

Global Low GWP Refrigerant R-1234ze Market Growth 2023-2029

<https://marketpublishers.com/r/G37C31058E2CEN.html>

Date: July 2023

Pages: 79

Price: US\$ 3,660.00 (Single User License)

ID: G37C31058E2CEN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

The global Low GWP Refrigerant R-1234ze market size is projected to grow from US\$ 552.7 million in 2022 to US\$ 766 million in 2029; it is expected to grow at a CAGR of 4.8% from 2023 to 2029.

United States market for Low GWP Refrigerant R-1234ze is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Low GWP Refrigerant R-1234ze is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Low GWP Refrigerant R-1234ze is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Low GWP Refrigerant R-1234ze players cover Honeywell, Kaltra and Sinteco, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

R-1234ze is a low GWP (Global Warming Potential) refrigerant that belongs to the fourth-generation of fluorine-based refrigerants. It is an HFO (hydrofluoroolefin) refrigerant and is recognized for its environmental friendliness compared to previous generations of refrigerants with higher GWPs.

LPI (LP Information)' newest research report, the "Low GWP Refrigerant R-1234ze Industry Forecast" looks at past sales and reviews total world Low GWP Refrigerant

R-1234ze sales in 2022, providing a comprehensive analysis by region and market sector of projected Low GWP Refrigerant R-1234ze sales for 2023 through 2029. With Low GWP Refrigerant R-1234ze sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Low GWP Refrigerant R-1234ze industry.

This Insight Report provides a comprehensive analysis of the global Low GWP Refrigerant R-1234ze 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 Low GWP Refrigerant R-1234ze portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Low GWP Refrigerant R-1234ze market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Low GWP Refrigerant R-1234ze 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 Low GWP Refrigerant R-1234ze.

This report presents a comprehensive overview, market shares, and growth opportunities of Low GWP Refrigerant R-1234ze market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Purity 99%

Purity 99.5%

Other

Segmentation by application

Commercial Refrigeration

Industrial Refrigeration

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 analyzing the company's coverage, product portfolio, its market penetration.

Honeywell

Kaltra

Sinteco

Key Questions Addressed in this Report

What is the 10-year outlook for the global Low GWP Refrigerant R-1234ze market?

What factors are driving Low GWP Refrigerant R-1234ze market growth, globally and by region?

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

How do Low GWP Refrigerant R-1234ze market opportunities vary by end market size?

How does Low GWP Refrigerant R-1234ze break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

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 Low GWP Refrigerant R-1234ze Annual Sales 2018-2029
 - 2.1.2 World Current & Future Analysis for Low GWP Refrigerant R-1234ze by Geographic Region, 2018, 2022 & 2029
 - 2.1.3 World Current & Future Analysis for Low GWP Refrigerant R-1234ze by Country/Region, 2018, 2022 & 2029
- 2.2 Low GWP Refrigerant R-1234ze Segment by Type
 - 2.2.1 Purity 99%
 - 2.2.2 Purity 99.5%
 - 2.2.3 Other
- 2.3 Low GWP Refrigerant R-1234ze Sales by Type
 - 2.3.1 Global Low GWP Refrigerant R-1234ze Sales Market Share by Type (2018-2023)
 - 2.3.2 Global Low GWP Refrigerant R-1234ze Revenue and Market Share by Type (2018-2023)
 - 2.3.3 Global Low GWP Refrigerant R-1234ze Sale Price by Type (2018-2023)
- 2.4 Low GWP Refrigerant R-1234ze Segment by Application
 - 2.4.1 Commercial Refrigeration
 - 2.4.2 Industrial Refrigeration
 - 2.4.3 Other
- 2.5 Low GWP Refrigerant R-1234ze Sales by Application
 - 2.5.1 Global Low GWP Refrigerant R-1234ze Sale Market Share by Application (2018-2023)
 - 2.5.2 Global Low GWP Refrigerant R-1234ze Revenue and Market Share by

Application (2018-2023)

2.5.3 Global Low GWP Refrigerant R-1234ze Sale Price by Application (2018-2023)

3 GLOBAL LOW GWP REFRIGERANT R-1234ZE BY COMPANY

3.1 Global Low GWP Refrigerant R-1234ze Breakdown Data by Company

3.1.1 Global Low GWP Refrigerant R-1234ze Annual Sales by Company (2018-2023)

3.1.2 Global Low GWP Refrigerant R-1234ze Sales Market Share by Company (2018-2023)

3.2 Global Low GWP Refrigerant R-1234ze Annual Revenue by Company (2018-2023)

3.2.1 Global Low GWP Refrigerant R-1234ze Revenue by Company (2018-2023)

3.2.2 Global Low GWP Refrigerant R-1234ze Revenue Market Share by Company (2018-2023)

3.3 Global Low GWP Refrigerant R-1234ze Sale Price by Company

3.4 Key Manufacturers Low GWP Refrigerant R-1234ze Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Low GWP Refrigerant R-1234ze Product Location Distribution

3.4.2 Players Low GWP Refrigerant R-1234ze Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

4 WORLD HISTORIC REVIEW FOR LOW GWP REFRIGERANT R-1234ZE BY GEOGRAPHIC REGION

4.1 World Historic Low GWP Refrigerant R-1234ze Market Size by Geographic Region (2018-2023)

4.1.1 Global Low GWP Refrigerant R-1234ze Annual Sales by Geographic Region (2018-2023)

4.1.2 Global Low GWP Refrigerant R-1234ze Annual Revenue by Geographic Region (2018-2023)

4.2 World Historic Low GWP Refrigerant R-1234ze Market Size by Country/Region (2018-2023)

4.2.1 Global Low GWP Refrigerant R-1234ze Annual Sales by Country/Region (2018-2023)

4.2.2 Global Low GWP Refrigerant R-1234ze Annual Revenue by Country/Region

(2018-2023)

4.3 Americas Low GWP Refrigerant R-1234ze Sales Growth

4.4 APAC Low GWP Refrigerant R-1234ze Sales Growth

4.5 Europe Low GWP Refrigerant R-1234ze Sales Growth

4.6 Middle East & Africa Low GWP Refrigerant R-1234ze Sales Growth

5 AMERICAS

5.1 Americas Low GWP Refrigerant R-1234ze Sales by Country

5.1.1 Americas Low GWP Refrigerant R-1234ze Sales by Country (2018-2023)

5.1.2 Americas Low GWP Refrigerant R-1234ze Revenue by Country (2018-2023)

5.2 Americas Low GWP Refrigerant R-1234ze Sales by Type

5.3 Americas Low GWP Refrigerant R-1234ze Sales by Application

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Low GWP Refrigerant R-1234ze Sales by Region

6.1.1 APAC Low GWP Refrigerant R-1234ze Sales by Region (2018-2023)

6.1.2 APAC Low GWP Refrigerant R-1234ze Revenue by Region (2018-2023)

6.2 APAC Low GWP Refrigerant R-1234ze Sales by Type

6.3 APAC Low GWP Refrigerant R-1234ze Sales by Application

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 Low GWP Refrigerant R-1234ze by Country

7.1.1 Europe Low GWP Refrigerant R-1234ze Sales by Country (2018-2023)

7.1.2 Europe Low GWP Refrigerant R-1234ze Revenue by Country (2018-2023)

7.2 Europe Low GWP Refrigerant R-1234ze Sales by Type

7.3 Europe Low GWP Refrigerant R-1234ze Sales by Application

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Low GWP Refrigerant R-1234ze by Country

8.1.1 Middle East & Africa Low GWP Refrigerant R-1234ze Sales by Country (2018-2023)

8.1.2 Middle East & Africa Low GWP Refrigerant R-1234ze Revenue by Country (2018-2023)

8.2 Middle East & Africa Low GWP Refrigerant R-1234ze Sales by Type

8.3 Middle East & Africa Low GWP Refrigerant R-1234ze Sales by Application

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 Low GWP Refrigerant R-1234ze

10.3 Manufacturing Process Analysis of Low GWP Refrigerant R-1234ze

10.4 Industry Chain Structure of Low GWP Refrigerant R-1234ze

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

- 11.1.2 Indirect Channels
- 11.2 Low GWP Refrigerant R-1234ze Distributors
- 11.3 Low GWP Refrigerant R-1234ze Customer

12 WORLD FORECAST REVIEW FOR LOW GWP REFRIGERANT R-1234ZE BY GEOGRAPHIC REGION

- 12.1 Global Low GWP Refrigerant R-1234ze Market Size Forecast by Region
 - 12.1.1 Global Low GWP Refrigerant R-1234ze Forecast by Region (2024-2029)
 - 12.1.2 Global Low GWP Refrigerant R-1234ze Annual Revenue Forecast by Region (2024-2029)
- 12.2 Americas Forecast by Country
- 12.3 APAC Forecast by Region
- 12.4 Europe Forecast by Country
- 12.5 Middle East & Africa Forecast by Country
- 12.6 Global Low GWP Refrigerant R-1234ze Forecast by Type
- 12.7 Global Low GWP Refrigerant R-1234ze Forecast by Application

13 KEY PLAYERS ANALYSIS

- 13.1 Honeywell
 - 13.1.1 Honeywell Company Information
 - 13.1.2 Honeywell Low GWP Refrigerant R-1234ze Product Portfolios and Specifications
 - 13.1.3 Honeywell Low GWP Refrigerant R-1234ze Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.1.4 Honeywell Main Business Overview
 - 13.1.5 Honeywell Latest Developments
- 13.2 Kaltra
 - 13.2.1 Kaltra Company Information
 - 13.2.2 Kaltra Low GWP Refrigerant R-1234ze Product Portfolios and Specifications
 - 13.2.3 Kaltra Low GWP Refrigerant R-1234ze Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.2.4 Kaltra Main Business Overview
 - 13.2.5 Kaltra Latest Developments
- 13.3 Sinteco
 - 13.3.1 Sinteco Company Information
 - 13.3.2 Sinteco Low GWP Refrigerant R-1234ze Product Portfolios and Specifications
 - 13.3.3 Sinteco Low GWP Refrigerant R-1234ze Sales, Revenue, Price and Gross

Margin (2018-2023)

13.3.4 Sinteco Main Business Overview

13.3.5 Sinteco Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Low GWP Refrigerant R-1234ze Annual Sales CAGR by Geographic Region (2018, 2022 & 2029) & (\$ millions)

Table 2. Low GWP Refrigerant R-1234ze Annual Sales CAGR by Country/Region (2018, 2022 & 2029) & (\$ millions)

Table 3. Major Players of Purity 99%

Table 4. Major Players of Purity 99.5%

Table 5. Major Players of Other

Table 6. Global Low GWP Refrigerant R-1234ze Sales by Type (2018-2023) & (Tons)

Table 7. Global Low GWP Refrigerant R-1234ze Sales Market Share by Type (2018-2023)

Table 8. Global Low GWP Refrigerant R-1234ze Revenue by Type (2018-2023) & (\$ million)

Table 9. Global Low GWP Refrigerant R-1234ze Revenue Market Share by Type (2018-2023)

Table 10. Global Low GWP Refrigerant R-1234ze Sale Price by Type (2018-2023) & (US\$/Ton)

Table 11. Global Low GWP Refrigerant R-1234ze Sales by Application (2018-2023) & (Tons)

Table 12. Global Low GWP Refrigerant R-1234ze Sales Market Share by Application (2018-2023)

Table 13. Global Low GWP Refrigerant R-1234ze Revenue by Application (2018-2023)

Table 14. Global Low GWP Refrigerant R-1234ze Revenue Market Share by Application (2018-2023)

Table 15. Global Low GWP Refrigerant R-1234ze Sale Price by Application (2018-2023) & (US\$/Ton)

Table 16. Global Low GWP Refrigerant R-1234ze Sales by Company (2018-2023) & (Tons)

Table 17. Global Low GWP Refrigerant R-1234ze Sales Market Share by Company (2018-2023)

Table 18. Global Low GWP Refrigerant R-1234ze Revenue by Company (2018-2023) (\$ Millions)

Table 19. Global Low GWP Refrigerant R-1234ze Revenue Market Share by Company (2018-2023)

Table 20. Global Low GWP Refrigerant R-1234ze Sale Price by Company (2018-2023) & (US\$/Ton)

- Table 21. Key Manufacturers Low GWP Refrigerant R-1234ze Producing Area Distribution and Sales Area
- Table 22. Players Low GWP Refrigerant R-1234ze Products Offered
- Table 23. Low GWP Refrigerant R-1234ze Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)
- Table 24. New Products and Potential Entrants
- Table 25. Mergers & Acquisitions, Expansion
- Table 26. Global Low GWP Refrigerant R-1234ze Sales by Geographic Region (2018-2023) & (Tons)
- Table 27. Global Low GWP Refrigerant R-1234ze Sales Market Share Geographic Region (2018-2023)
- Table 28. Global Low GWP Refrigerant R-1234ze Revenue by Geographic Region (2018-2023) & (\$ millions)
- Table 29. Global Low GWP Refrigerant R-1234ze Revenue Market Share by Geographic Region (2018-2023)
- Table 30. Global Low GWP Refrigerant R-1234ze Sales by Country/Region (2018-2023) & (Tons)
- Table 31. Global Low GWP Refrigerant R-1234ze Sales Market Share by Country/Region (2018-2023)
- Table 32. Global Low GWP Refrigerant R-1234ze Revenue by Country/Region (2018-2023) & (\$ millions)
- Table 33. Global Low GWP Refrigerant R-1234ze Revenue Market Share by Country/Region (2018-2023)
- Table 34. Americas Low GWP Refrigerant R-1234ze Sales by Country (2018-2023) & (Tons)
- Table 35. Americas Low GWP Refrigerant R-1234ze Sales Market Share by Country (2018-2023)
- Table 36. Americas Low GWP Refrigerant R-1234ze Revenue by Country (2018-2023) & (\$ Millions)
- Table 37. Americas Low GWP Refrigerant R-1234ze Revenue Market Share by Country (2018-2023)
- Table 38. Americas Low GWP Refrigerant R-1234ze Sales by Type (2018-2023) & (Tons)
- Table 39. Americas Low GWP Refrigerant R-1234ze Sales by Application (2018-2023) & (Tons)
- Table 40. APAC Low GWP Refrigerant R-1234ze Sales by Region (2018-2023) & (Tons)
- Table 41. APAC Low GWP Refrigerant R-1234ze Sales Market Share by Region (2018-2023)

Table 42. APAC Low GWP Refrigerant R-1234ze Revenue by Region (2018-2023) & (\$ Millions)

Table 43. APAC Low GWP Refrigerant R-1234ze Revenue Market Share by Region (2018-2023)

Table 44. APAC Low GWP Refrigerant R-1234ze Sales by Type (2018-2023) & (Tons)

Table 45. APAC Low GWP Refrigerant R-1234ze Sales by Application (2018-2023) & (Tons)

Table 46. Europe Low GWP Refrigerant R-1234ze Sales by Country (2018-2023) & (Tons)

Table 47. Europe Low GWP Refrigerant R-1234ze Sales Market Share by Country (2018-2023)

Table 48. Europe Low GWP Refrigerant R-1234ze Revenue by Country (2018-2023) & (\$ Millions)

Table 49. Europe Low GWP Refrigerant R-1234ze Revenue Market Share by Country (2018-2023)

Table 50. Europe Low GWP Refrigerant R-1234ze Sales by Type (2018-2023) & (Tons)

Table 51. Europe Low GWP Refrigerant R-1234ze Sales by Application (2018-2023) & (Tons)

Table 52. Middle East & Africa Low GWP Refrigerant R-1234ze Sales by Country (2018-2023) & (Tons)

Table 53. Middle East & Africa Low GWP Refrigerant R-1234ze Sales Market Share by Country (2018-2023)

Table 54. Middle East & Africa Low GWP Refrigerant R-1234ze Revenue by Country (2018-2023) & (\$ Millions)

Table 55. Middle East & Africa Low GWP Refrigerant R-1234ze Revenue Market Share by Country (2018-2023)

Table 56. Middle East & Africa Low GWP Refrigerant R-1234ze Sales by Type (2018-2023) & (Tons)

Table 57. Middle East & Africa Low GWP Refrigerant R-1234ze Sales by Application (2018-2023) & (Tons)

Table 58. Key Market Drivers & Growth Opportunities of Low GWP Refrigerant R-1234ze

Table 59. Key Market Challenges & Risks of Low GWP Refrigerant R-1234ze

Table 60. Key Industry Trends of Low GWP Refrigerant R-1234ze

Table 61. Low GWP Refrigerant R-1234ze Raw Material

Table 62. Key Suppliers of Raw Materials

Table 63. Low GWP Refrigerant R-1234ze Distributors List

Table 64. Low GWP Refrigerant R-1234ze Customer List

Table 65. Global Low GWP Refrigerant R-1234ze Sales Forecast by Region

(2024-2029) & (Tons)

Table 66. Global Low GWP Refrigerant R-1234ze Revenue Forecast by Region (2024-2029) & (\$ millions)

Table 67. Americas Low GWP Refrigerant R-1234ze Sales Forecast by Country (2024-2029) & (Tons)

Table 68. Americas Low GWP Refrigerant R-1234ze Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 69. APAC Low GWP Refrigerant R-1234ze Sales Forecast by Region (2024-2029) & (Tons)

Table 70. APAC Low GWP Refrigerant R-1234ze Revenue Forecast by Region (2024-2029) & (\$ millions)

Table 71. Europe Low GWP Refrigerant R-1234ze Sales Forecast by Country (2024-2029) & (Tons)

Table 72. Europe Low GWP Refrigerant R-1234ze Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 73. Middle East & Africa Low GWP Refrigerant R-1234ze Sales Forecast by Country (2024-2029) & (Tons)

Table 74. Middle East & Africa Low GWP Refrigerant R-1234ze Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 75. Global Low GWP Refrigerant R-1234ze Sales Forecast by Type (2024-2029) & (Tons)

Table 76. Global Low GWP Refrigerant R-1234ze Revenue Forecast by Type (2024-2029) & (\$ Millions)

Table 77. Global Low GWP Refrigerant R-1234ze Sales Forecast by Application (2024-2029) & (Tons)

Table 78. Global Low GWP Refrigerant R-1234ze Revenue Forecast by Application (2024-2029) & (\$ Millions)

Table 79. Honeywell Basic Information, Low GWP Refrigerant R-1234ze Manufacturing Base, Sales Area and Its Competitors

Table 80. Honeywell Low GWP Refrigerant R-1234ze Product Portfolios and Specifications

Table 81. Honeywell Low GWP Refrigerant R-1234ze Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 82. Honeywell Main Business

Table 83. Honeywell Latest Developments

Table 84. Kaltra Basic Information, Low GWP Refrigerant R-1234ze Manufacturing Base, Sales Area and Its Competitors

Table 85. Kaltra Low GWP Refrigerant R-1234ze Product Portfolios and Specifications

Table 86. Kaltra Low GWP Refrigerant R-1234ze Sales (Tons), Revenue (\$ Million),

Price (US\$/Ton) and Gross Margin (2018-2023)

Table 87. Kaltra Main Business

Table 88. Kaltra Latest Developments

Table 89. Sinteco Basic Information, Low GWP Refrigerant R-1234ze Manufacturing Base, Sales Area and Its Competitors

Table 90. Sinteco Low GWP Refrigerant R-1234ze Product Portfolios and Specifications

Table 91. Sinteco Low GWP Refrigerant R-1234ze Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 92. Sinteco Main Business

Table 93. Sinteco Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Low GWP Refrigerant R-1234ze
- Figure 2. Low GWP Refrigerant R-1234ze Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Low GWP Refrigerant R-1234ze Sales Growth Rate 2018-2029 (Tons)
- Figure 7. Global Low GWP Refrigerant R-1234ze Revenue Growth Rate 2018-2029 (\$ Millions)
- Figure 8. Low GWP Refrigerant R-1234ze Sales by Region (2018, 2022 & 2029) & (\$ Millions)
- Figure 9. Product Picture of Purity 99%
- Figure 10. Product Picture of Purity 99.5%
- Figure 11. Product Picture of Other
- Figure 12. Global Low GWP Refrigerant R-1234ze Sales Market Share by Type in 2022
- Figure 13. Global Low GWP Refrigerant R-1234ze Revenue Market Share by Type (2018-2023)
- Figure 14. Low GWP Refrigerant R-1234ze Consumed in Commercial Refrigeration
- Figure 15. Global Low GWP Refrigerant R-1234ze Market: Commercial Refrigeration (2018-2023) & (Tons)
- Figure 16. Low GWP Refrigerant R-1234ze Consumed in Industrial Refrigeration
- Figure 17. Global Low GWP Refrigerant R-1234ze Market: Industrial Refrigeration (2018-2023) & (Tons)
- Figure 18. Low GWP Refrigerant R-1234ze Consumed in Other
- Figure 19. Global Low GWP Refrigerant R-1234ze Market: Other (2018-2023) & (Tons)
- Figure 20. Global Low GWP Refrigerant R-1234ze Sales Market Share by Application (2022)
- Figure 21. Global Low GWP Refrigerant R-1234ze Revenue Market Share by Application in 2022
- Figure 22. Low GWP Refrigerant R-1234ze Sales Market by Company in 2022 (Tons)
- Figure 23. Global Low GWP Refrigerant R-1234ze Sales Market Share by Company in 2022
- Figure 24. Low GWP Refrigerant R-1234ze Revenue Market by Company in 2022 (\$ Million)
- Figure 25. Global Low GWP Refrigerant R-1234ze Revenue Market Share by Company in 2022

Figure 26. Global Low GWP Refrigerant R-1234ze Sales Market Share by Geographic Region (2018-2023)

Figure 27. Global Low GWP Refrigerant R-1234ze Revenue Market Share by Geographic Region in 2022

Figure 28. Americas Low GWP Refrigerant R-1234ze Sales 2018-2023 (Tons)

Figure 29. Americas Low GWP Refrigerant R-1234ze Revenue 2018-2023 (\$ Millions)

Figure 30. APAC Low GWP Refrigerant R-1234ze Sales 2018-2023 (Tons)

Figure 31. APAC Low GWP Refrigerant R-1234ze Revenue 2018-2023 (\$ Millions)

Figure 32. Europe Low GWP Refrigerant R-1234ze Sales 2018-2023 (Tons)

Figure 33. Europe Low GWP Refrigerant R-1234ze Revenue 2018-2023 (\$ Millions)

Figure 34. Middle East & Africa Low GWP Refrigerant R-1234ze Sales 2018-2023 (Tons)

Figure 35. Middle East & Africa Low GWP Refrigerant R-1234ze Revenue 2018-2023 (\$ Millions)

Figure 36. Americas Low GWP Refrigerant R-1234ze Sales Market Share by Country in 2022

Figure 37. Americas Low GWP Refrigerant R-1234ze Revenue Market Share by Country in 2022

Figure 38. Americas Low GWP Refrigerant R-1234ze Sales Market Share by Type (2018-2023)

Figure 39. Americas Low GWP Refrigerant R-1234ze Sales Market Share by Application (2018-2023)

Figure 40. United States Low GWP Refrigerant R-1234ze Revenue Growth 2018-2023 (\$ Millions)

Figure 41. Canada Low GWP Refrigerant R-1234ze Revenue Growth 2018-2023 (\$ Millions)

Figure 42. Mexico Low GWP Refrigerant R-1234ze Revenue Growth 2018-2023 (\$ Millions)

Figure 43. Brazil Low GWP Refrigerant R-1234ze Revenue Growth 2018-2023 (\$ Millions)

Figure 44. APAC Low GWP Refrigerant R-1234ze Sales Market Share by Region in 2022

Figure 45. APAC Low GWP Refrigerant R-1234ze Revenue Market Share by Regions in 2022

Figure 46. APAC Low GWP Refrigerant R-1234ze Sales Market Share by Type (2018-2023)

Figure 47. APAC Low GWP Refrigerant R-1234ze Sales Market Share by Application (2018-2023)

Figure 48. China Low GWP Refrigerant R-1234ze Revenue Growth 2018-2023 (\$

Millions)

Figure 49. Japan Low GWP Refrigerant R-1234ze Revenue Growth 2018-2023 (\$ Millions)

Figure 50. South Korea Low GWP Refrigerant R-1234ze Revenue Growth 2018-2023 (\$ Millions)

Figure 51. Southeast Asia Low GWP Refrigerant R-1234ze Revenue Growth 2018-2023 (\$ Millions)

Figure 52. India Low GWP Refrigerant R-1234ze Revenue Growth 2018-2023 (\$ Millions)

Figure 53. Australia Low GWP Refrigerant R-1234ze Revenue Growth 2018-2023 (\$ Millions)

Figure 54. China Taiwan Low GWP Refrigerant R-1234ze Revenue Growth 2018-2023 (\$ Millions)

Figure 55. Europe Low GWP Refrigerant R-1234ze Sales Market Share by Country in 2022

Figure 56. Europe Low GWP Refrigerant R-1234ze Revenue Market Share by Country in 2022

Figure 57. Europe Low GWP Refrigerant R-1234ze Sales Market Share by Type (2018-2023)

Figure 58. Europe Low GWP Refrigerant R-1234ze Sales Market Share by Application (2018-2023)

Figure 59. Germany Low GWP Refrigerant R-1234ze Revenue Growth 2018-2023 (\$ Millions)

Figure 60. France Low GWP Refrigerant R-1234ze Revenue Growth 2018-2023 (\$ Millions)

Figure 61. UK Low GWP Refrigerant R-1234ze Revenue Growth 2018-2023 (\$ Millions)

Figure 62. Italy Low GWP Refrigerant R-1234ze Revenue Growth 2018-2023 (\$ Millions)

Figure 63. Russia Low GWP Refrigerant R-1234ze Revenue Growth 2018-2023 (\$ Millions)

Figure 64. Middle East & Africa Low GWP Refrigerant R-1234ze Sales Market Share by Country in 2022

Figure 65. Middle East & Africa Low GWP Refrigerant R-1234ze Revenue Market Share by Country in 2022

Figure 66. Middle East & Africa Low GWP Refrigerant R-1234ze Sales Market Share by Type (2018-2023)

Figure 67. Middle East & Africa Low GWP Refrigerant R-1234ze Sales Market Share by Application (2018-2023)

Figure 68. Egypt Low GWP Refrigerant R-1234ze Revenue Growth 2018-2023 (\$

Millions)

Figure 69. South Africa Low GWP Refrigerant R-1234ze Revenue Growth 2018-2023 (\$ Millions)

Figure 70. Israel Low GWP Refrigerant R-1234ze Revenue Growth 2018-2023 (\$ Millions)

Figure 71. Turkey Low GWP Refrigerant R-1234ze Revenue Growth 2018-2023 (\$ Millions)

Figure 72. GCC Country Low GWP Refrigerant R-1234ze Revenue Growth 2018-2023 (\$ Millions)

Figure 73. Manufacturing Cost Structure Analysis of Low GWP Refrigerant R-1234ze in 2022

Figure 74. Manufacturing Process Analysis of Low GWP Refrigerant R-1234ze

Figure 75. Industry Chain Structure of Low GWP Refrigerant R-1234ze

Figure 76. Channels of Distribution

Figure 77. Global Low GWP Refrigerant R-1234ze Sales Market Forecast by Region (2024-2029)

Figure 78. Global Low GWP Refrigerant R-1234ze Revenue Market Share Forecast by Region (2024-2029)

Figure 79. Global Low GWP Refrigerant R-1234ze Sales Market Share Forecast by Type (2024-2029)

Figure 80. Global Low GWP Refrigerant R-1234ze Revenue Market Share Forecast by Type (2024-2029)

Figure 81. Global Low GWP Refrigerant R-1234ze Sales Market Share Forecast by Application (2024-2029)

Figure 82. Global Low GWP Refrigerant R-1234ze Revenue Market Share Forecast by Application (2024-2029)

I would like to order

Product name: Global Low GWP Refrigerant R-1234ze Market Growth 2023-2029

Product link: <https://marketpublishers.com/r/G37C31058E2CEN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G37C31058E2CEN.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