

# Global Refrigerant Grade CO2 Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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## Abstracts

Refrigerant Grade CO2 is a colorless, odorless, non-flammable, environmentally friendly gas with excellent refrigeration performance. In recent years, with the increasing awareness of environmental protection, Refrigerant Grade CO2 has gradually become a popular research object in the refrigeration industry due to its environmental protection and energy-saving characteristics.

According to our (Global Info Research) latest study, the global Refrigerant Grade CO2 market size was valued at US\$ million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of %during review period.

From the perspective of existing technology and market demand, Refrigerant Grade CO2 has many advantages. First of all, its refrigeration efficiency is very high, which can be more than three times that of traditional refrigerants. Secondly, as a natural refrigerant, it does not cause any impact on the atmosphere, helping to achieve carbon neutrality goals.

This report is a detailed and comprehensive analysis for global Refrigerant Grade CO2 market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2024, are provided.

Key Features:

Global Refrigerant Grade CO2 market size and forecasts, in consumption value (\$ Million), sales quantity (L), and average selling prices (US\$/L), 2019-2030

Global Refrigerant Grade CO2 market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (L), and average selling prices (US\$/L), 2019-2030

Global Refrigerant Grade CO2 market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (L), and average selling prices (US\$/L), 2019-2030

Global Refrigerant Grade CO2 market shares of main players, shipments in revenue (\$ Million), sales quantity (L), and ASP (US\$/L), 2019-2024

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Refrigerant Grade CO2

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Refrigerant Grade CO2 market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Linde, Iwatani, Air Liquide, Airgas, Coregas Australia, MOS Techno Engineers, Air Products, Messer, A-Gas, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

## Market Segmentation

Refrigerant Grade CO2 market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This

analysis can help you expand your business by targeting qualified niche markets.

#### Market segment by Type

4N

5N

5N Above

#### Market segment by Application

Ultra-Low Refrigeration

Low Refrigeration

Medium-Temperature Refrigeration

#### Major players covered

Linde

Iwatani

Air Liquide

Airgas

Coregas Australia

MOS Techno Engineers

Air Products

Messer

A-Gas

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Refrigerant Grade CO<sub>2</sub> product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Refrigerant Grade CO<sub>2</sub>, with price, sales quantity, revenue, and global market share of Refrigerant Grade CO<sub>2</sub> from 2019 to 2024.

Chapter 3, the Refrigerant Grade CO<sub>2</sub> competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Refrigerant Grade CO<sub>2</sub> breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2019 to 2024. and Refrigerant Grade CO<sub>2</sub> market forecast, by regions, by Type, and by Application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Refrigerant Grade CO2.

Chapter 14 and 15, to describe Refrigerant Grade CO2 sales channel, distributors, customers, research findings and conclusion.

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