

Global Automotive Chiller Supply, Demand and Key Producers, 2023-2029

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Abstracts

The chiller is a key component of the battery thermal management of pure electric or hybrid vehicles. Its function is to introduce the refrigerant in the air conditioning system, evaporate after the expansion valve throttles, and absorb the heat of the coolant in the battery cooling circuit. During this process, the refrigerant passes through the heat exchange takes away the heat of the coolant and plays a role in cooling the battery. Its structure generally consists of a heat exchanger body, an external evaporator, two coolant inlet and outlet pipes (one in and one out), and two refrigerant pipes (one in and one out).

This report studies the global Automotive Chiller production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Automotive Chiller, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Automotive Chiller that contribute to its increasing demand across many markets.

The global Automotive Chiller market size is expected to reach \$ 2439.5 million by 2029, rising at a market growth of 25.3% CAGR during the forecast period (2023-2029).

Global key players of automotive chiller include MAHLE GmbH, Modine Manufacturing, Sanhua Automotive, Yinlun Co, Estra Automotive, etc. The top three players hold a share over 70%. Asia-Pacific is the largest market, has a share about 60%, followed by Europe and North America, with share 27% and 9%, separately. China is the largest producer, has a share about 56%, followed by Europe, with share 26%.

Highlights and key features of the study

Global Automotive Chiller total production and demand, 2018-2029, (K Units)

Global Automotive Chiller total production value, 2018-2029, (USD Million)

Global Automotive Chiller production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Automotive Chiller consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Automotive Chiller domestic production, consumption, key domestic manufacturers and share

Global Automotive Chiller production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Automotive Chiller production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Automotive Chiller production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Automotive Chiller market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Valeo, MAHLE GmbH, Zhejiang Sanhua Intelligent Controls, Yinlun Co, Modine Manufacturing, Estra Automotive and Hasco Group, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Automotive Chiller market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Automotive Chiller Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Automotive Chiller Market, Segmentation by Type

Air-Cooled Chiller

Liquid-Cooled Chiller

Global Automotive Chiller Market, Segmentation by Application

HEV

BEV

Companies Profiled:

Valeo

MAHLE GmbH

Zhejiang Sanhua Intelligent Controls

Yinlun Co

Modine Manufacturing

Estra Automotive

Hasco Group

Key Questions Answered

1. How big is the global Automotive Chiller market?
2. What is the demand of the global Automotive Chiller market?
3. What is the year over year growth of the global Automotive Chiller market?
4. What is the production and production value of the global Automotive Chiller market?
5. Who are the key producers in the global Automotive Chiller market?
6. What are the growth factors driving the market demand?

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