

Global R-454B Refrigerants Market Growth 2025-2031

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Abstracts

The global R-454B Refrigerants market size is predicted to grow from US\$ 225 million in 2025 to US\$ 475 million in 2031; it is expected to grow at a CAGR of 13.3% from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

R-454B is a new-generation, low-global-warming-potential refrigerant composed of tetrafluoropropene and difluoromethane. It offers excellent thermodynamic performance with significantly reduced environmental impact. Classified as mildly flammable, it is suitable for residential and commercial air conditioning, heat pumps, and chiller systems.

United States market for R-454B Refrigerants is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

China market for R-454B Refrigerants is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Europe market for R-454B Refrigerants is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key R-454B Refrigerants players cover Chemours, Arkema, Honeywell, A-Gas, National Refrigerants, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2024.

LP Information, Inc. (LPI) 's newest research report, the " R-454B Refrigerants Industry

Forecast” looks at past sales and reviews total world R-454B Refrigerants sales in 2024, providing a comprehensive analysis by region and market sector of projected R-454B Refrigerants sales for 2025 through 2031. With R-454B Refrigerants sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world R-454B Refrigerants industry.

This Insight Report provides a comprehensive analysis of the global R-454B Refrigerants landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on R-454B Refrigerants portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms’ unique position in an accelerating global R-454B Refrigerants market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for R-454B Refrigerants and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global R-454B Refrigerants.

This report presents a comprehensive overview, market shares, and growth opportunities of R-454B Refrigerants market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

>99.0%

>99.5%

Others

Segmentation by Application:

Refrigerator & Freezer

Air Conditioner

Other

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Chemours

Arkema

Honeywell

A?Gas

National Refrigerants

Wilhelmsen

Climalife

Descair

Keeprite

Bryant

Key Questions Addressed in this Report

What is the 10-year outlook for the global R-454B Refrigerants market?

What factors are driving R-454B Refrigerants market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do R-454B Refrigerants market opportunities vary by end market size?

How does R-454B Refrigerants break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global R-454B Refrigerants Annual Sales 2020-2031
 - 2.1.2 World Current & Future Analysis for R-454B Refrigerants by Geographic Region, 2020, 2024 & 2031
 - 2.1.3 World Current & Future Analysis for R-454B Refrigerants by Country/Region, 2020, 2024 & 2031
- 2.2 R-454B Refrigerants Segment by Type
 - 2.2.1 >99.0%
 - 2.2.2 >99.5%
 - 2.2.3 Others
- 2.3 R-454B Refrigerants Sales by Type
 - 2.3.1 Global R-454B Refrigerants Sales Market Share by Type (2020-2025)
 - 2.3.2 Global R-454B Refrigerants Revenue and Market Share by Type (2020-2025)
 - 2.3.3 Global R-454B Refrigerants Sale Price by Type (2020-2025)
- 2.4 R-454B Refrigerants Segment by Application
 - 2.4.1 Refrigerator & Freezer
 - 2.4.2 Air Conditioner
 - 2.4.3 Other
- 2.5 R-454B Refrigerants Sales by Application
 - 2.5.1 Global R-454B Refrigerants Sale Market Share by Application (2020-2025)
 - 2.5.2 Global R-454B Refrigerants Revenue and Market Share by Application (2020-2025)
 - 2.5.3 Global R-454B Refrigerants Sale Price by Application (2020-2025)

3 GLOBAL BY COMPANY

- 3.1 Global ?R-454B Refrigerants Breakdown Data by Company
 - 3.1.1 Global ?R-454B Refrigerants Annual Sales by Company (2020-2025)
 - 3.1.2 Global ?R-454B Refrigerants Sales Market Share by Company (2020-2025)
- 3.2 Global ?R-454B Refrigerants Annual Revenue by Company (2020-2025)
 - 3.2.1 Global ?R-454B Refrigerants Revenue by Company (2020-2025)
 - 3.2.2 Global ?R-454B Refrigerants Revenue Market Share by Company (2020-2025)
- 3.3 Global ?R-454B Refrigerants Sale Price by Company
- 3.4 Key Manufacturers ?R-454B Refrigerants Producing Area Distribution, Sales Area, Product Type
 - 3.4.1 Key Manufacturers ?R-454B Refrigerants Product Location Distribution
 - 3.4.2 Players ?R-454B Refrigerants Products Offered
- 3.5 Market Concentration Rate Analysis
 - 3.5.1 Competition Landscape Analysis
 - 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)
- 3.6 New Products and Potential Entrants
- 3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR ?R-454B REFRIGERANTS BY GEOGRAPHIC REGION

- 4.1 World Historic ?R-454B Refrigerants Market Size by Geographic Region (2020-2025)
 - 4.1.1 Global ?R-454B Refrigerants Annual Sales by Geographic Region (2020-2025)
 - 4.1.2 Global ?R-454B Refrigerants Annual Revenue by Geographic Region (2020-2025)
- 4.2 World Historic ?R-454B Refrigerants Market Size by Country/Region (2020-2025)
 - 4.2.1 Global ?R-454B Refrigerants Annual Sales by Country/Region (2020-2025)
 - 4.2.2 Global ?R-454B Refrigerants Annual Revenue by Country/Region (2020-2025)
- 4.3 Americas ?R-454B Refrigerants Sales Growth
- 4.4 APAC ?R-454B Refrigerants Sales Growth
- 4.5 Europe ?R-454B Refrigerants Sales Growth
- 4.6 Middle East & Africa ?R-454B Refrigerants Sales Growth

5 AMERICAS

- 5.1 Americas ?R-454B Refrigerants Sales by Country
 - 5.1.1 Americas ?R-454B Refrigerants Sales by Country (2020-2025)

- 5.1.2 Americas ?R-454B Refrigerants Revenue by Country (2020-2025)
- 5.2 Americas ?R-454B Refrigerants Sales by Type (2020-2025)
- 5.3 Americas ?R-454B Refrigerants Sales by Application (2020-2025)
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

- 6.1 APAC ?R-454B Refrigerants Sales by Region
 - 6.1.1 APAC ?R-454B Refrigerants Sales by Region (2020-2025)
 - 6.1.2 APAC ?R-454B Refrigerants Revenue by Region (2020-2025)
- 6.2 APAC ?R-454B Refrigerants Sales by Type (2020-2025)
- 6.3 APAC ?R-454B Refrigerants Sales by Application (2020-2025)
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

7 EUROPE

- 7.1 Europe ?R-454B Refrigerants by Country
 - 7.1.1 Europe ?R-454B Refrigerants Sales by Country (2020-2025)
 - 7.1.2 Europe ?R-454B Refrigerants Revenue by Country (2020-2025)
- 7.2 Europe ?R-454B Refrigerants Sales by Type (2020-2025)
- 7.3 Europe ?R-454B Refrigerants Sales by Application (2020-2025)
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa ?R-454B Refrigerants by Country

- 8.1.1 Middle East & Africa ?R-454B Refrigerants Sales by Country (2020-2025)
- 8.1.2 Middle East & Africa ?R-454B Refrigerants Revenue by Country (2020-2025)
- 8.2 Middle East & Africa ?R-454B Refrigerants Sales by Type (2020-2025)
- 8.3 Middle East & Africa ?R-454B Refrigerants Sales by Application (2020-2025)
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of ?R-454B Refrigerants
- 10.3 Manufacturing Process Analysis of ?R-454B Refrigerants
- 10.4 Industry Chain Structure of ?R-454B Refrigerants

11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
 - 11.1.1 Direct Channels
 - 11.1.2 Indirect Channels
- 11.2 ?R-454B Refrigerants Distributors
- 11.3 ?R-454B Refrigerants Customer

12 WORLD FORECAST REVIEW FOR ?R-454B REFRIGERANTS BY GEOGRAPHIC REGION

- 12.1 Global ?R-454B Refrigerants Market Size Forecast by Region
 - 12.1.1 Global ?R-454B Refrigerants Forecast by Region (2026-2031)
 - 12.1.2 Global ?R-454B Refrigerants Annual Revenue Forecast by Region (2026-2031)
- 12.2 Americas Forecast by Country (2026-2031)
- 12.3 APAC Forecast by Region (2026-2031)

- 12.4 Europe Forecast by Country (2026-2031)
- 12.5 Middle East & Africa Forecast by Country (2026-2031)
- 12.6 Global ?R-454B Refrigerants Forecast by Type (2026-2031)
- 12.7 Global ?R-454B Refrigerants Forecast by Application (2026-2031)

13 KEY PLAYERS ANALYSIS

13.1 Chemours

- 13.1.1 Chemours Company Information
- 13.1.2 Chemours ?R-454B Refrigerants Product Portfolios and Specifications
- 13.1.3 Chemours ?R-454B Refrigerants Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.1.4 Chemours Main Business Overview
- 13.1.5 Chemours Latest Developments

13.2 Arkema

- 13.2.1 Arkema Company Information
- 13.2.2 Arkema ?R-454B Refrigerants Product Portfolios and Specifications
- 13.2.3 Arkema ?R-454B Refrigerants Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.2.4 Arkema Main Business Overview
- 13.2.5 Arkema Latest Developments

13.3 Honeywell

- 13.3.1 Honeywell Company Information
- 13.3.2 Honeywell ?R-454B Refrigerants Product Portfolios and Specifications
- 13.3.3 Honeywell ?R-454B Refrigerants Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.3.4 Honeywell Main Business Overview
- 13.3.5 Honeywell Latest Developments

13.4 A?Gas

- 13.4.1 A?Gas Company Information
- 13.4.2 A?Gas ?R-454B Refrigerants Product Portfolios and Specifications
- 13.4.3 A?Gas ?R-454B Refrigerants Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.4.4 A?Gas Main Business Overview
- 13.4.5 A?Gas Latest Developments

13.5 National Refrigerants

- 13.5.1 National Refrigerants Company Information
- 13.5.2 National Refrigerants ?R-454B Refrigerants Product Portfolios and Specifications

13.5.3 National Refrigerants ?R-454B Refrigerants Sales, Revenue, Price and Gross Margin (2020-2025)

13.5.4 National Refrigerants Main Business Overview

13.5.5 National Refrigerants Latest Developments

13.6 Wilhelmsen

13.6.1 Wilhelmsen Company Information

13.6.2 Wilhelmsen ?R-454B Refrigerants Product Portfolios and Specifications

13.6.3 Wilhelmsen ?R-454B Refrigerants Sales, Revenue, Price and Gross Margin (2020-2025)

13.6.4 Wilhelmsen Main Business Overview

13.6.5 Wilhelmsen Latest Developments

13.7 Climalife

13.7.1 Climalife Company Information

13.7.2 Climalife ?R-454B Refrigerants Product Portfolios and Specifications

13.7.3 Climalife ?R-454B Refrigerants Sales, Revenue, Price and Gross Margin (2020-2025)

13.7.4 Climalife Main Business Overview

13.7.5 Climalife Latest Developments

13.8 Descair

13.8.1 Descair Company Information

13.8.2 Descair ?R-454B Refrigerants Product Portfolios and Specifications

13.8.3 Descair ?R-454B Refrigerants Sales, Revenue, Price and Gross Margin (2020-2025)

13.8.4 Descair Main Business Overview

13.8.5 Descair Latest Developments

13.9 Keeprite

13.9.1 Keeprite Company Information

13.9.2 Keeprite ?R-454B Refrigerants Product Portfolios and Specifications

13.9.3 Keeprite ?R-454B Refrigerants Sales, Revenue, Price and Gross Margin (2020-2025)

13.9.4 Keeprite Main Business Overview

13.9.5 Keeprite Latest Developments

13.10 Bryant

13.10.1 Bryant Company Information

13.10.2 Bryant ?R-454B Refrigerants Product Portfolios and Specifications

13.10.3 Bryant ?R-454B Refrigerants Sales, Revenue, Price and Gross Margin (2020-2025)

13.10.4 Bryant Main Business Overview

13.10.5 Bryant Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. ?R-454B Refrigerants Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)

Table 2. ?R-454B Refrigerants Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)

Table 3. Major Players of >99.0%

Table 4. Major Players of >99.5%

Table 5. Major Players of Others

Table 6. Global ?R-454B Refrigerants Sales by Type (2020-2025) & (Tons)

Table 7. Global ?R-454B Refrigerants Sales Market Share by Type (2020-2025)

Table 8. Global ?R-454B Refrigerants Revenue by Type (2020-2025) & (\$ million)

Table 9. Global ?R-454B Refrigerants Revenue Market Share by Type (2020-2025)

Table 10. Global ?R-454B Refrigerants Sale Price by Type (2020-2025) & (US\$/Ton)

Table 11. Global ?R-454B Refrigerants Sale by Application (2020-2025) & (Tons)

Table 12. Global ?R-454B Refrigerants Sale Market Share by Application (2020-2025)

Table 13. Global ?R-454B Refrigerants Revenue by Application (2020-2025) & (\$ million)

Table 14. Global ?R-454B Refrigerants Revenue Market Share by Application (2020-2025)

Table 15. Global ?R-454B Refrigerants Sale Price by Application (2020-2025) & (US\$/Ton)

Table 16. Global ?R-454B Refrigerants Sales by Company (2020-2025) & (Tons)

Table 17. Global ?R-454B Refrigerants Sales Market Share by Company (2020-2025)

Table 18. Global ?R-454B Refrigerants Revenue by Company (2020-2025) & (\$ millions)

Table 19. Global ?R-454B Refrigerants Revenue Market Share by Company (2020-2025)

Table 20. Global ?R-454B Refrigerants Sale Price by Company (2020-2025) & (US\$/Ton)

Table 21. Key Manufacturers ?R-454B Refrigerants Producing Area Distribution and Sales Area

Table 22. Players ?R-454B Refrigerants Products Offered

Table 23. ?R-454B Refrigerants Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

Table 24. New Products and Potential Entrants

Table 25. Market M&A Activity & Strategy

Table 26. Global R-454B Refrigerants Sales by Geographic Region (2020-2025) & (Tons)

Table 27. Global R-454B Refrigerants Sales Market Share Geographic Region (2020-2025)

Table 28. Global R-454B Refrigerants Revenue by Geographic Region (2020-2025) & (\$ millions)

Table 29. Global R-454B Refrigerants Revenue Market Share by Geographic Region (2020-2025)

Table 30. Global R-454B Refrigerants Sales by Country/Region (2020-2025) & (Tons)

Table 31. Global R-454B Refrigerants Sales Market Share by Country/Region (2020-2025)

Table 32. Global R-454B Refrigerants Revenue by Country/Region (2020-2025) & (\$ millions)

Table 33. Global R-454B Refrigerants Revenue Market Share by Country/Region (2020-2025)

Table 34. Americas R-454B Refrigerants Sales by Country (2020-2025) & (Tons)

Table 35. Americas R-454B Refrigerants Sales Market Share by Country (2020-2025)

Table 36. Americas R-454B Refrigerants Revenue by Country (2020-2025) & (\$ millions)

Table 37. Americas R-454B Refrigerants Sales by Type (2020-2025) & (Tons)

Table 38. Americas R-454B Refrigerants Sales by Application (2020-2025) & (Tons)

Table 39. APAC R-454B Refrigerants Sales by Region (2020-2025) & (Tons)

Table 40. APAC R-454B Refrigerants Sales Market Share by Region (2020-2025)

Table 41. APAC R-454B Refrigerants Revenue by Region (2020-2025) & (\$ millions)

Table 42. APAC R-454B Refrigerants Sales by Type (2020-2025) & (Tons)

Table 43. APAC R-454B Refrigerants Sales by Application (2020-2025) & (Tons)

Table 44. Europe R-454B Refrigerants Sales by Country (2020-2025) & (Tons)

Table 45. Europe R-454B Refrigerants Revenue by Country (2020-2025) & (\$ millions)

Table 46. Europe R-454B Refrigerants Sales by Type (2020-2025) & (Tons)

Table 47. Europe R-454B Refrigerants Sales by Application (2020-2025) & (Tons)

Table 48. Middle East & Africa R-454B Refrigerants Sales by Country (2020-2025) & (Tons)

Table 49. Middle East & Africa R-454B Refrigerants Revenue Market Share by Country (2020-2025)

Table 50. Middle East & Africa R-454B Refrigerants Sales by Type (2020-2025) & (Tons)

Table 51. Middle East & Africa R-454B Refrigerants Sales by Application (2020-2025) & (Tons)

Table 52. Key Market Drivers & Growth Opportunities of R-454B Refrigerants

- Table 53. Key Market Challenges & Risks of R-454B Refrigerants
- Table 54. Key Industry Trends of R-454B Refrigerants
- Table 55. R-454B Refrigerants Raw Material
- Table 56. Key Suppliers of Raw Materials
- Table 57. R-454B Refrigerants Distributors List
- Table 58. R-454B Refrigerants Customer List
- Table 59. Global R-454B Refrigerants Sales Forecast by Region (2026-2031) & (Tons)
- Table 60. Global R-454B Refrigerants Revenue Forecast by Region (2026-2031) & (\$ millions)
- Table 61. Americas R-454B Refrigerants Sales Forecast by Country (2026-2031) & (Tons)
- Table 62. Americas R-454B Refrigerants Annual Revenue Forecast by Country (2026-2031) & (\$ millions)
- Table 63. APAC R-454B Refrigerants Sales Forecast by Region (2026-2031) & (Tons)
- Table 64. APAC R-454B Refrigerants Annual Revenue Forecast by Region (2026-2031) & (\$ millions)
- Table 65. Europe R-454B Refrigerants Sales Forecast by Country (2026-2031) & (Tons)
- Table 66. Europe R-454B Refrigerants Revenue Forecast by Country (2026-2031) & (\$ millions)
- Table 67. Middle East & Africa R-454B Refrigerants Sales Forecast by Country (2026-2031) & (Tons)
- Table 68. Middle East & Africa R-454B Refrigerants Revenue Forecast by Country (2026-2031) & (\$ millions)
- Table 69. Global R-454B Refrigerants Sales Forecast by Type (2026-2031) & (Tons)
- Table 70. Global R-454B Refrigerants Revenue Forecast by Type (2026-2031) & (\$ millions)
- Table 71. Global R-454B Refrigerants Sales Forecast by Application (2026-2031) & (Tons)
- Table 72. Global R-454B Refrigerants Revenue Forecast by Application (2026-2031) & (\$ millions)
- Table 73. Chemours Basic Information, R-454B Refrigerants Manufacturing Base, Sales Area and Its Competitors
- Table 74. Chemours R-454B Refrigerants Product Portfolios and Specifications
- Table 75. Chemours R-454B Refrigerants Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)
- Table 76. Chemours Main Business
- Table 77. Chemours Latest Developments
- Table 78. Arkema Basic Information, R-454B Refrigerants Manufacturing Base, Sales

Area and Its Competitors

Table 79. Arkema ?R-454B Refrigerants Product Portfolios and Specifications

Table 80. Arkema ?R-454B Refrigerants Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 81. Arkema Main Business

Table 82. Arkema Latest Developments

Table 83. Honeywell Basic Information, ?R-454B Refrigerants Manufacturing Base, Sales Area and Its Competitors

Table 84. Honeywell ?R-454B Refrigerants Product Portfolios and Specifications

Table 85. Honeywell ?R-454B Refrigerants Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 86. Honeywell Main Business

Table 87. Honeywell Latest Developments

Table 88. A?Gas Basic Information, ?R-454B Refrigerants Manufacturing Base, Sales Area and Its Competitors

Table 89. A?Gas ?R-454B Refrigerants Product Portfolios and Specifications

Table 90. A?Gas ?R-454B Refrigerants Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 91. A?Gas Main Business

Table 92. A?Gas Latest Developments

Table 93. National Refrigerants Basic Information, ?R-454B Refrigerants Manufacturing Base, Sales Area and Its Competitors

Table 94. National Refrigerants ?R-454B Refrigerants Product Portfolios and Specifications

Table 95. National Refrigerants ?R-454B Refrigerants Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 96. National Refrigerants Main Business

Table 97. National Refrigerants Latest Developments

Table 98. Wilhelmsen Basic Information, ?R-454B Refrigerants Manufacturing Base, Sales Area and Its Competitors

Table 99. Wilhelmsen ?R-454B Refrigerants Product Portfolios and Specifications

Table 100. Wilhelmsen ?R-454B Refrigerants Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 101. Wilhelmsen Main Business

Table 102. Wilhelmsen Latest Developments

Table 103. Climalife Basic Information, ?R-454B Refrigerants Manufacturing Base, Sales Area and Its Competitors

Table 104. Climalife ?R-454B Refrigerants Product Portfolios and Specifications

Table 105. Climalife ?R-454B Refrigerants Sales (Tons), Revenue (\$ Million), Price

(US\$/Ton) and Gross Margin (2020-2025)

Table 106. Climalife Main Business

Table 107. Climalife Latest Developments

Table 108. Descair Basic Information, ?R-454B Refrigerants Manufacturing Base, Sales Area and Its Competitors

Table 109. Descair ?R-454B Refrigerants Product Portfolios and Specifications

Table 110. Descair ?R-454B Refrigerants Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 111. Descair Main Business

Table 112. Descair Latest Developments

Table 113. Keeprite Basic Information, ?R-454B Refrigerants Manufacturing Base, Sales Area and Its Competitors

Table 114. Keeprite ?R-454B Refrigerants Product Portfolios and Specifications

Table 115. Keeprite ?R-454B Refrigerants Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 116. Keeprite Main Business

Table 117. Keeprite Latest Developments

Table 118. Bryant Basic Information, ?R-454B Refrigerants Manufacturing Base, Sales Area and Its Competitors

Table 119. Bryant ?R-454B Refrigerants Product Portfolios and Specifications

Table 120. Bryant ?R-454B Refrigerants Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 121. Bryant Main Business

Table 122. Bryant Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of R-454B Refrigerants
- Figure 2. R-454B Refrigerants Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global R-454B Refrigerants Sales Growth Rate 2020-2031 (Tons)
- Figure 7. Global R-454B Refrigerants Revenue Growth Rate 2020-2031 (\$ millions)
- Figure 8. R-454B Refrigerants Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Figure 9. R-454B Refrigerants Sales Market Share by Country/Region (2024)
- Figure 10. R-454B Refrigerants Sales Market Share by Country/Region (2020, 2024 & 2031)
- Figure 11. Product Picture of >99.0%
- Figure 12. Product Picture of >99.5%
- Figure 13. Product Picture of Others
- Figure 14. Global R-454B Refrigerants Sales Market Share by Type in 2025
- Figure 15. Global R-454B Refrigerants Revenue Market Share by Type (2020-2025)
- Figure 16. R-454B Refrigerants Consumed in Refrigerator & Freezer
- Figure 17. Global R-454B Refrigerants Market: Refrigerator & Freezer (2020-2025) & (Tons)
- Figure 18. R-454B Refrigerants Consumed in Air Conditioner
- Figure 19. Global R-454B Refrigerants Market: Air Conditioner (2020-2025) & (Tons)
- Figure 20. R-454B Refrigerants Consumed in Other
- Figure 21. Global R-454B Refrigerants Market: Other (2020-2025) & (Tons)
- Figure 22. Global R-454B Refrigerants Sale Market Share by Application (2024)
- Figure 23. Global R-454B Refrigerants Revenue Market Share by Application in 2025
- Figure 24. R-454B Refrigerants Sales by Company in 2025 (Tons)
- Figure 25. Global R-454B Refrigerants Sales Market Share by Company in 2025
- Figure 26. R-454B Refrigerants Revenue by Company in 2025 (\$ millions)
- Figure 27. Global R-454B Refrigerants Revenue Market Share by Company in 2025
- Figure 28. Global R-454B Refrigerants Sales Market Share by Geographic Region (2020-2025)
- Figure 29. Global R-454B Refrigerants Revenue Market Share by Geographic Region in 2025
- Figure 30. Americas R-454B Refrigerants Sales 2020-2025 (Tons)

- Figure 31. Americas ?R-454B Refrigerants Revenue 2020-2025 (\$ millions)
- Figure 32. APAC ?R-454B Refrigerants Sales 2020-2025 (Tons)
- Figure 33. APAC ?R-454B Refrigerants Revenue 2020-2025 (\$ millions)
- Figure 34. Europe ?R-454B Refrigerants Sales 2020-2025 (Tons)
- Figure 35. Europe ?R-454B Refrigerants Revenue 2020-2025 (\$ millions)
- Figure 36. Middle East & Africa ?R-454B Refrigerants Sales 2020-2025 (Tons)
- Figure 37. Middle East & Africa ?R-454B Refrigerants Revenue 2020-2025 (\$ millions)
- Figure 38. Americas ?R-454B Refrigerants Sales Market Share by Country in 2025
- Figure 39. Americas ?R-454B Refrigerants Revenue Market Share by Country (2020-2025)
- Figure 40. Americas ?R-454B Refrigerants Sales Market Share by Type (2020-2025)
- Figure 41. Americas ?R-454B Refrigerants Sales Market Share by Application (2020-2025)
- Figure 42. United States ?R-454B Refrigerants Revenue Growth 2020-2025 (\$ millions)
- Figure 43. Canada ?R-454B Refrigerants Revenue Growth 2020-2025 (\$ millions)
- Figure 44. Mexico ?R-454B Refrigerants Revenue Growth 2020-2025 (\$ millions)
- Figure 45. Brazil ?R-454B Refrigerants Revenue Growth 2020-2025 (\$ millions)
- Figure 46. APAC ?R-454B Refrigerants Sales Market Share by Region in 2025
- Figure 47. APAC ?R-454B Refrigerants Revenue Market Share by Region (2020-2025)
- Figure 48. APAC ?R-454B Refrigerants Sales Market Share by Type (2020-2025)
- Figure 49. APAC ?R-454B Refrigerants Sales Market Share by Application (2020-2025)
- Figure 50. China ?R-454B Refrigerants Revenue Growth 2020-2025 (\$ millions)
- Figure 51. Japan ?R-454B Refrigerants Revenue Growth 2020-2025 (\$ millions)
- Figure 52. South Korea ?R-454B Refrigerants Revenue Growth 2020-2025 (\$ millions)
- Figure 53. Southeast Asia ?R-454B Refrigerants Revenue Growth 2020-2025 (\$ millions)
- Figure 54. India ?R-454B Refrigerants Revenue Growth 2020-2025 (\$ millions)
- Figure 55. Australia ?R-454B Refrigerants Revenue Growth 2020-2025 (\$ millions)
- Figure 56. China Taiwan ?R-454B Refrigerants Revenue Growth 2020-2025 (\$ millions)
- Figure 57. Europe ?R-454B Refrigerants Sales Market Share by Country in 2025
- Figure 58. Europe ?R-454B Refrigerants Revenue Market Share by Country (2020-2025)
- Figure 59. Europe ?R-454B Refrigerants Sales Market Share by Type (2020-2025)
- Figure 60. Europe ?R-454B Refrigerants Sales Market Share by Application (2020-2025)
- Figure 61. Germany ?R-454B Refrigerants Revenue Growth 2020-2025 (\$ millions)
- Figure 62. France ?R-454B Refrigerants Revenue Growth 2020-2025 (\$ millions)
- Figure 63. UK ?R-454B Refrigerants Revenue Growth 2020-2025 (\$ millions)
- Figure 64. Italy ?R-454B Refrigerants Revenue Growth 2020-2025 (\$ millions)

Figure 65. Russia ?R-454B Refrigerants Revenue Growth 2020-2025 (\$ millions)

Figure 66. Middle East & Africa ?R-454B Refrigerants Sales Market Share by Country (2020-2025)

Figure 67. Middle East & Africa ?R-454B Refrigerants Sales Market Share by Type (2020-2025)

Figure 68. Middle East & Africa ?R-454B Refrigerants Sales Market Share by Application (2020-2025)

Figure 69. Egypt ?R-454B Refrigerants Revenue Growth 2020-2025 (\$ millions)

Figure 70. South Africa ?R-454B Refrigerants Revenue Growth 2020-2025 (\$ millions)

Figure 71. Israel ?R-454B Refrigerants Revenue Growth 2020-2025 (\$ millions)

Figure 72. Turkey ?R-454B Refrigerants Revenue Growth 2020-2025 (\$ millions)

Figure 73. GCC Countries ?R-454B Refrigerants Revenue Growth 2020-2025 (\$ millions)

Figure 74. Manufacturing Cost Structure Analysis of ?R-454B Refrigerants in 2025

Figure 75. Manufacturing Process Analysis of ?R-454B Refrigerants

Figure 76. Industry Chain Structure of ?R-454B Refrigerants

Figure 77. Channels of Distribution

Figure 78. Global ?R-454B Refrigerants Sales Market Forecast by Region (2026-2031)

Figure 79. Global ?R-454B Refrigerants Revenue Market Share Forecast by Region (2026-2031)

Figure 80. Global ?R-454B Refrigerants Sales Market Share Forecast by Type (2026-2031)

Figure 81. Global ?R-454B Refrigerants Revenue Market Share Forecast by Type (2026-2031)

Figure 82. Global ?R-454B Refrigerants Sales Market Share Forecast by Application (2026-2031)

Figure 83. Global ?R-454B Refrigerants Revenue Market Share Forecast by Application (2026-2031)

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