

# Global Third-generation HFCs Refrigerant Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global Third-generation HFCs Refrigerant market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Refrigerant is the medium used to complete energy conversion in various heat engines, mainly fluorinated refrigerant. It can be divided into ammonia, nitrogen, fluorine-containing, water and hydrocarbons, among which fluorine refrigerants with excellent thermodynamic performance are the most common. The third generation of hydrofluorocarbon (HFCs) refrigerants are represented by HFC-32 (R32), HFC-134a (R134A), HFC-125 (R125) and HFC-410a (R410a). Their ODP is zero, which does not damage the ozone layer, but the GWP value is high, and the greenhouse effect is significant. Third-generation refrigerants are widely used abroad. At present, they are in the early stage of elimination in some developed countries. Some developing countries, including China, have entered the quota reference period (2020 - 2022). During this period, the production and sales of third-generation refrigerants will become the main reference index for future manufacturers to obtain quotas. The replacement process of refrigerants is slow. It takes 8-10 years from the beginning of using a refrigerant to the end of the refrigeration equipment. There is still a large demand for the third generation of fluorinated refrigerants.

This report studies the global Third-generation HFCs Refrigerant production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Third-generation HFCs Refrigerant, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Third-generation HFCs

Refrigerant that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Third-generation HFCs Refrigerant total production and demand, 2018-2029, (Tons)

Global Third-generation HFCs Refrigerant total production value, 2018-2029, (USD Million)

Global Third-generation HFCs Refrigerant production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Third-generation HFCs Refrigerant consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Third-generation HFCs Refrigerant domestic production, consumption, key domestic manufacturers and share

Global Third-generation HFCs Refrigerant production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global Third-generation HFCs Refrigerant production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Third-generation HFCs Refrigerant production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons)

This reports profiles key players in the global Third-generation HFCs Refrigerant market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Chemours, Arkema, Daikin, Orbia Advance Corporation, Honeywell, Shandong Dongyue Organosilicon Materials Co.,Ltd., Zhejiang Juhua Co.,Ltd., Jiangsu Meilan Co.,Ltd. and Zhonghao Chenguang Co.,Ltd., etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Third-generation HFCs Refrigerant market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Third-generation HFCs Refrigerant Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Third-generation HFCs Refrigerant Market, Segmentation by Type

R125 Refrigerant

R134a Refrigerant

R32 Refrigerant

R410a Refrigerant

Other

## Global Third-generation HFCs Refrigerant Market, Segmentation by Application

Refrigerator and Freezer

Air Conditioner

Fire-fighting Equipment

Other

## Companies Profiled:

Chemours

Arkema

Daikin

Orbia Advance Corporation

Honeywell

Shandong Dongyue Organosilicon Materials Co.,Ltd.

Zhejiang Juhua Co.,Ltd.

Jiangsu Meilan Co.,Ltd.

Zhonghao Chenguang Co.,Ltd.

Zhejiang Sanmei Co.,Ltd.

Zhejiang Yonghe Refrigerant Co.,Ltd.

Luxi Chemical Group Co.,Ltd.

### Key Questions Answered

1. How big is the global Third-generation HFCs Refrigerant market?
2. What is the demand of the global Third-generation HFCs Refrigerant market?
3. What is the year over year growth of the global Third-generation HFCs Refrigerant market?
4. What is the production and production value of the global Third-generation HFCs Refrigerant market?
5. Who are the key producers in the global Third-generation HFCs Refrigerant market?
6. What are the growth factors driving the market demand?

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