

Europe Hydronic Balancing Valves Market Forecast to 2031 – Regional Analysis – by Type (Static Balancing Valves, Fixed-Orifice Balancing Valves, Automatic Balancing Valves, and Pressure-Independent Flow Control Valves), Connection Type (Flanged, Threaded, and Others), Size (Less than 5 Inches, 6-10 Inches, 11-20 Inches, and Above 20 Inches), and Application (Residential, Commercial, and Industrial)

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Abstracts

The Europe hydronic balancing valves market was valued at US\$ 317.13 million in 2023 and is expected to reach US\$ 509.78 million by 2031; it is estimated to register a CAGR of 6.1% from 2023 to 2031.

Growing Application of Hydronic Balancing Valves for HVAC Systems in Oil & Gas Industry Drives Europe Hydronic Balancing Valves Market

In the oil & gas industry, hydronic balancing valves primarily helps in regulating and balancing liquid flow. These valves help ensure that each heating or cooling circuit receives the appropriate amount of liquid flow, allowing optimal performance and energy efficiency. With the rapid rise in industrialization, the demand for oil and gas has grown substantially across the globe.

In November 2021, Equinor, a petroleum refining company, announced an investment of US\$ 8.8 billion for the progress of Wisting petroleum discovery in the Arctic Barents Sea, the northernmost oilfield of the world. The Russian Government has also announced its strategy to escalate the LNG production capacity to ~140 million ton per

year by 2035. Moreover, with the ever-increasing emphasis on reducing carbon emissions, governments of several nations are supporting gas-powered power plants over coal-powered power plants, as natural gas emits less carbon than coal; this boosts the demand for natural gas. Further, the HVAC system plays a crucial role in the oil & gas industry to ensure proper working conditions for an equipment. Oil and gas factories use HVAC with appropriate designs focused on improving productivity and ensuring safety in hazardous environments. These facilities contain sensitive machinery and equipment that require controlled temperatures for optimal performance and longevity. HVAC design helps regulate these conditions, preventing equipment damage and downtime. Hydronic balancing valves are a crucial component used in HVAC systems. Thus, the growing application of hydronic balancing valves for HVAC systems in the oil & gas industry drives the market.

Europe Hydronic Balancing Valves Market Overview

Germany, France, Italy, the UK, and Russia are among the major economies in Europe. The increasing adoption of energy-efficient HVAC systems across the region propels the application of hydronic balancing valves across different European countries. The demand for HVAC systems for heating or cooling is rising due to increasing requirements in industrial, commercial building spaces, and residential areas, which drives the Europe hydronic balancing valves market in Europe. An upsurge in new residential building construction, growth in disposable income, increase in average construction expenses, rapid urbanization across several European economies, and rise in government expenses on sustainable building developments are major factors driving the adoption of HVAC systems in Europe, which propels the demand for hydronic balancing valves. The regulations formed by the governments in Europe in accordance with energy efficiency and the rising preference for eco-friendly refrigerants in countries such as the UK, Germany, and France bolster the requirement for advanced HVAC systems, which is also fueling the growth of the Europe hydronic balancing valves market in Europe. The presence of hydronic balancing valve manufacturers such as Oventrop GmbH & Co. KG, Caleffi S.p.a., Frese A/S, and others contributes to the growth of the Europe hydronic balancing valves market in Europe.

Europe Hydronic Balancing Valves Market Revenue and Forecast to 2031 (US\$ Million)

Europe Hydronic Balancing Valves Market Segmentation

The Europe hydronic balancing valves market is categorized into type, connection type, size, application, and country.

Based on type , the Europe hydronic balancing valves market is segmented into static balancing valves, fixed-orifice balancing valves, automatic balancing valves, and pressure-independent flow control valves. The static balancing valves segment held the largest market share in 2023.

In terms of connection type, the Europe hydronic balancing valves market is segmented into flanged, threaded, and others. The flanged segment held the largest market share in 2023.

By size, the Europe hydronic balancing valves market is segmented into less than 5 inches, 6-10 inches, 11- 20 inches, and above 20 inches. The less than 5 inches segment held the largest market share in 2023.

By application, the Europe hydronic balancing valves market is segmented into residential, commercial, and industrial. The residential segment held the largest market share in 2023.

By country, the Europe hydronic balancing valves market is segmented into Germany, Italy, France, the UK, Russia, and the Rest of Europe. Germany dominated the Europe hydronic balancing valves market share in 2023.

Caleffi S.p.a., Danfoss AS, Johnson Controls International Plc, Oventrop GmbH & Co. KG, Victaulic Company, and Xylem Inc. are some of the leading companies operating in the Europe hydronic balancing valves market.

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