

South & Central America Brazed Plate Heat Exchangers Market Forecast to 2030 - Regional Analysis - by Product (Single Circuit and Multi Circuit), Application (Condenser, Economizer, Evaporator, and Others), and End-Use Industry (HVACR, Chemical, Food & Beverage, Power, Heavy Industries, IT & Telecommunication, and Others)

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Abstracts

The South & Central America brazed plate heat exchangers market was valued at US\$ 56.56 million in 2022 and is expected to reach US\$ 94.87 million by 2030; it is estimated to register a CAGR of 6.7% from 2022 to 2030.

Increasing Adoption of New Technologies Fuels South & Central America Brazed Plate Heat Exchangers Market

New technologies are creating new applications for brazed plate heat exchangers, making brazed plate heat exchangers more efficient and reliable. For example, brazed plate heat exchangers are being used in new types of energy storage systems and to recycle waste heat from industrial processes. Also, new brazing materials and manufacturing processes are making it possible to develop brazed plate heat exchangers that can withstand higher temperatures and pressures. Brazed plate heat exchangers are being used in thermal batteries, phase change material (PCM) storage systems, and other new types of energy storage systems. These energy storage systems can store heat or cold energy for later use, which can help to enhance energy efficiency and reduce energy costs. They are used to recycle waste heat from industrial processes. This waste heat can be used to generate electricity, heat buildings, or provide hot water for industrial processes. New brazing materials and manufacturing

processes are making it easy to develop brazed plate heat exchangers that can withstand higher temperatures and pressures. It is creating new opportunities for brazed plate heat exchangers in various industries, such as power generation, oil & gas, and petrochemicals. New technologies are creating applications for brazed plate heat exchangers, making them more efficient, reliable, and affordable. Thus, the increasing adoption of new technologies is likely to create a major opportunity for the brazed plate heat exchanger market in the coming years.

South & Central America Brazed Plate Heat Exchangers Market Overview

South & Central America is known for its well-established agricultural and food production. As urbanization accelerates and the population grows, the demand for processed and frozen foods increases. Many countries in South America export agricultural products, including fruits, vegetables, seafood, and meat. Industrial refrigeration equipment is essential for preserving these perishable products' freshness, quality, and safety throughout the supply chain. Efficient industrial refrigeration systems are necessary to meet international standards and ensure product quality during transport. According to Encyclopedia Britannica, Inc., South America's major exports are mostly primary commodities, including foodstuffs and fuels, plant products, and raw materials. The primary commodities are sugar, beef, bananas, cocoa, coffee, tobacco, corn, and wheat. Also, consumers are becoming more health-conscious and refraining from processed foods. This trend of fresh fruits and meat is driving the demand for refrigerated storage and display solutions in supermarkets, convenience stores, and food service outlets, which is propelling the growth of the market in the region.

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

South & Central America Brazed Plate Heat Exchangers Market Segmentation

The South & Central America brazed plate heat exchangers market is categorized into product, application, end-use industry, and country.

Based on product, the South & Central America brazed plate heat exchangers market is bifurcated into single circuit and multi circuit. The multi circuit segment held a larger market share in 2022.

In terms of application, the South & Central America brazed plate heat exchangers market is segmented into condenser, economizer, evaporator, and others. The

evaporator segment held the largest market share in 2022.

By end-use industry, the South & Central America brazed plate heat exchangers market is segmented into HVACR, chemical, food & beverage, power, heavy industries, IT & telecommunication, others. The HVACR segment held the largest market share in 2022.

By country, the South & Central America brazed plate heat exchangers market is segmented into Brazil, Argentina, and the Rest of South & Central America. Brazil dominated the South & Central America brazed plate heat exchangers market share in 2022.

Alfa Laval AB, Chart Industries Inc, Danfoss AS, Paul Mueller Co, and Xylem Inc are among the leading companies operating in the South & Central America brazed plate heat exchangers market.

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