

South & Central America 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 South & Central America hydronic balancing valves market was valued at US\$ 85.42 million in 2023 and is expected to reach US\$ 132.63 million by 2031; it is estimated to register a CAGR of 5.7% from 2023 to 2031.

Growing Application of Hydronic Balancing Valves for HVAC Systems in Oil & Gas Industry Fuels South & Central America Hydronic Balancing Valves Market

In the oil & gas industry, hydronic balancing valves primarily help 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. The crude oil production of the Organization of the Petroleum Exporting Countries (OPEC) has increased steadily from ~400,000 b/d in January 2016 to ~800,000 b/d by the end of Q2 of 2021. 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.

South & Central America Hydronic Balancing Valves Market Overview

The hydronic balancing valves market in South America (SAM) is segmented into Brazil, Argentina, and the Rest of South America. The usage of hydronic balancing valves in the region is steadily growing owing to numerous government initiatives to develop and promote the regional construction infrastructure. The rising demand for HVAC systems in the residential and industrial sectors propels the growth of the hydronic balancing valves market in South America.

Countries such as Brazil and Columbia across South America have the presence of a large number of international HVAC manufacturers. Therefore, it is vital to boost energy savings and customer flexibility. Hence, there is a growing demand for HVAC systems across countries such as Brazil, Argentina, Colombia, and others, which boosts the application of hydronic balancing valves.

According to the International Energy Agency (IEA), by 2050, two-thirds of the world's households are projected to have HVAC systems such as Central ACs, compressors, Thermostats, etc. Further, the Super-Efficient Equipment and Appliance Deployment (SEAD) Initiative promotes the manufacture, purchase, and use of energy-efficient appliances, including HVAC systems, which propels the growth of the hydronic balancing valves market in South America.

South & Central America Hydronic Balancing Valves Market Revenue and Forecast to 2031 (US\$ Million)

South & Central America Hydronic Balancing Valves Market Segmentation

The South & Central America hydronic balancing valves market is categorized into type, connection type, size, application, and country.

Based on type, the South & Central America 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 South & Central America hydronic balancing valves market is segmented into flanged, threaded, and others. The threaded segment held the largest market share in 2023.

By size, the South & Central America 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 South & Central America hydronic balancing valves market is segmented into residential, commercial, and industrial. The residential segment held the largest market share in 2023.

By country, the South & Central America hydronic balancing valves market is segmented into Brazil, Argentina, and the Rest of South & Central America. Brazil dominated the South & Central America 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 South & Central America hydronic balancing valves market.

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