

Automotive Intercooler Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

<https://marketpublishers.com/r/A4FCB3B28DC6EN.html>

Date: October 2023

Pages: 147

Price: US\$ 2,499.00 (Single User License)

ID: A4FCB3B28DC6EN

Abstracts

Market Overview:

The global automotive intercooler market size reached US\$ 12.8 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 19.1 Billion by 2028, exhibiting a growth rate (CAGR) of 6.85% during 2023-2028.

An automotive intercooler is a heat exchanger device utilized for cooling the air entering the carburetor or fuel injection system. It is used as an air-to-air or air-to-water cooler for supercharged and turbocharged internal combustion engines to extract waste heat from the compressed air. It assists in increasing the efficiency of the induction system, improving combustion and enhancing the reliability of the engine. It also helps maximize the fuel economy and reduce the greenhouse gas (GHG) emissions of the vehicle.

The growing automotive industry represents one of the significant factors impelling the automotive intercooler market growth. Besides this, the escalating demand for sports cars that incorporate turbocharged engines for high speed is strengthening the market growth. Turbochargers also help in downsizing the engine, which, in turn, helps offer improved output and performance. Moreover, due to the growing environmental concerns, governments of numerous countries are implementing stringent regulations on carbon dioxide (CO₂) emission. Consequently, there is an increase in the sales of automotive intercoolers across the globe. Apart from this, the leading players are focusing on increasing research and development (R&D) projects to introduce innovative products with improved functionality.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global automotive intercooler market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on type, design type, vehicle type, engine type and distribution.

Breakup by Type:

Air to Air Intercooler

Water to Air Intercooler

Breakup by Design Type:

Front Mounted Intercooler

Top Mounted Intercooler

Side Mounted Intercooler

Breakup by Vehicle Type:

Passenger Cars

Light Commercial Vehicles

Heavy Commercial Vehicles

Others

Breakup by Engine Type:

Supercharged Engine

Turbocharged Engine

Breakup by Distribution:

OEMs

Aftermarket

Breakup by Region:

North America

United States

Canada

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the key players being Bell Intercoolers, Forge Motorsport Inc., Garrett Motion Inc., Kale Oto Radiator, Mishimoto, Modine Manufacturing, Pro-Alloy (Holdings) Limited, PWR Holdings Limited and Treadstone Performance Engineer.

Key Questions Answered in This Report

1. How big is the global automotive intercooler market?
2. What is the expected growth rate of the global automotive intercooler market during 2023-2028?
3. What are the key factors driving the global automotive intercooler market?
4. What has been the impact of COVID-19 on the global automotive intercooler market?
5. What is the breakup of the global automotive intercooler market based on the type?
6. What is the breakup of the global automotive intercooler market based on the design type?
7. What is the breakup of the global automotive intercooler market based on the vehicle type?

8. What is the breakup of the global automotive intercooler market based on the engine type?
9. What are the key regions in the global automotive intercooler market?
10. Who are the key players/companies in the global automotive intercooler market?

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