

Global HCFC-R22 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 HCFC-R22 Refrigerant market size was valued at USD 122.4 million in 2023 and is forecast to a readjusted size of USD 161.3 million by 2030 with a CAGR of 4.0% during review period.

R22 refrigerant is a chemical that keeps the air coming from your air conditioning system cool, so it's unquestionably incredibly important. Most air conditioning units older than 10 years utilize an AC refrigerant called R22 that's commonly identified as Freon*, and is noted by the EPA as HCFC-22.

The HCFC-R22 refrigerant market is currently driven by a combination of factors. First, the phase-out of ozone-depleting substances (ODS) under the Montreal Protocol has led to a reduction in the production and consumption of HCFCs, including R22. This has created a growing demand for alternative refrigerants that have lower ozone depletion potential (ODP) and global warming potential (GWP). Second, regulations and environmental policies imposed by various governments and international organizations have restricted the use of HCFC-R22 refrigerant. These regulations aim to minimize the impact on the ozone layer and mitigate climate change. Third, technological advancements in refrigeration and air conditioning systems have led to the development of more energy-efficient and environmentally friendly alternatives to R22. These alternatives, such as hydrofluorocarbons (HFCs) and hydrofluoroolefins (HFOs), are gaining popularity in the market. Additionally, market forces such as increased consumer awareness and sustainability initiatives by companies have also played a role in driving the shift away from HCFC-R22 refrigerant.

The Global Info Research report includes an overview of the development of the HCFC-

R22 Refrigerant industry chain, the market status of Air-Condition (Disposable Steel Cylinders, Refillsble Steel Cylinders), Refrigerator (Disposable Steel Cylinders, Refillsble Steel Cylinders), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of HCFC-R22 Refrigerant.

Regionally, the report analyzes the HCFC-R22 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 HCFC-R22 Refrigerant market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the HCFC-R22 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 HCFC-R22 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 (MT), revenue generated, and market share of different by Type (e.g., Disposable Steel Cylinders, Refillsble Steel Cylinders).

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 HCFC-R22 Refrigerant market.

Regional Analysis: The report involves examining the HCFC-R22 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 HCFC-R22 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 HCFC-R22 Refrigerant:

Company Analysis: Report covers individual HCFC-R22 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 HCFC-R22 Refrigerant. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Air-Condition, Refrigerator).

Technology Analysis: Report covers specific technologies relevant to HCFC-R22 Refrigerant. It assesses the current state, advancements, and potential future developments in HCFC-R22 Refrigerant areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the HCFC-R22 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

HCFC-R22 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

Disposable Steel Cylinders

Refillable Steel Cylinders

Market segment by Application

Air-Condition

Refrigerator

Blowing Agent

Others

Major players covered

DAIKIN

Navin Fluorine International (NFIL)

Gujarat Fluorochemicals (GFL)

Chemours

Arkema

Dongyue Group

Zhejiang Juhua

Jiangsu Meilan Chemical

Sanmei

3F

Yingpeng Chemicals

Zhejiang Linhai Liming Chemical

Bluestar Green Technology

Shandong Yuean Chemical

Zhengjiang Yonghe Refrigerant

China Fluoro Technology

Zhejiang Lantian Environmental Protection Hi-Tech

Zhejiang Weihua Chemical

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 HCFC-R22 Refrigerant product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of HCFC-R22 Refrigerant, with price, sales, revenue and global market share of HCFC-R22 Refrigerant from 2019 to 2024.

Chapter 3, the HCFC-R22 Refrigerant competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the HCFC-R22 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 HCFC-R22 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 HCFC-R22 Refrigerant.

Chapter 14 and 15, to describe HCFC-R22 Refrigerant sales channel, distributors, customers, research findings and conclusion.

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