

# Automotive Heat Exchanger - Global Market Outlook (2017-2026)

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## Abstracts

According to Statistics MRC, the Global Automotive Heat Exchanger Market is accounted for \$19.13 billion in 2017 and is expected to reach \$38.56 billion by 2026 growing at a CAGR of 8.1% during the forecast period. Growing demand for automotive components, increasing HVAC usage in automotive & residential and rising demand for production of passenger and commercial vehicles are some of the key driving factor for the market growth. However, future emission norms pose a threat for EGR and intercoolers and rise in complexity of automotive heat exchangers can hamper the market.

A heat exchanger is a tool designed for the purpose transferring heat from one medium to another at altered temperatures. Most commonly, these mediums consist of two fluids that flow close to each other and are independent by a material, often metals, with excellent heat transmitting properties. The hot liquid, the liquid with the maximum warmth initially, transfers heat to the freezing liquid as they both pass through the heat exchanger, thus decreasing the high temperature of the hot liquid and raising the warmth of the cold liquid.

On the basis of vehicle type, the passenger cars segment commanded the largest market share due to the increase in manufacture of passenger cars worldwide, huge demand for SUVs & premium vehicles and high performance expectation from personal vehicles is driving the passenger car segment. Moreover, the global demand for passenger cars is larger than that for commercial vehicles.

By application, radiators held highest CAGR and the same trend are expected to continue during the forecast period. Radiator is an integral part of cars, which is used to dissipate the heat from coolant to atmosphere. New technological advancements are

being done in the field of raw materials to reduce the cost and weight of existing radiators.

By geography, Asia Pacific is anticipated to dominate the market due to high demand of automobiles and increasing automobile manufacturing sector in countries such as Japan, China, and India are some of the factors that are boosting the automotive heat exchanger market in this region. Europe is anticipated to have highest attribute due to the stringent emission rules laid down by European Commission in the automotive industry. In addition, increase in the production of lightweight and energy efficient automotive material has led to an increase in growth of the European market.

Some of the key players profiled in the Automotive Heat Exchanger Market include Denso Corporation, American Industrial Heat Transfer, Inc., Hanon Systems, Banco Products Ltd., Constellium, HRS Process Systems Limited, AKG Thermal Systems, Climetal, G & M Radiator, Modine Manufacturing Company, MAHLE GmbH, VALEO S.A., Nippon Light Metal Holdings Co., Ltd, Precision Micro and GEA Group AG.

#### Vehicle types Covered:

Light Commercial Vehicles

Medium & Heavy Commercial Vehicles

Passenger Cars

Conventional (ICE) Vehicles

Other Vehicle Types

#### Electric Vehicles Covered:

Plug-In Hybrid Electric Vehicle (PHEVs)

Battery Electric Vehicle (BEV)

Hybrid Electric Vehicle (HEVs)

**Off-Highway Vehicle Types Covered:**

Construction Equipment

Agricultural Equipment

**Design Types Covered:**

Tube Fin

Plate Bar

Other Design Types

**Applications Covered:**

Intercoolers

Air Conditioning System

Radiator

Exhaust Gas Heat Exchanger

Oil Coolers

Other Applications

**Regions Covered:**

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

## Contents

### **1 EXECUTIVE SUMMARY**

### **2 PREFACE**

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
  - 2.4.1 Data Mining
  - 2.4.2 Data Analysis
  - 2.4.3 Data Validation
  - 2.4.4 Research Approach
- 2.5 Research Sources
  - 2.5.1 Primary Research Sources
  - 2.5.2 Secondary Research Sources
  - 2.5.3 Assumptions

### **3 MARKET TREND ANALYSIS**

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 Application Analysis
- 3.7 Emerging Markets
- 3.8 Futuristic Market Scenario

### **4 PORTERS FIVE FORCE ANALYSIS**

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

### **5 GLOBAL AUTOMOTIVE HEAT EXCHANGER MARKET, BY VEHICLE TYPE**

- 5.1 Introduction
- 5.2 Light Commercial Vehicles
- 5.3 Medium & Heavy Commercial Vehicles
- 5.4 Passenger Cars
- 5.5 Conventional (ICE) Vehicles
- 5.6 Other Vehicle Types

## **6 GLOBAL AUTOMOTIVE HEAT EXCHANGER MARKET, BY ELECTRIC VEHICLE**

- 6.1 Introduction
- 6.2 Plug-In Hybrid Electric Vehicle (PHEVs)
- 6.3 Battery Electric Vehicle (BEV)
- 6.4 Hybrid Electric Vehicle (HEVs)

## **7 GLOBAL AUTOMOTIVE HEAT EXCHANGER MARKET, BY OFF-HIGHWAY VEHICLE TYPE**

- 7.1 Introduction
- 7.2 Construction Equipment
- 7.3 Agricultural Equipment

## **8 GLOBAL AUTOMOTIVE HEAT EXCHANGER MARKET, BY DESIGN TYPE**

- 8.1 Introduction
- 8.2 Tube Fin
- 8.3 Plate Bar
- 8.4 Other Design Types

## **9 GLOBAL AUTOMOTIVE HEAT EXCHANGER MARKET, BY APPLICATION**

- 9.1 Introduction
- 9.2 Intercoolers
- 9.3 Air Conditioning System
- 9.4 Radiator
- 9.5 Exhaust Gas Heat Exchanger
- 9.6 Oil Coolers
- 9.7 Other Applications

## **10 GLOBAL AUTOMOTIVE HEAT EXCHANGER MARKET, BY GEOGRAPHY**

10.1 Introduction

10.2 North America

10.2.1 US

10.2.2 Canada

10.2.3 Mexico

10.3 Europe

10.3.1 Germany

10.3.2 UK

10.3.3 Italy

10.3.4 France

10.3.5 Spain

10.3.6 Rest of Europe

10.4 Asia Pacific

10.4.1 Japan

10.4.2 China

10.4.3 India

10.4.4 Australia

10.4.5 New Zealand

10.4.6 South Korea

10.4.7 Rest of Asia Pacific

10.5 South America

10.5.1 Argentina

10.5.2 Brazil

10.5.3 Chile

10.5.4 Rest of South America

10.6 Middle East & Africa

10.6.1 Saudi Arabia

10.6.2 UAE

10.6.3 Qatar

10.6.4 South Africa

10.6.5 Rest of Middle East & Africa

## **11 KEY DEVELOPMENTS**

11.1 Agreements, Partnerships, Collaborations and Joint Ventures

11.2 Acquisitions & Mergers

11.3 New Product Launch



11.4 Expansions

11.5 Other Key Strategies

## **12 COMPANY PROFILING**

12.1 Denso Corporation

12.2 American Industrial Heat Transfer, Inc.

12.3 Hanon Systems

12.4 Banco Products Ltd

12.5 Constellium

12.6 HRS Process Systems Limited

12.7 AKG Thermal Systems

12.8 Climalmetal

12.9 G & M Radiator

12.10 Modine Manufacturing Company

12.11 MAHLE GmbH

12.12 VALEO S.A.

12.13 Nippon Light Metal Holdings Co., Ltd

12.14 Precision Micro

12.15 GEA Group AG

## List Of Tables

### LIST OF TABLES

Table 1 Global Automotive Heat Exchanger Market Outlook, By Region (2016-2026) (\$MN)

Table 2 Global Automotive Heat Exchanger Market Outlook, By Vehicle Type (2016-2026) (\$MN)

Table 3 Global Automotive Heat Exchanger Market Outlook, By Light Commercial Vehicles (2016-2026) (\$MN)

Table 4 Global Automotive Heat Exchanger Market Outlook, By Medium & Heavy Commercial Vehicles (2016-2026) (\$MN)

Table 5 Global Automotive Heat Exchanger Market Outlook, By Passenger Cars (2016-2026) (\$MN)

Table 6 Global Automotive Heat Exchanger Market Outlook, By Conventional (ICE) Vehicles (2016-2026) (\$MN)

Table 7 Global Automotive Heat Exchanger Market Outlook, By Other Vehicle Types (2016-2026) (\$MN)

Table 8 Global Automotive Heat Exchanger Market Outlook, By Electric Vehicle (2016-2026) (\$MN)

Table 9 Global Automotive Heat Exchanger Market Outlook, By Plug-In Hybrid Electric Vehicle (PHEVs) (2016-2026) (\$MN)

Table 10 Global Automotive Heat Exchanger Market Outlook, By Battery Electric Vehicle (BEV) (2016-2026) (\$MN)

Table 11 Global Automotive Heat Exchanger Market Outlook, By Hybrid Electric Vehicle (HEVs) (2016-2026) (\$MN)

Table 12 Global Automotive Heat Exchanger Market Outlook, By Off-Highway Vehicle Type (2016-2026) (\$MN)

Table 13 Global Automotive Heat Exchanger Market Outlook, By Construction Equipment (2016-2026) (\$MN)

Table 14 Global Automotive Heat Exchanger Market Outlook, By Agricultural Equipment (2016-2026) (\$MN)

Table 15 Global Automotive Heat Exchanger Market Outlook, By Design Type (2016-2026) (\$MN)

Table 16 Global Automotive Heat Exchanger Market Outlook, By Tube Fin (2016-2026) (\$MN)

Table 17 Global Automotive Heat Exchanger Market Outlook, By Plate Bar (2016-2026) (\$MN)

Table 18 Global Automotive Heat Exchanger Market Outlook, By Other Design Types

(2016-2026) (\$MN)

Table 19 Global Automotive Heat Exchanger Market Outlook, By Application

(2016-2026) (\$MN)

Table 20 Global Automotive Heat Exchanger Market Outlook, By Intercoolers

(2016-2026) (\$MN)

Table 21 Global Automotive Heat Exchanger Market Outlook, By Air Conditioning System (2016-2026) (\$MN)

Table 22 Global Automotive Heat Exchanger Market Outlook, By Radiator (2016-2026) (\$MN)

Table 23 Global Automotive Heat Exchanger Market Outlook, By Exhaust Gas Heat Exchanger (2016-2026) (\$MN)

Table 24 Global Automotive Heat Exchanger Market Outlook, By Oil Coolers (2016-2026) (\$MN)

Table 25 Global Automotive Heat Exchanger Market Outlook, By Other Applications (2016-2026) (\$MN)

Table 26 North America Automotive Heat Exchanger Market Outlook, By Country (2016-2026) (\$MN)

Table 27 North America Automotive Heat Exchanger Market Outlook, By Vehicle Type (2016-2026) (\$MN)

Table 28 North America Automotive Heat Exchanger Market Outlook, By Light Commercial Vehicles (2016-2026) (\$MN)

Table 29 North America Automotive Heat Exchanger Market Outlook, By Medium & Heavy Commercial Vehicles (2016-2026) (\$MN)

Table 30 North America Automotive Heat Exchanger Market Outlook, By Passenger Cars (2016-2026) (\$MN)

Table 31 North America Automotive Heat Exchanger Market Outlook, By Conventional (ICE) Vehicles (2016-2026) (\$MN)

Table 32 North America Automotive Heat Exchanger Market Outlook, By Other Vehicle Types (2016-2026) (\$MN)

Table 33 North America Automotive Heat Exchanger Market Outlook, By Electric Vehicle (2016-2026) (\$MN)

Table 34 North America Automotive Heat Exchanger Market Outlook, By Plug-In Hybrid Electric Vehicle (PHEVs) (2016-2026) (\$MN)

Table 35 North America Automotive Heat Exchanger Market Outlook, By Battery Electric Vehicle (BEV) (2016-2026) (\$MN)

Table 36 North America Automotive Heat Exchanger Market Outlook, By Hybrid Electric Vehicle (HEVs) (2016-2026) (\$MN)

Table 37 North America Automotive Heat Exchanger Market Outlook, By Off-Highway Vehicle Type (2016-2026) (\$MN)

Table 38 North America Automotive Heat Exchanger Market Outlook, By Construction Equipment (2016-2026) (\$MN)

Table 39 North America Automotive Heat Exchanger Market Outlook, By Agricultural Equipment (2016-2026) (\$MN)

Table 40 North America Automotive Heat Exchanger Market Outlook, By Design Type (2016-2026) (\$MN)

Table 41 North America Automotive Heat Exchanger Market Outlook, By Tube Fin (2016-2026) (\$MN)

Table 42 North America Automotive Heat Exchanger Market Outlook, By Plate Bar (2016-2026) (\$MN)

Table 43 North America Automotive Heat Exchanger Market Outlook, By Other Design Types (2016-2026) (\$MN)

Table 44 North America Automotive Heat Exchanger Market Outlook, By Application (2016-2026) (\$MN)

Table 45 North America Automotive Heat Exchanger Market Outlook, By Intercoolers (2016-2026) (\$MN)

Table 46 North America Automotive Heat Exchanger Market Outlook, By Air Conditioning System (2016-2026) (\$MN)

Table 47 North America Automotive Heat Exchanger Market Outlook, By Radiator (2016-2026) (\$MN)

Table 48 North America Automotive Heat Exchanger Market Outlook, By Exhaust Gas Heat Exchanger (2016-2026) (\$MN)

Table 49 North America Automotive Heat Exchanger Market Outlook, By Oil Coolers (2016-2026) (\$MN)

Table 50 North America Automotive Heat Exchanger Market Outlook, By Other Applications (2016-2026) (\$MN)

Table 51 Europe Automotive Heat Exchanger Market Outlook, By Country (2016-2026) (\$MN)

Table 52 Europe Automotive Heat Exchanger Market Outlook, By Vehicle Type (2016-2026) (\$MN)

Table 53 Europe Automotive Heat Exchanger Market Outlook, By Light Commercial Vehicles (2016-2026) (\$MN)

Table 54 Europe Automotive Heat Exchanger Market Outlook, By Medium & Heavy Commercial Vehicles (2016-2026) (\$MN)

Table 55 Europe Automotive Heat Exchanger Market Outlook, By Passenger Cars (2016-2026) (\$MN)

Table 56 Europe Automotive Heat Exchanger Market Outlook, By Conventional (ICE) Vehicles (2016-2026) (\$MN)

Table 57 Europe Automotive Heat Exchanger Market Outlook, By Other Vehicle Types

(2016-2026) (\$MN)

Table 58 Europe Automotive Heat Exchanger Market Outlook, By Electric Vehicle (2016-2026) (\$MN)

Table 59 Europe Automotive Heat Exchanger Market Outlook, By Plug-In Hybrid Electric Vehicle (PHEVs) (2016-2026) (\$MN)

Table 60 Europe Automotive Heat Exchanger Market Outlook, By Battery Electric Vehicle (BEV) (2016-2026) (\$MN)

Table 61 Europe Automotive Heat Exchanger Market Outlook, By Hybrid Electric Vehicle (HEVs) (2016-2026) (\$MN)

Table 62 Europe Automotive Heat Exchanger Market Outlook, By Off-Highway Vehicle Type (2016-2026) (\$MN)

Table 63 Europe Automotive Heat Exchanger Market Outlook, By Construction Equipment (2016-2026) (\$MN)

Table 64 Europe Automotive Heat Exchanger Market Outlook, By Agricultural Equipment (2016-2026) (\$MN)

Table 65 Europe Automotive Heat Exchanger Market Outlook, By Design Type (2016-2026) (\$MN)

Table 66 Europe Automotive Heat Exchanger Market Outlook, By Tube Fin (2016-2026) (\$MN)

Table 67 Europe Automotive Heat Exchanger Market Outlook, By Plate Bar (2016-2026) (\$MN)

Table 68 Europe Automotive Heat Exchanger Market Outlook, By Other Design Types (2016-2026) (\$MN)

Table 69 Europe Automotive Heat Exchanger Market Outlook, By Application (2016-2026) (\$MN)

Table 70 Europe Automotive Heat Exchanger Market Outlook, By Intercoolers (2016-2026) (\$MN)

Table 71 Europe Automotive Heat Exchanger Market Outlook, By Air Conditioning System (2016-2026) (\$MN)

Table 72 Europe Automotive Heat Exchanger Market Outlook, By Radiator (2016-2026) (\$MN)

Table 73 Europe Automotive Heat Exchanger Market Outlook, By Exhaust Gas Heat Exchanger (2016-2026) (\$MN)

Table 74 Europe Automotive Heat Exchanger Market Outlook, By Oil Coolers (2016-2026) (\$MN)

Table 75 Europe Automotive Heat Exchanger Market Outlook, By Other Applications (2016-2026) (\$MN)

Table 76 Asia Pacific Automotive Heat Exchanger Market Outlook, By Country (2016-2026) (\$MN)

Table 77 Asia Pacific Automotive Heat Exchanger Market Outlook, By Vehicle Type (2016-2026) (\$MN)

Table 78 Asia Pacific Automotive Heat Exchanger Market Outlook, By Light Commercial Vehicles (2016-2026) (\$MN)

Table 79 Asia Pacific Automotive Heat Exchanger Market Outlook, By Medium & Heavy Commercial Vehicles (2016-2026) (\$MN)

Table 80 Asia Pacific Automotive Heat Exchanger Market Outlook, By Passenger Cars (2016-2026) (\$MN)

Table 81 Asia Pacific Automotive Heat Exchanger Market Outlook, By Conventional (ICE) Vehicles (2016-2026) (\$MN)

Table 82 Asia Pacific Automotive Heat Exchanger Market Outlook, By Other Vehicle Types (2016-2026) (\$MN)

Table 83 Asia Pacific Automotive Heat Exchanger Market Outlook, By Electric Vehicle (2016-2026) (\$MN)

Table 84 Asia Pacific Automotive Heat Exchanger Market Outlook, By Plug-In Hybrid Electric Vehicle (PHEVs) (2016-2026) (\$MN)

Table 85 Asia Pacific Automotive Heat Exchanger Market Outlook, By Battery Electric Vehicle (BEV) (2016-2026) (\$MN)

Table 86 Asia Pacific Automotive Heat Exchanger Market Outlook, By Hybrid Electric Vehicle (HEVs) (2016-2026) (\$MN)

Table 87 Asia Pacific Automotive Heat Exchanger Market Outlook, By Off-Highway Vehicle Type (2016-2026) (\$MN)

Table 88 Asia Pacific Automotive Heat Exchanger Market Outlook, By Construction Equipment (2016-2026) (\$MN)

Table 89 Asia Pacific Automotive Heat Exchanger Market Outlook, By Agricultural Equipment (2016-2026) (\$MN)

Table 90 Asia Pacific Automotive Heat Exchanger Market Outlook, By Design Type (2016-2026) (\$MN)

Table 91 Asia Pacific Automotive Heat Exchanger Market Outlook, By Tube Fin (2016-2026) (\$MN)

Table 92 Asia Pacific Automotive Heat Exchanger Market Outlook, By Plate Bar (2016-2026) (\$MN)

Table 93 Asia Pacific Automotive Heat Exchanger Market Outlook, By Other Design Types (2016-2026) (\$MN)

Table 94 Asia Pacific Automotive Heat Exchanger Market Outlook, By Application (2016-2026) (\$MN)

Table 95 Asia Pacific Automotive Heat Exchanger Market Outlook, By Intercoolers (2016-2026) (\$MN)

Table 96 Asia Pacific Automotive Heat Exchanger Market Outlook, By Air Conditioning

System (2016-2026) (\$MN)

Table 97 Asia Pacific Automotive Heat Exchanger Market Outlook, By Radiator (2016-2026) (\$MN)

Table 98 Asia Pacific Automotive Heat Exchanger Market Outlook, By Exhaust Gas Heat Exchanger (2016-2026) (\$MN)

Table 99 Asia Pacific Automotive Heat Exchanger Market Outlook, By Oil Coolers (2016-2026) (\$MN)

Table 100 Asia Pacific Automotive Heat Exchanger Market Outlook, By Other Applications (2016-2026) (\$MN)

Table 101 South America Automotive Heat Exchanger Market Outlook, By Country (2016-2026) (\$MN)

Table 102 South America Automotive Heat Exchanger Market Outlook, By Vehicle Type (2016-2026) (\$MN)

Table 103 South America Automotive Heat Exchanger Market Outlook, By Light Commercial Vehicles (2016-2026) (\$MN)

Table 104 South America Automotive Heat Exchanger Market Outlook, By Medium & Heavy Commercial Vehicles (2016-2026) (\$MN)

Table 105 South America Automotive Heat Exchanger Market Outlook, By Passenger Cars (2016-2026) (\$MN)

Table 106 South America Automotive Heat Exchanger Market Outlook, By Conventional (ICE) Vehicles (2016-2026) (\$MN)

Table 107 South America Automotive Heat Exchanger Market Outlook, By Other Vehicle Types (2016-2026) (\$MN)

Table 108 South America Automotive Heat Exchanger Market Outlook, By Electric Vehicle (2016-2026) (\$MN)

Table 109 South America Automotive Heat Exchanger Market Outlook, By Plug-In Hybrid Electric Vehicle (PHEVs) (2016-2026) (\$MN)

Table 110 South America Automotive Heat Exchanger Market Outlook, By Battery Electric Vehicle (BEV) (2016-2026) (\$MN)

Table 111 South America Automotive Heat Exchanger Market Outlook, By Hybrid Electric Vehicle (HEVs) (2016-2026) (\$MN)

Table 112 South America Automotive Heat Exchanger Market Outlook, By Off-Highway Vehicle Type (2016-2026) (\$MN)

Table 113 South America Automotive Heat Exchanger Market Outlook, By Construction Equipment (2016-2026) (\$MN)

Table 114 South America Automotive Heat Exchanger Market Outlook, By Agricultural Equipment (2016-2026) (\$MN)

Table 115 South America Automotive Heat Exchanger Market Outlook, By Design Type (2016-2026) (\$MN)

Table 116 South America Automotive Heat Exchanger Market Outlook, By Tube Fin (2016-2026) (\$MN)

Table 117 South America Automotive Heat Exchanger Market Outlook, By Plate Bar (2016-2026) (\$MN)

Table 118 South America Automotive Heat Exchanger Market Outlook, By Other Design Types (2016-2026) (\$MN)

Table 119 South America Automotive Heat Exchanger Market Outlook, By Application (2016-2026) (\$MN)

Table 120 South America Automotive Heat Exchanger Market Outlook, By Intercoolers (2016-2026) (\$MN)

Table 121 South America Automotive Heat Exchanger Market Outlook, By Air Conditioning System (2016-2026) (\$MN)

Table 122 South America Automotive Heat Exchanger Market Outlook, By Radiator (2016-2026) (\$MN)

Table 123 South America Automotive Heat Exchanger Market Outlook, By Exhaust Gas Heat Exchanger (2016-2026) (\$MN)

Table 124 South America Automotive Heat Exchanger Market Outlook, By Oil Coolers (2016-2026) (\$MN)

Table 125 South America Automotive Heat Exchanger Market Outlook, By Other Applications (2016-2026) (\$MN)

Table 126 Middle East & Africa Automotive Heat Exchanger Market Outlook, By Country (2016-2026) (\$MN)

Table 127 Middle East & Africa Automotive Heat Exchanger Market Outlook, By Vehicle Type (2016-2026) (\$MN)

Table 128 Middle East & Africa Automotive Heat Exchanger Market Outlook, By Light Commercial Vehicles (2016-2026) (\$MN)

Table 129 Middle East & Africa Automotive Heat Exchanger Market Outlook, By Medium & Heavy Commercial Vehicles (2016-2026) (\$MN)

Table 130 Middle East & Africa Automotive Heat Exchanger Market Outlook, By Passenger Cars (2016-2026) (\$MN)

Table 131 Middle East & Africa Automotive Heat Exchanger Market Outlook, By Conventional (ICE) Vehicles (2016-2026) (\$MN)

Table 132 Middle East & Africa Automotive Heat Exchanger Market Outlook, By Other Vehicle Types (2016-2026) (\$MN)

Table 133 Middle East & Africa Automotive Heat Exchanger Market Outlook, By Electric Vehicle (2016-2026) (\$MN)

Table 134 Middle East & Africa Automotive Heat Exchanger Market Outlook, By Plug-In Hybrid Electric Vehicle (PHEVs) (2016-2026) (\$MN)

Table 135 Middle East & Africa Automotive Heat Exchanger Market Outlook, By Battery



Electric Vehicle (BEV) (2016-2026) (\$MN)

Table 136 Middle East & Africa Automotive Heat Exchanger Market Outlook, By Hybrid Electric Vehicle (HEVs) (2016-2026) (\$MN)

Table 137 Middle East & Africa Automotive Heat Exchanger Market Outlook, By Off-Highway Vehicle Type (2016-2026) (\$MN)

Table 138 Middle East & Africa Automotive Heat Exchanger Market Outlook, By Construction Equipment (2016-2026) (\$MN)

Table 139 Middle East & Africa Automotive Heat Exchanger Market Outlook, By Agricultural Equipment (2016-2026) (\$MN)

Table 140 Middle East & Africa Automotive Heat Exchanger Market Outlook, By Design Type (2016-2026) (\$MN)

Table 141 Middle East & Africa Automotive Heat Exchanger Market Outlook, By Tube Fin (2016-2026) (\$MN)

Table 142 Middle East & Africa Automotive Heat Exchanger Market Outlook, By Plate Bar (2016-2026) (\$MN)

Table 143 Middle East & Africa Automotive Heat Exchanger Market Outlook, By Other Design Types (2016-2026) (\$MN)

Table 144 Middle East & Africa Automotive Heat Exchanger Market Outlook, By Application (2016-2026) (\$MN)

Table 145 Middle East & Africa Automotive Heat Exchanger Market Outlook, By Intercoolers (2016-2026) (\$MN)

Table 146 Middle East & Africa Automotive Heat Exchanger Market Outlook, By Air Conditioning System (2016-2026) (\$MN)

Table 147 Middle East & Africa Automotive Heat Exchanger Market Outlook, By Radiator (2016-2026) (\$MN)

Table 148 Middle East & Africa Automotive Heat Exchanger Market Outlook, By Exhaust Gas Heat Exchanger (2016-2026) (\$MN)

Table 149 Middle East & Africa Automotive Heat Exchanger Market Outlook, By Oil Coolers (2016-2026) (\$MN)

Table 150 Middle East & Africa Automotive Heat Exchanger Market Outlook, By Other Applications (2016-2026) (\$MN)

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