

Middle East & Africa 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)

<https://marketpublishers.com/r/M503E454FEF1EN.html>

Date: June 2024

Pages: 77

Price: US\$ 2,485.00 (Single User License)

ID: M503E454FEF1EN

Abstracts

The Middle East & Africa brazed plate heat exchangers market was valued at US\$ 95.96 million in 2022 and is expected to reach US\$ 169.20 million by 2030; it is estimated to register a CAGR of 7.3% from 2022 to 2030.

Increasing Focus on Compact and Lightweight Designs Bolsters Middle East & Africa Brazed Plate Heat Exchangers Market

Compact and lightweight brazed plate heat exchangers are more energy-efficient than traditional heat exchangers, making them a major choice for applications where energy efficiency is critical. Compact and lightweight brazed plate heat exchangers can be installed in spaces where traditional heat exchangers are unable to fit. This is important for applications in aerospace and marine industries, where space is limited. These exchangers are easy to transport and install, making them ideal for portable applications such as construction and disaster relief. Compact and lightweight brazed plate heat exchangers are used in aircraft to cool the engines and other systems, which helps to reduce the weight of the aircraft and improves fuel efficiency and performance. Similarly, these are used in ships to cool the engines and other systems that help to reduce the weight of the ship, which improves fuel efficiency and performance. In addition, compact and lightweight brazed plate heat exchangers are used in portable

construction equipment, such as air compressors and generators, as well as in mobile disaster relief units to provide hot water and heating equipment for victims. Increasing technological advancements are making it possible to develop brazed plate heat exchangers that are highly compact and lightweight for various industrial applications. As the need for energy-efficient solutions continues to grow, along with technological advancements, the demand for compact and lightweight brazed plate heat exchangers is expected to increase. Therefore, the increasing focus on the development of compact and lightweight designs is anticipated to fuel the brazed plate heat exchanger market in the coming years.

Middle East & Africa Brazed Plate Heat Exchangers Market Overview

The Middle East & Africa brazed plate heat exchanger market is segmented into South Africa, Saudi Arabia, the UAE, and the Rest of Middle East & Africa. The Middle East & Africa region has experienced significant industrial growth, particularly in sectors such as oil & gas, petrochemicals, and manufacturing. Brazed plate heat exchangers are utilized in various industrial processes, including heat recovery, condensation, and liquid cooling applications. In Saudi Arabia, oil & gas exploration companies are improving their cooling infrastructure facility operation by using the C3/C4 refrigeration system. For instance, in June 2023, Kuwait-based Heavy Engineering Industries & Shipbuilding Co. (HEISCO) revealed that a main contractor had awarded a significant contract to its branch in Saudi Arabia. The project holds a substantial value of SAR 500 million (US\$ 133.22 million) and entails the execution of civil and mechanical construction works for installing C3/C4 refrigeration units and storage tanks at Juaymah, located in Ras Tanura City, Saudi Arabia. These crucial components are likely to enhance the infrastructure and operations of the Juaymah Natural Gas Liquids Fractionation (JNGLF) facility. Such a project propels the adoption of industrial refrigeration equipment, such as brazed plate heat exchangers, in Saudi Arabia.

Middle East & Africa Brazed Plate Heat Exchangers Market Revenue and Forecast to 2030 (US\$ Million)

Middle East & Africa Brazed Plate Heat Exchangers Market Segmentation

The Middle East & Africa brazed plate heat exchangers market is categorized into product, application, end-use industry, and country.

Based on product, the Middle East & Africa 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 Middle East & Africa 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 Middle East & Africa 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 Middle East & Africa brazed plate heat exchangers market is segmented into South Africa, Saudi Arabia, the UAE, and the Rest of Middle East & Africa. The Rest of Middle East & Africa dominated the Middle East & Africa brazed plate heat exchangers market share in 2022.

Alfa Laval AB, Danfoss AS, Paul Mueller Co, SWEP International AB, and Xylem Inc are among the leading companies operating in the Middle East & Africa brazed plate heat exchangers market.

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