

Europe 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 Europe brazed plate heat exchangers market was valued at US\$ 364.64 million in 2022 and is expected to reach US\$ 699.86 million by 2030; it is estimated to register a CAGR of 8.5% from 2022 to 2030.

Increasing Usage of Brazed Plate Heat Exchangers in HVACR Industry Drives Europe Brazed Plate Heat Exchangers Market

Brazed plate heat exchangers are becoming increasingly popular in the HVACR industry due to their numerous advantages over traditional heat exchangers. Brazed plate heat exchangers can achieve thermal efficiencies of up to 95%, making them more efficient than other types of heat exchangers, such as shell-and-tube heat exchangers, which can lead to significant energy savings for HVACR applications. Brazed plate heat exchangers are much smaller and lighter than other types of heat exchangers, making them easier to install and transport. It is essential for HVACR applications, where space is often limited. Brazed plate heat exchangers are highly durable and reliable, making them ideal for demanding HVACR applications. They are also resistant to corrosion and fouling. Brazed plate heat exchangers are used in chillers and heat pumps to transfer heat between the refrigerant and the water or air that is being cooled or heated. Also, these are used in air handlers to transfer heat between

the hot or cold water that is being circulated and the air that is being supplied to the building. Various companies are launching these exchangers for HVACR applications. In 2021, Trane launched a new line of air handlers that use brazed plate heat exchangers. These air handlers are more efficient and reliable than traditional air handlers, and they provide superior indoor air quality. Also, in 2022, Daikin launched a new line of condensing units that use brazed plate heat exchangers. These condensing units are more efficient and reliable than traditional condensing units, and they operate more quietly. Hence, the increasing usage of brazed plate heat exchangers in the HVACR industry is anticipated to create a substantial opportunity for the brazed plate heat exchanger market in the coming years.

Europe Brazed Plate Heat Exchangers Market Overview

The Europe brazed plate heat exchanger market is segmented into Germany, France, Italy, Russia, the UK, and the Rest of Europe. Several players across Europe are launching brazed plate heat exchangers. For instance, as of February 2022, Alfa Laval launched the Alfa Laval AC540 brazed plate heat exchanger with designs that are particularly optimized to work with R32, CO₂, and other low-GWP refrigerants. The product addresses the changes that are reshaping the quickly evolving world of refrigerants.

Moreover, there is a wide presence of key players in the region. For example, Kelvion Holding GmbH manufactures customized brazed plate heat exchanger solutions for a wide variety of applications. The manufactured products are used in various applications such as heating/hot water systems, district heating systems, evaporators, sub coolers, capacitors, economizers, and oil coolers. Thus, such product developments by manufacturers of brazed plate heat exchangers propelled the growth of the brazed plate heat exchanger market.

Europe Brazed Plate Heat Exchangers Market Revenue and Forecast to 2030 (US\$ Million)

Europe Brazed Plate Heat Exchangers Market Segmentation

The Europe brazed plate heat exchangers market is categorized into product, application, end-use industry, and country.

Based on product, the Europe 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 Europe 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 Europe 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 Europe brazed plate heat exchangers market is segmented into Germany, France, Italy, Russia, the UK, and the Rest of Europe. Germany dominated the Europe brazed plate heat exchangers market share in 2022.

Alfa Laval AB, Chart Industries Inc, Danfoss AS, Kelvion Holding GmbH, Paul Mueller Co, SWEP International AB, and Xylem Inc are among the leading companies operating in the Europe brazed plate heat exchangers market.

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