

# Global R402B Refrigerant Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/G57565A3371GEN.html>

Date: July 2024

Pages: 98

Price: US\$ 3,480.00 (Single User License)

ID: G57565A3371GEN

## Abstracts

According to our (Global Info Research) latest study, the global R402B Refrigerant market size was valued at USD million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of % during review period.

R402B, also known as HP81, is an HCFC blend with a small amount of hydrocarbon included to improve mineral oil compatibility. The blend is designed to be a retrofit replacement for R502 in medium temperature refrigeration applications. Refrigerant is a substance used in refrigeration systems that undergoes phase changes from gas to liquid and vice versa to transfer heat energy. It plays a crucial role in absorbing heat from the environment to cool an area or object. Refrigerants typically have low boiling points and are capable of vaporizing at relatively low temperatures, absorbing heat in the process. They are commonly used in air conditioners, refrigerators, and other cooling systems. Refrigerants should be chemically stable, non-toxic, environmentally friendly, and have minimal impact on the ozone layer to ensure safe and sustainable cooling operations.

The industry trend of refrigerants is influenced by changing regulations and environmental concerns. In recent years, there has been a global shift towards phasing out high-global warming potential (GWP) refrigerants, such as hydrochlorofluorocarbons (HCFCs) and hydrofluorocarbons (HFCs), due to their harmful impact on climate change. The trend is towards using lower GWP alternatives, such as hydrofluoroolefins (HFOs) and natural refrigerants like ammonia, carbon dioxide, and hydrocarbons. These alternatives are more environmentally friendly, have lower GWP, and are often more energy-efficient. The industry is also focusing on improving refrigerant management, leak prevention, and recycling or reclaiming used refrigerants.

The Global Info Research report includes an overview of the development of the R402B Refrigerant industry chain, the market status of Industrial Refrigeration (Disposable Steel Cylinders, Refillsble Steel Cylinders), Commercial Refrigeration (Disposable Steel Cylinders, Refillsble Steel Cylinders), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of R402B Refrigerant.

Regionally, the report analyzes the R402B Refrigerant markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global R402B Refrigerant market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the R402B Refrigerant market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the R402B Refrigerant industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (K MT), revenue generated, and market share of different by Type (e.g., Disposable Steel Cylinders, Refillsble Steel Cylinders).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the R402B Refrigerant market.

**Regional Analysis:** The report involves examining the R402B Refrigerant market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the R402B Refrigerant market. This may include

estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to R402B Refrigerant:

**Company Analysis:** Report covers individual R402B Refrigerant manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards R402B Refrigerant. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Industrial Refrigeration, Commercial Refrigeration).

**Technology Analysis:** Report covers specific technologies relevant to R402B Refrigerant. It assesses the current state, advancements, and potential future developments in R402B Refrigerant areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the R402B Refrigerant market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

R402B Refrigerant market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

Disposable Steel Cylinders

Refillsble Steel Cylinders

## Market segment by Application

Industrial Refrigeration

Commercial Refrigeration

## Major players covered

Allchem

Arkema

Chemours

DowDuPont

Linde

Honeywell

Shanghai 3F New Material

ZheJiang Bingcool Refrigerant Manufacture 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 R402B Refrigerant product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of R402B Refrigerant, with price, sales, revenue and global market share of R402B Refrigerant from 2019 to 2024.

Chapter 3, the R402B Refrigerant competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the R402B Refrigerant breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

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 2023. and R402B Refrigerant market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of R402B Refrigerant.

Chapter 14 and 15, to describe R402B Refrigerant sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of R402B Refrigerant
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
  - 1.3.1 Overview: Global R402B Refrigerant Consumption Value by Type: 2019 Versus 2023 Versus 2030
  - 1.3.2 Disposable Steel Cylinders
  - 1.3.3 Refillsble Steel Cylinders
- 1.4 Market Analysis by Application
  - 1.4.1 Overview: Global R402B Refrigerant Consumption Value by Application: 2019 Versus 2023 Versus 2030
  - 1.4.2 Industrial Refrigeration
  - 1.4.3 Commercial Refrigeration
- 1.5 Global R402B Refrigerant Market Size & Forecast
  - 1.5.1 Global R402B Refrigerant Consumption Value (2019 & 2023 & 2030)
  - 1.5.2 Global R402B Refrigerant Sales Quantity (2019-2030)
  - 1.5.3 Global R402B Refrigerant Average Price (2019-2030)

### 2 MANUFACTURERS PROFILES

- 2.1 Allchem
  - 2.1.1 Allchem Details
  - 2.1.2 Allchem Major Business
  - 2.1.3 Allchem R402B Refrigerant Product and Services
  - 2.1.4 Allchem R402B Refrigerant Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.1.5 Allchem Recent Developments/Updates
- 2.2 Arkema
  - 2.2.1 Arkema Details
  - 2.2.2 Arkema Major Business
  - 2.2.3 Arkema R402B Refrigerant Product and Services
  - 2.2.4 Arkema R402B Refrigerant Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.2.5 Arkema Recent Developments/Updates
- 2.3 Chemours
  - 2.3.1 Chemours Details

- 2.3.2 Chemours Major Business
- 2.3.3 Chemours R402B Refrigerant Product and Services
- 2.3.4 Chemours R402B Refrigerant Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.3.5 Chemours Recent Developments/Updates
- 2.4 DowDuPont
  - 2.4.1 DowDuPont Details
  - 2.4.2 DowDuPont Major Business
  - 2.4.3 DowDuPont R402B Refrigerant Product and Services
  - 2.4.4 DowDuPont R402B Refrigerant Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.4.5 DowDuPont Recent Developments/Updates
- 2.5 Linde
  - 2.5.1 Linde Details
  - 2.5.2 Linde Major Business
  - 2.5.3 Linde R402B Refrigerant Product and Services
  - 2.5.4 Linde R402B Refrigerant Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.5.5 Linde Recent Developments/Updates
- 2.6 Honeywell
  - 2.6.1 Honeywell Details
  - 2.6.2 Honeywell Major Business
  - 2.6.3 Honeywell R402B Refrigerant Product and Services
  - 2.6.4 Honeywell R402B Refrigerant Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.6.5 Honeywell Recent Developments/Updates
- 2.7 Shanghai 3F New Material
  - 2.7.1 Shanghai 3F New Material Details
  - 2.7.2 Shanghai 3F New Material Major Business
  - 2.7.3 Shanghai 3F New Material R402B Refrigerant Product and Services
  - 2.7.4 Shanghai 3F New Material R402B Refrigerant Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.7.5 Shanghai 3F New Material Recent Developments/Updates
- 2.8 ZheJiang Bingcool Refrigerant Manufacture Co.,LTD
  - 2.8.1 ZheJiang Bingcool Refrigerant Manufacture Co.,LTD Details
  - 2.8.2 ZheJiang Bingcool Refrigerant Manufacture Co.,LTD Major Business
  - 2.8.3 ZheJiang Bingcool Refrigerant Manufacture Co.,LTD R402B Refrigerant Product and Services
  - 2.8.4 ZheJiang Bingcool Refrigerant Manufacture Co.,LTD R402B Refrigerant Sales

Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.8.5 ZheJiang Bingcool Refrigerant Manufacture Co.,LTD Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: R402B REFRIGERANT BY MANUFACTURER**

3.1 Global R402B Refrigerant Sales Quantity by Manufacturer (2019-2024)

3.2 Global R402B Refrigerant Revenue by Manufacturer (2019-2024)

3.3 Global R402B Refrigerant Average Price by Manufacturer (2019-2024)

3.4 Market Share Analysis (2023)

3.4.1 Producer Shipments of R402B Refrigerant by Manufacturer Revenue (\$MM) and Market Share (%): 2023

3.4.2 Top 3 R402B Refrigerant Manufacturer Market Share in 2023

3.4.2 Top 6 R402B Refrigerant Manufacturer Market Share in 2023

3.5 R402B Refrigerant Market: Overall Company Footprint Analysis

3.5.1 R402B Refrigerant Market: Region Footprint

3.5.2 R402B Refrigerant Market: Company Product Type Footprint

3.5.3 R402B Refrigerant Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

### **4 CONSUMPTION ANALYSIS BY REGION**

4.1 Global R402B Refrigerant Market Size by Region

4.1.1 Global R402B Refrigerant Sales Quantity by Region (2019-2030)

4.1.2 Global R402B Refrigerant Consumption Value by Region (2019-2030)

4.1.3 Global R402B Refrigerant Average Price by Region (2019-2030)

4.2 North America R402B Refrigerant Consumption Value (2019-2030)

4.3 Europe R402B Refrigerant Consumption Value (2019-2030)

4.4 Asia-Pacific R402B Refrigerant Consumption Value (2019-2030)

4.5 South America R402B Refrigerant Consumption Value (2019-2030)

4.6 Middle East and Africa R402B Refrigerant Consumption Value (2019-2030)

### **5 MARKET SEGMENT BY TYPE**

5.1 Global R402B Refrigerant Sales Quantity by Type (2019-2030)

5.2 Global R402B Refrigerant Consumption Value by Type (2019-2030)

5.3 Global R402B Refrigerant Average Price by Type (2019-2030)



## **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global R402B Refrigerant Sales Quantity by Application (2019-2030)
- 6.2 Global R402B Refrigerant Consumption Value by Application (2019-2030)
- 6.3 Global R402B Refrigerant Average Price by Application (2019-2030)

## **7 NORTH AMERICA**

- 7.1 North America R402B Refrigerant Sales Quantity by Type (2019-2030)
- 7.2 North America R402B Refrigerant Sales Quantity by Application (2019-2030)
- 7.3 North America R402B Refrigerant Market Size by Country
  - 7.3.1 North America R402B Refrigerant Sales Quantity by Country (2019-2030)
  - 7.3.2 North America R402B Refrigerant Consumption Value by Country (2019-2030)
  - 7.3.3 United States Market Size and Forecast (2019-2030)
  - 7.3.4 Canada Market Size and Forecast (2019-2030)
  - 7.3.5 Mexico Market Size and Forecast (2019-2030)

## **8 EUROPE**

- 8.1 Europe R402B Refrigerant Sales Quantity by Type (2019-2030)
- 8.2 Europe R402B Refrigerant Sales Quantity by Application (2019-2030)
- 8.3 Europe R402B Refrigerant Market Size by Country
  - 8.3.1 Europe R402B Refrigerant Sales Quantity by Country (2019-2030)
  - 8.3.2 Europe R402B Refrigerant Consumption Value by Country (2019-2030)
  - 8.3.3 Germany Market Size and Forecast (2019-2030)
  - 8.3.4 France Market Size and Forecast (2019-2030)
  - 8.3.5 United Kingdom Market Size and Forecast (2019-2030)
  - 8.3.6 Russia Market Size and Forecast (2019-2030)
  - 8.3.7 Italy Market Size and Forecast (2019-2030)

## **9 ASIA-PACIFIC**

- 9.1 Asia-Pacific R402B Refrigerant Sales Quantity by Type (2019-2030)
- 9.2 Asia-Pacific R402B Refrigerant Sales Quantity by Application (2019-2030)
- 9.3 Asia-Pacific R402B Refrigerant Market Size by Region
  - 9.3.1 Asia-Pacific R402B Refrigerant Sales Quantity by Region (2019-2030)
  - 9.3.2 Asia-Pacific R402B Refrigerant Consumption Value by Region (2019-2030)
  - 9.3.3 China Market Size and Forecast (2019-2030)
  - 9.3.4 Japan Market Size and Forecast (2019-2030)

- 9.3.5 Korea Market Size and Forecast (2019-2030)
- 9.3.6 India Market Size and Forecast (2019-2030)
- 9.3.7 Southeast Asia Market Size and Forecast (2019-2030)
- 9.3.8 Australia Market Size and Forecast (2019-2030)

## **10 SOUTH AMERICA**

- 10.1 South America R402B Refrigerant Sales Quantity by Type (2019-2030)
- 10.2 South America R402B Refrigerant Sales Quantity by Application (2019-2030)
- 10.3 South America R402B Refrigerant Market Size by Country
  - 10.3.1 South America R402B Refrigerant Sales Quantity by Country (2019-2030)
  - 10.3.2 South America R402B Refrigerant Consumption Value by Country (2019-2030)
  - 10.3.3 Brazil Market Size and Forecast (2019-2030)
  - 10.3.4 Argentina Market Size and Forecast (2019-2030)

## **11 MIDDLE EAST & AFRICA**

- 11.1 Middle East & Africa R402B Refrigerant Sales Quantity by Type (2019-2030)
- 11.2 Middle East & Africa R402B Refrigerant Sales Quantity by Application (2019-2030)
- 11.3 Middle East & Africa R402B Refrigerant Market Size by Country
  - 11.3.1 Middle East & Africa R402B Refrigerant Sales Quantity by Country (2019-2030)
  - 11.3.2 Middle East & Africa R402B Refrigerant Consumption Value by Country (2019-2030)
  - 11.3.3 Turkey Market Size and Forecast (2019-2030)
  - 11.3.4 Egypt Market Size and Forecast (2019-2030)
  - 11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)
  - 11.3.6 South Africa Market Size and Forecast (2019-2030)

## **12 MARKET DYNAMICS**

- 12.1 R402B Refrigerant Market Drivers
- 12.2 R402B Refrigerant Market Restraints
- 12.3 R402B Refrigerant Trends Analysis
- 12.4 Porters Five Forces Analysis
  - 12.4.1 Threat of New Entrants
  - 12.4.2 Bargaining Power of Suppliers
  - 12.4.3 Bargaining Power of Buyers
  - 12.4.4 Threat of Substitutes
  - 12.4.5 Competitive Rivalry

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

13.1 Raw Material of R402B Refrigerant and Key Manufacturers

13.2 Manufacturing Costs Percentage of R402B Refrigerant

13.3 R402B Refrigerant Production Process

13.4 R402B Refrigerant Industrial Chain

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 R402B Refrigerant Typical Distributors

14.3 R402B Refrigerant Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global R402B Refrigerant Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Table 2. Global R402B Refrigerant Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Table 3. Allchem Basic Information, Manufacturing Base and Competitors

Table 4. Allchem Major Business

Table 5. Allchem R402B Refrigerant Product and Services

Table 6. Allchem R402B Refrigerant Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. Allchem Recent Developments/Updates

Table 8. Arkema Basic Information, Manufacturing Base and Competitors

Table 9. Arkema Major Business

Table 10. Arkema R402B Refrigerant Product and Services

Table 11. Arkema R402B Refrigerant Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 12. Arkema Recent Developments/Updates

Table 13. Chemours Basic Information, Manufacturing Base and Competitors

Table 14. Chemours Major Business

Table 15. Chemours R402B Refrigerant Product and Services

Table 16. Chemours R402B Refrigerant Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 17. Chemours Recent Developments/Updates

Table 18. DowDuPont Basic Information, Manufacturing Base and Competitors

Table 19. DowDuPont Major Business

Table 20. DowDuPont R402B Refrigerant Product and Services

Table 21. DowDuPont R402B Refrigerant Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 22. DowDuPont Recent Developments/Updates

Table 23. Linde Basic Information, Manufacturing Base and Competitors

Table 24. Linde Major Business

Table 25. Linde R402B Refrigerant Product and Services

Table 26. Linde R402B Refrigerant Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 27. Linde Recent Developments/Updates

Table 28. Honeywell Basic Information, Manufacturing Base and Competitors

Table 29. Honeywell Major Business

Table 30. Honeywell R402B Refrigerant Product and Services

Table 31. Honeywell R402B Refrigerant Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 32. Honeywell Recent Developments/Updates

Table 33. Shanghai 3F New Material Basic Information, Manufacturing Base and Competitors

Table 34. Shanghai 3F New Material Major Business

Table 35. Shanghai 3F New Material R402B Refrigerant Product and Services

Table 36. Shanghai 3F New Material R402B Refrigerant Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 37. Shanghai 3F New Material Recent Developments/Updates

Table 38. ZheJiang Bingcool Refrigerant Manufacture Co.,LTD Basic Information, Manufacturing Base and Competitors

Table 39. ZheJiang Bingcool Refrigerant Manufacture Co.,LTD Major Business

Table 40. ZheJiang Bingcool Refrigerant Manufacture Co.,LTD R402B Refrigerant Product and Services

Table 41. ZheJiang Bingcool Refrigerant Manufacture Co.,LTD R402B Refrigerant Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 42. ZheJiang Bingcool Refrigerant Manufacture Co.,LTD Recent Developments/Updates

Table 43. Global R402B Refrigerant Sales Quantity by Manufacturer (2019-2024) & (K MT)

Table 44. Global R402B Refrigerant Revenue by Manufacturer (2019-2024) & (USD Million)

Table 45. Global R402B Refrigerant Average Price by Manufacturer (2019-2024) & (USD/MT)

Table 46. Market Position of Manufacturers in R402B Refrigerant, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023

Table 47. Head Office and R402B Refrigerant Production Site of Key Manufacturer

Table 48. R402B Refrigerant Market: Company Product Type Footprint

Table 49. R402B Refrigerant Market: Company Product Application Footprint

Table 50. R402B Refrigerant New Market Entrants and Barriers to Market Entry

Table 51. R402B Refrigerant Mergers, Acquisition, Agreements, and Collaborations

Table 52. Global R402B Refrigerant Sales Quantity by Region (2019-2024) & (K MT)

Table 53. Global R402B Refrigerant Sales Quantity by Region (2025-2030) & (K MT)

Table 54. Global R402B Refrigerant Consumption Value by Region (2019-2024) &

(USD Million)

Table 55. Global R402B Refrigerant Consumption Value by Region (2025-2030) & (USD Million)

Table 56. Global R402B Refrigerant Average Price by Region (2019-2024) & (USD/MT)

Table 57. Global R402B Refrigerant Average Price by Region (2025-2030) & (USD/MT)

Table 58. Global R402B Refrigerant Sales Quantity by Type (2019-2024) & (K MT)

Table 59. Global R402B Refrigerant Sales Quantity by Type (2025-2030) & (K MT)

Table 60. Global R402B Refrigerant Consumption Value by Type (2019-2024) & (USD Million)

Table 61. Global R402B Refrigerant Consumption Value by Type (2025-2030) & (USD Million)

Table 62. Global R402B Refrigerant Average Price by Type (2019-2024) & (USD/MT)

Table 63. Global R402B Refrigerant Average Price by Type (2025-2030) & (USD/MT)

Table 64. Global R402B Refrigerant Sales Quantity by Application (2019-2024) & (K MT)

Table 65. Global R402B Refrigerant Sales Quantity by Application (2025-2030) & (K MT)

Table 66. Global R402B Refrigerant Consumption Value by Application (2019-2024) & (USD Million)

Table 67. Global R402B Refrigerant Consumption Value by Application (2025-2030) & (USD Million)

Table 68. Global R402B Refrigerant Average Price by Application (2019-2024) & (USD/MT)

Table 69. Global R402B Refrigerant Average Price by Application (2025-2030) & (USD/MT)

Table 70. North America R402B Refrigerant Sales Quantity by Type (2019-2024) & (K MT)

Table 71. North America R402B Refrigerant Sales Quantity by Type (2025-2030) & (K MT)

Table 72. North America R402B Refrigerant Sales Quantity by Application (2019-2024) & (K MT)

Table 73. North America R402B Refrigerant Sales Quantity by Application (2025-2030) & (K MT)

Table 74. North America R402B Refrigerant Sales Quantity by Country (2019-2024) & (K MT)

Table 75. North America R402B Refrigerant Sales Quantity by Country (2025-2030) & (K MT)

Table 76. North America R402B Refrigerant Consumption Value by Country (2019-2024) & (USD Million)

Table 77. North America R402B Refrigerant Consumption Value by Country (2025-2030) & (USD Million)

Table 78. Europe R402B Refrigerant Sales Quantity by Type (2019-2024) & (K MT)

Table 79. Europe R402B Refrigerant Sales Quantity by Type (2025-2030) & (K MT)

Table 80. Europe R402B Refrigerant Sales Quantity by Application (2019-2024) & (K MT)

Table 81. Europe R402B Refrigerant Sales Quantity by Application (2025-2030) & (K MT)

Table 82. Europe R402B Refrigerant Sales Quantity by Country (2019-2024) & (K MT)

Table 83. Europe R402B Refrigerant Sales Quantity by Country (2025-2030) & (K MT)

Table 84. Europe R402B Refrigerant Consumption Value by Country (2019-2024) & (USD Million)

Table 85. Europe R402B Refrigerant Consumption Value by Country (2025-2030) & (USD Million)

Table 86. Asia-Pacific R402B Refrigerant Sales Quantity by Type (2019-2024) & (K MT)

Table 87. Asia-Pacific R402B Refrigerant Sales Quantity by Type (2025-2030) & (K MT)

Table 88. Asia-Pacific R402B Refrigerant Sales Quantity by Application (2019-2024) & (K MT)

Table 89. Asia-Pacific R402B Refrigerant Sales Quantity by Application (2025-2030) & (K MT)

Table 90. Asia-Pacific R402B Refrigerant Sales Quantity by Region (2019-2024) & (K MT)

Table 91. Asia-Pacific R402B Refrigerant Sales Quantity by Region (2025-2030) & (K MT)

Table 92. Asia-Pacific R402B Refrigerant Consumption Value by Region (2019-2024) & (USD Million)

Table 93. Asia-Pacific R402B Refrigerant Consumption Value by Region (2025-2030) & (USD Million)

Table 94. South America R402B Refrigerant Sales Quantity by Type (2019-2024) & (K MT)

Table 95. South America R402B Refrigerant Sales Quantity by Type (2025-2030) & (K MT)

Table 96. South America R402B Refrigerant Sales Quantity by Application (2019-2024) & (K MT)

Table 97. South America R402B Refrigerant Sales Quantity by Application (2025-2030) & (K MT)

Table 98. South America R402B Refrigerant Sales Quantity by Country (2019-2024) & (K MT)

Table 99. South America R402B Refrigerant Sales Quantity by Country (2025-2030) &

(K MT)

Table 100. South America R402B Refrigerant Consumption Value by Country (2019-2024) & (USD Million)

Table 101. South America R402B Refrigerant Consumption Value by Country (2025-2030) & (USD Million)

Table 102. Middle East & Africa R402B Refrigerant Sales Quantity by Type (2019-2024) & (K MT)

Table 103. Middle East & Africa R402B Refrigerant Sales Quantity by Type (2025-2030) & (K MT)

Table 104. Middle East & Africa R402B Refrigerant Sales Quantity by Application (2019-2024) & (K MT)

Table 105. Middle East & Africa R402B Refrigerant Sales Quantity by Application (2025-2030) & (K MT)

Table 106. Middle East & Africa R402B Refrigerant Sales Quantity by Region (2019-2024) & (K MT)

Table 107. Middle East & Africa R402B Refrigerant Sales Quantity by Region (2025-2030) & (K MT)

Table 108. Middle East & Africa R402B Refrigerant Consumption Value by Region (2019-2024) & (USD Million)

Table 109. Middle East & Africa R402B Refrigerant Consumption Value by Region (2025-2030) & (USD Million)

Table 110. R402B Refrigerant Raw Material

Table 111. Key Manufacturers of R402B Refrigerant Raw Materials

Table 112. R402B Refrigerant Typical Distributors

Table 113. R402B Refrigerant Typical Customers



## List Of Figures

### LIST OF FIGURES

Figure 1. R402B Refrigerant Picture

Figure 2. Global R402B Refrigerant Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Figure 3. Global R402B Refrigerant Consumption Value Market Share by Type in 2023

Figure 4. Disposable Steel Cylinders Examples

Figure 5. Refillsble Steel Cylinders Examples

Figure 6. Global R402B Refrigerant Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 7. Global R402B Refrigerant Consumption Value Market Share by Application in 2023

Figure 8. Industrial Refrigeration Examples

Figure 9. Commercial Refrigeration Examples

Figure 10. Global R402B Refrigerant Consumption Value, (USD Million): 2019 & 2023 & 2030

Figure 11. Global R402B Refrigerant Consumption Value and Forecast (2019-2030) & (USD Million)

Figure 12. Global R402B Refrigerant Sales Quantity (2019-2030) & (K MT)

Figure 13. Global R402B Refrigerant Average Price (2019-2030) & (USD/MT)

Figure 14. Global R402B Refrigerant Sales Quantity Market Share by Manufacturer in 2023

Figure 15. Global R402B Refrigerant Consumption Value Market Share by Manufacturer in 2023

Figure 16. Producer Shipments of R402B Refrigerant by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023

Figure 17. Top 3 R402B Refrigerant Manufacturer (Consumption Value) Market Share in 2023

Figure 18. Top 6 R402B Refrigerant Manufacturer (Consumption Value) Market Share in 2023

Figure 19. Global R402B Refrigerant Sales Quantity Market Share by Region (2019-2030)

Figure 20. Global R402B Refrigerant Consumption Value Market Share by Region (2019-2030)

Figure 21. North America R402B Refrigerant Consumption Value (2019-2030) & (USD Million)

Figure 22. Europe R402B Refrigerant Consumption Value (2019-2030) & (USD Million)

Figure 23. Asia-Pacific R402B Refrigerant Consumption Value (2019-2030) & (USD Million)

Figure 24. South America R402B Refrigerant Consumption Value (2019-2030) & (USD Million)

Figure 25. Middle East & Africa R402B Refrigerant Consumption Value (2019-2030) & (USD Million)

Figure 26. Global R402B Refrigerant Sales Quantity Market Share by Type (2019-2030)

Figure 27. Global R402B Refrigerant Consumption Value Market Share by Type (2019-2030)

Figure 28. Global R402B Refrigerant Average Price by Type (2019-2030) & (USD/MT)

Figure 29. Global R402B Refrigerant Sales Quantity Market Share by Application (2019-2030)

Figure 30. Global R402B Refrigerant Consumption Value Market Share by Application (2019-2030)

Figure 31. Global R402B Refrigerant Average Price by Application (2019-2030) & (USD/MT)

Figure 32. North America R402B Refrigerant Sales Quantity Market Share by Type (2019-2030)

Figure 33. North America R402B Refrigerant Sales Quantity Market Share by Application (2019-2030)

Figure 34. North America R402B Refrigerant Sales Quantity Market Share by Country (2019-2030)

Figure 35. North America R402B Refrigerant Consumption Value Market Share by Country (2019-2030)

Figure 36. United States R402B Refrigerant Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 37. Canada R402B Refrigerant Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 38. Mexico R402B Refrigerant Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 39. Europe R402B Refrigerant Sales Quantity Market Share by Type (2019-2030)

Figure 40. Europe R402B Refrigerant Sales Quantity Market Share by Application (2019-2030)

Figure 41. Europe R402B Refrigerant Sales Quantity Market Share by Country (2019-2030)

Figure 42. Europe R402B Refrigerant Consumption Value Market Share by Country (2019-2030)

Figure 43. Germany R402B Refrigerant Consumption Value and Growth Rate

(2019-2030) & (USD Million)

Figure 44. France R402B Refrigerant Consumption Value and Growth Rate

(2019-2030) & (USD Million)

Figure 45. United Kingdom R402B Refrigerant Consumption Value and Growth Rate

(2019-2030) & (USD Million)

Figure 46. Russia R402B Refrigerant Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 47. Italy R402B Refrigerant Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 48. Asia-Pacific R402B Refrigerant Sales Quantity Market Share by Type (2019-2030)

Figure 49. Asia-Pacific R402B Refrigerant Sales Quantity Market Share by Application (2019-2030)

Figure 50. Asia-Pacific R402B Refrigerant Sales Quantity Market Share by Region (2019-2030)

Figure 51. Asia-Pacific R402B Refrigerant Consumption Value Market Share by Region (2019-2030)

Figure 52. China R402B Refrigerant Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 53. Japan R402B Refrigerant Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 54. Korea R402B Refrigerant Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 55. India R402B Refrigerant Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 56. Southeast Asia R402B Refrigerant Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 57. Australia R402B Refrigerant Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 58. South America R402B Refrigerant Sales Quantity Market Share by Type (2019-2030)

Figure 59. South America R402B Refrigerant Sales Quantity Market Share by Application (2019-2030)

Figure 60. South America R402B Refrigerant Sales Quantity Market Share by Country (2019-2030)

Figure 61. South America R402B Refrigerant Consumption Value Market Share by Country (2019-2030)

Figure 62. Brazil R402B Refrigerant Consumption Value and Growth Rate (2019-2030) & (USD Million)

- Figure 63. Argentina R402B Refrigerant Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 64. Middle East & Africa R402B Refrigerant Sales Quantity Market Share by Type (2019-2030)
- Figure 65. Middle East & Africa R402B Refrigerant Sales Quantity Market Share by Application (2019-2030)
- Figure 66. Middle East & Africa R402B Refrigerant Sales Quantity Market Share by Region (2019-2030)
- Figure 67. Middle East & Africa R402B Refrigerant Consumption Value Market Share by Region (2019-2030)
- Figure 68. Turkey R402B Refrigerant Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 69. Egypt R402B Refrigerant Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 70. Saudi Arabia R402B Refrigerant Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 71. South Africa R402B Refrigerant Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 72. R402B Refrigerant Market Drivers
- Figure 73. R402B Refrigerant Market Restraints
- Figure 74. R402B Refrigerant Market Trends
- Figure 75. Porters Five Forces Analysis
- Figure 76. Manufacturing Cost Structure Analysis of R402B Refrigerant in 2023
- Figure 77. Manufacturing Process Analysis of R402B Refrigerant
- Figure 78. R402B Refrigerant Industrial Chain
- Figure 79. Sales Quantity Channel: Direct to End-User vs Distributors
- Figure 80. Direct Channel Pros & Cons
- Figure 81. Indirect Channel Pros & Cons
- Figure 82. Methodology
- Figure 83. Research Process and Data Source

## I would like to order

Product name: Global R402B Refrigerant Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

Product link: <https://marketpublishers.com/r/G57565A3371GEN.html>

Price: US\$ 3,480.00 (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/G57565A3371GEN.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

