

Automotive Thermal System Market by Component (Compressor, HVAC, Powertrain Cooling, and Fluid Transport) - Global Opportunity Analysis and Industry Forecast, 2014-2022

<https://marketpublishers.com/r/A91CDD027E2EN.html>

Date: January 2017

Pages: 98

Price: US\$ 3,999.00 (Single User License)

ID: A91CDD027E2EN

Abstracts

Heat generated in automobiles by various vehicle components such as engine, battery, and others reduces the efficiency of vehicles, causing discomfort to the driver.

Automotive thermal systems are used for the purpose of temperature control and thermal management in heavy and lightweight vehicles. It increases the efficiency of vehicle parts, including engine, and user comfort in the vehicle.

The automotive thermal system market is driven by increase in usage of thermal management systems in automobiles and heavy vehicles. Moreover, usage of HVAC systems (heating, ventilating, and air-conditioning systems) in automobiles to regulate the overall temperature of the vehicles is projected to drive the growth of this market in the coming years. However, stringent pollution & emission guidelines and high R&D cost restrain the market growth. Use of eco-friendly refrigerants to cool down the vehicle components that has less impact on environment is projected to further boost the growth of the market. Moreover, application of artificial intelligence techniques in thermal systems is anticipated to fuel the market growth in the coming years.

The global automotive thermal system market is segmented on the basis of component and geography. By component, the market is categorized into compressor, HVAC, powertrain cooling, and fluid transport. Geographically, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

Key players profiled in the report are Valeo, Mahle GmbH, Grayson Thermal Systems, Gentherm Inc., and Denso Corporation.

KEY BENEFITS FOR SHARE HOLDERS

The report provides an extensive analysis of the current and emerging automotive thermal system market trends.

It offers quantitative analysis, which assists to identify the prevailing market opportunities.

Comprehensive analysis of factors that drive and restrict the market growth are provided in the report.

Competitive intelligence of leading players of automotive thermal system helps understand the competitive scenario across geographies.

KEY MARKET SEGMENTS

By Component

Compressor

HVAC

Powertrain Cooling

Fluid Transport

By Geography

North America

U.S.

Canada

Mexico

Europe

Germany

UK

France

Italy

Rest of Europe

Asia-Pacific

China

India

Japan

South Korea

Rest of APAC

LAMEA

Latin America

Middle East

Africa

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