

Global R152a (DFE or difluoroethane) Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global R152a (DFE or difluoroethane) market size was valued at US\$ million in 2024 and is forecast to a readjusted size of USD million by 2031 with a CAGR of %during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

R152a (DFE or difluoroethane) is an eco-friendly refrigerant used in positive-temperature refrigeration as a direct replacement for R134a. Difluoroethane is not ozone-depleting, features excellent energy efficiency and extremely low GWP, that is, 124. R152a is commonly used as an aerosol propellant, a blowing gas with plastic materials or a component in various refrigerant blends. It is classified as A2 (mildly flammable) by ASHRAE.

This report is a detailed and comprehensive analysis for global R152a (DFE or difluoroethane) market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Purity and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global R152a (DFE or difluoroethane) market size and forecasts, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/kg), 2020-2031

Global R152a (DFE or difluoroethane) market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/kg), 2020-2031

Global R152a (DFE or difluoroethane) market size and forecasts, by Purity and by Application, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/kg), 2020-2031

Global R152a (DFE or difluoroethane) market shares of main players, shipments in revenue (\$ Million), sales quantity (Kilotons), and ASP (US\$/kg), 2020-2025

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for R152a (DFE or difluoroethane)
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global R152a (DFE or difluoroethane) market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Zhejiang Yonghe, Zhejiang Juhua, Dongyue Group, Zibo Feiyuan Chemical, Linde Gas, Zhejiang Guomao, Shandong Yue'an New Material, Dongyang Weihua, Hudson Technologies, Shandong Shing, etc. This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

R152a (DFE or difluoroethane) market is split by Purity and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Purity, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Purity

Purity 99.5% or more

Purity 99.9% or more

Market segment by Application

Refrigerant

Foaming Agent

Aerosol Spray

Cooling Agent

Other

Major players covered

Zhejiang Yonghe

Zhejiang Juhua

Dongyue Group

Zibo Feiyuan Chemical

Linde Gas

Zhejiang Guomao

Shandong Yue'an New Material

Dongyang Weihua

Hudson Technologies

Shandong Shing

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 R152a (DFE or difluoroethane) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of R152a (DFE or difluoroethane), with price, sales quantity, revenue, and global market share of R152a (DFE or difluoroethane) from 2020 to 2025.

Chapter 3, the R152a (DFE or difluoroethane) competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the R152a (DFE or difluoroethane) breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Purity and by Application, with sales market share and growth rate by Purity, by Application, from 2020 to 2031.

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 2020 to 2025. and R152a (DFE or difluoroethane) market forecast, by regions, by Purity, and by Application, with sales and revenue, from 2026 to 2031.

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 R152a (DFE or difluoroethane).

Chapter 14 and 15, to describe R152a (DFE or difluoroethane) sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Purity
 - 1.3.1 Overview: Global R152a (DFE or difluoroethane) Consumption Value by Purity: 2020 Versus 2024 Versus 2031
 - 1.3.2 Purity 99.5% or more
 - 1.3.3 Purity 99.9% or more
- 1.4 Market Analysis by Application
 - 1.4.1 Overview: Global R152a (DFE or difluoroethane) Consumption Value by Application: 2020 Versus 2024 Versus 2031
 - 1.4.2 Refrigerant
 - 1.4.3 Foaming Agent
 - 1.4.4 Aerosol Spray
 - 1.4.5 Cooling Agent
 - 1.4.6 Other
- 1.5 Global R152a (DFE or difluoroethane) Market Size & Forecast
 - 1.5.1 Global R152a (DFE or difluoroethane) Consumption Value (2020 & 2024 & 2031)
 - 1.5.2 Global R152a (DFE or difluoroethane) Sales Quantity (2020-2031)
 - 1.5.3 Global R152a (DFE or difluoroethane) Average Price (2020-2031)

2 MANUFACTURERS PROFILES

- 2.1 Zhejiang Yonghe
 - 2.1.1 Zhejiang Yonghe Details
 - 2.1.2 Zhejiang Yonghe Major Business
 - 2.1.3 Zhejiang Yonghe R152a (DFE or difluoroethane) Product and Services
 - 2.1.4 Zhejiang Yonghe R152a (DFE or difluoroethane) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.1.5 Zhejiang Yonghe Recent Developments/Updates
- 2.2 Zhejiang Juhua
 - 2.2.1 Zhejiang Juhua Details
 - 2.2.2 Zhejiang Juhua Major Business
 - 2.2.3 Zhejiang Juhua R152a (DFE or difluoroethane) Product and Services
 - 2.2.4 Zhejiang Juhua R152a (DFE or difluoroethane) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

- 2.2.5 Zhejiang Juhua Recent Developments/Updates
- 2.3 Dongyue Group
 - 2.3.1 Dongyue Group Details
 - 2.3.2 Dongyue Group Major Business
 - 2.3.3 Dongyue Group R152a (DFE or difluoroethane) Product and Services
 - 2.3.4 Dongyue Group R152a (DFE or difluoroethane) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.3.5 Dongyue Group Recent Developments/Updates
- 2.4 Zibo Feiyuan Chemical
 - 2.4.1 Zibo Feiyuan Chemical Details
 - 2.4.2 Zibo Feiyuan Chemical Major Business
 - 2.4.3 Zibo Feiyuan Chemical R152a (DFE or difluoroethane) Product and Services
 - 2.4.4 Zibo Feiyuan Chemical R152a (DFE or difluoroethane) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.4.5 Zibo Feiyuan Chemical Recent Developments/Updates
- 2.5 Linde Gas
 - 2.5.1 Linde Gas Details
 - 2.5.2 Linde Gas Major Business
 - 2.5.3 Linde Gas R152a (DFE or difluoroethane) Product and Services
 - 2.5.4 Linde Gas R152a (DFE or difluoroethane) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.5.5 Linde Gas Recent Developments/Updates
- 2.6 Zhejiang Guomao
 - 2.6.1 Zhejiang Guomao Details
 - 2.6.2 Zhejiang Guomao Major Business
 - 2.6.3 Zhejiang Guomao R152a (DFE or difluoroethane) Product and Services
 - 2.6.4 Zhejiang Guomao R152a (DFE or difluoroethane) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.6.5 Zhejiang Guomao Recent Developments/Updates
- 2.7 Shandong Yue'an New Material
 - 2.7.1 Shandong Yue'an New Material Details
 - 2.7.2 Shandong Yue'an New Material Major Business
 - 2.7.3 Shandong Yue'an New Material R152a (DFE or difluoroethane) Product and Services
 - 2.7.4 Shandong Yue'an New Material R152a (DFE or difluoroethane) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.7.5 Shandong Yue'an New Material Recent Developments/Updates
- 2.8 Dongyang Weihua
 - 2.8.1 Dongyang Weihua Details

- 2.8.2 Dongyang Weihua Major Business
- 2.8.3 Dongyang Weihua R152a (DFE or difluoroethane) Product and Services
- 2.8.4 Dongyang Weihua R152a (DFE or difluoroethane) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.8.5 Dongyang Weihua Recent Developments/Updates
- 2.9 Hudson Technologies
 - 2.9.1 Hudson Technologies Details
 - 2.9.2 Hudson Technologies Major Business
 - 2.9.3 Hudson Technologies R152a (DFE or difluoroethane) Product and Services
 - 2.9.4 Hudson Technologies R152a (DFE or difluoroethane) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.9.5 Hudson Technologies Recent Developments/Updates
- 2.10 Shandong Shing
 - 2.10.1 Shandong Shing Details
 - 2.10.2 Shandong Shing Major Business
 - 2.10.3 Shandong Shing R152a (DFE or difluoroethane) Product and Services
 - 2.10.4 Shandong Shing R152a (DFE or difluoroethane) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.10.5 Shandong Shing Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: R152A (DFE OR DIFLUOROETHANE) BY MANUFACTURER

- 3.1 Global R152a (DFE or difluoroethane) Sales Quantity by Manufacturer (2020-2025)
- 3.2 Global R152a (DFE or difluoroethane) Revenue by Manufacturer (2020-2025)
- 3.3 Global R152a (DFE or difluoroethane) Average Price by Manufacturer (2020-2025)
- 3.4 Market Share Analysis (2024)
 - 3.4.1 Producer Shipments of R152a (DFE or difluoroethane) by Manufacturer Revenue (\$MM) and Market Share (%): 2024
 - 3.4.2 Top 3 R152a (DFE or difluoroethane) Manufacturer Market Share in 2024
 - 3.4.3 Top 6 R152a (DFE or difluoroethane) Manufacturer Market Share in 2024
- 3.5 R152a (DFE or difluoroethane) Market: Overall Company Footprint Analysis
 - 3.5.1 R152a (DFE or difluoroethane) Market: Region Footprint
 - 3.5.2 R152a (DFE or difluoroethane) Market: Company Product Type Footprint
 - 3.5.3 R152a (DFE or difluoroethane) 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 R152a (DFE or difluoroethane) Market Size by Region

4.1.1 Global R152a (DFE or difluoroethane) Sales Quantity by Region (2020-2031)

4.1.2 Global R152a (DFE or difluoroethane) Consumption Value by Region (2020-2031)

4.1.3 Global R152a (DFE or difluoroethane) Average Price by Region (2020-2031)

4.2 North America R152a (DFE or difluoroethane) Consumption Value (2020-2031)

4.3 Europe R152a (DFE or difluoroethane) Consumption Value (2020-2031)

4.4 Asia-Pacific R152a (DFE or difluoroethane) Consumption Value (2020-2031)

4.5 South America R152a (DFE or difluoroethane) Consumption Value (2020-2031)

4.6 Middle East & Africa R152a (DFE or difluoroethane) Consumption Value (2020-2031)

5 MARKET SEGMENT BY PURITY

5.1 Global R152a (DFE or difluoroethane) Sales Quantity by Purity (2020-2031)

5.2 Global R152a (DFE or difluoroethane) Consumption Value by Purity (2020-2031)

5.3 Global R152a (DFE or difluoroethane) Average Price by Purity (2020-2031)

6 MARKET SEGMENT BY APPLICATION

6.1 Global R152a (DFE or difluoroethane) Sales Quantity by Application (2020-2031)

6.2 Global R152a (DFE or difluoroethane) Consumption Value by Application (2020-2031)

6.3 Global R152a (DFE or difluoroethane) Average Price by Application (2020-2031)

7 NORTH AMERICA

7.1 North America R152a (DFE or difluoroethane) Sales Quantity by Purity (2020-2031)

7.2 North America R152a (DFE or difluoroethane) Sales Quantity by Application (2020-2031)

7.3 North America R152a (DFE or difluoroethane) Market Size by Country

7.3.1 North America R152a (DFE or difluoroethane) Sales Quantity by Country (2020-2031)

7.3.2 North America R152a (DFE or difluoroethane) Consumption Value by Country (2020-2031)

7.3.3 United States Market Size and Forecast (2020-2031)

7.3.4 Canada Market Size and Forecast (2020-2031)

7.3.5 Mexico Market Size and Forecast (2020-2031)

8 EUROPE

- 8.1 Europe R152a (DFE or difluoroethane) Sales Quantity by Purity (2020-2031)
- 8.2 Europe R152a (DFE or difluoroethane) Sales Quantity by Application (2020-2031)
- 8.3 Europe R152a (DFE or difluoroethane) Market Size by Country
 - 8.3.1 Europe R152a (DFE or difluoroethane) Sales Quantity by Country (2020-2031)
 - 8.3.2 Europe R152a (DFE or difluoroethane) Consumption Value by Country (2020-2031)
 - 8.3.3 Germany Market Size and Forecast (2020-2031)
 - 8.3.4 France Market Size and Forecast (2020-2031)
 - 8.3.5 United Kingdom Market Size and Forecast (2020-2031)
 - 8.3.6 Russia Market Size and Forecast (2020-2031)
 - 8.3.7 Italy Market Size and Forecast (2020-2031)

9 ASIA-PACIFIC

- 9.1 Asia-Pacific R152a (DFE or difluoroethane) Sales Quantity by Purity (2020-2031)
- 9.2 Asia-Pacific R152a (DFE or difluoroethane) Sales Quantity by Application (2020-2031)
- 9.3 Asia-Pacific R152a (DFE or difluoroethane) Market Size by Region
 - 9.3.1 Asia-Pacific R152a (DFE or difluoroethane) Sales Quantity by Region (2020-2031)
 - 9.3.2 Asia-Pacific R152a (DFE or difluoroethane) Consumption Value by Region (2020-2031)
 - 9.3.3 China Market Size and Forecast (2020-2031)
 - 9.3.4 Japan Market Size and Forecast (2020-2031)
 - 9.3.5 South Korea Market Size and Forecast (2020-2031)
 - 9.3.6 India Market Size and Forecast (2020-2031)
 - 9.3.7 Southeast Asia Market Size and Forecast (2020-2031)
 - 9.3.8 Australia Market Size and Forecast (2020-2031)

10 SOUTH AMERICA

- 10.1 South America R152a (DFE or difluoroethane) Sales Quantity by Purity (2020-2031)
- 10.2 South America R152a (DFE or difluoroethane) Sales Quantity by Application (2020-2031)
- 10.3 South America R152a (DFE or difluoroethane) Market Size by Country

10.3.1 South America R152a (DFE or difluoroethane) Sales Quantity by Country (2020-2031)

10.3.2 South America R152a (DFE or difluoroethane) Consumption Value by Country (2020-2031)

10.3.3 Brazil Market Size and Forecast (2020-2031)

10.3.4 Argentina Market Size and Forecast (2020-2031)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa R152a (DFE or difluoroethane) Sales Quantity by Purity (2020-2031)

11.2 Middle East & Africa R152a (DFE or difluoroethane) Sales Quantity by Application (2020-2031)

11.3 Middle East & Africa R152a (DFE or difluoroethane) Market Size by Country

11.3.1 Middle East & Africa R152a (DFE or difluoroethane) Sales Quantity by Country (2020-2031)

11.3.2 Middle East & Africa R152a (DFE or difluoroethane) Consumption Value by Country (2020-2031)

11.3.3 Turkey Market Size and Forecast (2020-2031)

11.3.4 Egypt Market Size and Forecast (2020-2031)

11.3.5 Saudi Arabia Market Size and Forecast (2020-2031)

11.3.6 South Africa Market Size and Forecast (2020-2031)

12 MARKET DYNAMICS

12.1 R152a (DFE or difluoroethane) Market Drivers

12.2 R152a (DFE or difluoroethane) Market Restraints

12.3 R152a (DFE or difluoroethane) 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 R152a (DFE or difluoroethane) and Key Manufacturers

13.2 Manufacturing Costs Percentage of R152a (DFE or difluoroethane)

13.3 R152a (DFE or difluoroethane) Production Process

13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 R152a (DFE or difluoroethane) Typical Distributors

14.3 R152a (DFE or difluoroethane) 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 R152a (DFE or difluoroethane) Consumption Value by Purity, (USD Million), 2020 & 2024 & 2031

Table 2. Global R152a (DFE or difluoroethane) Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Table 3. Zhejiang Yonghe Basic Information, Manufacturing Base and Competitors

Table 4. Zhejiang Yonghe Major Business

Table 5. Zhejiang Yonghe R152a (DFE or difluoroethane) Product and Services

Table 6. Zhejiang Yonghe R152a (DFE or difluoroethane) Sales Quantity (Kilotons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 7. Zhejiang Yonghe Recent Developments/Updates

Table 8. Zhejiang Juhua Basic Information, Manufacturing Base and Competitors

Table 9. Zhejiang Juhua Major Business

Table 10. Zhejiang Juhua R152a (DFE or difluoroethane) Product and Services

Table 11. Zhejiang Juhua R152a (DFE or difluoroethane) Sales Quantity (Kilotons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. Zhejiang Juhua Recent Developments/Updates

Table 13. Dongyue Group Basic Information, Manufacturing Base and Competitors

Table 14. Dongyue Group Major Business

Table 15. Dongyue Group R152a (DFE or difluoroethane) Product and Services

Table 16. Dongyue Group R152a (DFE or difluoroethane) Sales Quantity (Kilotons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 17. Dongyue Group Recent Developments/Updates

Table 18. Zibo Feiyuan Chemical Basic Information, Manufacturing Base and Competitors

Table 19. Zibo Feiyuan Chemical Major Business

Table 20. Zibo Feiyuan Chemical R152a (DFE or difluoroethane) Product and Services

Table 21. Zibo Feiyuan Chemical R152a (DFE or difluoroethane) Sales Quantity (Kilotons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 22. Zibo Feiyuan Chemical Recent Developments/Updates

Table 23. Linde Gas Basic Information, Manufacturing Base and Competitors

Table 24. Linde Gas Major Business

- Table 25. Linde Gas R152a (DFE or difluoroethane) Product and Services
- Table 26. Linde Gas R152a (DFE or difluoroethane) Sales Quantity (Kilotons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 27. Linde Gas Recent Developments/Updates
- Table 28. Zhejiang Guomao Basic Information, Manufacturing Base and Competitors
- Table 29. Zhejiang Guomao Major Business
- Table 30. Zhejiang Guomao R152a (DFE or difluoroethane) Product and Services
- Table 31. Zhejiang Guomao R152a (DFE or difluoroethane) Sales Quantity (Kilotons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 32. Zhejiang Guomao Recent Developments/Updates
- Table 33. Shandong Yue'an New Material Basic Information, Manufacturing Base and Competitors
- Table 34. Shandong Yue'an New Material Major Business
- Table 35. Shandong Yue'an New Material R152a (DFE or difluoroethane) Product and Services
- Table 36. Shandong Yue'an New Material R152a (DFE or difluoroethane) Sales Quantity (Kilotons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 37. Shandong Yue'an New Material Recent Developments/Updates
- Table 38. Dongyang Weihua Basic Information, Manufacturing Base and Competitors
- Table 39. Dongyang Weihua Major Business
- Table 40. Dongyang Weihua R152a (DFE or difluoroethane) Product and Services
- Table 41. Dongyang Weihua R152a (DFE or difluoroethane) Sales Quantity (Kilotons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 42. Dongyang Weihua Recent Developments/Updates
- Table 43. Hudson Technologies Basic Information, Manufacturing Base and Competitors
- Table 44. Hudson Technologies Major Business
- Table 45. Hudson Technologies R152a (DFE or difluoroethane) Product and Services
- Table 46. Hudson Technologies R152a (DFE or difluoroethane) Sales Quantity (Kilotons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 47. Hudson Technologies Recent Developments/Updates
- Table 48. Shandong Shing Basic Information, Manufacturing Base and Competitors
- Table 49. Shandong Shing Major Business
- Table 50. Shandong Shing R152a (DFE or difluoroethane) Product and Services
- Table 51. Shandong Shing R152a (DFE or difluoroethane) Sales Quantity (Kilotons),

Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 52. Shandong Shing Recent Developments/Updates

Table 53. Global R152a (DFE or difluoroethane) Sales Quantity by Manufacturer (2020-2025) & (Kilotons)

Table 54. Global R152a (DFE or difluoroethane) Revenue by Manufacturer (2020-2025) & (USD Million)

Table 55. Global R152a (DFE or difluoroethane) Average Price by Manufacturer (2020-2025) & (US\$/kg)

Table 56. Market Position of Manufacturers in R152a (DFE or difluoroethane), (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024

Table 57. Head Office and R152a (DFE or difluoroethane) Production Site of Key Manufacturer

Table 58. R152a (DFE or difluoroethane) Market: Company Product Type Footprint

Table 59. R152a (DFE or difluoroethane) Market: Company Product Application Footprint

Table 60. R152a (DFE or difluoroethane) New Market Entrants and Barriers to Market Entry

Table 61. R152a (DFE or difluoroethane) Mergers, Acquisition, Agreements, and Collaborations

Table 62. Global R152a (DFE or difluoroethane) Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR

Table 63. Global R152a (DFE or difluoroethane) Sales Quantity by Region (2020-2025) & (Kilotons)

Table 64. Global R152a (DFE or difluoroethane) Sales Quantity by Region (2026-2031) & (Kilotons)

Table 65. Global R152a (DFE or difluoroethane) Consumption Value by Region (2020-2025) & (USD Million)

Table 66. Global R152a (DFE or difluoroethane) Consumption Value by Region (2026-2031) & (USD Million)

Table 67. Global R152a (DFE or difluoroethane) Average Price by Region (2020-2025) & (US\$/kg)

Table 68. Global R152a (DFE or difluoroethane) Average Price by Region (2026-2031) & (US\$/kg)

Table 69. Global R152a (DFE or difluoroethane) Sales Quantity by Purity (2020-2025) & (Kilotons)

Table 70. Global R152a (DFE or difluoroethane) Sales Quantity by Purity (2026-2031) & (Kilotons)

Table 71. Global R152a (DFE or difluoroethane) Consumption Value by Purity

(2020-2025) & (USD Million)

Table 72. Global R152a (DFE or difluoroethane) Consumption Value by Purity

(2026-2031) & (USD Million)

Table 73. Global R152a (DFE or difluoroethane) Average Price by Purity (2020-2025) & (US\$/kg)

Table 74. Global R152a (DFE or difluoroethane) Average Price by Purity (2026-2031) & (US\$/kg)

Table 75. Global R152a (DFE or difluoroethane) Sales Quantity by Application (2020-2025) & (Kilotons)

Table 76. Global R152a (DFE or difluoroethane) Sales Quantity by Application (2026-2031) & (Kilotons)

Table 77. Global R152a (DFE or difluoroethane) Consumption Value by Application (2020-2025) & (USD Million)

Table 78. Global R152a (DFE or difluoroethane) Consumption Value by Application (2026-2031) & (USD Million)

Table 79. Global R152a (DFE or difluoroethane) Average Price by Application (2020-2025) & (US\$/kg)

Table 80. Global R152a (DFE or difluoroethane) Average Price by Application (2026-2031) & (US\$/kg)

Table 81. North America R152a (DFE or difluoroethane) Sales Quantity by Purity (2020-2025) & (Kilotons)

Table 82. North America R152a (DFE or difluoroethane) Sales Quantity by Purity (2026-2031) & (Kilotons)

Table 83. North America R152a (DFE or difluoroethane) Sales Quantity by Application (2020-2025) & (Kilotons)

Table 84. North America R152a (DFE or difluoroethane) Sales Quantity by Application (2026-2031) & (Kilotons)

Table 85. North America R152a (DFE or difluoroethane) Sales Quantity by Country (2020-2025) & (Kilotons)

Table 86. North America R152a (DFE or difluoroethane) Sales Quantity by Country (2026-2031) & (Kilotons)

Table 87. North America R152a (DFE or difluoroethane) Consumption Value by Country (2020-2025) & (USD Million)

Table 88. North America R152a (DFE or difluoroethane) Consumption Value by Country (2026-2031) & (USD Million)

Table 89. Europe R152a (DFE or difluoroethane) Sales Quantity by Purity (2020-2025) & (Kilotons)

Table 90. Europe R152a (DFE or difluoroethane) Sales Quantity by Purity (2026-2031) & (Kilotons)

Table 91. Europe R152a (DFE or difluoroethane) Sales Quantity by Application (2020-2025) & (Kilotons)

Table 92. Europe R152a (DFE or difluoroethane) Sales Quantity by Application (2026-2031) & (Kilotons)

Table 93. Europe R152a (DFE or difluoroethane) Sales Quantity by Country (2020-2025) & (Kilotons)

Table 94. Europe R152a (DFE or difluoroethane) Sales Quantity by Country (2026-2031) & (Kilotons)

Table 95. Europe R152a (DFE or difluoroethane) Consumption Value by Country (2020-2025) & (USD Million)

Table 96. Europe R152a (DFE or difluoroethane) Consumption Value by Country (2026-2031) & (USD Million)

Table 97. Asia-Pacific R152a (DFE or difluoroethane) Sales Quantity by Purity (2020-2025) & (Kilotons)

Table 98. Asia-Pacific R152a (DFE or difluoroethane) Sales Quantity by Purity (2026-2031) & (Kilotons)

Table 99. Asia-Pacific R152a (DFE or difluoroethane) Sales Quantity by Application (2020-2025) & (Kilotons)

Table 100. Asia-Pacific R152a (DFE or difluoroethane) Sales Quantity by Application (2026-2031) & (Kilotons)

Table 101. Asia-Pacific R152a (DFE or difluoroethane) Sales Quantity by Region (2020-2025) & (Kilotons)

Table 102. Asia-Pacific R152a (DFE or difluoroethane) Sales Quantity by Region (2026-2031) & (Kilotons)

Table 103. Asia-Pacific R152a (DFE or difluoroethane) Consumption Value by Region (2020-2025) & (USD Million)

Table 104. Asia-Pacific R152a (DFE or difluoroethane) Consumption Value by Region (2026-2031) & (USD Million)

Table 105. South America R152a (DFE or difluoroethane) Sales Quantity by Purity (2020-2025) & (Kilotons)

Table 106. South America R152a (DFE or difluoroethane) Sales Quantity by Purity (2026-2031) & (Kilotons)

Table 107. South America R152a (DFE or difluoroethane) Sales Quantity by Application (2020-2025) & (Kilotons)

Table 108. South America R152a (DFE or difluoroethane) Sales Quantity by Application (2026-2031) & (Kilotons)

Table 109. South America R152a (DFE or difluoroethane) Sales Quantity by Country (2020-2025) & (Kilotons)

Table 110. South America R152a (DFE or difluoroethane) Sales Quantity by Country

(2026-2031) & (Kilotons)

Table 111. South America R152a (DFE or difluoroethane) Consumption Value by Country (2020-2025) & (USD Million)

Table 112. South America R152a (DFE or difluoroethane) Consumption Value by Country (2026-2031) & (USD Million)

Table 113. Middle East & Africa R152a (DFE or difluoroethane) Sales Quantity by Purity (2020-2025) & (Kilotons)

Table 114. Middle East & Africa R152a (DFE or difluoroethane) Sales Quantity by Purity (2026-2031) & (Kilotons)

Table 115. Middle East & Africa R152a (DFE or difluoroethane) Sales Quantity by Application (2020-2025) & (Kilotons)

Table 116. Middle East & Africa R152a (DFE or difluoroethane) Sales Quantity by Application (2026-2031) & (Kilotons)

Table 117. Middle East & Africa R152a (DFE or difluoroethane) Sales Quantity by Country (2020-2025) & (Kilotons)

Table 118. Middle East & Africa R152a (DFE or difluoroethane) Sales Quantity by Country (2026-2031) & (Kilotons)

Table 119. Middle East & Africa R152a (DFE or difluoroethane) Consumption Value by Country (2020-2025) & (USD Million)

Table 120. Middle East & Africa R152a (DFE or difluoroethane) Consumption Value by Country (2026-2031) & (USD Million)

Table 121. R152a (DFE or difluoroethane) Raw Material

Table 122. Key Manufacturers of R152a (DFE or difluoroethane) Raw Materials

Table 123. R152a (DFE or difluoroethane) Typical Distributors

Table 124. R152a (DFE or difluoroethane) Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. R152a (DFE or difluoroethane) Picture
- Figure 2. Global R152a (DFE or difluoroethane) Revenue by Purity, (USD Million), 2020 & 2024 & 2031
- Figure 3. Global R152a (DFE or difluoroethane) Revenue Market Share by Purity in 2024
- Figure 4. Purity 99.5% or more Examples
- Figure 5. Purity 99.9% or more Examples
- Figure 6. Global R152a (DFE or difluoroethane) Consumption Value by Application, (USD Million), 2020 & 2024 & 2031
- Figure 7. Global R152a (DFE or difluoroethane) Revenue Market Share by Application in 2024
- Figure 8. Refrigerant Examples
- Figure 9. Foaming Agent Examples
- Figure 10. Aerosol Spray Examples
- Figure 11. Cooling Agent Examples
- Figure 12. Other Examples
- Figure 13. Global R152a (DFE or difluoroethane) Consumption Value, (USD Million): 2020 & 2024 & 2031
- Figure 14. Global R152a (DFE or difluoroethane) Consumption Value and Forecast (2020-2031) & (USD Million)
- Figure 15. Global R152a (DFE or difluoroethane) Sales Quantity (2020-2031) & (Kilotons)
- Figure 16. Global R152a (DFE or difluoroethane) Price (2020-2031) & (US\$/kg)
- Figure 17. Global R152a (DFE or difluoroethane) Sales Quantity Market Share by Manufacturer in 2024
- Figure 18. Global R152a (DFE or difluoroethane) Revenue Market Share by Manufacturer in 2024
- Figure 19. Producer Shipments of R152a (DFE or difluoroethane) by Manufacturer Sales (\$MM) and Market Share (%): 2024
- Figure 20. Top 3 R152a (DFE or difluoroethane) Manufacturer (Revenue) Market Share in 2024
- Figure 21. Top 6 R152a (DFE or difluoroethane) Manufacturer (Revenue) Market Share in 2024
- Figure 22. Global R152a (DFE or difluoroethane) Sales Quantity Market Share by Region (2020-2031)

Figure 23. Global R152a (DFE or difluoroethane) Consumption Value Market Share by Region (2020-2031)

Figure 24. North America R152a (DFE or difluoroethane) Consumption Value (2020-2031) & (USD Million)

Figure 25. Europe R152a (DFE or difluoroethane) Consumption Value (2020-2031) & (USD Million)

Figure 26. Asia-Pacific R152a (DFE or difluoroethane) Consumption Value (2020-2031) & (USD Million)

Figure 27. South America R152a (DFE or difluoroethane) Consumption Value (2020-2031) & (USD Million)

Figure 28. Middle East & Africa R152a (DFE or difluoroethane) Consumption Value (2020-2031) & (USD Million)

Figure 29. Global R152a (DFE or difluoroethane) Sales Quantity Market Share by Purity (2020-2031)

Figure 30. Global R152a (DFE or difluoroethane) Consumption Value Market Share by Purity (2020-2031)

Figure 31. Global R152a (DFE or difluoroethane) Average Price by Purity (2020-2031) & (US\$/kg)

Figure 32. Global R152a (DFE or difluoroethane) Sales Quantity Market Share by Application (2020-2031)

Figure 33. Global R152a (DFE or difluoroethane) Revenue Market Share by Application (2020-2031)

Figure 34. Global R152a (DFE or difluoroethane) Average Price by Application (2020-2031) & (US\$/kg)

Figure 35. North America R152a (DFE or difluoroethane) Sales Quantity Market Share by Purity (2020-2031)

Figure 36. North America R152a (DFE or difluoroethane) Sales Quantity Market Share by Application (2020-2031)

Figure 37. North America R152a (DFE or difluoroethane) Sales Quantity Market Share by Country (2020-2031)

Figure 38. North America R152a (DFE or difluoroethane) Consumption Value Market Share by Country (2020-2031)

Figure 39. United States R152a (DFE or difluoroethane) Consumption Value (2020-2031) & (USD Million)

Figure 40. Canada R152a (DFE or difluoroethane) Consumption Value (2020-2031) & (USD Million)

Figure 41. Mexico R152a (DFE or difluoroethane) Consumption Value (2020-2031) & (USD Million)

Figure 42. Europe R152a (DFE or difluoroethane) Sales Quantity Market Share by

Purity (2020-2031)

Figure 43. Europe R152a (DFE or difluoroethane) Sales Quantity Market Share by Application (2020-2031)

Figure 44. Europe R152a (DFE or difluoroethane) Sales Quantity Market Share by Country (2020-2031)

Figure 45. Europe R152a (DFE or difluoroethane) Consumption Value Market Share by Country (2020-2031)

Figure 46. Germany R152a (DFE or difluoroethane) Consumption Value (2020-2031) & (USD Million)

Figure 47. France R152a (DFE or difluoroethane) Consumption Value (2020-2031) & (USD Million)

Figure 48. United Kingdom R152a (DFE or difluoroethane) Consumption Value (2020-2031) & (USD Million)

Figure 49. Russia R152a (DFE or difluoroethane) Consumption Value (2020-2031) & (USD Million)

Figure 50. Italy R152a (DFE or difluoroethane) Consumption Value (2020-2031) & (USD Million)

Figure 51. Asia-Pacific R152a (DFE or difluoroethane) Sales Quantity Market Share by Purity (2020-2031)

Figure 52. Asia-Pacific R152a (DFE or difluoroethane) Sales Quantity Market Share by Application (2020-2031)

Figure 53. Asia-Pacific R152a (DFE or difluoroethane) Sales Quantity Market Share by Region (2020-2031)

Figure 54. Asia-Pacific R152a (DFE or difluoroethane) Consumption Value Market Share by Region (2020-2031)

Figure 55. China R152a (DFE or difluoroethane) Consumption Value (2020-2031) & (USD Million)

Figure 56. Japan R152a (DFE or difluoroethane) Consumption Value (2020-2031) & (USD Million)

Figure 57. South Korea R152a (DFE or difluoroethane) Consumption Value (2020-2031) & (USD Million)

Figure 58. India R152a (DFE or difluoroethane) Consumption Value (2020-2031) & (USD Million)

Figure 59. Southeast Asia R152a (DFE or difluoroethane) Consumption Value (2020-2031) & (USD Million)

Figure 60. Australia R152a (DFE or difluoroethane) Consumption Value (2020-2031) & (USD Million)

Figure 61. South America R152a (DFE or difluoroethane) Sales Quantity Market Share by Purity (2020-2031)

- Figure 62. South America R152a (DFE or difluoroethane) Sales Quantity Market Share by Application (2020-2031)
- Figure 63. South America R152a (DFE or difluoroethane) Sales Quantity Market Share by Country (2020-2031)
- Figure 64. South America R152a (DFE or difluoroethane) Consumption Value Market Share by Country (2020-2031)
- Figure 65. Brazil R152a (DFE or difluoroethane) Consumption Value (2020-2031) & (USD Million)
- Figure 66. Argentina R152a (DFE or difluoroethane) Consumption Value (2020-2031) & (USD Million)
- Figure 67. Middle East & Africa R152a (DFE or difluoroethane) Sales Quantity Market Share by Purity (2020-2031)
- Figure 68. Middle East & Africa R152a (DFE or difluoroethane) Sales Quantity Market Share by Application (2020-2031)
- Figure 69. Middle East & Africa R152a (DFE or difluoroethane) Sales Quantity Market Share by Country (2020-2031)
- Figure 70. Middle East & Africa R152a (DFE or difluoroethane) Consumption Value Market Share by Country (2020-2031)
- Figure 71. Turkey R152a (DFE or difluoroethane) Consumption Value (2020-2031) & (USD Million)
- Figure 72. Egypt R152a (DFE or difluoroethane) Consumption Value (2020-2031) & (USD Million)
- Figure 73. Saudi Arabia R152a (DFE or difluoroethane) Consumption Value (2020-2031) & (USD Million)
- Figure 74. South Africa R152a (DFE or difluoroethane) Consumption Value (2020-2031) & (USD Million)
- Figure 75. R152a (DFE or difluoroethane) Market Drivers
- Figure 76. R152a (DFE or difluoroethane) Market Restraints
- Figure 77. R152a (DFE or difluoroethane) Market Trends
- Figure 78. Porters Five Forces Analysis
- Figure 79. Manufacturing Cost Structure Analysis of R152a (DFE or difluoroethane) in 2024
- Figure 80. Manufacturing Process Analysis of R152a (DFE or difluoroethane)
- Figure 81. R152a (DFE or difluoroethane) Industrial Chain
- Figure 82. Sales Channel: Direct to End-User vs Distributors
- Figure 83. Direct Channel Pros & Cons
- Figure 84. Indirect Channel Pros & Cons
- Figure 85. Methodology
- Figure 86. Research Process and Data Source

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