

Global Third-generation HFCs Refrigerant Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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Abstracts

According to our (Global Info Research) latest study, the global Third-generation HFCs Refrigerant market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

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 is a detailed and comprehensive analysis for global Third-generation HFCs Refrigerant 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 2023, are provided.

Key Features:

Global Third-generation HFCs Refrigerant market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Third-generation HFCs Refrigerant market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Third-generation HFCs Refrigerant market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Third-generation HFCs Refrigerant market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2018-2023

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 Third-generation HFCs Refrigerant

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

To assess competitive factors affecting the marketplace

This report 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 and Honeywell, etc.

This report also provides key insights about market drivers, restraints, opportunities,

new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Market Segmentation

Third-generation HFCs Refrigerant market is split by Type and by Application. For the period 2018-2029, 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

R125 Refrigerant

R134a Refrigerant

R32 Refrigerant

R410a Refrigerant

Other

Market segment by Application

Refrigerator and Freezer

Air Conditioner

Fire-fighting Equipment

Other

Major players covered

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.

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 Third-generation HFCs Refrigerant product scope, market

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overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Third-generation HFCs Refrigerant, with price, sales, revenue and global market share of Third-generation HFCs Refrigerant from 2018 to 2023.

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

Chapter 4, the Third-generation HFCs Refrigerant breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

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 2022. and Third-generation HFCs Refrigerant market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Third-generation HFCs Refrigerant.

Chapter 14 and 15, to describe Third-generation HFCs Refrigerant sales channel, distributors, customers, research findings and conclusion.

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