

# Global HFO-1234yf 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 HFO-1234yf market size was valued at USD 1037.4 million in 2023 and is forecast to a readjusted size of USD 2784.6 million by 2030 with a CAGR of 15.1% during review period.

HFO-1234yf is a refrigerant that has a different chemical composition than traditional refrigerants used in automotive air conditioning. It is considered a hydrofluoro-olefin refrigerant.

Global key manufacturers of HFO-1234yf include Honeywell, Chemours and others. The top two producers together account for more than 99% of the market share, with the largest producer being Honeywell with 57%. The global origins are mainly located in North America and China, and North America is the largest production region, with a share of 63%. In terms of product categories, automotive air conditioning has the largest market share, with a share of about 99%, while domestic refrigeration accounts for only 1%. In terms of applications, personal use is the top application area with a market share of 87%.

The Global Info Research report includes an overview of the development of the HFO-1234yf industry chain, the market status of Personal (Automotive Air Conditioning, Domestic Refrigeration), Commercial (Automotive Air Conditioning, Domestic Refrigeration), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of HFO-1234yf.

Regionally, the report analyzes the HFO-1234yf 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

HFO-1234yf market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the HFO-1234yf 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 HFO-1234yf 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., Automotive Air Conditioning, Domestic Refrigeration).

**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 HFO-1234yf market.

**Regional Analysis:** The report involves examining the HFO-1234yf 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 HFO-1234yf market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to HFO-1234yf:

**Company Analysis:** Report covers individual HFO-1234yf 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 HFO-1234yf This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Personal, Commercial).

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

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the HFO-1234yf 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

HFO-1234yf 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

Automotive Air Conditioning

Domestic Refrigeration

#### Market segment by Application

Personal

Commercial

Others

#### Major players covered

Honeywell

## Chemours

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 HFO-1234yf product scope, market overview, market estimation caveats and base year.

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

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

Chapter 4, the HFO-1234yf 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 HFO-1234yf 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 HFO-1234yf.

Chapter 14 and 15, to describe HFO-1234yf sales channel, distributors, customers, research findings and conclusion.

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