure gauge: • Scale: (0 to 315) bar • Maximum working pressure shown on scale: 200 bar				 KAYSER (EN ISO 2503) 200 bar / 30 l/min			
Secondary pressure gauge: • Scale: (0 to 30) l/min • Maximum working medium limit on the scale: 23 l/min							
Gas cylinder specifications:				Cylinder marking:			
				Bright green or grey cylinder with a grey shoulder and/or grey cylinders in a bundle 			
Composition:		Volume fraction	Units				
CO ₂	>	99,9	%				
Impurities:							
H ₂ O	<	20	ppm				
Other impurities	<	0,1	%				
Cylinder types:							
13,4 l cylinders		10	kg				
20 l cylinders		14,4	kg				
40 l cylinders		29	kg				
50 l cylinders		37	kg				
12 x 50 L cylinder bundles		444	kg				
Eurocylinders		230	l				

For more information, please download [the safety data sheet](#).