

Global Refrigerant R23 Market Research Report 2025(Status and Outlook)

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Abstracts

Report Overview

Refrigerant R23, also known as trifluoromethane, is a hydrofluorocarbon (HFC) compound used as a refrigerant in low-temperature applications. With a molecular formula of CHF_3 and a boiling point of -82.1 degrees Celsius (-115.8 degrees Fahrenheit), R23 is well-suited for cooling systems that require extremely low temperatures. It is commonly employed in industrial refrigeration, cryogenic systems, and research laboratories. However, it is crucial to note that R23 has a high global warming potential (GWP), contributing to climate change. Due to environmental concerns, there is a growing trend in the industry to phase out or restrict the use of R23 and adopt more environmentally friendly refrigerants with lower GWPs.

This report provides a deep insight into the global Refrigerant R23 market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global Refrigerant R23 Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Refrigerant R23 market in any manner.

Global Refrigerant R23 Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

DowDuPont

Linde

Honeywell

Stargate group

Gas Servei S.A.

Ajay Air Products

Daikin

Arkema

Chemours

Shanghai 3F New Material

Sinochem Lantian

Market Segmentation (by Type)

Disposable Steel Cylinders

Refillsble Steel Cylinders

Market Segmentation (by Application)

Cryogenic Coolant

Fire Extinguishing Agent

Others

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Refrigerant R23 Market

Overview of the regional outlook of the Refrigerant R23 Market:

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning

recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Refrigerant R23 Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

1.1 Market Definition and Statistical Scope of Refrigerant R23

1.2 Key Market Segments

1.2.1 Refrigerant R23 Segment by Type

1.2.2 Refrigerant R23 Segment by Application

1.3 Methodology & Sources of Information

1.3.1 Research Methodology

1.3.2 Research Process

1.3.3 Market Breakdown and Data Triangulation

1.3.4 Base Year

1.3.5 Report Assumptions & Caveats

2 REFRIGERANT R23 MARKET OVERVIEW

2.1 Global Market Overview

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

3 REFRIGERANT R23 MARKET COMPETITIVE LANDSCAPE

3.1 Company Assessment Quadrant

3.2 Global Refrigerant R23 Product Life Cycle

3.3 Global Refrigerant R23 Revenue Market Share by Company (2020-2025)

3.4 Refrigerant R23 Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.5 Refrigerant R23 Company Headquarters, Area Served, Product Type

3.6 Refrigerant R23 Market Competitive Situation and Trends

3.6.1 Refrigerant R23 Market Concentration Rate

3.6.2 Global 5 and 10 Largest Refrigerant R23 Players Market Share by Revenue

3.6.3 Mergers & Acquisitions, Expansion

4 REFRIGERANT R23 VALUE CHAIN ANALYSIS

4.1 Refrigerant R23 Value Chain Analysis

4.2 Midstream Market Analysis

4.3 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF REFRIGERANT R23 MARKET

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Industry News

5.4.1 New Product Developments

5.4.2 Mergers & Acquisitions

5.4.3 Expansions

5.4.4 Collaboration/Supply Contracts

5.5 PEST Analysis

5.5.1 Industry Policies Analysis

5.5.2 Economic Environment Analysis

5.5.3 Social Environment Analysis

5.5.4 Technological Environment Analysis

5.6 Global Refrigerant R23 Market Porter's Five Forces Analysis

6 REFRIGERANT R23 MARKET SEGMENTATION BY TYPE

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global Refrigerant R23 Market Size Market Share by Type (2020-2025)

6.3 Global Refrigerant R23 Market Size Growth Rate by Type (2021-2025)

7 REFRIGERANT R23 MARKET SEGMENTATION BY APPLICATION

7.1 Evaluation Matrix of Segment Market Development Potential (Application)

7.2 Global Refrigerant R23 Market Size (M USD) by Application (2020-2025)

7.3 Global Refrigerant R23 Sales Growth Rate by Application (2020-2025)

8 REFRIGERANT R23 MARKET SEGMENTATION BY REGION

8.1 Global Refrigerant R23 Market Size by Region

8.1.1 Global Refrigerant R23 Market Size by Region

8.1.2 Global Refrigerant R23 Market Size Market Share by Region

8.2 North America

8.2.1 North America Refrigerant R23 Market Size by Country

8.2.2 U.S.

8.2.3 Canada

8.2.4 Mexico

8.3 Europe

8.3.1 Europe Refrigerant R23 Market Size by Country

8.3.2 Germany

8.3.3 France

8.3.4 U.K.

8.3.5 Italy

8.3.6 Spain

8.4 Asia Pacific

8.4.1 Asia Pacific Refrigerant R23 Market Size by Region

8.4.2 China

8.4.3 Japan

8.4.4 South Korea

8.4.5 India

8.4.6 Southeast Asia

8.5 South America

8.5.1 South America Refrigerant R23 Market Size by Country

8.5.2 Brazil

8.5.3 Argentina

8.5.4 Columbia

8.6 Middle East and Africa

8.6.1 Middle East and Africa Refrigerant R23 Market Size by Region

8.6.2 Saudi Arabia

8.6.3 UAE

8.6.4 Egypt

8.6.5 Nigeria

8.6.6 South Africa

9 KEY COMPANIES PROFILE

9.1 DowDuPont

9.1.1 DowDuPont Basic Information

9.1.2 DowDuPont Refrigerant R23 Product Overview

9.1.3 DowDuPont Refrigerant R23 Product Market Performance

9.1.4 DowDuPont SWOT Analysis

9.1.5 DowDuPont Business Overview

9.1.6 DowDuPont Recent Developments

9.2 Linde

9.2.1 Linde Basic Information

9.2.2 Linde Refrigerant R23 Product Overview

- 9.2.3 Linde Refrigerant R23 Product Market Performance
- 9.2.4 Linde SWOT Analysis
- 9.2.5 Linde Business Overview
- 9.2.6 Linde Recent Developments
- 9.3 Honeywell
 - 9.3.1 Honeywell Basic Information
 - 9.3.2 Honeywell Refrigerant R23 Product Overview
 - 9.3.3 Honeywell Refrigerant R23 Product Market Performance
 - 9.3.4 Honeywell SWOT Analysis
 - 9.3.5 Honeywell Business Overview
 - 9.3.6 Honeywell Recent Developments
- 9.4 Starget group
 - 9.4.1 Starget group Basic Information
 - 9.4.2 Starget group Refrigerant R23 Product Overview
 - 9.4.3 Starget group Refrigerant R23 Product Market Performance
 - 9.4.4 Starget group Business Overview
 - 9.4.5 Starget group Recent Developments
- 9.5 Gas Servei S.A.
 - 9.5.1 Gas Servei S.A. Basic Information
 - 9.5.2 Gas Servei S.A. Refrigerant R23 Product Overview
 - 9.5.3 Gas Servei S.A. Refrigerant R23 Product Market Performance
 - 9.5.4 Gas Servei S.A. Business Overview
 - 9.5.5 Gas Servei S.A. Recent Developments
- 9.6 Ajay Air Products
 - 9.6.1 Ajay Air Products Basic Information
 - 9.6.2 Ajay Air Products Refrigerant R23 Product Overview
 - 9.6.3 Ajay Air Products Refrigerant R23 Product Market Performance
 - 9.6.4 Ajay Air Products Business Overview
 - 9.6.5 Ajay Air Products Recent Developments
- 9.7 Daikin
 - 9.7.1 Daikin Basic Information
 - 9.7.2 Daikin Refrigerant R23 Product Overview
 - 9.7.3 Daikin Refrigerant R23 Product Market Performance
 - 9.7.4 Daikin Business Overview
 - 9.7.5 Daikin Recent Developments
- 9.8 Arkema
 - 9.8.1 Arkema Basic Information
 - 9.8.2 Arkema Refrigerant R23 Product Overview
 - 9.8.3 Arkema Refrigerant R23 Product Market Performance

9.8.4 Arkema Business Overview

9.8.5 Arkema Recent Developments

9.9 Chemours

9.9.1 Chemours Basic Information

9.9.2 Chemours Refrigerant R23 Product Overview

9.9.3 Chemours Refrigerant R23 Product Market Performance

9.9.4 Chemours Business Overview

9.9.5 Chemours Recent Developments

9.10 Shanghai 3F New Material

9.10.1 Shanghai 3F New Material Basic Information

9.10.2 Shanghai 3F New Material Refrigerant R23 Product Overview

9.10.3 Shanghai 3F New Material Refrigerant R23 Product Market Performance

9.10.4 Shanghai 3F New Material Business Overview

9.10.5 Shanghai 3F New Material Recent Developments

9.11 Sinochem Lantian

9.11.1 Sinochem Lantian Basic Information

9.11.2 Sinochem Lantian Refrigerant R23 Product Overview

9.11.3 Sinochem Lantian Refrigerant R23 Product Market Performance

9.11.4 Sinochem Lantian Business Overview

9.11.5 Sinochem Lantian Recent Developments

10 REFRIGERANT R23 MARKET FORECAST BY REGION

10.1 Global Refrigerant R23 Market Size Forecast

10.2 Global Refrigerant R23 Market Forecast by Region

10.2.1 North America Market Size Forecast by Country

10.2.2 Europe Refrigerant R23 Market Size Forecast by Country

10.2.3 Asia Pacific Refrigerant R23 Market Size Forecast by Region

10.2.4 South America Refrigerant R23 Market Size Forecast by Country

10.2.5 Middle East and Africa Forecasted Sales of Refrigerant R23 by Country

11 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2033)

11.1 Global Refrigerant R23 Market Forecast by Type (2026-2033)

11.2 Global Refrigerant R23 Market Forecast by Application (2026-2033)

12 CONCLUSION AND KEY FINDINGS

List of Tables

Table 1. Introduction of the Type

Table 2. Introduction of the Application
Table 3. Market Size (M USD) Segment Executive Summary
Table 4. Refrigerant R23 Market Size Comparison by Region (M USD)
Table 5. Global Refrigerant R23 Revenue (M USD) by Company (2020-2025)
Table 6. Global Refrigerant R23 Revenue Share by Company (2020-2025)
Table 7. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Refrigerant R23 as of 2024)
Table 8. Refrigerant R23 Company Headquarters and Area Served
Table 9. Company Refrigerant R23 Product Type
Table 10. Global Refrigerant R23 Company Market Concentration Ratio (CR5 and HHI)
Table 11. Mergers & Acquisitions, Expansion Plans
Table 12. Midstream Market Analysis
Table 13. Downstream Customer Analysis
Table 14. Key Development Trends
Table 15. Driving Factors
Table 16. Refrigerant R23 Market Challenges
Table 17. Goldman Sachs' forecast real GDP growth rate for 2024-2026
Table 18. S&P Global ' Forecast Real GDP Growth Rate For 2024-2027
Table 19. World Bank ' Forecast Real GDP Growth Rate For 2024-2026
Table 20. Global Refrigerant R23 Market Size by Type (M USD)
Table 21. Global Refrigerant R23 Market Size (M USD) by Type (2020-2025)
Table 22. Global Refrigerant R23 Market Size Share by Type (2020-2025)
Table 23. Global Refrigerant R23 Market Size Growth Rate by Type (2021-2025)
Table 24. Global Refrigerant R23 Market Size by Application
Table 25. Global Refrigerant R23 Market Size by Application (2020-2025) & (M USD)
Table 26. Global Refrigerant R23 Market Share by Application (2020-2025)
Table 27. Global Refrigerant R23 Sales Growth Rate by Application (2020-2025)
Table 28. Global Refrigerant R23 Market Size by Region (2020-2025) & (M USD)
Table 29. Global Refrigerant R23 Market Size Market Share by Region (2020-2025)
Table 30. North America Refrigerant R23 Market Size by Country (2020-2025) & (M USD)
Table 31. Europe Refrigerant R23 Market Size by Country (2020-2025) & (M USD)
Table 32. Asia Pacific Refrigerant R23 Market Size by Region (2020-2025) & (M USD)
Table 33. South America Refrigerant R23 Market Size by Country (2020-2025) & (M USD)
Table 34. Middle East and Africa Refrigerant R23 Market Size by Region (2020-2025) & (M USD)
Table 35. DowDuPont Basic Information
Table 36. DowDuPont Refrigerant R23 Product Overview

Table 37. DowDuPont Refrigerant R23 Revenue (M USD) and Gross Margin (2020-2025)
Table 38. DowDuPont SWOT Analysis
Table 39. DowDuPont Business Overview
Table 40. DowDuPont Recent Developments
Table 41. Linde Basic Information
Table 42. Linde Refrigerant R23 Product Overview
Table 43. Linde Refrigerant R23 Revenue (M USD) and Gross Margin (2020-2025)
Table 44. Linde SWOT Analysis
Table 45. Linde Business Overview
Table 46. Linde Recent Developments
Table 47. Honeywell Basic Information
Table 48. Honeywell Refrigerant R23 Product Overview
Table 49. Honeywell Refrigerant R23 Revenue (M USD) and Gross Margin (2020-2025)
Table 50. Honeywell SWOT Analysis
Table 51. Honeywell Business Overview
Table 52. Honeywell Recent Developments
Table 53. Starget group Basic Information
Table 54. Starget group Refrigerant R23 Product Overview
Table 55. Starget group Refrigerant R23 Revenue (M USD) and Gross Margin (2020-2025)
Table 56. Starget group Business Overview
Table 57. Starget group Recent Developments
Table 58. Gas Servei S.A. Basic Information
Table 59. Gas Servei S.A. Refrigerant R23 Product Overview
Table 60. Gas Servei S.A. Refrigerant R23 Revenue (M USD) and Gross Margin (2020-2025)
Table 61. Gas Servei S.A. Business Overview
Table 62. Gas Servei S.A. Recent Developments
Table 63. Ajay Air Products Basic Information
Table 64. Ajay Air Products Refrigerant R23 Product Overview
Table 65. Ajay Air Products Refrigerant R23 Revenue (M USD) and Gross Margin (2020-2025)
Table 66. Ajay Air Products Business Overview
Table 67. Ajay Air Products Recent Developments
Table 68. Daikin Basic Information
Table 69. Daikin Refrigerant R23 Product Overview
Table 70. Daikin Refrigerant R23 Revenue (M USD) and Gross Margin (2020-2025)
Table 71. Daikin Business Overview

Table 72. Daikin Recent Developments
Table 73. Arkema Basic Information
Table 74. Arkema Refrigerant R23 Product Overview
Table 75. Arkema Refrigerant R23 Revenue (M USD) and Gross Margin (2020-2025)
Table 76. Arkema Business Overview
Table 77. Arkema Recent Developments
Table 78. Chemours Basic Information
Table 79. Chemours Refrigerant R23 Product Overview
Table 80. Chemours Refrigerant R23 Revenue (M USD) and Gross Margin (2020-2025)
Table 81. Chemours Business Overview
Table 82. Chemours Recent Developments
Table 83. Shanghai 3F New Material Basic Information
Table 84. Shanghai 3F New Material Refrigerant R23 Product Overview
Table 85. Shanghai 3F New Material Refrigerant R23 Revenue (M USD) and Gross Margin (2020-2025)
Table 86. Shanghai 3F New Material Business Overview
Table 87. Shanghai 3F New Material Recent Developments
Table 88. Sinochem Lantian Basic Information
Table 89. Sinochem Lantian Refrigerant R23 Product Overview
Table 90. Sinochem Lantian Refrigerant R23 Revenue (M USD) and Gross Margin (2020-2025)
Table 91. Sinochem Lantian Business Overview
Table 92. Sinochem Lantian Recent Developments
Table 93. Global Refrigerant R23 Market Size Forecast by Region (2026-2033) & (M USD)
Table 94. North America Refrigerant R23 Market Size Forecast by Country (2026-2033) & (M USD)
Table 95. Europe Refrigerant R23 Market Size Forecast by Country (2026-2033) & (M USD)
Table 96. Asia Pacific Refrigerant R23 Market Size Forecast by Region (2026-2033) & (M USD)
Table 97. South America Refrigerant R23 Market Size Forecast by Country (2026-2033) & (M USD)
Table 98. Middle East and Africa Refrigerant R23 Market Size Forecast by Country (2026-2033) & (M USD)
Table 99. Global Refrigerant R23 Market Size Forecast by Type (2026-2033) & (M USD)
Table 100. Global Refrigerant R23 Market Size Forecast by Application (2026-2033) & (M USD)

List of Figures

Figure 1. Industry Chain of Refrigerant R23

Figure 2. Data Triangulation

Figure 3. Key Caveats

Figure 4. Global Refrigerant R23 Market Size (M USD), 2024-2033

Figure 5. Global Refrigerant R23 Market Size (M USD) (2020-2033)

Figure 6. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 7. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 8. Evaluation Matrix of Regional Market Development Potential

Figure 9. Refrigerant R23 Market Size by Country (M USD)

Figure 10. Company Assessment Quadrant

Figure 11. Global Refrigerant R23 Product Life Cycle

Figure 12. Global Refrigerant R23 Revenue Share by Company in 2024

Figure 13. Refrigerant R23 Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2024

Figure 14. The Global 5 and 10 Largest Players: Market Share by Refrigerant R23 Revenue in 2024

Figure 15. Value Chain Map of Refrigerant R23

Figure 16. Global Refrigerant R23 Market PEST Analysis

Figure 17. Global Refrigerant R23 Market Porter's Five Forces Analysis

Figure 18. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 19. Global Refrigerant R23 Market Share by Type

Figure 20. Market Size Share of Refrigerant R23 by Type (2020-2025)

Figure 21. Market Size Share of Refrigerant R23 by Type in 2024

Figure 22. Global Refrigerant R23 Market Size Growth Rate by Type (2021-2025)

Figure 23. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 24. Global Refrigerant R23 Market Share by Application

Figure 25. Global Refrigerant R23 Market Share by Application (2020-2025)

Figure 26. Global Refrigerant R23 Market Share by Application in 2024

Figure 27. Global Refrigerant R23 Sales Growth Rate by Application (2020-2025)

Figure 28. Global Refrigerant R23 Market Size Market Share by Region (2020-2025)

Figure 29. North America Refrigerant R23 Market Size and Growth Rate (2020-2025) & (M USD)

Figure 30. North America Refrigerant R23 Market Size Market Share by Country in 2024

Figure 31. U.S. Refrigerant R23 Market Size and Growth Rate (2020-2025) & (M USD)

Figure 32. Canada Refrigerant R23 Market Size (M USD) and Growth Rate (2020-2025)

Figure 33. Mexico Refrigerant R23 Market Size (M USD) and Growth Rate (2020-2025)

Figure 34. Europe Refrigerant R23 Market Size and Growth Rate (2020-2025) & (M

USD)

Figure 35. Europe Refrigerant R23 Market Share by Country in 2024

Figure 36. Germany Refrigerant R23 Market Size and Growth Rate (2020-2025) & (M USD)

Figure 37. France Refrigerant R23 Market Size and Growth Rate (2020-2025) & (M USD)

Figure 38. U.K. Refrigerant R23 Market Size and Growth Rate (2020-2025) & (M USD)

Figure 39. Italy Refrigerant R23 Market Size and Growth Rate (2020-2025) & (M USD)

Figure 40. Spain Refrigerant R23 Market Size and Growth Rate (2020-2025) & (M USD)

Figure 41. Asia Pacific Refrigerant R23 Market Size and Growth Rate (M USD)

Figure 42. Asia Pacific Refrigerant R23 Market Size Market Share by Region in 2024

Figure 43. China Refrigerant R23 Market Size and Growth Rate (2020-2025) & (M USD)

Figure 44. Japan Refrigerant R23 Market Size and Growth Rate (2020-2025) & (M USD)

Figure 45. South Korea Refrigerant R23 Market Size and Growth Rate (2020-2025) & (M USD)

Figure 46. India Refrigerant R23 Market Size and Growth Rate (2020-2025) & (M USD)

Figure 47. Southeast Asia Refrigerant R23 Market Size and Growth Rate (2020-2025) & (M USD)

Figure 48. South America Refrigerant R23 Market Size and Growth Rate (M USD)

Figure 49. South America Refrigerant R23 Market Size Market Share by Country in 2024

Figure 50. Brazil Refrigerant R23 Market Size and Growth Rate (2020-2025) & (M USD)

Figure 51. Argentina Refrigerant R23 Market Size and Growth Rate (2020-2025) & (M USD)

Figure 52. Columbia Refrigerant R23 Market Size and Growth Rate (2020-2025) & (M USD)

Figure 53. Middle East and Africa Refrigerant R23 Market Size and Growth Rate (M USD)

Figure 54. Middle East and Africa Refrigerant R23 Market Size Market Share by Region in 2024

Figure 55. Saudi Arabia Refrigerant R23 Market Size and Growth Rate (2020-2025) & (M USD)

Figure 56. UAE Refrigerant R23 Market Size and Growth Rate (2020-2025) & (M USD)

Figure 57. Egypt Refrigerant R23 Market Size and Growth Rate (2020-2025) & (M USD)

Figure 58. Nigeria Refrigerant R23 Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. South Africa Refrigerant R23 Market Size and Growth Rate (2020-2025) & (M USD)

Figure 60. Global Refrigerant R23 Market Size Forecast (2020-2033) & (M USD)

Figure 61. Global Refrigerant R23 Market Share Forecast by Type (2026-2033)

Figure 62. Global Refrigerant R23 Market Share Forecast by Application (2026-2033)

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