

# Advanced HVAC Control Systems Market is growing at a CAGR of 8.3% and is projected to reach \$6.8 billion by 2032

*Trend for sustainable development, and rise in demand for building automation systems (BASs) drive the growth of the global advanced HVAC control systems market*

WILMINGTON, DE, UNITED STATES, March 3, 2025 /EINPresswire.com/ -- According to a new report published by Allied Market Research, titled, "Advanced HVAC Control Systems Market Size, Share, Growth, and Forecast by 2032," the market size for advanced HVAC control systems was valued at \$3.1 billion in 2022 and is projected to reach \$6.8 billion by 2032, growing at a CAGR of 8.3% from 2023 to 2032. These systems are among the latest technological advancements that enable the automation of HVAC equipment and related components, eliminating the need for human intervention.

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The adoption of advanced HVAC control systems is on the rise, and these systems can be installed in new buildings or retrofitted in older structures. In terms of installation type, the new installation segment held the largest market share in 2022, driven by the increasing number of new buildings in developing regions, particularly in Asia-Pacific. Meanwhile, the retrofit segment is expected to grow at a higher CAGR, particularly in developed regions such as North America and Europe. Government policies and building codes in these regions encourage building owners to improve energy efficiency, driving demand for retrofits of advanced HVAC control systems known for their ability to minimize energy waste.

By system type, the temperature control system segment dominated the market in 2022 in terms of revenue, while the integrated control system segment is projected to grow at a higher CAGR during the forecast period. Temperature control systems are crucial in regulating indoor climate, providing both heating and cooling functionalities. These systems are widely used in regions with extreme temperatures, including North America, Europe, and Asia-Pacific.

The market is segmented by application into residential, commercial, and industrial categories. In 2022, the commercial segment accounted for the highest market share, largely due to increasing urbanization and the need for energy efficiency. Advanced HVAC control systems in commercial buildings help optimize HVAC settings based on room conditions, reducing energy consumption. However, the residential segment is expected to dominate the market in terms of

CAGR during the forecast period, driven by rising disposable incomes that allow homeowners to invest in advanced technology.

The market's growth is primarily driven by the expansion of residential and commercial buildings utilizing advanced HVAC control systems. Additionally, countries worldwide are setting targets to reduce carbon emissions in the building sector, promoting the adoption of energy-efficient HVAC control systems. Despite these positive trends, the high cost of advanced HVAC control systems remains a barrier for some building owners. However, technological advancements that enhance user-friendliness are expected to provide [growth opportunities](#) in the market.

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In 2022, Asia-Pacific led the advanced HVAC control systems market in revenue, followed by Europe and North America. Asia-Pacific is also anticipated to grow at the highest CAGR during the forecast period, supported by growth in construction and industrial sectors in countries such as China, India, Malaysia, and Indonesia.

Nevertheless, market growth could be impacted by economic slowdowns in major countries, exacerbated by factors such as the Ukraine-Russia war. Inflation has already led to increased raw material costs, slowing down construction projects and negatively affecting the advanced HVAC control systems market outlook.

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The report provides an in-depth analysis of current and emerging trends in the advanced HVAC control systems market.

By installation type, the new installation segment dominated the market in 2022, while the retrofit segment is projected to grow at a significant CAGR.

By system type, temperature control systems held the highest market share in 2022.

By application, the commercial segment generated the highest revenue in 2022, while the residential segment is expected to witness the highest CAGR.

Asia-Pacific is projected to register the [highest growth rate](#) during the forecast period.

The competitive landscape of the advanced HVAC control systems market is thoroughly analyzed, offering insights into key player strategies.

The report provides an extensive analysis of current trends and emerging opportunities in the market.

Forecasts and estimations for key segments between 2023 and 2032 offer valuable insights into market growth potential.

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