

# Global R134A Refrigerant Market Insights, Forecast to 2026

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## Abstracts

R134a is also known as tetrafluoroethane (CF<sub>3</sub>CH<sub>2</sub>F) 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-Bénite, France.

Since the COVID-19 virus outbreak in December 2019, the disease has spread to almost 100 countries around the globe with the World Health Organization declaring it a public health emergency. The global impacts of the coronavirus disease 2019 (COVID-19) are already starting to be felt, and will significantly affect the R134A Refrigerant 3900 market in 2020.

COVID-19 can affect the global economy in three main ways: by directly affecting production and demand, by creating supply chain and market disruption, and by its financial impact on firms and financial markets.

The outbreak of COVID-19 has brought effects on many aspects, like flight cancellations; travel bans and quarantines; restaurants closed; all indoor events

restricted; over forty countries state of emergency declared; massive slowing of the supply chain; stock market volatility; falling business confidence, growing panic among the population, and uncertainty about future.

This report also analyses the impact of Coronavirus COVID-19 on the R134A Refrigerant 3900 industry.

Based on our recent survey, we have several different scenarios about the R134A Refrigerant 3900 YoY growth rate for 2020. The probable scenario is expected to grow by a xx% in 2020 and the revenue will be xx in 2020 from US\$ 164.2 million in 2019. The market size of R134A Refrigerant 3900 will reach xx in 2026, with a CAGR of xx% from 2020 to 2026.

With industry-standard accuracy in analysis and high data integrity, the report makes a brilliant attempt to unveil key opportunities available in the global R134A Refrigerant market to help players in achieving a strong market position. Buyers of the report can access verified and reliable market forecasts, including those for the overall size of the global R134A Refrigerant market in terms of both revenue and volume.

Players, stakeholders, and other participants in the global R134A Refrigerant market will be able to gain the upper hand as they use the report as a powerful resource. For this version of the report, the segmental analysis focuses on sales (volume), revenue and forecast by each application segment in terms of sales and revenue and forecast by each type segment in terms of revenue for the period 2015-2026.

#### Sales and Pricing Analyses

Readers are provided with deeper sales analysis and pricing analysis for the global R134A Refrigerant market. As part of sales analysis, the report offers accurate statistics and figures for sales and revenue by region, by each type segment for the period 2015-2026.

In the pricing analysis section of the report, readers are provided with validated statistics and figures for the price by players and price by region for the period 2015-2020 and price by each type segment for the period 2015-2020.

#### Regional and Country-level Analysis

The report offers an exhaustive geographical analysis of the global R134A Refrigerant market, covering important regions, viz, North America, Europe, China and Japan. It also covers key countries (regions), viz, U.S., Canada, Germany, France, U.K., Italy, Russia, China, Japan, South Korea, India, Australia, Taiwan, Indonesia, Thailand, Malaysia, Philippines, Vietnam, Mexico, Brazil, Turkey, Saudi Arabia, UAE, etc.

The report includes country-wise and region-wise market size for the period 2015-2026. It also includes market size and forecast by each application segment in terms of sales for the period 2015-2026.

## Competition Analysis

In the competitive analysis section of the report, leading as well as prominent players of the global R134A Refrigerant market are broadly studied on the basis of key factors.

The report offers comprehensive analysis and accurate statistics on sales by the player for the period 2015-2020. It also offers detailed analysis supported by reliable statistics on price and revenue (global level) by player for the period 2015-2020.

On the whole, the report proves to be an effective tool that players can use to gain a competitive edge over their competitors and ensure lasting success in the global R134A Refrigerant market. All of the findings, data, and information provided in the report are validated and revalidated with the help of trustworthy sources. The analysts who have authored the report took a unique and industry-best research and analysis approach for an in-depth study of the global R134A Refrigerant market.

The following manufacturers are covered in this report:

Mexichem Fluor

Chemours

Honeywell

Linde Gas

Arkema

Juhua Group

Sinochem Taicang Chemical

Bailian

Dongyue Federation

Sanmei

## R134A Refrigerant Breakdown Data by Type

Tetrachlorethylene Process

Trichlorethylene Process

R134A Refrigerant Breakdown Data by Application

Automotive Air-Conditioning

Commercial Refrigeration Equipment

Domestic Refrigeration Equipment

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