

# Hydrofluoroolefins (HFOs) Refrigerants Market, Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/HFC8B0E4E3BAEN.html>

Date: June 2022

Pages: 70

Price: US\$ 3,250.00 (Single User License)

ID: HFC8B0E4E3BAEN

## Abstracts

HFO refrigerants are categorized as having zero ozone depletion potential (ODP) and low global warming potential (GWP) and so offer a more environmentally friendly alternative to CFC, HCFC, and HFC refrigerants.

This report contains market size and forecasts of Hydrofluoroolefins (HFOs) Refrigerants in global, including the following market information:

Global Hydrofluoroolefins (HFOs) Refrigerants Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Hydrofluoroolefins (HFOs) Refrigerants Market Sales, 2017-2022, 2023-2028, (Tons)

Global top five Hydrofluoroolefins (HFOs) Refrigerants companies in 2021 (%)

The global Hydrofluoroolefins (HFOs) Refrigerants market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

R1234ze Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Hydrofluoroolefins (HFOs) Refrigerants include Chemours, Honeywell, Arkema, Gas Servei and Zhejiang Juhua, etc. In 2021, the

global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Hydrofluoroolefins (HFOs) Refrigerants manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Hydrofluoroolefins (HFOs) Refrigerants Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (Tons)

Global Hydrofluoroolefins (HFOs) Refrigerants Market Segment Percentages, by Type, 2021 (%)

R1234ze

R1234yf

Other

Global Hydrofluoroolefins (HFOs) Refrigerants Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (Tons)

Global Hydrofluoroolefins (HFOs) Refrigerants Market Segment Percentages, by Application, 2021 (%)

Air Conditioner

Heat Pump

Other

Global Hydrofluoroolefins (HFOs) Refrigerants Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (Tons)

Global Hydrofluoroolefins (HFOs) Refrigerants Market Segment Percentages, By

## Region and Country, 2021 (%)

### North America

US

Canada

Mexico

### Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

### Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

## Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Hydrofluoroolefins (HFOs) Refrigerants revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Hydrofluoroolefins (HFOs) Refrigerants revenues share in global market, 2021 (%)

Key companies Hydrofluoroolefins (HFOs) Refrigerants sales in global market, 2017-2022 (Estimated), (Tons)

Key companies Hydrofluoroolefins (HFOs) Refrigerants sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Chemours

Honeywell

Arkema

Gas Servei

Zhejiang Juhua

## Contents

### **1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS**

- 1.1 Hydrofluoroolefins (HFOs) Refrigerants Market Definition
- 1.2 Market Segments
  - 1.2.1 Market by Type
  - 1.2.2 Market by Application
- 1.3 Global Hydrofluoroolefins (HFOs) Refrigerants Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
  - 1.5.1 Research Methodology
  - 1.5.2 Research Process
  - 1.5.3 Base Year
  - 1.5.4 Report Assumptions & Caveats

### **2 GLOBAL HYDROFLUOROOLEFINS (HFOS) REFRIGERANTS OVERALL MARKET SIZE**

- 2.1 Global Hydrofluoroolefins (HFOs) Refrigerants Market Size: 2021 VS 2028
- 2.2 Global Hydrofluoroolefins (HFOs) Refrigerants Revenue, Prospects & Forecasts: 2017-2028
- 2.3 Global Hydrofluoroolefins (HFOs) Refrigerants Sales: 2017-2028

### **3 COMPANY LANDSCAPE**

- 3.1 Top Hydrofluoroolefins (HFOs) Refrigerants Players in Global Market
- 3.2 Top Global Hydrofluoroolefins (HFOs) Refrigerants Companies Ranked by Revenue
- 3.3 Global Hydrofluoroolefins (HFOs) Refrigerants Revenue by Companies
- 3.4 Global Hydrofluoroolefins (HFOs) Refrigerants Sales by Companies
- 3.5 Global Hydrofluoroolefins (HFOs) Refrigerants Price by Manufacturer (2017-2022)
- 3.6 Top 3 and Top 5 Hydrofluoroolefins (HFOs) Refrigerants Companies in Global Market, by Revenue in 2021
- 3.7 Global Manufacturers Hydrofluoroolefins (HFOs) Refrigerants Product Type
- 3.8 Tier 1, Tier 2 and Tier 3 Hydrofluoroolefins (HFOs) Refrigerants Players in Global Market
  - 3.8.1 List of Global Tier 1 Hydrofluoroolefins (HFOs) Refrigerants Companies
  - 3.8.2 List of Global Tier 2 and Tier 3 Hydrofluoroolefins (HFOs) Refrigerants Companies

## 4 SIGHTS BY PRODUCT

### 4.1 Overview

4.1.1 By Type - Global Hydrofluoroolefins (HFOs) Refrigerants Market Size Markets, 2021 & 2028

4.1.2 R1234ze

4.1.3 R1234yf

4.1.4 Other

### 4.2 By Type - Global Hydrofluoroolefins (HFOs) Refrigerants Revenue & Forecasts

4.2.1 By Type - Global Hydrofluoroolefins (HFOs) Refrigerants Revenue, 2017-2022

4.2.2 By Type - Global Hydrofluoroolefins (HFOs) Refrigerants Revenue, 2023-2028

4.2.3 By Type - Global Hydrofluoroolefins (HFOs) Refrigerants Revenue Market Share, 2017-2028

### 4.3 By Type - Global Hydrofluoroolefins (HFOs) Refrigerants Sales & Forecasts

4.3.1 By Type - Global Hydrofluoroolefins (HFOs) Refrigerants Sales, 2017-2022

4.3.2 By Type - Global Hydrofluoroolefins (HFOs) Refrigerants Sales, 2023-2028

4.3.3 By Type - Global Hydrofluoroolefins (HFOs) Refrigerants Sales Market Share, 2017-2028

### 4.4 By Type - Global Hydrofluoroolefins (HFOs) Refrigerants Price (Manufacturers Selling Prices), 2017-2028

## 5 SIGHTS BY APPLICATION

### 5.1 Overview

5.1.1 By Application - Global Hydrofluoroolefins (HFOs) Refrigerants Market Size, 2021 & 2028

5.1.2 Air Conditioner

5.1.3 Heat Pump

5.1.4 Other

### 5.2 By Application - Global Hydrofluoroolefins (HFOs) Refrigerants Revenue & Forecasts

5.2.1 By Application - Global Hydrofluoroolefins (HFOs) Refrigerants Revenue, 2017-2022

5.2.2 By Application - Global Hydrofluoroolefins (HFOs) Refrigerants Revenue, 2023-2028

5.2.3 By Application - Global Hydrofluoroolefins (HFOs) Refrigerants Revenue Market Share, 2017-2028

### 5.3 By Application - Global Hydrofluoroolefins (HFOs) Refrigerants Sales & Forecasts

- 5.3.1 By Application - Global Hydrofluoroolefins (HFOs) Refrigerants Sales, 2017-2022
- 5.3.2 By Application - Global Hydrofluoroolefins (HFOs) Refrigerants Sales, 2023-2028
- 5.3.3 By Application - Global Hydrofluoroolefins (HFOs) Refrigerants Sales Market Share, 2017-2028
- 5.4 By Application - Global Hydrofluoroolefins (HFOs) Refrigerants Price (Manufacturers Selling Prices), 2017-2028

## **6 SIGHTS BY REGION**

- 6.1 By Region - Global Hydrofluoroolefins (HFOs) Refrigerants Market Size, 2021 & 2028
- 6.2 By Region - Global Hydrofluoroolefins (HFOs) Refrigerants Revenue & Forecasts
  - 6.2.1 By Region - Global Hydrofluoroolefins (HFOs) Refrigerants Revenue, 2017-2022
  - 6.2.2 By Region - Global Hydrofluoroolefins (HFOs) Refrigerants Revenue, 2023-2028
  - 6.2.3 By Region - Global Hydrofluoroolefins (HFOs) Refrigerants Revenue Market Share, 2017-2028
- 6.3 By Region - Global Hydrofluoroolefins (HFOs) Refrigerants Sales & Forecasts
  - 6.3.1 By Region - Global Hydrofluoroolefins (HFOs) Refrigerants Sales, 2017-2022
  - 6.3.2 By Region - Global Hydrofluoroolefins (HFOs) Refrigerants Sales, 2023-2028
  - 6.3.3 By Region - Global Hydrofluoroolefins (HFOs) Refrigerants Sales Market Share, 2017-2028
- 6.4 North America
  - 6.4.1 By Country - North America Hydrofluoroolefins (HFOs) Refrigerants Revenue, 2017-2028
  - 6.4.2 By Country - North America Hydrofluoroolefins (HFOs) Refrigerants Sales, 2017-2028
  - 6.4.3 US Hydrofluoroolefins (HFOs) Refrigerants Market Size, 2017-2028
  - 6.4.4 Canada Hydrofluoroolefins (HFOs) Refrigerants Market Size, 2017-2028
  - 6.4.5 Mexico Hydrofluoroolefins (HFOs) Refrigerants Market Size, 2017-2028
- 6.5 Europe
  - 6.5.1 By Country - Europe Hydrofluoroolefins (HFOs) Refrigerants Revenue, 2017-2028
  - 6.5.2 By Country - Europe Hydrofluoroolefins (HFOs) Refrigerants Sales, 2017-2028
  - 6.5.3 Germany Hydrofluoroolefins (HFOs) Refrigerants Market Size, 2017-2028
  - 6.5.4 France Hydrofluoroolefins (HFOs) Refrigerants Market Size, 2017-2028
  - 6.5.5 U.K. Hydrofluoroolefins (HFOs) Refrigerants Market Size, 2017-2028
  - 6.5.6 Italy Hydrofluoroolefins (HFOs) Refrigerants Market Size, 2017-2028
  - 6.5.7 Russia Hydrofluoroolefins (HFOs) Refrigerants Market Size, 2017-2028
  - 6.5.8 Nordic Countries Hydrofluoroolefins (HFOs) Refrigerants Market Size,



## 2017-2028

6.5.9 Benelux Hydrofluoroolefins (HFOs) Refrigerants Market Size, 2017-2028

## 6.6 Asia

6.6.1 By Region - Asia Hydrofluoroolefins (HFOs) Refrigerants Revenue, 2017-2028

6.6.2 By Region - Asia Hydrofluoroolefins (HFOs) Refrigerants Sales, 2017-2028

6.6.3 China Hydrofluoroolefins (HFOs) Refrigerants Market Size, 2017-2028

6.6.4 Japan Hydrofluoroolefins (HFOs) Refrigerants Market Size, 2017-2028

6.6.5 South Korea Hydrofluoroolefins (HFOs) Refrigerants Market Size, 2017-2028

6.6.6 Southeast Asia Hydrofluoroolefins (HFOs) Refrigerants Market Size, 2017-2028

6.6.7 India Hydrofluoroolefins (HFOs) Refrigerants Market Size, 2017-2028

## 6.7 South America

6.7.1 By Country - South America Hydrofluoroolefins (HFOs) Refrigerants Revenue, 2017-2028

6.7.2 By Country - South America Hydrofluoroolefins (HFOs) Refrigerants Sales, 2017-2028

6.7.3 Brazil Hydrofluoroolefins (HFOs) Refrigerants Market Size, 2017-2028

6.7.4 Argentina Hydrofluoroolefins (HFOs) Refrigerants Market Size, 2017-2028

## 6.8 Middle East & Africa

6.8.1 By Country - Middle East & Africa Hydrofluoroolefins (HFOs) Refrigerants Revenue, 2017-2028

6.8.2 By Country - Middle East & Africa Hydrofluoroolefins (HFOs) Refrigerants Sales, 2017-2028

6.8.3 Turkey Hydrofluoroolefins (HFOs) Refrigerants Market Size, 2017-2028

6.8.4 Israel Hydrofluoroolefins (HFOs) Refrigerants Market Size, 2017-2028

6.8.5 Saudi Arabia Hydrofluoroolefins (HFOs) Refrigerants Market Size, 2017-2028

6.8.6 UAE Hydrofluoroolefins (HFOs) Refrigerants Market Size, 2017-2028

## 7 MANUFACTURERS & BRANDS PROFILES

### 7.1 Chemours

7.1.1 Chemours Corporate Summary

7.1.2 Chemours Business Overview

7.1.3 Chemours Hydrofluoroolefins (HFOs) Refrigerants Major Product Offerings

7.1.4 Chemours Hydrofluoroolefins (HFOs) Refrigerants Sales and Revenue in Global (2017-2022)

7.1.5 Chemours Key News

### 7.2 Honeywell

7.2.1 Honeywell Corporate Summary

7.2.2 Honeywell Business Overview

- 7.2.3 Honeywell Hydrofluoroolefins (HFOs) Refrigerants Major Product Offerings
- 7.2.4 Honeywell Hydrofluoroolefins (HFOs) Refrigerants Sales and Revenue in Global (2017-2022)
- 7.2.5 Honeywell Key News
- 7.3 Arkema
  - 7.3.1 Arkema Corporate Summary
  - 7.3.2 Arkema Business Overview
  - 7.3.3 Arkema Hydrofluoroolefins (HFOs) Refrigerants Major Product Offerings
  - 7.3.4 Arkema Hydrofluoroolefins (HFOs) Refrigerants Sales and Revenue in Global (2017-2022)
  - 7.3.5 Arkema Key News
- 7.4 Gas Servei
  - 7.4.1 Gas Servei Corporate Summary
  - 7.4.2 Gas Servei Business Overview
  - 7.4.3 Gas Servei Hydrofluoroolefins (HFOs) Refrigerants Major Product Offerings
  - 7.4.4 Gas Servei Hydrofluoroolefins (HFOs) Refrigerants Sales and Revenue in Global (2017-2022)
  - 7.4.5 Gas Servei Key News
- 7.5 Zhejiang Juhua
  - 7.5.1 Zhejiang Juhua Corporate Summary
  - 7.5.2 Zhejiang Juhua Business Overview
  - 7.5.3 Zhejiang Juhua Hydrofluoroolefins (HFOs) Refrigerants Major Product Offerings
  - 7.5.4 Zhejiang Juhua Hydrofluoroolefins (HFOs) Refrigerants Sales and Revenue in Global (2017-2022)
  - 7.5.5 Zhejiang Juhua Key News

## **8 GLOBAL HYDROFLUOROOLEFINS (HFOS) REFRIGERANTS PRODUCTION CAPACITY, ANALYSIS**

- 8.1 Global Hydrofluoroolefins (HFOs) Refrigerants Production Capacity, 2017-2028
- 8.2 Hydrofluoroolefins (HFOs) Refrigerants Production Capacity of Key Manufacturers in Global Market
- 8.3 Global Hydrofluoroolefins (HFOs) Refrigerants Production by Region

## **9 KEY MARKET TRENDS, OPPORTUNITY, DRIVERS AND RESTRAINTS**

- 9.1 Market Opportunities & Trends
- 9.2 Market Drivers
- 9.3 Market Restraints

## **10 HYDROFLUOROOLEFINS (HFOS) REFRIGERANTS SUPPLY CHAIN ANALYSIS**

10.1 Hydrofluoroolefins (HFOs) Refrigerants Industry Value Chain

10.2 Hydrofluoroolefins (HFOs) Refrigerants Upstream Market

10.3 Hydrofluoroolefins (HFOs) Refrigerants Downstream and Clients

10.4 Marketing Channels Analysis

10.4.1 Marketing Channels

10.4.2 Hydrofluoroolefins (HFOs) Refrigerants Distributors and Sales Agents in Global

## **11 CONCLUSION**

## **12 APPENDIX**

12.1 Note

12.2 Examples of Clients

12.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Key Players of Hydrofluoroolefins (HFOs) Refrigerants in Global Market

Table 2. Top Hydrofluoroolefins (HFOs) Refrigerants Players in Global Market, Ranking by Revenue (2021)

Table 3. Global Hydrofluoroolefins (HFOs) Refrigerants Revenue by Companies, (US\$, Mn), 2017-2022

Table 4. Global Hydrofluoroolefins (HFOs) Refrigerants Revenue Share by Companies, 2017-2022

Table 5. Global Hydrofluoroolefins (HFOs) Refrigerants Sales by Companies, (Tons), 2017-2022

Table 6. Global Hydrofluoroolefins (HFOs) Refrigerants Sales Share by Companies, 2017-2022

Table 7. Key Manufacturers Hydrofluoroolefins (HFOs) Refrigerants Price (2017-2022) & (US\$/Ton)

Table 8. Global Manufacturers Hydrofluoroolefins (HFOs) Refrigerants Product Type

Table 9. List of Global Tier 1 Hydrofluoroolefins (HFOs) Refrigerants Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 10. List of Global Tier 2 and Tier 3 Hydrofluoroolefins (HFOs) Refrigerants Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 11. By Type – Global Hydrofluoroolefins (HFOs) Refrigerants Revenue, (US\$, Mn), 2021 & 2028

Table 12. By Type - Global Hydrofluoroolefins (HFOs) Refrigerants Revenue (US\$, Mn), 2017-2022

Table 13. By Type - Global Hydrofluoroolefins (HFOs) Refrigerants Revenue (US\$, Mn), 2023-2028

Table 14. By Type - Global Hydrofluoroolefins (HFOs) Refrigerants Sales (Tons), 2017-2022

Table 15. By Type - Global Hydrofluoroolefins (HFOs) Refrigerants Sales (Tons), 2023-2028

Table 16. By Application – Global Hydrofluoroolefins (HFOs) Refrigerants Revenue, (US\$, Mn), 2021 & 2028

Table 17. By Application - Global Hydrofluoroolefins (HFOs) Refrigerants Revenue (US\$, Mn), 2017-2022

Table 18. By Application - Global Hydrofluoroolefins (HFOs) Refrigerants Revenue (US\$, Mn), 2023-2028

Table 19. By Application - Global Hydrofluoroolefins (HFOs) Refrigerants Sales (Tons),

2017-2022

Table 20. By Application - Global Hydrofluoroolefins (HFOs) Refrigerants Sales (Tons), 2023-2028

Table 21. By Region – Global Hydrofluoroolefins (HFOs) Refrigerants Revenue, (US\$, Mn), 2021 VS 2028

Table 22. By Region - Global Hydrofluoroolefins (HFOs) Refrigerants Revenue (US\$, Mn), 2017-2022

Table 23. By Region - Global Hydrofluoroolefins (HFOs) Refrigerants Revenue (US\$, Mn), 2023-2028

Table 24. By Region - Global Hydrofluoroolefins (HFOs) Refrigerants Sales (Tons), 2017-2022

Table 25. By Region - Global Hydrofluoroolefins (HFOs) Refrigerants Sales (Tons), 2023-2028

Table 26. By Country - North America Hydrofluoroolefins (HFOs) Refrigerants Revenue, (US\$, Mn), 2017-2022

Table 27. By Country - North America Hydrofluoroolefins (HFOs) Refrigerants Revenue, (US\$, Mn), 2023-2028

Table 28. By Country - North America Hydrofluoroolefins (HFOs) Refrigerants Sales, (Tons), 2017-2022

Table 29. By Country - North America Hydrofluoroolefins (HFOs) Refrigerants Sales, (Tons), 2023-2028

Table 30. By Country - Europe Hydrofluoroolefins (HFOs) Refrigerants Revenue, (US\$, Mn), 2017-2022

Table 31. By Country - Europe Hydrofluoroolefins (HFOs) Refrigerants Revenue, (US\$, Mn), 2023-2028

Table 32. By Country - Europe Hydrofluoroolefins (HFOs) Refrigerants Sales, (Tons), 2017-2022

Table 33. By Country - Europe Hydrofluoroolefins (HFOs) Refrigerants Sales, (Tons), 2023-2028

Table 34. By Region - Asia Hydrofluoroolefins (HFOs) Refrigerants Revenue, (US\$, Mn), 2017-2022

Table 35. By Region - Asia Hydrofluoroolefins (HFOs) Refrigerants Revenue, (US\$, Mn), 2023-2028

Table 36. By Region - Asia Hydrofluoroolefins (HFOs) Refrigerants Sales, (Tons), 2017-2022

Table 37. By Region - Asia Hydrofluoroolefins (HFOs) Refrigerants Sales, (Tons), 2023-2028

Table 38. By Country - South America Hydrofluoroolefins (HFOs) Refrigerants Revenue, (US\$, Mn), 2017-2022

- Table 39. By Country - South America Hydrofluoroolefins (HFOs) Refrigerants Revenue, (US\$, Mn), 2023-2028
- Table 40. By Country - South America Hydrofluoroolefins (HFOs) Refrigerants Sales, (Tons), 2017-2022
- Table 41. By Country - South America Hydrofluoroolefins (HFOs) Refrigerants Sales, (Tons), 2023-2028
- Table 42. By Country - Middle East & Africa Hydrofluoroolefins (HFOs) Refrigerants Revenue, (US\$, Mn), 2017-2022
- Table 43. By Country - Middle East & Africa Hydrofluoroolefins (HFOs) Refrigerants Revenue, (US\$, Mn), 2023-2028
- Table 44. By Country - Middle East & Africa Hydrofluoroolefins (HFOs) Refrigerants Sales, (Tons), 2017-2022
- Table 45. By Country - Middle East & Africa Hydrofluoroolefins (HFOs) Refrigerants Sales, (Tons), 2023-2028
- Table 46. Chemours Corporate Summary
- Table 47. Chemours Hydrofluoroolefins (HFOs) Refrigerants Product Offerings
- Table 48. Chemours Hydrofluoroolefins (HFOs) Refrigerants Sales (Tons), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)
- Table 49. Honeywell Corporate Summary
- Table 50. Honeywell Hydrofluoroolefins (HFOs) Refrigerants Product Offerings
- Table 51. Honeywell Hydrofluoroolefins (HFOs) Refrigerants Sales (Tons), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)
- Table 52. Arkema Corporate Summary
- Table 53. Arkema Hydrofluoroolefins (HFOs) Refrigerants Product Offerings
- Table 54. Arkema Hydrofluoroolefins (HFOs) Refrigerants Sales (Tons), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)
- Table 55. Gas Servei Corporate Summary
- Table 56. Gas Servei Hydrofluoroolefins (HFOs) Refrigerants Product Offerings
- Table 57. Gas Servei Hydrofluoroolefins (HFOs) Refrigerants Sales (Tons), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)
- Table 58. Zhejiang Juhua Corporate Summary
- Table 59. Zhejiang Juhua Hydrofluoroolefins (HFOs) Refrigerants Product Offerings
- Table 60. Zhejiang Juhua Hydrofluoroolefins (HFOs) Refrigerants Sales (Tons), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)
- Table 61. Hydrofluoroolefins (HFOs) Refrigerants Production Capacity (Tons) of Key Manufacturers in Global Market, 2020-2022 (Tons)
- Table 62. Global Hydrofluoroolefins (HFOs) Refrigerants Capacity Market Share of Key Manufacturers, 2020-2022
- Table 63. Global Hydrofluoroolefins (HFOs) Refrigerants Production by Region,

2017-2022 (Tons)

Table 64. Global Hydrofluoroolefins (HFOs) Refrigerants Production by Region, 2023-2028 (Tons)

Table 65. Hydrofluoroolefins (HFOs) Refrigerants Market Opportunities & Trends in Global Market

Table 66. Hydrofluoroolefins (HFOs) Refrigerants Market Drivers in Global Market

Table 67. Hydrofluoroolefins (HFOs) Refrigerants Market Restraints in Global Market

Table 68. Hydrofluoroolefins (HFOs) Refrigerants Raw Materials

Table 69. Hydrofluoroolefins (HFOs) Refrigerants Raw Materials Suppliers in Global Market

Table 70. Typical Hydrofluoroolefins (HFOs) Refrigerants Downstream

Table 71. Hydrofluoroolefins (HFOs) Refrigerants Downstream Clients in Global Market

Table 72. Hydrofluoroolefins (HFOs) Refrigerants Distributors and Sales Agents in Global Market

## List Of Figures

### LIST OF FIGURES

- Figure 1. Hydrofluoroolefins (HFOs) Refrigerants Segment by Type
- Figure 2. Hydrofluoroolefins (HFOs) Refrigerants Segment by Application
- Figure 3. Global Hydrofluoroolefins (HFOs) Refrigerants Market Overview: 2021
- Figure 4. Key Caveats
- Figure 5. Global Hydrofluoroolefins (HFOs) Refrigerants Market Size: 2021 VS 2028 (US\$, Mn)
- Figure 6. Global Hydrofluoroolefins (HFOs) Refrigerants Revenue, 2017-2028 (US\$, Mn)
- Figure 7. Hydrofluoroolefins (HFOs) Refrigerants Sales in Global Market: 2017-2028 (Tons)
- Figure 8. The Top 3 and 5 Players Market Share by Hydrofluoroolefins (HFOs) Refrigerants Revenue in 2021
- Figure 9. By Type - Global Hydrofluoroolefins (HFOs) Refrigerants Sales Market Share, 2017-2028
- Figure 10. By Type - Global Hydrofluoroolefins (HFOs) Refrigerants Revenue Market Share, 2017-2028
- Figure 11. By Type - Global Hydrofluoroolefins (HFOs) Refrigerants Price (US\$/Ton), 2017-2028
- Figure 12. By Application - Global Hydrofluoroolefins (HFOs) Refrigerants Sales Market Share, 2017-2028
- Figure 13. By Application - Global Hydrofluoroolefins (HFOs) Refrigerants Revenue Market Share, 2017-2028
- Figure 14. By Application - Global Hydrofluoroolefins (HFOs) Refrigerants Price (US\$/Ton), 2017-2028
- Figure 15. By Region - Global Hydrofluoroolefins (HFOs) Refrigerants Sales Market Share, 2017-2028
- Figure 16. By Region - Global Hydrofluoroolefins (HFOs) Refrigerants Revenue Market Share, 2017-2028
- Figure 17. By Country - North America Hydrofluoroolefins (HFOs) Refrigerants Revenue Market Share, 2017-2028
- Figure 18. By Country - North America Hydrofluoroolefins (HFOs) Refrigerants Sales Market Share, 2017-2028
- Figure 19. US Hydrofluoroolefins (HFOs) Refrigerants Revenue, (US\$, Mn), 2017-2028
- Figure 20. Canada Hydrofluoroolefins (HFOs) Refrigerants Revenue, (US\$, Mn), 2017-2028



Figure 21. Mexico Hydrofluoroolefins (HFOs) Refrigerants Revenue, (US\$, Mn), 2017-2028

Figure 22. By Country - Europe Hydrofluoroolefins (HFOs) Refrigerants Revenue Market Share, 2017-2028

Figure 23. By Country - Europe Hydrofluoroolefins (HFOs) Refrigerants Sales Market Share, 2017-2028

Figure 24. Germany Hydrofluoroolefins (HFOs) Refrigerants Revenue, (US\$, Mn), 2017-2028

Figure 25. France Hydrofluoroolefins (HFOs) Refrigerants Revenue, (US\$, Mn), 2017-2028

Figure 26. U.K. Hydrofluoroolefins (HFOs) Refrigerants Revenue, (US\$, Mn), 2017-2028

Figure 27. Italy Hydrofluoroolefins (HFOs) Refrigerants Revenue, (US\$, Mn), 2017-2028

Figure 28. Russia Hydrofluoroolefins (HFOs) Refrigerants Revenue, (US\$, Mn), 2017-2028

Figure 29. Nordic Countries Hydrofluoroolefins (HFOs) Refrigerants Revenue, (US\$, Mn), 2017-2028

Figure 30. Benelux Hydrofluoroolefins (HFOs) Refrigerants Revenue, (US\$, Mn), 2017-2028

Figure 31. By Region - Asia Hydrofluoroolefins (HFOs) Refrigerants Revenue Market Share, 2017-2028

Figure 32. By Region - Asia Hydrofluoroolefins (HFOs) Refrigerants Sales Market Share, 2017-2028

Figure 33. China Hydrofluoroolefins (HFOs) Refrigerants Revenue, (US\$, Mn), 2017-2028

Figure 34. Japan Hydrofluoroolefins (HFOs) Refrigerants Revenue, (US\$, Mn), 2017-2028

Figure 35. South Korea Hydrofluoroolefins (HFOs) Refrigerants Revenue, (US\$, Mn), 2017-2028

Figure 36. Southeast Asia Hydrofluoroolefins (HFOs) Refrigerants Revenue, (US\$, Mn), 2017-2028

Figure 37. India Hydrofluoroolefins (HFOs) Refrigerants Revenue, (US\$, Mn), 2017-2028

Figure 38. By Country - South America Hydrofluoroolefins (HFOs) Refrigerants Revenue Market Share, 2017-2028

Figure 39. By Country - South America Hydrofluoroolefins (HFOs) Refrigerants Sales Market Share, 2017-2028

Figure 40. Brazil Hydrofluoroolefins (HFOs) Refrigerants Revenue, (US\$, Mn), 2017-2028

Figure 41. Argentina Hydrofluoroolefins (HFOs) Refrigerants Revenue, (US\$, Mn), 2017-2028

Figure 42. By Country - Middle East & Africa Hydrofluoroolefins (HFOs) Refrigerants Revenue Market Share, 2017-2028

Figure 43. By Country - Middle East & Africa Hydrofluoroolefins (HFOs) Refrigerants Sales Market Share, 2017-2028

Figure 44. Turkey Hydrofluoroolefins (HFOs) Refrigerants Revenue, (US\$, Mn), 2017-2028

Figure 45. Israel Hydrofluoroolefins (HFOs) Refrigerants Revenue, (US\$, Mn), 2017-2028

Figure 46. Saudi Arabia Hydrofluoroolefins (HFOs) Refrigerants Revenue, (US\$, Mn), 2017-2028

Figure 47. UAE Hydrofluoroolefins (HFOs) Refrigerants Revenue, (US\$, Mn), 2017-2028

Figure 48. Global Hydrofluoroolefins (HFOs) Refrigerants Production Capacity (Tons), 2017-2028

Figure 49. The Percentage of Production Hydrofluoroolefins (HFOs) Refrigerants by Region, 2021 VS 2028

Figure 50. Hydrofluoroolefins (HFOs) Refrigerants Industry Value Chain

Figure 51. Marketing Channels

## I would like to order

Product name: Hydrofluoroolefins (HFOs) Refrigerants Market, Global Outlook and Forecast 2022-2028

Product link: <https://marketpublishers.com/r/HFC8B0E4E3BAEN.html>

Price: US\$ 3,250.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/HFC8B0E4E3BAEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970