

Global R-1234ze Refrigerant Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global R-1234ze Refrigerant market size was valued at USD 105 million in 2023 and is forecast to a readjusted size of USD 184.8 million by 2030 with a CAGR of 8.4% during review period.

R1234ze, also known as HFO-1234ze, with the chemical name of 1,3,3,3-tetrafluoropropene, has the advantages of non-toxicity, non-flammability, no flash point, and stable chemical properties, and is mainly used as a refrigerant. Compared with the first three generations of refrigerants, R1234ze has zero ODP (Ozone Depleting Potential), low GWP (Global Warming Potential), does not destroy the ozone layer and has low greenhouse effect, and has obvious environmental advantages.

R-1234ze refrigerant product is an exclusive patented product of Honeywell. The report focus on R-1234ze refrigerant market.

The R-1234ze Refrigerant is manufactured only by Honeywell due to patent protection.

Europe is the world's largest market, accounting for about 42%. It is followed by North America, with about 36%. Europe and North America will remain the world's top two markets in the future.

R-1234ze Refrigerant is mainly divided into two types: industrial refrigerant and commercial refrigerant. The market share of industrial refrigerant is about 63%. The market share of commercial refrigerants is expected to increase in the future.

In terms of application, it is mainly used in chillers, heat pump and other downstream industrial products. The chillers market accounts for about 50% and is expected to increase.

The Global Info Research report includes an overview of the development of the R-1234ze Refrigerant industry chain, the market status of Chillers (Industrial Refrigerant, Commercial Refrigerant), Heat Pump (Industrial Refrigerant, Commercial Refrigerant), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of R-1234ze Refrigerant.

Regionally, the report analyzes the R-1234ze Refrigerant markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global R-1234ze Refrigerant market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the R-1234ze Refrigerant market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the R-1234ze Refrigerant industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (Tons), revenue generated, and market share of different by Type (e.g., Industrial Refrigerant, Commercial Refrigerant).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the R-1234ze Refrigerant market.

Regional Analysis: The report involves examining the R-1234ze Refrigerant market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the R-1234ze Refrigerant market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to R-1234ze Refrigerant:

Company Analysis: Report covers individual R-1234ze Refrigerant manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards R-1234ze Refrigerant. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Chillers, Heat Pump).

Technology Analysis: Report covers specific technologies relevant to R-1234ze Refrigerant. It assesses the current state, advancements, and potential future developments in R-1234ze Refrigerant areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the R-1234ze Refrigerant market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

R-1234ze Refrigerant 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.

Market segment by Type

Industrial Refrigerant

Commercial Refrigerant

Market segment by Application

Chillers

Heat Pump

Other

Major players covered

Honeywell

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 R-1234ze Refrigerant product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of R-1234ze Refrigerant, with price, sales, revenue and global market share of R-1234ze Refrigerant from 2019 to 2024.

Chapter 3, the R-1234ze Refrigerant competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the R-1234ze Refrigerant 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 application, with sales market share and growth rate by type, 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 2017 to 2023. and R-1234ze Refrigerant market forecast, by regions, type and 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 R-1234ze Refrigerant.

Chapter 14 and 15, to describe R-1234ze Refrigerant sales channel, distributors, customers, research findings and conclusion.

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