

SPECIFICATION

UAB "GASCHEMA"

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R744 REFRIGERANT

Carbon dioxide R744

Technical characteristics:				Safety labeling:	
Trade name: CARBON DIOXIDE R744				 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:	
				Grey-colored cylinder and/or grey-colored cylinders in bundle 	
Composition:		Volume fraction	Units		
CO ₂	>	99,9	%		
Impurities:					
H ₂ O	<	10	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](#).