

South America Automotive Charge Air Cooler Market Forecast to 2028 - COVID-19 Impact and Regional Analysis - Type (Air-Cooled Charge Air Cooler and Liquid-Cooled Charge Air Cooler), Fuel Type (Gasoline and Diesel), Core Type (Tube, Fin, bar and Plate), and Vehicle Type (Passenger Cars, LCV, Trucks and Buses)

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Report description:

The automotive charge air cooler market in SAM is expected to grow from US\$ 85.13 million in 2022 to US\$ 97.28 million by 2028. It is estimated to grow at a CAGR of 2.2% from 2022 to 2028.

Rise in demand for downsized engines

Shifting focus of countries towards fuel-efficient vehicles and government norms to promote fuel-efficient and environmental-friendly vehicles is driving the automotive charge air cooler market. Major automotive companies have been engaged in improving the existing engine technology through substantial R&D investments. This is likely to further boost the scope of improving performance and extending technology to a wide class of vehicle at a more compact size. Introduction of the standards is likely to act as a major opportunity for the adoption of charge air cooler technology.

Market Overview

The COVID-19 pandemic impacted South America hard, an area characterized by terrible national politics, a lack of good education in some subregions, and widespread poverty in several countries. The region's automobile industry, which is heavily reliant on imports and exports for revenue, suffered a financial setback due to the global transportation stop. Due to national politics and social movements, South America, particularly Brazil and Argentina, had a massive cash infusion into the automotive industry from 2013 to 2015. Due to COVID-19, this cash inflow was suspended. With the global lockdown lifting, the industry aims

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to climb back up the ladder and move toward greater sustainability. Furthermore, regional market participants are collaborating to increase their market share in the region. For instance, the Brazilian Antitrust Authority approved the formation of a joint venture between Fras-le, a Randon Company, a manufacturer of friction material products, and Federal-Mogul Motorparts, a global manufacturer and distributor of quality automotive parts, on December 7, 2017. The joint venture will focus on manufacturing and distributing premium turbo engine products to original equipment vehicle manufacturers and aftermarket customers in the light vehicle markets in Brazil. The JURID do Brasil Sistemas Automotivos Ltda joint venture will begin operations on January 8, 2018. Fras-le will hold around 80% of the company, while Federal-Mogul Motorparts will own 19.9%. Hence, mergers and acquisitions of this kind are likely to increase the market in the region.

SAM Automotive Charge Air Cooler Market Revenue and Forecast to 2028 (US\$ Million)

SAM Automotive Charge Air Cooler Market Segmentation

The SAM automotive charge air cooler market is segmented into type, fuel type, core type, vehicle type, and country. Based on type, the market is segmented into air cooled charge air cooler and liquid cooled charge air cooler. The air cooled charge air cooler segment registered a larger market share in 2022.

Based on fuel type, the SAM automotive charge air cooler market is segmented into gasoline and diesel. The diesel segment registered a larger market share in 2022. Based on core type, the SAM automotive charge air cooler market is segmented into tube, fin, bar and plate. The fin segment registered the largest market share in 2022. Based on vehicle type, the SAM automotive charge air cooler market is segmented into passenger cars, LCV, trucks and buses. The passenger cars segment registered the largest market share in 2022. Based on country, the market is segmented into Brazil, Argentina, and Rest of SAM. South Africa dominated the market share in 2022. AKG Group, Dana Limited, Delphi Technologies Plc (BORGWARNER INC.), DuPont, Hanon Systems, Mahle GmbH, Modine Manufacturing Company, and Valeo are the leading companies operating in the automotive charge air cooler market in the region.

Table of Contents:

TABLE OF CONTENTS

- 1. Introduction
 - 1.1 Study Scope
 - 1.2 The Insight Partners Research Report Guidance
 - 1.3 Market Segmentation
- 2. Key Takeaways
- 3. Research Methodology
 - 3.1 Coverage
 - 3.2 Secondary Research
 - 3.3 Primary Research
- 4. SAM Automotive Charge Air Cooler Market Landscape
 - 4.1 Market Overview
 - 4.2 SAM PEST Analysis
 - 4.3 Ecosystem Analysis
 - 4.4 Expert Opinion
- 5. SAM Automotive Charge Air Cooler Market - Key Industry Dynamics
 - 5.1 Market Drivers
 - 5.1.1 Rise in penetration of turbochargers in passenger cars
 - 5.1.2 Rise in demand for downsized engines

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- 5.2 Market Restraints
 - 5.2.1 Rising demand for electric vehicles
- 5.3 Market Opportunities
 - 5.3.1 Implementation of fuel-efficient engines
- 5.4 Future Trends
 - 5.4.1 3D printed water charge air cooler
- 5.5 Impact Analysis of Drivers and Restraints
- 6. Automotive Charge Air Cooler Market - SAM Analysis
 - 6.1 SAM Automotive Charge Air Cooler Market Overview
 - 6.2 SAM Automotive Charge Air Cooler Market Forecast and Analysis
- 7. SAM Automotive Charge Air Cooler Market Analysis - By Type
 - 7.1 Overview
 - 7.2 SAM Automotive Charge Air Cooler Market, By Type (2021 And 2028)
 - 7.3 Air-cooled Charge Air Cooler
 - 7.3.1 Overview
 - 7.3.2 Air-cooled Charge Air Cooler: Automotive Charge Air Cooler Market Revenue and Forecast To 2028 (US\$ Million)
 - 7.4 Liquid-Cooled Charge Air Cooler
 - 7.4.1 Overview
 - 7.4.2 Liquid-Cooled Charge Air Cooler: Automotive Charge Air Cooler Market Revenue and Forecast To 2028 (US\$ Million)
- 8. SAM Automotive Charge Air Cooler Market Revenue and Forecast to 2028 - Fuel Type
 - 8.1 Overview
 - 8.2 SAM Automotive Charge Air Cooler Market, By Fuel Type (2021 And 2028)
 - 8.3 Gasoline
 - 8.3.1 Overview
 - 8.3.2 Gasoline: Automotive Charge Air Cooler Market Revenue and Forecast To 2028 (US\$ Million)
 - 8.4 Diesel
 - 8.4.1 Overview
 - 8.4.2 Diesel: Automotive Charge Air Cooler Market Revenue and Forecast To 2028 (US\$ Million)
- 9. SAM Automotive Charge Air Cooler Market Revenue and Forecast to 2028 - Core Type
 - 9.1 Overview
 - 9.2 SAM Automotive Charge Air Cooler Market, By Core Type (2021 And 2028)
 - 9.3 Tube
 - 9.3.1 Overview
 - 9.3.2 Tube: Automotive Charge Air Cooler Market Revenue and Forecast To 2028 (US\$ Million)
 - 9.4 Fin
 - 9.4.1 Overview
 - 9.4.2 Fin: Automotive Charge Air Cooler Market Revenue and Forecast To 2028 (US\$ Million)
 - 9.5 Bar
 - 9.5.1 Overview
 - 9.5.2 Bar: Automotive Charge Air Cooler Market Revenue and Forecast To 2028 (US\$ Million)
 - 9.6 Plate
 - 9.6.1 Overview
 - 9.6.2 Plate: Automotive Charge Air Cooler Market Revenue and Forecast To 2028 (US\$ Million)
- 10. SAM Automotive Charge Air Cooler Market Revenue and Forecast to 2028 - Vehicle Type
 - 10.1 Overview
 - 10.2 SAM Automotive Charge Air Cooler Market, By Vehicle Type (2021 And 2028)
 - 10.3 Passenger cars

- 10.3.1 Overview
- 10.3.2 Passenger cars: Automotive Charge Air Cooler Market Revenue and Forecast To 2028 (US\$ Million)
- 10.4 LCV
 - 10.4.1 Overview
 - 10.4.2 LCV: Automotive Charge Air Cooler Market Revenue and Forecast To 2028 (US\$ Million)
- 10.5 Trucks
 - 10.5.1 Overview
 - 10.5.2 Trucks: Automotive Charge Air Cooler Market Revenue and Forecast To 2028 (US\$ Million)
- 10.6 Buses
 - 10.6.1 Overview
 - 10.6.2 Buses: Automotive Charge Air Cooler Market Revenue and Forecast To 2028 (US\$ Million)
- 11. SAM Automotive Charge Air Cooler Market - Country Analysis
 - 11.1 Overview
 - 11.1.1 SAM Automotive Charge Air Cooler Market Breakdown, by Country
 - 11.1.1.1 Brazil Automotive Charge Air Cooler Market, Revenue and Forecast to 2028
 - 11.1.1.1.1 Brazil Automotive Charge Air Cooler Market Breakdown, By Type
 - 11.1.1.1.2 Brazil Automotive Charge Air Cooler Market Breakdown, By Fuel Type
 - 11.1.1.1.3 Brazil Automotive Charge Air Cooler Market Breakdown, By Core Type
 - 11.1.1.1.4 Brazil Automotive Charge Air Cooler Market Breakdown, By Vehicle Type
 - 11.1.1.2 Argentina Automotive Charge Air Cooler Market, Revenue and Forecast to 2028
 - 11.1.1.2.1 Argentina Automotive Charge Air Cooler Market Breakdown, By Type
 - 11.1.1.2.2 Argentina Automotive Charge Air Cooler Market Breakdown, By Fuel Type
 - 11.1.1.2.3 Argentina Automotive Charge Air Cooler Market Breakdown, By Core Type
 - 11.1.1.2.4 Argentina Automotive Charge Air Cooler Market Breakdown, By Vehicle Type
 - 11.1.1.3 Rest of SAM Automotive Charge Air Cooler Market, Revenue and Forecast to 2028
 - 11.1.1.3.1 Rest of SAM Automotive Charge Air Cooler Market Breakdown, By Type
 - 11.1.1.3.2 Rest of SAM Automotive Charge Air Cooler Market Breakdown, By Fuel Type
 - 11.1.1.3.3 Rest of SAM Automotive Charge Air Cooler Market Breakdown, By Core Type
 - 11.1.1.3.4 Rest of SAM Automotive Charge Air Cooler Market Breakdown, By Vehicle Type
- 12. Industry Landscape
 - 12.1 Overview
 - 12.2 Market Initiative
 - 12.3 Merger and Acquisition
- 13. Company Profiles
 - 13.1 Dana Limited
 - 13.1.1 Key Facts
 - 13.1.2 Business Description
 - 13.1.3 Products and Services
 - 13.1.4 Financial Overview
 - 13.1.5 SWOT Analysis
 - 13.1.6 Key Developments
 - 13.2 Delphi Technologies Plc (BORGWARNER INC.)
 - 13.2.1 Key Facts
 - 13.2.2 Business Description
 - 13.2.3 Products and Services
 - 13.2.4 Financial Overview
 - 13.2.5 SWOT Analysis

13.2.6 Key Developments	
13.3 AKG Group	
13.3.1 Key Facts	
13.3.2 Business Description	
13.3.3 Products and Services	
13.3.4 Financial Overview	
13.3.5 SWOT Analysis	
13.3.6 Key Developments	
13.4 Hanon Systems	
13.4.1 Key Facts	
13.4.2 Business Description	
13.4.3 Products and Services	
13.4.4 Financial Overview	
13.4.5 SWOT Analysis	
13.4.6 Key Developments	
13.5 DuPont.	
13.5.1 Key Facts	
13.5.2 Business Description	
13.5.3 Products and Services	
13.5.4 Financial Overview	
13.5.5 SWOT Analysis	
13.5.6 Key Developments	
13.6 Mahle GmbH	
13.6.1 Key Facts	
13.6.2 Business Description	
13.6.3 Products and Services	
13.6.4 Financial Overview	
13.6.5 SWOT Analysis	
13.6.6 Key Developments	
13.7 Modine Manufacturing Company	
13.7.1 Key Facts	
13.7.2 Business Description	
13.7.3 Products and Services	
13.7.4 Financial Overview	
13.7.5 SWOT Analysis	
13.7.6 Key Developments	
13.8 Valeo	
13.8.1 Key Facts	
13.8.2 Business Description	
13.8.3 Products and Services	
13.8.4 Financial Overview	
13.8.5 SWOT Analysis	
13.8.6 Key Developments	
14. Appendix	
14.1 About The Insight Partners	
14.2 Word Index	

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