

2018 Top 5 R134A Refrigerant Players in North America, Europe, Asia-Pacific, South America, Middle East and Africa

<https://marketpublishers.com/r/23EEF06AEF7EN.html>

Date: July 2018

Pages: 125

Price: US\$ 4,960.00 (Single User License)

ID: 23EEF06AEF7EN

Abstracts

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

R134a is also known as tetrafluoroethane (CF₃CH₂F) from the family of HFC refrigerant. It exists in gas form when exposed to the environment as the boiling temperature is -14.9°F or -26.1°C.

R134a refrigerant is now being used as a replacement for R-12 CFC refrigerant in the area of centrifugal, rotary screw, scroll and reciprocating compressors. It is not 100% compatible with the lubricants and mineral-based refrigerant currently used in R-12. Design changes to the condenser and evaporator need to be done to use this refrigerant. R134a refrigerant is safe for normal handling as it is non-toxic, non-flammable and non-corrosive.

In 2013, Europe published the ban that the new Automotive Air-Conditioning (MAC) cannot use R134a. Since 1 January 2013 the MAC Directive is fully applicable. In 2015, The US Environmental Protection Agency (EPA) is considering declaring refrigerant R134a as being unsuitable for use in chillers. Affected by the policy, global sales of R134a decrease from 203 K MT in 2012 to 200 K MT in 2016, with an average decrease rate of 0.89%. Also, Arkema is planning to shut down its R134a refrigerant plant at Pierre-Benite, France.

Currently, global major manufacturers in this industry are mainly concentrated in China. In 2016, China produced 145 K MT R134a, with a share of 72%. China major suppliers are Juhua Group, Sinochem Taicang Chemical, Bailian, Dongyue Federation and Sanmei etc. Price in China changes a lot during 2012 to 2016. But China's demand growth has been slow, so China has become the world's largest exporter.

On the other hand, with the European restrictions on the use of R134A, and the United States will increase anti-dumping duties on the product from China, the future of China's

export status is very grim.

Over the next five years, LPI(LP Information) projects that R134A Refrigerant will register a -10.9% CAGR in terms of revenue, reach US\$ 100 million by 2023, from US\$ 190 million in 2017.

This report studies the global market, especially in North America, Europe, Asia-Pacific, South America, Middle East and Africa, focuses on the top 5 players in each region, with sales, price, revenue and market share from 2013 to 2018, the top players:

Mexichem Fluor

Chemours

Honeywell

Linde Gas

Arkema

Juhua Group

Sinochem Taicang Chemical

Bailian

Dongyue Federation

Sanmei

Market Segment by Regions, this report splits Global into several key Regions, with sales, revenue, market share of top players in these regions, from 2013 to 2018 (forecast), like

North America (United States, Canada and Mexico)

Asia-Pacific (China, Japan, Southeast Asia, India and Korea)

Europe (Germany, UK, France, Italy and Russia etc.)

South America (Brazil, Chile, Peru and Argentina)

Middle East and Africa (Egypt, South Africa, Saudi Arabia)

Split by Product Types, with sales, revenue, price, market share of each type, can be divided into

Tetrachlorethylene Process

Trichlorethylene Process

Split by applications, this report focuses on sales, market share and growth rate in each application, can be divided into

Automotive Air-Conditioning

Commercial Refrigeration Equipment

Domestic Refrigeration Equipment

Contents

1 R134A REFRIGERANT MARKET OVERVIEW

- 1.1 Product Overview and Scope of R134A Refrigerant
- 1.2 R134A Refrigerant Segment by Types
 - 1.2.1 Global Sales Market Share of R134A Refrigerant by Types in 2017
 - 1.2.2 Tetrachlorethylene Process
 - 1.2.2.1 Major Players of Type I
 - 1.2.3 Trichlorethylene Process
 - 1.2.3.1 Major Players of Trichlorethylene Process
- 1.3 R134A Refrigerant Segment by Applications
 - 1.3.1 R134A Refrigerant Sales Market Share by Applications in 2017
 - 1.3.2 Automotive Air-Conditioning
 - 1.3.3 Commercial Refrigeration Equipment
 - 1.3.4 Domestic Refrigeration Equipment
- 1.4 R134A Refrigerant Market by Regions
 - 1.4.1 North America Status and Prospect (2013-2023)
 - 1.4.1.1 North America R134A Refrigerant Revenue (Million USD) and Growth Rate (2013-2023)
 - 1.4.2 Asia-Pacific Status and Prospect (2013-2023)
 - 1.4.2.1 Asia-Pacific R134A Refrigerant Revenue (Million USD) and Growth Rate (2013-2023)
 - 1.4.3 Europe Status and Prospect (2013-2023)
 - 1.4.3.1 Europe R134A Refrigerant Revenue (Million USD) and Growth Rate (2013-2023)
 - 1.4.4 South America Status and Prospect (2013-2023)
 - 1.4.4.1 South America R134A Refrigerant Revenue (Million USD) and Growth Rate (2013-2023)
 - 1.4.5 Middle East and Africa Status and Prospect (2013-2023)
 - 1.4.5.1 Middle East and Africa R134A Refrigerant Revenue (Million USD) and Growth Rate (2013-2023)
- 1.5 Global Market Size (Value) of R134A Refrigerant (2013-2023)

2 GLOBAL R134A REFRIGERANT SALES, REVENUE (VALUE) AND MARKET SHARE BY PLAYERS

- 2.1 Global R134A Refrigerant Sales and Market Share by Players in 2016 and 2017
 - 2.1.1 Global R134A Refrigerant Sales by Players in 2016 and 2017

- 2.1.2 Global R134A Refrigerant Sales Market Share (%) by Players in 2016 and 2017
- 2.2 Global R134A Refrigerant Revenue and Market Share by Players in 2016 and 2017
 - 2.2.1 Global R134A Refrigerant Revenue by Players in 2016 and 2017
 - 2.2.2 Global R134A Refrigerant Revenue Market Share (%) by Players in 2016 and 2017
- 2.3 Global R134A Refrigerant Average Price by Players in 2016 and 2017
- 2.4 Global R134A Refrigerant Manufacturing Base Distribution, Sales Area, Product Types by Players
 - 2.4.1 Global R134A Refrigerant Manufacturing Base Distribution and Sales Area by Players
 - 2.4.2 Players R134A Refrigerant Product Types
- 2.5 R134A Refrigerant Market Competitive Situation and Trends
 - 2.5.1 R134A Refrigerant Market Concentration Rate
 - 2.5.2 R134A Refrigerant Market Share of Top 3 and Top 5 Players
 - 2.5.3 Mergers & Acquisitions, Expansion

3 GLOBAL R134A REFRIGERANT SALES, REVENUE (VALUE) BY REGIONS, TYPE AND APPLICATION (2013-2018)

- 3.1 Global R134A Refrigerant Sales, Revenue and Market Share by Regions (2013-2018)
 - 3.1.1 Global R134A Refrigerant Sales and Market Share by Regions (2013-2018)
 - 3.1.2 Global R134A Refrigerant Revenue and Market Share by Regions (2013-2018)
- 3.2 Global R134A Refrigerant Sales, Revenue, Market Share and Price by Type (2013-2018)
 - 3.2.1 Global R134A Refrigerant Sales and Market Share by Type (2013-2018)
 - 3.2.2 Global R134A Refrigerant Revenue and Market Share by Type (2013-2018)
 - 3.2.3 Global R134A Refrigerant Price by Type (2013-2018)
- 3.3 Global R134A Refrigerant Sales and Market Share by Application (2013-2018)
 - 3.3.1 Global R134A Refrigerant Sales by Application (2013-2018)
 - 3.3.2 Global R134A Refrigerant Sales Market Share by Application (2013-2018)
- 3.4 Global R134A Refrigerant Sales, Revenue, Price and Gross Margin (2013-2018)

4 NORTH AMERICA TOP 5 PLAYERS R134A REFRIGERANT SALES, REVENUE AND PRICE

- 4.1 North America Top 5 Players R134A Refrigerant Sales, Revenue and Market Share in 2016 and 2017
 - 4.1.1 North America Top 5 Players R134A Refrigerant Sales and Market Share in

2016 and 2017

4.1.2 North America Top 5 Players R134A Refrigerant Revenue and Market Share in 2016 and 2017

4.2 North America R134A Refrigerant Sales, Revenue, Market Share and Price by Type (2013-2018)

4.2.1 North America R134A Refrigerant Sales and Market Share by Type (2013-2018)

4.2.1.1 North America R134A Refrigerant Sales by Type (2013-2018)

4.2.1.2 North America R134A Refrigerant Sales Market Share by Type (2013-2018)

4.2.2 North America R134A Refrigerant Revenue and Market Share by Type (2013-2018)

4.2.2.1 North America R134A Refrigerant Revenue by Type (2013-2018)

4.2.2.2 North America R134A Refrigerant Revenue Market Share by Type (2013-2018)

4.2.3 North America R134A Refrigerant Price by Type (2013-2018)

4.3 North America R134A Refrigerant Sales and Market Share by Application (2013-2018)

4.3.1 North America R134A Refrigerant Sales by Application (2013-2018)

4.3.2 North America R134A Refrigerant Sales Market Share by Application (2013-2018)

4.4 North America R134A Refrigerant Sales and Market Share by Country (US, Canada and Mexico) (2013-2018)

4.4.1 North America R134A Refrigerant Sales by Country (2013-2018)

4.4.2 North America R134A Refrigerant Sales Market Share by Country (2013-2018)

4.5 North America R134A Refrigerant Import & Export (2013-2018)

5 EUROPE TOP 5 PLAYERS R134A REFRIGERANT SALES, REVENUE AND PRICE

5.1 Europe Top 5 Players R134A Refrigerant Sales, Revenue and Market Share in 2016 and 2017

5.1.1 Europe Top 5 Players R134A Refrigerant Sales and Market Share in 2016 and 2017

5.1.2 Europe Top 5 Players R134A Refrigerant Revenue and Market Share in 2016 and 2017

5.2 Europe R134A Refrigerant Sales, Revenue, Market Share and Price by Type (2013-2018)

5.2.1 Europe R134A Refrigerant Sales and Market Share by Type (2013-2018)

5.2.1.1 Europe R134A Refrigerant Sales by Type (2013-2018)

5.2.1.2 Europe R134A Refrigerant Sales Market Share by Type (2013-2018)

5.2.2 Europe R134A Refrigerant Revenue and Market Share by Type (2013-2018)

- 5.2.2.1 Europe R134A Refrigerant Revenue by Type (2013-2018)
- 5.2.2.2 Europe R134A Refrigerant Revenue Market Share by Type (2013-2018)
- 5.2.3 Europe R134A Refrigerant Price by Type (2013-2018)
- 5.3 Europe R134A Refrigerant Sales and Market Share by Application (2013-2018)
 - 5.3.1 Europe R134A Refrigerant Sales by Application (2013-2018)
 - 5.3.2 Europe R134A Refrigerant Sales Market Share by Application (2013-2018)
- 5.4 Europe R134A Refrigerant Sales and Market Share by Country (Germany, UK, France, Italy and Russia) (2013-2018)
 - 5.4.1 Europe R134A Refrigerant Sales by Country (2013-2018)
 - 5.4.2 Europe R134A Refrigerant Sales Market Share by Country (2013-2018)
- 5.5 Europe R134A Refrigerant Import & Export (2013-2018)

6 ASIA-PACIFIC TOP 5 PLAYERS R134A REFRIGERANT SALES, REVENUE AND PRICE

- 6.1 Asia-Pacific Top 5 Players R134A Refrigerant Sales, Revenue and Market Share in 2016 and 2017
 - 6.1.1 Asia-Pacific Top 5 Players R134A Refrigerant Sales and Market Share in 2016 and 2017
 - 6.1.2 Asia-Pacific Top 5 Players R134A Refrigerant Revenue and Market Share in 2016 and 2017
- 6.2 Asia-Pacific R134A Refrigerant Sales, Revenue, Market Share and Price by Type (2013-2018)
 - 6.2.1 Asia-Pacific R134A Refrigerant Sales and Market Share by Type (2013-2018)
 - 6.2.1.1 Asia-Pacific R134A Refrigerant Sales by Type (2013-2018)
 - 6.2.1.2 Asia-Pacific R134A Refrigerant Sales Market Share by Type (2013-2018)
 - 6.2.2 Asia-Pacific R134A Refrigerant Revenue and Market Share by Type (2013-2018)
 - 6.2.3 Asia-Pacific R134A Refrigerant Price by Type (2013-2018)
- 6.3 Asia-Pacific R134A Refrigerant Sales and Market Share by Application (2013-2018)
 - 6.3.1 Asia-Pacific R134A Refrigerant Sales by Application (2013-2018)
 - 6.3.2 Asia-Pacific R134A Refrigerant Sales Market Share by Application (2013-2018)
- 6.4 Asia-Pacific R134A Refrigerant Sales and Market Share by Country (China, Japan, Southeast Asia, India, Korea and Australia) (2013-2018)
 - 6.4.1 Asia-Pacific R134A Refrigerant Sales by Country (2013-2018)
 - 6.4.2 Asia-Pacific R134A Refrigerant Sales Market Share by Country (2013-2018)
- 6.5 Asia-Pacific R134A Refrigerant Import & Export (2013-2018)

7 SOUTH AMERICA TOP 5 PLAYERS R134A REFRIGERANT SALES, REVENUE AND PRICE

7.1 South America Top 5 Players R134A Refrigerant Sales, Revenue and Market Share in 2016 and 2017

7.1.1 South America Top 5 Players R134A Refrigerant Sales and Market Share in 2016 and 2017

7.1.2 South America Top 5 Players R134A Refrigerant Revenue and Market Share in 2016 and 2017

7.2 South America R134A Refrigerant Sales, Revenue, Market Share and Price by Type (2013-2018)

7.2.1 South America R134A Refrigerant Sales and Market Share by Type (2013-2018)

7.2.1.1 South America R134A Refrigerant Sales by Type (2013-2018)

7.2.1.2 South America R134A Refrigerant Sales Market Share by Type (2013-2018)

7.2.2 South America R134A Refrigerant Revenue and Market Share by Type (2013-2018)

7.2.2.1 South America R134A Refrigerant Revenue by Type (2013-2018)

7.2.2.2 South America R134A Refrigerant Revenue and Market Share by Type (2013-2018)

7.2.3 South America R134A Refrigerant Price by Type (2013-2018)

7.3 South America R134A Refrigerant Sales and Market Share by Application (2013-2018)

7.3.1 South America R134A Refrigerant Sales by Application (2013-2018)

7.3.2 South America R134A Refrigerant Sales Market Share by Application (2013-2018)

7.4 South America R134A Refrigerant Sales and Market Share by Country (Brazil, Argentina, Chile and Peru) (2013-2018)

7.4.1 South America R134A Refrigerant Sales by Country (2013-2018)

7.4.2 South America R134A Refrigerant Sales Market Share by Country (2013-2018)

7.5 South America R134A Refrigerant Import & Export (2013-2018)

8 MIDDLE EAST & AFRICA TOP 5 PLAYERS R134A REFRIGERANT SALES, REVENUE AND PRICE

8.1 Middle East & Africa Top 5 Players R134A Refrigerant Sales, Revenue and Market Share in 2016 and 2017

8.1.1 Middle East & Africa Top 5 Players R134A Refrigerant Sales and Market Share in 2016 and 2017

8.1.2 Middle East & Africa Top 5 Players R134A Refrigerant Revenue and Market Share in 2016 and 2017

8.2 Middle East & Africa R134A Refrigerant Sales, Revenue, Market Share and Price by

Type (2013-2018)

8.2.1 Middle East & Africa R134A Refrigerant Sales and Market Share by Type (2013-2018)

8.2.1.1 Middle East & Africa R134A Refrigerant Sales by Type (2013-2018)

8.2.1.2 Middle East & Africa R134A Refrigerant Sales Market Share by Type (2013-2018)

8.2.2 Middle East & Africa R134A Refrigerant Revenue and Market Share by Type (2013-2018)

8.2.2.1 Middle East & Africa R134A Refrigerant Revenue by Type (2013-2018)

8.2.2.2 Middle East & Africa R134A Refrigerant Revenue Market Share by Type (2013-2018)

8.2.3 Middle East & Africa R134A Refrigerant Price by Type (2013-2018)

8.3 Middle East & Africa R134A Refrigerant Sales and Market Share by Application (2013-2018)

8.3.1 Middle East & Africa R134A Refrigerant Sales by Application (2013-2018)

8.3.2 Middle East & Africa R134A Refrigerant Sales Market Share by Application (2013-2018)

8.4 Middle East & Africa R134A Refrigerant Sales and Market Share by Country (Egypt, Saudi Arabia, South Africa and Iran) (2013-2018)

8.4.1 Middle East & Africa R134A Refrigerant Sales by Country (2013-2018)

8.4.2 Middle East & Africa R134A Refrigerant Sales Market Share by Country (2013-2018)

8.5 Middle East & Africa R134A Refrigerant Import & Export (2013-2018)

9 GLOBAL R134A REFRIGERANT PLAYERS PROFILES/ANALYSIS

9.1 Mexichem Fluor

9.1.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

9.1.2 R134A Refrigerant Product Types, Application and Specification

9.1.2.1 Product A

9.1.2.2 Product B

9.1.3 Mexichem Fluor R134A Refrigerant Sales, Revenue, Price and Gross Margin (2013-2018)

9.1.4 Main Business/Business Overview

9.1.5 Mexichem Fluor News

9.2 Chemours

9.2.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

- 9.2.2 R134A Refrigerant Product Types, Application and Specification
 - 9.2.2.1 Product A
 - 9.2.2.2 Product B
- 9.2.3 Chemours R134A Refrigerant Sales, Revenue, Price and Gross Margin (2013-2018)
- 9.2.4 Main Business/Business Overview
- 9.2.5 Chemours News
- 9.3 Honeywell
 - 9.3.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
 - 9.3.2 R134A Refrigerant Product Types, Application and Specification
 - 9.3.2.1 Product A
 - 9.3.2.2 Product B
 - 9.3.3 Honeywell R134A Refrigerant Sales, Revenue, Price and Gross Margin (2013-2018)
 - 9.3.4 Main Business/Business Overview
 - 9.3.5 Honeywell News
- 9.4 Linde Gas
 - 9.4.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
 - 9.4.2 R134A Refrigerant Product Types, Application and Specification
 - 9.4.2.1 Product A
 - 9.4.2.2 Product B
 - 9.4.3 Linde Gas R134A Refrigerant Sales, Revenue, Price and Gross Margin (2013-2018)
 - 9.4.4 Main Business/Business Overview
 - 9.4.5 Linde Gas News
- 9.5 Arkema
 - 9.5.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
 - 9.5.2 R134A Refrigerant Product Types, Application and Specification
 - 9.5.2.1 Product A
 - 9.5.2.2 Product B
 - 9.5.3 Arkema R134A Refrigerant Sales, Revenue, Price and Gross Margin (2013-2018)
 - 9.5.4 Main Business/Business Overview
 - 9.5.5 Arkema News
- 9.6 Juhua Group
 - 9.6.1 Company Basic Information, Manufacturing Base, Sales Area and Its

Competitors

9.6.2 R134A Refrigerant Product Types, Application and Specification

9.6.2.1 Product A

9.6.2.2 Product B

9.6.3 Juhua Group R134A Refrigerant Sales, Revenue, Price and Gross Margin (2013-2018)

9.6.4 Main Business/Business Overview

9.6.5 Juhua Group News

9.7 Sinochem Taicang Chemical

9.7.1 Company Basic Information, Manufacturing Base, Sales Area and Its

Competitors

9.7.2 R134A Refrigerant Product Types, Application and Specification

9.7.2.1 Product A

9.7.2.2 Product B

9.7.3 Sinochem Taicang Chemical R134A Refrigerant Sales, Revenue, Price and Gross Margin (2013-2018)

9.7.4 Main Business/Business Overview

9.7.5 Sinochem Taicang Chemical News

9.8 Baillian

9.8.1 Company Basic Information, Manufacturing Base, Sales Area and Its

Competitors

9.8.2 R134A Refrigerant Product Types, Application and Specification

9.8.2.1 Product A

9.8.2.2 Product B

9.8.3 Baillian R134A Refrigerant Sales, Revenue, Price and Gross Margin (2013-2018)

9.8.4 Main Business/Business Overview

9.8.5 Baillian News

9.9 Dongyue Federation

9.9.1 Company Basic Information, Manufacturing Base, Sales Area and Its

Competitors

9.9.2 R134A Refrigerant Product Types, Application and Specification

9.9.2.1 Product A

9.9.2.2 Product B

9.9.3 Dongyue Federation R134A Refrigerant Sales, Revenue, Price and Gross Margin (2013-2018)

9.9.4 Main Business/Business Overview

9.9.5 Dongyue Federation News

9.10 Sanmei

9.10.1 Company Basic Information, Manufacturing Base, Sales Area and Its

Competitors

9.10.2 R134A Refrigerant Product Types, Application and Specification

9.10.2.1 Product A

9.10.2.2 Product B

9.10.3 Sanmei R134A Refrigerant Sales, Revenue, Price and Gross Margin (2013-2018)

9.10.4 Main Business/Business Overview

9.10.5 Sanmei News

10 GLOBAL R134A REFRIGERANT MARKET FORECAST (2018-2023)

10.1 Global R134A Refrigerant Sales, Revenue Forecast (2018-2023)

10.2 Global R134A Refrigerant Sales, Consumption Forecast by Regions (2018-2023)

10.2.1 Global R134A Refrigerant Sales Forecast by Regions (2018-2023)

10.2.2 Global R134A Refrigerant Sales Market Share Forecast by Regions (2018-2023)

10.3 Global R134A Refrigerant Sales and Market Share Forecast by Type (2018-2023)

10.3.1 Global R134A Refrigerant Sales Forecast by Type (2018-2023)

10.3.2 Global R134A Refrigerant Sales Market Share Forecast by Type (2018-2023)

10.4 Global R134A Refrigerant Sales and Market Share Forecast by Application (2018-2023)

10.4.1 Global R134A Refrigerant Sales Forecast by Application (2018-2023)

10.4.2 Global R134A Refrigerant Sales Market Share Forecast by Application (2018-2023)

10.5 R134A Refrigerant Price Forecast (2018-2023)

11 R134A REFRIGERANT MANUFACTURING COST ANALYSIS

11.1 R134A Refrigerant Key Raw Materials Analysis

11.1.1 Key Raw Materials

11.1.2 Price Trend of Key Raw Materials

11.1.3 Key Suppliers of Raw Materials

11.1.4 Market Concentration Rate of Raw Materials

11.2 Proportion of Manufacturing Cost Structure

11.2.1 Raw Materials

11.2.2 Labor Cost

11.2.3 Manufacturing Expenses

11.3 Manufacturing Process Analysis of R134A Refrigerant

12 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS

- 12.1 R134A Refrigerant Industrial Chain Analysis
- 12.2 Upstream Raw Materials Sourcing
- 12.3 Raw Materials Sources of R134A Refrigerant Major Players in 2017
- 12.4 Downstream Buyers

13 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS

- 13.1 Marketing Channel
 - 13.1.1 Direct Marketing
 - 13.1.2 Indirect Marketing
 - 13.1.3 Marketing Channel Development Trend
- 13.2 Market Positioning
 - 13.2.1 Pricing Strategy
 - 13.2.2 Brand Strategy
 - 13.2.3 Target Client
- 13.3 Distributors/Traders List

14 MARKET EFFECT FACTORS ANALYSIS

- 14.1 Technology Progress/Risk
 - 14.1.1 Substitutes Threat
 - 14.1.2 Technology Progress in Related Industry
- 14.2 Consumer Needs/Customer Preference Change
- 14.3 Economic/Political Environmental Change

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

- 16.1 Methodology
- 16.2 Data Source

List Of Tables

LIST OF TABLES AND FIGURES

Figure Picture of R134A Refrigerant

Table Product Specifications of R134A Refrigerant

Figure Global Sales Market Share of R134A Refrigerant by Types in 2017

Figure Product Picture of Tetrachlorethylene Process

Table Major Players of Tetrachlorethylene Process

Figure Product Picture of Trichlorethylene Process

Table Major Players of Trichlorethylene Process

Figure R134A Refrigerant Sales Market Share by Applications in 2017

Table Applications of R134A Refrigerant

Figure Commercial Refrigeration Equipment Examples

Figure Domestic Refrigeration Equipment Examples

Figure North America R134A Refrigerant Revenue (Million USD) and Growth Rate (2013-2023)

Figure Asia-Pacific R134A Refrigerant Revenue (Million USD) and Growth Rate (2013-2023)

Figure Europe R134A Refrigerant Revenue (Million USD) and Growth Rate (2013-2023)

Figure South America R134A Refrigerant Revenue (Million USD) and Growth Rate (2013-2023)

Figure Middle East and Africa R134A Refrigerant Revenue (Million USD) and Growth Rate (2013-2023)

Figure Global R134A Refrigerant Revenue (Million USD) and Growth Rate (2013-2023)

Table Global R134A Refrigerant Sales by Players in 2016 and 2017

Table Global R134A Refrigerant Sales Market Share (%) by Players in 2016 and 2017

Figure Global R134A Refrigerant Sales Market Share by Players in 2016

Figure Global R134A Refrigerant Sales Market Share by Players in 2017

Table Global R134A Refrigerant Revenue by Players in 2016 and 2017

Table Global R134A Refrigerant Revenue Market Share (%) by Players in 2016 and 2017

Figure Global R134A Refrigerant Revenue Market Share by Players in 2016

Figure Global R134A Refrigerant Revenue Market Share by Players in 2017

Table Global R134A Refrigerant Average Price by Players in 2016 and 2017

Figure Global R134A Refrigerant Average Price by Players in 2017

Table Global R134A Refrigerant Manufacturing Base Distribution and Sales Area by Players

Table Players R134A Refrigerant Product Types

Figure R134A Refrigerant Market Share of Top 3 Players

Figure R134A Refrigerant Market Share of Top 5 Players

Table Global R134A Refrigerant Sales by Regions (2013-2018)

Table Global R134A Refrigerant Sales Market Share by Regions (2013-2018)

Figure Global R134A Refrigerant Sales Market Share by Regions (2013-2018)

Figure Global R134A Refrigerant Sales Market Share by Regions in 2017

Table Global R134A Refrigerant Revenue by Regions (2013-2018)

Table Global R134A Refrigerant Revenue Market Share by Regions (2013-2018)

Figure Global R134A Refrigerant Revenue Market Share by Regions (2013-2018)

Figure Global R134A Refrigerant Revenue Market Share by Regions in 2017

Table Global R134A Refrigerant Sales by Type (2013-2018)

Table Global R134A Refrigerant Sales Market Share by Type (2013-2018)

Figure Global R134A Refrigerant Sales Market Share by Type (2013-2018)

Figure Global R134A Refrigerant Sales Market Share by Type in 2017

Table Global R134A Refrigerant Revenue by Type (2013-2018)

Table Global R134A Refrigerant Revenue Market Share by Type (2013-2018)

Figure Global R134A Refrigerant Revenue Market Share by Type (2013-2018)

Figure Global R134A Refrigerant Revenue Market Share by Type in 2017

Table Global R134A Refrigerant Price by Type (2013-2018)

Table Global R134A Refrigerant Sales by Application (2013-2018)

Figure Global R134A Refrigerant Sales Market Share by Application in 2017

Table Global R134A Refrigerant Sales Market Share by Application (2013-2018)

Figure Global R134A Refrigerant Sales Market Share by Application (2013-2018)

Table Global R134A Refrigerant Sales, Revenue, Price and Gross Margin (2013-2018)

Table North America Top 5 Players R134A Refrigerant Sales in 2016 and 2017

Table North America Top 5 Players R134A Refrigerant Sales Market Share (%) in 2016 and 2017

Figure North America Top 5 Players R134A Refrigerant Sales Share in 2016

Figure North America Top 5 Players R134A Refrigerant Sales Share in 2017

Table North America Top 5 Players R134A Refrigerant Revenue in 2016 and 2017

Table North America Top 5 Players R134A Refrigerant Revenue Market Share (%) in 2016 and 2017

Figure North America Top 5 Players R134A Refrigerant Revenue Share in 2016

Figure North America Top 5 Players R134A Refrigerant Revenue Share in 2017

Table North America R134A Refrigerant Sales by Type (2013-2018)

Figure 2017 North America R134A Refrigerant Sales Market Share by Type

Table North America R134A Refrigerant Sales Market Share by Type (2013-2018)

Figure North America R134A Refrigerant Sales Market Share by Type (2013-2018)

Table North America R134A Refrigerant Revenue by Type (2013-2018)

Figure North America R134A Refrigerant Revenue Market Share by Type in 2017
Table North America R134A Refrigerant Revenue Market Share by Type (2013-2018)
Figure North America R134A Refrigerant Revenue Market Share by Type (2013-2018)
Table North America R134A Refrigerant Price by Type (2013-2018)
Table North America R134A Refrigerant Sales by Application (2013-2018)
Figure North America R134A Refrigerant Sales by Application in 2017
Table North America R134A Refrigerant Sales Market Share by Application (2013-2018)
Figure North America R134A Refrigerant Sales Market Share by Application (2013-2018)
Table North America R134A Refrigerant Sales by Country (2013-2018)
Figure 2017 North America R134A Refrigerant Sales Market Share by Country
Table North America R134A Refrigerant Sales Market Share by Country (2013-2018)
Figure North America R134A Refrigerant Sales Market Share by Country (2013-2018)
Table North America R134A Refrigerant Import & Export (2013-2018)
Table Europe Top 5 Players R134A Refrigerant Sales in 2016 and 2017
Table Europe Top 5 Players R134A Refrigerant Sales Market Share (%) in 2016 and 2017
Figure Europe Top 5 Players R134A Refrigerant Sales Share in 2016
Figure Europe Top 5 Players R134A Refrigerant Sales Share in 2017
Table Europe Top 5 Players R134A Refrigerant Revenue in 2016 and 2017
Table Europe Top 5 Players R134A Refrigerant Revenue Market Share (%) in 2016 and 2017
Figure Europe Top 5 Players R134A Refrigerant Revenue Share in 2016
Figure Europe Top 5 Players R134A Refrigerant Revenue Share in 2017
Table Europe R134A Refrigerant Sales by Type (2013-2018)
Figure 2017 Europe R134A Refrigerant Sales Market Share by Type
Table Europe R134A Refrigerant Sales Market Share by Type (2013-2018)
Figure Europe R134A Refrigerant Sales Market Share by Type (2013-2018)
Table Europe R134A Refrigerant Revenue by Type (2013-2018)
Figure Europe R134A Refrigerant Revenue Market Share by Type in 2017
Table Europe R134A Refrigerant Revenue Market Share by Type (2013-2018)
Figure Europe R134A Refrigerant Revenue Market Share by Type (2013-2018)
Table Europe R134A Refrigerant Price by Type (2013-2018)
Table Europe R134A Refrigerant Sales by Application (2013-2018)
Figure Europe R134A Refrigerant Sales Market Share by Application in 2017
Table Europe R134A Refrigerant Sales Market Share by Application (2013-2018)
Figure Europe R134A Refrigerant Sales Market Share by Application (2013-2018)
Table Europe R134A Refrigerant Sales by Country (2013-2018)

Figure Europe R134A Refrigerant Sales Market Share by Country in 2017
Table Europe R134A Refrigerant Sales Market Share by Country (2013-2018)
Figure Europe R134A Refrigerant Sales Market Share by Country (2013-2018)
Table Europe R134A Refrigerant Import & Export (2013-2018)
Table Asia-Pacific Top 5 Players R134A Refrigerant Sales in 2016 and 2017
Table Asia-Pacific Top 5 Players R134A Refrigerant Sales Market Share (%) in 2016 and 2017
Figure Asia-Pacific Top 5 Players R134A Refrigerant Sales Share in 2016
Figure Asia-Pacific Top 5 Players R134A Refrigerant Sales Share in 2017
Table Asia-Pacific Top 5 Players R134A Refrigerant Revenue in 2016 and 2017
Table Asia-Pacific Top 5 Players R134A Refrigerant Revenue Market Share (%) in 2016 and 2017
Figure Asia-Pacific Top 5 Players R134A Refrigerant Revenue Share in 2016
Figure Asia-Pacific Top 5 Players R134A Refrigerant Revenue Share in 2017
Table Asia-Pacific R134A Refrigerant Sales by Type (2013-2018)
Figure Asia-Pacific R134A Refrigerant Sales Market Share by Type in 2017
Table Asia-Pacific R134A Refrigerant Sales Market Share by Type (2013-2018)
Figure Asia-Pacific R134A Refrigerant Sales Market Share by Type (2013-2018)
Table Asia-Pacific R134A Refrigerant Revenue by Type (2013-2018)
Table Asia-Pacific R134A Refrigerant Revenue Market Share by Type (2013-2018)
Figure Asia-Pacific R134A Refrigerant Revenue Market Share by Type (2013-2018)
Figure Asia-Pacific R134A Refrigerant Revenue Market Share by Type in 2017
Table Asia-Pacific R134A Refrigerant Price by Type (2013-2018)
Table Asia-Pacific R134A Refrigerant Sales by Application (2013-2018)
Figure Asia-Pacific R134A Refrigerant Sales by Application in 2017
Table Asia-Pacific R134A Refrigerant Sales Market Share by Application (2013-2018)
Figure Asia-Pacific R134A Refrigerant Sales Market Share by Application (2013-2018)
Table Asia-Pacific R134A Refrigerant Sales by Country (2013-2018)
Figure Asia-Pacific R134A Refrigerant Sales Market Share by Country in 2017
Table Asia-Pacific R134A Refrigerant Sales Market Share by Country (2013-2018)
Figure Asia-Pacific R134A Refrigerant Sales Market Share by Country (2013-2018)
Table Asia-Pacific R134A Refrigerant Import & Export (2013-2018)
Table South America Top 5 Players R134A Refrigerant Sales in 2016 and 2017
Table South America Top 5 Players R134A Refrigerant Sales Market Share (%) in 2016 and 2017
Figure South America Top 5 Players R134A Refrigerant Sales Share in 2016
Figure South America Top 5 Players R134A Refrigerant Sales Share in 2017
Table South America Top 5 Players R134A Refrigerant Revenue in 2016 and 2017
Table South America Top 5 Players R134A Refrigerant Revenue Market Share (%) in

2016 and 2017

Figure South America Top 5 Players R134A Refrigerant Revenue Share in 2016

Figure South America Top 5 Players R134A Refrigerant Revenue Share in 2017

Table South America R134A Refrigerant Sales by Type (2013-2018)

Figure South America R134A Refrigerant Sales by Type in 2017

Table South America R134A Refrigerant Sales Market Share by Type (2013-2018)

Figure South America R134A Refrigerant Sales Market Share by Type (2013-2018)

Table South America R134A Refrigerant Revenue by Type (2013-2018)

Figure South America R134A Refrigerant Revenue by Type in 2017

Table South America R134A Refrigerant Revenue Market Share by Type (2013-2018)

Figure South America R134A Refrigerant Revenue Market Share by Type (2013-2018)

Table South America R134A Refrigerant Price by Type (2013-2018)

Table South America R134A Refrigerant Sales by Application (2013-2018)

Figure South America R134A Refrigerant Sales by Application in 2017

Table South America R134A Refrigerant Sales Market Share by Application
(2013-2018)

Figure South America R134A Refrigerant Sales Market Share by Application
(2013-2018)

Table South America R134A Refrigerant Sales by Country (2013-2018)

Figure South America R134A Refrigerant Sales by Country in 2017

Table South America R134A Refrigerant Sales Market Share by Country (2013-2018)

Figure South America R134A Refrigerant Sales Market Share by Country (2013-2018)

Table South America R134A Refrigerant Import & Export (2013-2018)

Table Middle East & Africa Top 5 Players R134A Refrigerant Sales in 2016 and 2017

Table Middle East & Africa Top 5 Players R134A Refrigerant Sales Market Share (%) in
2016 and 2017

Figure Middle East & Africa Top 5 Players R134A Refrigerant Sales Share in 2016

Figure Middle East & Africa Top 5 Players R134A Refrigerant Sales Share in 2017

Table Middle East & Africa Top 5 Players R134A Refrigerant Revenue in 2016 and
2017

Table Middle East & Africa Top 5 Players R134A Refrigerant Revenue Market Share
(%) in 2016 and 2017

Figure Middle East & Africa Top 5 Players R134A Refrigerant Revenue Share in 2016

Figure Middle East & Africa Top 5 Players R134A Refrigerant Revenue Share in 2017

Table Middle East & Africa R134A Refrigerant Sales by Type (2013-2018)

Figure Middle East & Africa R134A Refrigerant Sales by Type in 2017

Table Middle East & Africa R134A Refrigerant Sales Market Share by Type (2013-2018)

Figure Middle East & Africa R134A Refrigerant Sales Market Share by Type
(2013-2018)

Table Middle East & Africa R134A Refrigerant Revenue by Type (2013-2018)
Figure Middle East & Africa R134A Refrigerant Revenue by Type in 2017
Table Middle East & Africa R134A Refrigerant Revenue Market Share by Type (2013-2018)
Figure Middle East & Africa R134A Refrigerant Revenue Market Share by Type (2013-2018)
Table Middle East & Africa R134A Refrigerant Price by Type (2013-2018)
Table Middle East & Africa R134A Refrigerant Sales by Application (2013-2018)
Figure Middle East & Africa R134A Refrigerant Sales by Application in 2017
Table Middle East & Africa R134A Refrigerant Sales Market Share by Application (2013-2018)
Figure Middle East & Africa R134A Refrigerant Sales Market Share by Application (2013-2018)
Table Middle East & Africa R134A Refrigerant Sales by Country (2013-2018)
Figure Middle East & Africa R134A Refrigerant Sales by Country in 2017
Table Middle East & Africa R134A Refrigerant Sales Market Share by Country (2013-2018)
Figure Middle East & Africa R134A Refrigerant Sales Market Share by Country (2013-2018)
Table Middle East & Africa R134A Refrigerant Import & Export (2013-2018)
Table Mexichem Fluor Basic Information, Manufacturing Base, Sales Area and Its Competitors
Table Mexichem Fluor R134A Refrigerant Sales, Revenue, Price and Gross Margin (2013-2018)
Figure Mexichem Fluor R134A Refrigerant Market Share (2013-2018)
Table Chemours Basic Information, Manufacturing Base, Sales Area and Its Competitors
Table Chemours R134A Refrigerant Sales, Revenue, Price and Gross Margin (2013-2018)
Figure Chemours R134A Refrigerant Market Share (2013-2018)
Table Honeywell Basic Information, Manufacturing Base, Sales Area and Its Competitors
Table Honeywell R134A Refrigerant Sales, Revenue, Price and Gross Margin (2013-2018)
Figure Honeywell R134A Refrigerant Market Share (2013-2018)
Table Linde Gas Basic Information, Manufacturing Base, Sales Area and Its Competitors
Table Linde Gas R134A Refrigerant Sales, Revenue, Price and Gross Margin (2013-2018)

Figure Linde Gas R134A Refrigerant Market Share (2013-2018)
Table Arkema Basic Information, Manufacturing Base, Sales Area and Its Competitors
Table Arkema R134A Refrigerant Sales, Revenue, Price and Gross Margin (2013-2018)
Figure Arkema R134A Refrigerant Market Share (2013-2018)
Table Juhua Group Basic Information, Manufacturing Base, Sales Area and Its Competitors
Table Juhua Group R134A Refrigerant Sales, Revenue, Price and Gross Margin (2013-2018)
Figure Juhua Group R134A Refrigerant Market Share (2013-2018)
Table Sinochem Taicang Chemical Basic Information, Manufacturing Base, Sales Area and Its Competitors
Table Sinochem Taicang Chemical R134A Refrigerant Sales, Revenue, Price and Gross Margin (2013-2018)
Figure Sinochem Taicang Chemical R134A Refrigerant Market Share (2013-2018)
Table Dongyue Federation Basic Information, Manufacturing Base, Sales Area and Its Competitors
Table Bailian R134A Refrigerant Sales, Revenue, Price and Gross Margin (2013-2018)
Figure Bailian R134A Refrigerant Market Share (2013-2018)
Table Dongyue Federation Basic Information, Manufacturing Base, Sales Area and Its Competitors
Table Dongyue Federation R134A Refrigerant Sales, Revenue, Price and Gross Margin (2013-2018)
Figure Dongyue Federation R134A Refrigerant Market Share (2013-2018)
Table Sanmei Basic Information, Manufacturing Base, Sales Area and Its Competitors
Table Sanmei R134A Refrigerant Sales, Revenue, Price and Gross Margin (2013-2018)
Figure Sanmei R134A Refrigerant Market Share (2013-2018)
Figure Global R134A Refrigerant Sales and Growth Rate Forecast (2018-2023)
Figure Global R134A Refrigerant Revenue and Growth Rate Forecast (2018-2023)
Table Global R134A Refrigerant Sales Forecast by Regions (2018-2023)
Table Global R134A Refrigerant Sales Market Share Forecast by Regions (2018-2023)
Table Global R134A Refrigerant Sales Forecast by Type (2018-2023)
Table Global R134A Refrigerant Sales Market Share Forecast by Type (2018-2023)
Table Global R134A Refrigerant Sales Forecast by Application (2018-2023)
Table Global R134A Refrigerant Sales Market Share Forecast by Application (2018-2023)
Table Sales Base and Market Concentration Rate of Raw Material
Figure Price Trend of Key Raw Materials
Table Key Suppliers of Raw Materials
Figure Manufacturing Cost Structure of R134A Refrigerant

Figure Manufacturing Process Analysis of R134A Refrigerant

Figure R134A Refrigerant Industrial Chain Analysis

Table Raw Materials Sources of R134A Refrigerant Major Players in 2017

Table Major Buyers of R134A Refrigerant

Table Distributors/Traders List

I would like to order

Product name: 2018 Top 5 R134A Refrigerant Players in North America, Europe, Asia-Pacific, South America, Middle East and Africa

Product link: <https://marketpublishers.com/r/23EEF06AEF7EN.html>

Price: US\$ 4,960.00 (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/23EEF06AEF7EN.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

