

Global R134A Refrigerant Market Research Report 2022 Professional Edition

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Abstracts

The global R134A Refrigerant market was valued at 158.65 Million USD in 2021 and will grow with a CAGR of 8.02% from 2021 to 2027, based on HNY Research newly published report.

The prime objective of this report is to provide the insights on the post COVID-19 impact which will help market players in this field evaluate their business approaches. Also, this report covers market segmentation by major market vendors, types, applications/end users and geography (North America, East Asia, Europe, South Asia, Southeast Asia, Middle East, Africa, Oceania, South America).

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 decreases 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.

By Market Vendors:

Company A

Company B

?

By Types:

Tetrachlorethylene Process

Trichlorethylene Process

By Applications:

Automotive Air-Conditioning

Commercial Refrigeration Equipment

Domestic Refrigeration Equipment

Key Indicators Analysed

Market Players & Competitor Analysis: The report covers the key players of the industry including Company Profile, Product Specifications, Production Capacity/Sales, Revenue, Price and Gross Margin 2016-2027 & Sales with a thorough analysis of the market's competitive landscape and detailed information on vendors and comprehensive details of factors that will challenge the growth of major market vendors.

Global and Regional Market Analysis: The report includes Global & Regional market status and outlook 2016-2027. Further the report provides break down details about each region & countries covered in the report. Identifying its sales, sales volume & revenue forecast. With detailed analysis by types and applications.

Market Trends: Market key trends which include Increased Competition and Continuous Innovations.

Opportunities and Drivers: Identifying the Growing Demands and New Technology

Porters Five Force Analysis: The report provides with the state of competition in industry depending on five basic forces: threat of new entrants, bargaining power of suppliers, bargaining power of buyers, threat of substitute products or services, and existing industry rivalry.

Key Reasons to Purchase

To gain insightful analyses of the market and have comprehensive understanding of the global market and its commercial landscape.

Assess the production processes, major issues, and solutions to mitigate the development risk.

To understand the most affecting driving and restraining forces in the market and its impact in the global market.

Learn about the market strategies that are being adopted by leading respective organizations.

To understand the future outlook and prospects for the market.

Besides the standard structure reports, we also provide custom research according to specific requirements

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