

Global PFAS-free Natural Refrigerants Market Growth 2025-2031

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Abstracts

The global PFAS-free Natural Refrigerants market size is predicted to grow from US\$ 387 million in 2025 to US\$ 451 million in 2031; it is expected to grow at a CAGR of 2.6% from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

PFAS-free natural refrigerants refer to substances that naturally occur in the environment or are derived from natural sources, are used for heat transfer in refrigeration and air-conditioning systems, and do not contain any fluorinated compounds such as PFAS. They are considered sustainable due to their low global warming potential (GWP) and zero ozone depletion potential (ODP). Due to its environmental protection, low toxicity and sustainability, PFAS-free refrigerants are gradually replacing traditional PFAS-containing refrigerants. The PFAS-free natural refrigerants in this report mainly include hydrocarbon refrigerant (such as R-290, R-1270, R-600a, R600, R601a, and R601), and ammonia refrigerant (R717), CO2 refrigerant (R744).

United States market for PFAS-free Natural Refrigerants is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

China market for PFAS-free Natural Refrigerants is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Europe market for PFAS-free Natural Refrigerants is estimated to increase from US\$

million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key PFAS-free Natural Refrigerants players cover Linde, ICOOL Ningbo, A-Gas, Puyang Zhongwei FINE Chemical, GTS, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2024.

LP Information, Inc. (LPI) ' newest research report, the "PFAS-free Natural Refrigerants Industry Forecast" looks at past sales and reviews total world PFAS-free Natural Refrigerants sales in 2024, providing a comprehensive analysis by region and market sector of projected PFAS-free Natural Refrigerants sales for 2025 through 2031. With PFAS-free Natural Refrigerants sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world PFAS-free Natural Refrigerants industry.

This Insight Report provides a comprehensive analysis of the global PFAS-free Natural Refrigerants 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 PFAS-free Natural Refrigerants portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global PFAS-free Natural Refrigerants market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for PFAS-free Natural Refrigerants 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 PFAS-free Natural Refrigerants.

This report presents a comprehensive overview, market shares, and growth opportunities of PFAS-free Natural Refrigerants market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Hydrocarbon Refrigerant

Ammonia Refrigerant

CO2 Refrigerant

Segmentation by Application:

Refrigerator & Freezer

Air Conditioner

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

Linde

ICOOL Ningbo

A-Gas

Puyang Zhongwei FINE Chemical

GTS

Tazzetti

Zhejiang Juhua

Sinochem Lantian

Shandong Yue'an New Material

Aeropres

Hudson Technologies

National Refrigerants

Key Questions Addressed in this Report

What is the 10-year outlook for the global PFAS-free Natural Refrigerants market?

What factors are driving PFAS-free Natural Refrigerants market growth, globally and by region?

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

How do PFAS-free Natural Refrigerants market opportunities vary by end market size?

How does PFAS-free Natural Refrigerants break out by Type, by Application?

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