

Automotive Thermostat Valve Market is growing at a CAGR of 4.1% from 2024 to 2030 by Exactitude Consultancy

The Exactitude Consultancy Automotive Thermostat Valve Market Report – Size, Trends, and Forecast 2024-2030

LUTON, BEDFORDSHIRE, UNITED KINGDOM, March 27, 2024 /EINPresswire.com/ -- ****Everything You Need to Know About <u>Automotive</u> <u>Thermostat Valve</u> everything is Here....!



information for the major players, geographies, applications, and product categories for the years 2024 to 2030. The Market study includes comprehensive insights on the competitive environment, description, broad product portfolio of key players, SWOT analysis, and significant business strategy implemented by rivals, revenue, Porters Five Forces Analysis, and sales

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The demand for automotive thermostat valves remains robust, driven by the need for efficient engine cooling systems and stricter emission regulations." *Exactitude Consultancy* projections. The report also features an impact analysis of the market dynamics, highlighting the factors currently driving and limiting market growth, and the impact they could have on the short, medium, and long-term outlook. The main goal of the paper is to further illustrate how the latest scenario, the economic slowdown, and war events affect the market for Automotive Thermostat Valve.

BorgWarner Inc., GmbH, Mahle GmbH, Gates Corporation, Valeo SA, Stant Corporation, TAMA Corporation, Hella KGaA Hueck & Co., Nippon Thermostat Co. Ltd., Fishman Thermo Technologies Ltd., MotoRad LLC, Kirpart, Vernet SAS, BG Automotive Ltd., Ltd., Ningbo Xingci Thermal Electric Appliances Co., Ltd.

FEB 09, 2023: BorgWarner will provide innovative battery cooling plates to a prominent German vehicle manufacturer in Europe and the United States for the carmaker's next wave of electric cars. When compared to other options, the BorgWarner cooling plates provide more cooling capability in a smaller package with less weight and expense. In addition, the plate construction accounts for manufacturing tolerances.

16 May 2022: HELLA, a global car provider, received the first large-volume production order for its new Coolant Control Hub. (CCH). HELLA's CCH is an innovative subsystem that guarantees highly effective thermal control in electric cars. Series production is scheduled to begin in 2024 at HELLA's electronics facility in San José Iturbide, Mexico, with starting supply from a major foreign car manufacturer. The work is being done in the worldwide HELLA network, which includes Northville, USA, and the company's base in Lippstadt, Germany.

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Solenoid Water Valves

Electric Water Valves

Under Pressure Water Valves

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Passenger Car

Commercial Vehicle

Automotive valves are among the integral components which are important for vehicle functioning and are irreplaceable (having no substitute). For instance, a gasoline engine cylinder uses approximately four valves for inlet and exhaust function. The number of valves used, size, shape, and material can differ for different engine designs, but the valves are necessarily used to complete the seamless functioning of the engine. As discussed earlier, a standard car contains around 40–60 valves, which are irreplaceable. The growth of valves is directly linked to the vehicle production. An increase in the level of production causes uplift in demand for valves. The Indian and Chinese automobile markets are witnessing higher growth as compared to other countries due to changing demographics and improving economy at large. In year 2021, the passenger car production in China stood at 21.4 million units, while commercial vehicle production was 4.7 million. India recorded the total vehicle production at around 22.7 million units.

Solenoids are used in several applications in modern cars to improve their performance and efficiency. A few of the major applications are Door locks and trunk release , Starter solenoid functions, automatic transmission control, dual-clutch transmission control, turbocharger control, and variable valve timing, EGR control, evaporative emission control (EVAP) system, fuel ignition coils, and engine fuel shut off valve, ABS, air suspension system, and HVAC system, Increasing consumer preference for new improved transmission systems, such as AMT, DCT, and CVT, which provide an enhanced driving experience with better control and acceleration of the vehicle is expected to support the demand for solenoids. This is mainly because transmission systems enable real-time control of torque with each gearshift. The friction losses created during the shifting of gears are reduced, and they are quickly synchronized with the torque required for the new gear, which, in turn, increases the time taken for the torque to synchronize with the new gear. This has further improved the fuel efficiency of vehicles along with the elimination of any scope for human error as most of the work while shifting the gears is controlled by sensors, solenoids, and computers.

Over the year, the cost of raw material has increased. For instance, in year 2021-22, the cost of

key raw material such as pig iron and steel have risen 35-40% year on year in April-December. The increase in the cost of raw material is restraining the market growth of automotive valves market. Steel makes up 39% of the average car, whereas aluminum makes up 11%. The rise in raw material costs has been focused on high steel prices; according to a Bank of America analysis released last month, the average cost per pound of steel used in automobile manufacture has risen 106 percent year over year. Given the large steel content of the average vehicle, this is "quite concerning," according to the analysis. The impact of increased material costs is projected to fall on suppliers and original equipment manufacturers (OEMs), with the latter bearing even more indirect expenses from the former.

North America has the biggest global automotive thermostat market share, owing to the use of sophisticated technology and the desire for high-performance luxury vehicles. Asia-specific nations such as China and India are growing their thermostat markets, and significant development in the global car thermostat market is anticipated as a result of increased employment prospects and new technologies. By implementing automotive thermostats in various fields, Europe will contribute to the worldwide expansion of the automotive thermostat industry. Over the forecast period, the prognosis for the automotive thermostat market is favorable.

To study and analyze the global market size (value & volume) by company, key regions/countries, products and application, history data, and forecast to 2030.

To understand the structure of market by identifying its various sub segments.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).

Focuses on the key global manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, SWOT analysis and development plans in next few years.

To analyze the growth trends, future prospects, and their contribution to the total market.

To project the value and volume of submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.

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analyzes the market for various segments across geographies.

geographies, recent developments, and investments in the Automotive Thermostat Valve

Which companies are expanding litanies of products with the aim to diversify product portfolio?

Which companies have drifted away from their core competencies and how have those impacted the strategic landscape of the Automotive Thermostat Valve market?

Which companies have expanded their horizons by engaging in long-term societal considerations?

Which firms have bucked the pandemic trend and what frameworks they adopted to stay resilient?

What are the marketing programs for some of the recent product launches?

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