

# Global Natural Refrigerants Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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## Abstracts

According to our (Global Info Research) latest study, the global Natural Refrigerants market size was valued at US\$ 2136 million in 2024 and is forecast to a readjusted size of USD 3409 million by 2031 with a CAGR of 7.0% during review period.

Natural refrigerants are natural substances that serve as refrigerants in refrigeration systems (including refrigerators, HVAC, and air conditioning). They are alternatives to hydrofluorocarbon (HFC), hydro chlorofluorocarbon (HCFC) and chlorofluorocarbon (CFC) based refrigerants. Unlike other refrigerants, they are not synthetic chemicals and can sometimes be found in nature. Natural refrigerants are chemicals which occur in nature's bio-chemical processes. They do not deplete the ozone layer and make a negligible - or zero in the case of R717 (ammonia) - contribution to global warming. The high efficiency of natural refrigerants also means that they make a lower indirect contribution to global warming. They are not only used due to environmental sustainability as some applications are better suited to a particular natural refrigerant. This report studies the global Natural Refrigerants market.

The major players in global Natural Refrigerants market include Linde Group, Puyang Zhongwei, Airgas, etc. The top 3 players occupy about 50% shares of the global market. Europe and North America are main markets, they occupy about 65% of the global market. Hydrocarbons (R-290, R-1270, R-600a, etc.) is the main type, with a share about 60%. Air Conditioning is the main application, which holds a share about 60%.

The natural refrigerant market has shown a significant growth trend in recent years, mainly driven by environmental regulations, technological advances and consumer

demand for sustainable development. Global environmental policies and regulations (such as the Montreal Protocol and the Kigali Amendment) restrict the use of high global warming potential (GWP) refrigerants. This has led to an increase in demand for natural refrigerants such as carbon dioxide, ammonia and hydrocarbons. Natural refrigerants have a low or zero GWP and therefore meet the requirements of these regulations. As consumers become more environmentally conscious, more and more brands and companies are beginning to pay attention to the environmental performance of refrigeration equipment. Natural refrigerants have become the first choice due to their zero damage to the ozone layer and lower greenhouse gas emissions, especially in industries such as retail, food processing, and transportation.

This report is a detailed and comprehensive analysis for global Natural Refrigerants 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 2025, are provided.

**Key Features:**

Global Natural Refrigerants market size and forecasts, in consumption value (\$ Million), sales quantity (K MT), and average selling prices (USD/MT), 2020-2031

Global Natural Refrigerants market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K MT), and average selling prices (USD/MT), 2020-2031

Global Natural Refrigerants market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K MT), and average selling prices (USD/MT), 2020-2031

Global Natural Refrigerants market shares of main players, shipments in revenue (\$ Million), sales quantity (K MT), and ASP (USD/MT), 2020-2025

**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 Natural Refrigerants

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

To forecast future factors affecting the marketplace

This report profiles key players in the global Natural Refrigerants 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 Group, Puyang Zhongwei FINE Chemical Co., Ltd., Airgas, Sinochem, Shandong Yuean, Aeropres, A-Gas international, Tazzetti, Engas Australasia, Harp International, etc.

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

## **Market Segmentation**

Natural Refrigerants market is split by Type and by Application. For the period 2020-2031, 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

Ammonia (R-717)

Hydrocarbons (R-290, R-1270, R-600a, etc.)

Carbon Dioxide (CO<sub>2</sub>) (R-744)

### Market segment by Application

Refrigeration

Air Conditioning

Others

### Major players covered

Linde Group

Puyang Zhongwei FINE Chemical Co., Ltd.

Airgas

Sinochem

Shandong Yuean

Aeropres

A-Gas international

Tazzetti

Engas Australasia

Harp International

Hychill

GTS

Juhua Group

Dongyue Group

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 Natural Refrigerants product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Natural Refrigerants, with price, sales quantity, revenue, and global market share of Natural Refrigerants from 2020 to 2025.

Chapter 3, the Natural Refrigerants competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Natural Refrigerants breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

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 2020 to 2031.

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 2020 to 2025. and Natural Refrigerants market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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 Natural Refrigerants.

Chapter 14 and 15, to describe Natural Refrigerants sales channel, distributors, customers, research findings and conclusion.

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