

# **NORTH AMERICA AUTOMOTIVE HEAT EXCHANGER MARKET FORECAST 2018-2026**

<https://marketpublishers.com/r/NB2800B5184EN.html>

Date: February 2018

Pages: 75

Price: US\$ 1,250.00 (Single User License)

ID: NB2800B5184EN

## **Abstracts**

### **KEY FINDINGS**

The North America automotive heat exchanger market is expected to reach \$21.07 billion by 2026, an up from \$11.51 billion in 2017, growing at a CAGR of 6.95% over the forecast period of 2018-2026.

### **MARKET INSIGHTS**

The United States dominate the North America market owing to the large vehicle production and sales; which in turn lead to increased demand from both the OEM and aftermarket segment. This, in turn, is responsible for increasing the demand of the automotive heat exchanger in the United States market. But the automotive heat exchanger manufacturers were under pressure due to the unavailability of the critical raw materials a few years back. This further increased the spending on R&D and procurement of better raw materials, which further cut down the profit margin for the heat exchanger manufacturers. In Canada, the vehicle production industry has seen a hike of xx% in the last five years, which further resulted in a hike of the automotive exchanger market as well.

### **COMPETITIVE INSIGHTS**

Mable, American Industrial Heat Transfer Inc., Modline manufacturing, Denso, Valeo, Visteon, etc., are some of the leading companies in this region

## Contents

### **1. RESEARCH SCOPE**

- 1.1. STUDY GOALS
- 1.2. SCOPE OF THE MARKET STUDY
- 1.3. WHO WILL FIND THIS REPORT USEFUL?
- 1.4. STUDY AND FORECASTING YEARS

### **2. RESEARCH METHODOLOGY**

- 2.1. SOURCES OF DATA
  - 2.1.1. SECONDARY DATA
  - 2.1.2. PRIMARY DATA
- 2.2. TOP-DOWN APPROACH
- 2.3. BOTTOM-UP APPROACH
- 2.4. DATA TRIANGULATION

### **3. EXECUTIVE SUMMARY**

- 3.1. MARKET SUMMARY
- 3.2. KEY FINDINGS
  - 3.2.1. ASIA PACIFIC IS THE MOST PROMISING REGIONAL MARKET
  - 3.2.2. ELECTRIC VEHICLES IS EXPECTED TO BE THE FASTEST GROWING VEHICLE TYPE SEGMENT
  - 3.2.3. GROWING ADOPTION OF ENERGY-EFFICIENT EQUIPMENT

### **4. MARKET DYNAMICS**

- 4.1. MARKET DEFINITION
- 4.2. MARKET DRIVERS
  - 4.2.1. RAPID GROWTH IN THE AUTOMOTIVE INDUSTRY
  - 4.2.2. GROWING AUTOMOTIVE AFTERMARKET DEMANDS
  - 4.2.3. STRINGENT EMISSION REGULATIONS IN DIFFERENT COUNTRIES
  - 4.2.4. INCREASING DEMAND FOR TURBOCHARGED ENGINES
- 4.3. MARKET RESTRAINTS
  - 4.3.1. LOW AVAILABILITY OF CHEAP RAW MATERIALS
  - 4.3.2. COMPLEXITY AND FUNCTIONAL ISSUES OF HEAT EXCHANGERS
- 4.4. MARKET OPPORTUNITIES

4.4.1. DEVELOPMENT AND INCREASING DEMAND FOR ALUMINIUM HEAT EXCHANGERS

4.4.2. INCREASING DEMAND FOR HYBRID POWERTRAINS

4.5. MARKET CHALLENGES

4.5.1. PACKAGING RELATED ISSUES

4.5.2. ELECTRIC VEHICLES AFFECT THE MARKET FOR IC ENGINE HEAT EXCHANGER

## **5. MARKET BY VEHICLE TYPE**

5.1. CONVENTIONAL ICE VEHICLES

5.2. PURE ELECTRIC VEHICLES

5.3. OTHER VEHICLES

## **6. MARKET BY DESIGN**

6.1. TUBE - FIN

6.2. PLATE - BAR

6.3. OTHER DESIGNS

## **7. MARKET BY APPLICATIONS**

7.1. RADIATORS

7.2. INTERCOOLERS

7.3. AIR-CONDITIONING

7.4. OIL COOLERS

7.5. EXHAUST GAS HEAT EXCHANGER

7.6. OTHER APPLICATIONS

## **8. KEY ANALYTICS**

8.1. PORTERS FIVE FORCE MODEL

8.1.1. THREAT OF NEW ENTRANTS

8.1.2. THREAT OF SUBSTITUTE

8.1.3. BARGAINING POWER OF SUPPLIERS

8.1.4. BARGAINING POWER OF BUYERS

8.1.5. THREAT OF COMPETITIVE RIVALRY

8.2. OPPORTUNITY MATRIX

8.3. VENDOR LANDSCAPE

## 8.4. VALUE CHAIN ANALYSIS: AUTOMOTIVE INDUSTRY

### 8.4.1. BACKWARD SUPPLY CHAIN

### 8.4.2. FORWARD SUPPLY CHAIN

## 9. GEOGRAPHICAL ANALYSIS

### 9.1. NORTH AMERICA

#### 9.1.1. UNITED STATES

#### 9.1.2. CANADA

## 10. COMPETITIVE LANDSCAPE

### 10.1. MARKET SHARE ANALYSIS

### 10.2. COMPANY PROFILES

#### 10.2.1. AKG THERMAL SYSTEMS, INC

#### 10.2.2. AMERICAN INDUSTRIAL HEAT TRANSFER INC

#### 10.2.3. BANCO PRODUCTS LTD

#### 10.2.4. CLIMETAL HEAT EXCHANGERS

#### 10.2.5. CLIZEN

#### 10.2.6. CONSTELLIUM N.V.

#### 10.2.7. DENSO

#### 10.2.8. G&M RADIATOR

#### 10.2.9. HANON SYSTEMS

#### 10.2.10. HRS PROCESS SYSTEMS

#### 10.2.11. MAHLE

#### 10.2.12. MODINE MANUFACTURING

#### 10.2.13. NIPPON LIGHT METAL COMPANY

#### 10.2.14. PRECISION MICRO

#### 10.2.15. VALEO S.A

## List Of Tables

### LIST OF TABLES

TABLE 1: NORTH AMERICA AUTOMOTIVE HEAT EXCHANGER MARKET, BY COUNTRY, 2018-2026 (IN \$ BILLION)

TABLE 2: NORTH AMERICA AUTOMOTIVE HEAT EXCHANGER MARKET, BY VEHICLE TYPE, 2018-2026, (IN \$ BILLION)

TABLE 3: NORTH AMERICA AUTOMOTIVE HEAT EXCHANGER MARKET, BY DESIGN, 2018-2026, (IN \$ BILLION)

TABLE 4: NORTH AMERICA AUTOMOTIVE HEAT EXCHANGER MARKET, BY APPLICATIONS, 2018-2026, (IN \$ BILLION)

TABLE 5: OPPORTUNITY MATRIX FOR AUTOMOTIVE HEAT EXCHANGER MARKET

TABLE 6: VENDOR LANDSCAPE OF AUTOMOTIVE HEAT EXCHANGER MARKET

TABLE 7: NORTH AMERICA AUTOMOTIVE HEAT EXCHANGER MARKET, BY COUNTRY, 2018-2026 (IN \$ BILLION)

## List Of Figures

### LIST OF FIGURES

FIGURE 1: NORTH AMERICA AUTOMOTIVE HEAT EXCHANGER MARKET, BY APPLICATIONS, 2017 & 2026 (IN %)

FIGURE 2: WORLDWIDE ELECTRIC VEHICLE MARKET, 2017-2026 (IN \$ MILLION)

FIGURE 3: UNITED STATES AUTOMOTIVE-RELATED CO2 EMISSIONS (MILLION METRIC TONS)

FIGURE 4: AUTOMOTIVE ENGINE MARKET BY CYLINDER COUNT 2015 AND 2024 (%)

FIGURE 5: VOLATILITY IN ALUMINUM PRICES (1000\$ PER METRIC TON) - 6 MONTHS ANALYSIS (MARCH 2016-SEPTEMBER 2016)

FIGURE 6 WORLDWIDE PURE EV AND PLUG-IN VEHICLE STOCK, 2013-2015 (IN UNITS)

FIGURE 7: NORTH AMERICA AUTOMOTIVE HEAT EXCHANGER MARKET, BY CONVENTIONAL ICE VEHICLES, 2018-2026 (IN \$ BILLION)

FIGURE 8: WORLDWIDE MOTOR VEHICLES PRODUCTION STATISTICS 2010-2015

FIGURE 9: WORLDWIDE MOTOR VEHICLES SALES STATISTICS 2010-2015

FIGURE 10: NORTH AMERICA AUTOMOTIVE HEAT EXCHANGER MARKET, BY PURE ELECTRIC VEHICLES, 2018-2026 (IN \$ BILLION)

FIGURE 11: APPROXIMATE WORLDWIDE ANNUAL SALES OF PURE-ELECTRIC VEHICLES, 2016

FIGURE 12: NORTH AMERICA AUTOMOTIVE HEAT EXCHANGER MARKET, BY OTHER VEHICLES, 2018-2026 (IN \$ BILLION)

FIGURE 13: WORLDWIDE HYBRID VEHICLE SALES, 2012-2016 (APPROXIMATE VALUE)

FIGURE 14: NORTH AMERICA AUTOMOTIVE HEAT EXCHANGER MARKET, BY TUBE - FIN, 2018-2026 (IN \$ BILLION)

FIGURE 15: NORTH AMERICA AUTOMOTIVE HEAT EXCHANGER MARKET, BY PLATE - BAR, 2018-2026 (IN \$ BILLION)

FIGURE 16: NORTH AMERICA AUTOMOTIVE HEAT EXCHANGER MARKET, BY OTHER DESIGNS, 2018-2026 (IN \$ BILLION)

FIGURE 17: NORTH AMERICA AUTOMOTIVE HEAT EXCHANGER MARKET, BY RADIATORS, 2018-2026 (IN \$ BILLION)

FIGURE 18: WORLDWIDE RADIATOR HEAT EXCHANGER MARKET SHARE 2016

FIGURE 19: NORTH AMERICA AUTOMOTIVE HEAT EXCHANGER MARKET, BY INTERCOOLERS, 2018-2026 (IN \$ BILLION)

FIGURE 20: NORTH AMERICA AUTOMOTIVE HEAT EXCHANGER MARKET, BY AIR-

CONDITIONING, 2018-2026 (IN \$ BILLION)

FIGURE 21: NORTH AMERICA AUTOMOTIVE HEAT EXCHANGER MARKET, BY OIL COOLERS, 2018-2026 (IN \$ BILLION)

FIGURE 22: NORTH AMERICA AUTOMOTIVE HEAT EXCHANGER MARKET, BY EXHAUST GAS HEAT EXCHANGER, 2018-2026 (IN \$ BILLION)

FIGURE 23: NORTH AMERICA AUTOMOTIVE HEAT EXCHANGER MARKET, BY OTHER APPLICATIONS, 2018-2026 (IN \$ BILLION)

FIGURE 24: PORTER'S FIVE FORCE MODEL OF AUTOMOTIVE HEAT EXCHANGER MARKET

FIGURE 25: VALUE CHAIN OF AUTOMOTIVE INDUSTRY

FIGURE 26: NORTH AMERICA AUTOMOTIVE HEAT EXCHANGER MARKET, REGIONAL OUTLOOK, 2017 & 2026 (IN %)

FIGURE 27: UNITED STATES AUTOMOTIVE HEAT EXCHANGER MARKET, 2018-2026 (IN \$ BILLION)

FIGURE 28: UNITED STATES AUTOMOTIVE PRODUCTION STATISTICS, 2011-2015 (IN UNITS)

FIGURE 29: UNITED STATES AUTOMOTIVE SALES STATISTICS, 2011-2015 (IN UNITS)

FIGURE 30: CANADA AUTOMOTIVE HEAT EXCHANGER MARKET, 2018-2026 (IN \$ BILLION)

FIGURE 31: CANADA AUTOMOTIVE PRODUCTION STATISTICS, 2011-2015 (IN UNITS)

FIGURE 32: CANADA AUTOMOTIVE SALES STATISTICS, 2011-2015 (IN UNITS)

FIGURE 33: MARKET SHARE ANALYSIS OF KEY PLAYERS IN 2016 (%)

## **COMPANIES MENTIONED**

1. AKG THERMAL SYSTEMS, INC
2. AMERICAN INDUSTRIAL HEAT TRANSFER INC
3. BANCO PRODUCTS LTD
4. CLIMETAL HEAT EXCHANGERS
5. CLIZEN
6. CONSTELLIUM N.V.
7. DENSO
8. G&M RADIATOR
9. HANON SYSTEMS
10. HRS PROCESS SYSTEMS
11. MAHLE

- 12. MODINE MANUFACTURING
- 13. NIPPON LIGHT METAL COMPANY
- 14. PRECISION MICRO
- 15. VALEO S.A



## I would like to order

Product name: NORTH AMERICA AUTOMOTIVE HEAT EXCHANGER MARKET FORECAST  
2018-2026

Product link: <https://marketpublishers.com/r/NB2800B5184EN.html>

Price: US\$ 1,250.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer  
Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click  
button on product page <https://marketpublishers.com/r/NB2800B5184EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form  
below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms  
& Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below  
and fax the completed form to +44 20 7900 3970

