

South & Central America Heat Exchanger Market Forecast to 2030 - Regional Analysis - by Type (Shell and Tube, Plate and Frame, Air Cooled, and Others), Material (Steel, Copper, and Others), and Application (Energy, Chemical, Food and Beverages, HVACR, Pulp and Paper, and Others)

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Abstracts

The South & Central America heat exchanger market was valued at US\$ 675.81 million in 2022 and is expected to reach US\$ 1,062.66 million by 2030; it is estimated to grow at a CAGR of 5.8% from 2022 to 2030.

Integration of 3D Printing Technology with Heat Exchangers Fuel the South & Central America Heat Exchanger Market

3D printing or additive manufacturing is the development of a three-dimensional object from a digital file. The demand for 3D printing solutions is rising owing to advantages such as flexible design, rapid prototyping, print of demand, lightweight and robust parts, faster design and customized production, minimum waste, cost-effectiveness, and environment friendly. In addition, the rising awareness worldwide to use environment-friendly solutions and associated GHG emissions are encouraging heat exchanger providers to use this advancing technology to produce new products to meet the demand from various end user applications.

The growing need for efficient heat exchangers in crucial applications such as power generation systems, consumer electronics, and food and beverage manufacturing facilities contribute to the adoption of 3D printing technology. Thus, the integration of 3D printing technology with heat exchangers is likely to create opportunities for market players to meet the growing demand from various end user applications during the forecast period.

South & Central America Heat Exchanger Market Overview

The South & Central America (SAM) heat exchanger market is segmented into Brazil, Argentina, Colombia, and the Rest of South & Central America. The rise in population contributes to the demand for electricity. Per the World Population Review, the population of South & Central America is 439.71 million in 2023, and Brazil is the fifth most populous country in the world with a population of 210 million, which is further expected to reach 218 million by 2060. Thus, the increasing population across the region is boosting the demand for energy, leading to the development and expansion of power generation sources across South & Central America, which is generating the need for heat exchangers.

South & Central America Heat Exchanger Market Revenue and Forecast to 2030 (US\$ Million)

South & Central America Heat Exchanger Market Segmentation

The South & Central America heat exchanger market is segmented based on type, material, application, and country. Based on type, the South & Central America heat exchanger market is segmented into shell and tube, plate and frame, air cooled, and others. The shell and tube segment held the largest market share in 2022.

Based on material, the South & Central America heat exchanger market is segmented into steel, copper, and others. The steel segment held the largest market share in 2022.

Based on application, the South & Central America heat exchanger market is segmented into energy, chemical, food and beverages, HVACR, pulp and paper, and others. The energy segment held the largest market share in 2022.

Based on country, the South & Central America heat exchanger market is segmented into Brazil, Argentina, Columbia, and the Rest of South & Central America. Brazil dominated the South & Central America heat exchanger market share in 2022.

Alfa Laval AB, API Heat Transfer Inc, Chart Industries Inc, Danfoss AS, Guntner GmbH & Co KG, Johnson Controls International Plc, and Xylem Inc are some of the leading companies operating in the South & Central America heat exchanger market.

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