

R744

Carbon dioxide, CO₂

High quality and natural.

R744 (Carbon dioxide, CO₂) is a high purity carbon dioxide based refrigerant gas. The low moisture content enables the refrigerant to work more effectively and, more importantly, have a less corrosive impact on your refrigeration systems.

R744 is used as a replacement for R134a and R404A in ultra-low, low and medium-temperature refrigeration applications.

Refrigeration systems that contain R744 require strict controls on moisture, oil and other contaminants.

Specification

Type	Natural
Blend	Carbon dioxide
Safety class	A1
GWP (AR4)	1
Lubricant	POE
Replacement	R134a, R404A, R22
Ozone depleting	0
Hazard pictogram	



Available in sizes

15 kg 37,5 kg

Benefits

- Non-flammable with a safety classification of A1
- Excellent thermodynamic properties and low energy requirements
- Can be used alongside other primary refrigerants such as hydrocarbon and ammonia

Applications

- Commercial refrigeration
- Industrial refrigeration
- Transport refrigeration
- Commercial AC
- Industrial AC

Composition %

Carbon dioxide	100
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