
Description:

The automotive heat exchanger market in Europe is expected to reach $19.04 billion by 2017, growing at a CAGR of 8.05% till 2020%. The market in Europe is one of the largest in the global heat exchanger market. The stringency in the emission norms levied by the European Commission and EPA has brought about a lot of reforms in the manufacturing of automotive components. There has been an increased concern among the OEMs for fuel economy which makes them emphasise on lightweight automotive material. The demand for automotive light weight material has made the heat exchanger manufacturers focus on energy-efficient and lighter materials in the manufacturing of heat exchangers. Increased adoption of energy-efficient components in the manufacturing is one of the key propellants driving the growth of the market.

The revival of the growth in the European automotive industry is a huge propellant in the growth of the market. The increased demand for premium and luxury passenger vehicles, which has increased usage of heat exchangers, would also help the growth of the market in the forecast period. A turbocharged engine requires an intercooler to cool the air, which has been charged in the engine. Thereby, the increased use of turbocharged engines, exhaust gas circulators has brought about a significant increase in the demand for condensers and intercoolers.

Heat exchangers used in today's automobiles are based on tube / fin designs. Numerous tube/ fin designs aluminium automotive heat exchangers are built by the prominent vendors in the automotive heat exchanger market. For instance, Mahle Behr GmbH & Co has designed numerous varieties of aluminium automotive heat exchanger with tubular and fin shaped designs. Similarly, Novellis use advanced and innovative technologies like flex caster continuous casting technology, TRC technology fusion, TM multi-layer casting technology, DC processing technology in the making of superior aluminium sheets, exclusively for automotive heat exchangers in the HVAC systems. The growing popularity of aluminium in the automotive heat exchanger market is also driven by the high thermal conductivity of aluminium coupled with the corrosion-resistance feature of aluminium.

The increasing demand for heat exchangers in hybrid powertrains is one of the trends in the Europe automotive heat exchanger market. In recent years, hybrid vehicles have been identified as the most feasible energy-efficient road transportation, thereby driving the demand of hybrid vehicles during the forecast period. Europe accounts for the majority share in the sales of hybrid vehicles. Hybrid vehicles requires low-temperature heat exchangers along with normal heat exchangers for regulated battery cooling. Major automotive heat exchanger vendors such as Mahle, Denso, Valeo, and Visteon are focusing on targeting the growing demand for additional heat exchangers and hence have introduced battery-cooling systems for hybrid vehicles, especially to cater the European Market.

The market is segmented on the basis of application, design type, vehicle type, and by country. The automotive radiator leads the market with a share of more than 58% in the application type. The automotive heat exchangers market in the Germany accounted for the highest share of around 19% in the Europe automotive heat exchangers market, with UK attracting highest growth rate. The growth in the electric vehicle segment would also be the highest among the vehicle types. The automotive heat exchanger market is fragmented and highly competitive with the presence of a large number of small scale and medium scale vendors across the globe. Denso, Valeo, Visteon, Mahle are the dominant players in the market.

The Report Offers:

- Market Definition along with identification of key drivers and restraints for the market.
- Market analysis with region specific assessments and competition analysis on the market
- Identification of factors instrumental in changing the market scenarios, rising prospective opportunities and identification of key companies, which can influence the market.
- Extensively researched competitive landscape section with profiles of major companies along with their strategic initiatives and market shares.
- Identification and analysis of the Macro and Micro factors that affect the industry in various countries of the region.
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