

Global Light Vehicle Fans & Blowers Market – Passenger Cars and Light Commercial Vehicles

“The report reviews, analyzes and projects the global market for Fans & Blowers in Light Vehicle Engine Cooling and HVAC for the period 2010-2020.”

Published: November 2015

Report Code: AT010

Pages: 586

Charts: 858

Price: \$4500 Single User License, \$7200 Enterprise License

SUMMARY

Fans form the main component of engine cooling systems while blowers are heart of the vehicle HVAC systems. Global demand for fans and blowers in light vehicles is directly correlated to the production of vehicles. Light vehicles segment, which includes passenger cars and light commercial vehicles, constitute the largest segment of automotive vehicles produced on a worldwide basis estimated at 85.4 million units in 2015 and is projected to touch 100 million mark by 2020.

Light vehicle segments covered in this report include both passenger cars and light commercial vehicles comprising Light Trucks, Mini Vans, Multi-Purpose Vehicles (MPVs), Compact MPVs, Sedans, Small Cars or Hatchbacks, Sports Utility Vehicles (SUVs), Compact SUVs and Vans. Global consumption of fans in light vehicles, estimated at 120 million units in 2015, is projected to reach 140 million units by 2020 at a CAGR of 3.2% over 2014-2020. On the other hand, the global volume consumption of blowers in light vehicles is expected to maintain a slightly better 3.5% CAGR during the above mentioned period and reach a projected 102 million units by 2020, owing to the increasing penetration of air conditioned vehicles in the light vehicles segment.

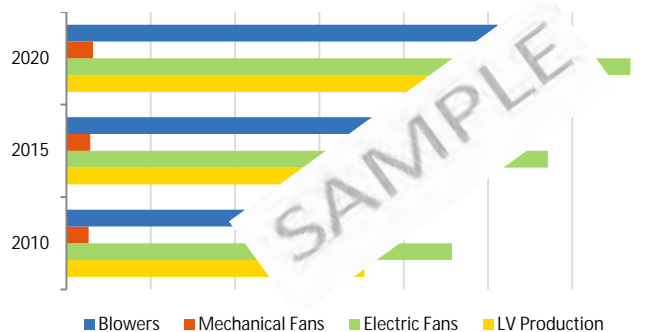
Light vehicle fan types analyzed in this study include both electric fans and mechanical fans along with their applications comprising engine cooling fans, comprising radiator cooling fans and air-conditioner condenser cooling fans. Light vehicle HVAC blower types analyzed in this report include single wheel blower and double wheel blower. The report focuses only on light vehicle original equipment manufacturer (OEM) fans and blowers market and does not include aftermarket fans and blowers.

The report reviews, analyses and projects the Light Vehicle Fans & Blowers market for the global and regional markets including Asia-Pacific, Europe, North America, South America and Rest of World. The regional markets further analyzed for 41 independent countries across Asia-Pacific – Australia, China, India, Indonesia, Japan, Korea,

Malaysia, Pakistan, the Philippines, Taiwan and Thailand; Europe – Austria, Belarus, Belgium, Czech Republic, Finland, France, Germany, Hungary, Italy, the Netherlands, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden and the UK; North America – Canada, Mexico and the United States; South America – Argentina, Brazil and Venezuela; and Rest of World – Russia, South Africa, Turkey, Ukraine and Uzbekistan.

This global light vehicle fans & blowers market research report includes 858 charts (includes a data table and graphical representation for each chart), supported with meaningful and easy to understand graphical presentation, of market numbers. The statistical tables represent the data for the global light vehicle fans & blowers market value in USD and volume in units by geographic region, vehicle segment and product segment. The report profiles 32 major market players across Asia-Pacific – 22; Europe – 6; and North America – 4. The research also provides the listing of the companies engaged in manufacturing and supply of light vehicle engine cooling fan modules, fans, HVAC systems and blowers. The global list of companies covers addresses, contact numbers and the website addresses of 328 companies.

Light Vehicle Production and Fans & Blowers Consumption - A Global Snapshot



SAMPLE COMPANY PROFILE

DENSO CORPORATION (JAPAN)

1-1, Showa-cho, Kariya, Aichi 448-8661, Japan

Phone: +81-566-25-5511

Website: www.denso.co.jp, www.globaldenso.com

Business Profile

Denso Corp, founded in 1949 and based in Aichi, Japan, is a major global provider of automotive technology, systems and components for leading auto manufacturers, with the company's sales in 2014 reaching US\$35.9 billion. The company has employee strength of 146,000 working in 220 group companies. Denso is active in supplying products for the automotive and non-automotive industries, with automotive products comprising air conditioners, heaters, electrical & electronic devices, fuel management systems and ITS devices and non-automotive products including consumer products and factory automation products such as compact robots.

Automotive Operations

Operating Unit	Particulars
Powertrain Control Systems	Engaged in developing and manufacturing products for hybrid and electric vehicles, gasoline and diesel engine management systems and components, powertrain control systems, starters and power-generation systems such as alternators
Electronic Systems	Engaged in developing and manufacturing semiconductor sensors, microelectronic devices such as ICs, and electronics products such as engine electronic control units (ECUs)
Thermal Systems	Engaged in developing and manufacturing car and bus air conditioning systems, cooling systems and components such as radiators and cooling fans
Information & Safety Systems	Engaged in developing and manufacturing ITS (Intelligent Transport System) products such as car navigation and ETC (Electronic Toll Collection) systems, telematics products, driving control and safety products (airbags sensors and ECUs), body electronics and meters
Small Motors	Engaged in developing and manufacturing motors for windshield wiper systems, power windows, power seats, power sliding doors, power steering, engine control systems and other automotive systems

Product Portfolio

The Thermal Systems business operation of Denso develops and manufactures car and bus air conditioning systems, cooling systems and components such as radiators and cooling fans. Major products and solutions offered by this division include air-conditioning systems for cars, radiators, cooling fans, inter coolers, oil coolers, engine cooling modules, reserve tanks, engine cooling module, air-conditioning systems for buses and construction equipment, truck refrigeration units and air purifiers.

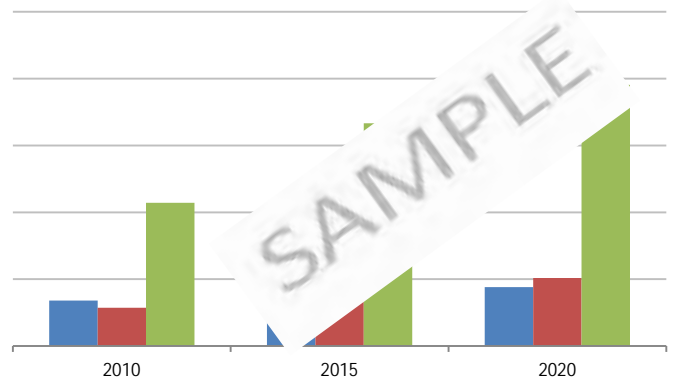
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SAMPLE TABLE/CHART

Glance at 2020 Global Light Vehicle Fans & Blowers Volume Market Share (%) Analysis by Vehicle Type - Light Truck, Mini Van, MPV, MPV Compact, Sedan, Small Car, SUV, SUV Compact and Van



North American Light Vehicle Engine Cooling Electric Fans Market Analysis (2010-2020) by Region - Canada, Mexico and United States in '000 Units



KEY PLAYERS PROFILED

- Air International Thermal Systems
- Borgwarner Inc.
- Brose Fahrzeugteile GmbH & Co KG
- Calsonic Kansei Corporation
- DENSO Corporation
- Doowon Climate Control Co Ltd
- Hanon Systems Corp. Formerly Halla Visteon Climate Control Corp.
- Horton Holding, Inc.
- Johnson Electric Group
- Keihin Corporation
- Korea Delphi Automotive Systems Corporation (KDAC)
- Mahle Behr GmbH & Co. KG
- Mitsubishi Heavy Industries Ltd
- Sanden Holding Corporation
- SPAL Automotive Srl
- Valeo SA
- Xinxiang Aviation Industry (Group) Co Ltd

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