

Metals in HVAC Systems Market Size, Share & Trends Analysis Report By Application (Residential, Commercial, Industrial), By Metal (Steel, Aluminum, Copper), By Region (North America, Europe, Asia Pacific, Latin America, Middle East & Africa), And Segment Forecasts, 2026 - 2033

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Abstracts

Metals in HVAC Systems Market Summary

The global metals in HVAC systems market size was valued at USD 41.47 billion in 2025 and is projected to reach USD 65.76 billion by 2033, growing at a CAGR of 5.9% from 2026 to 2033. The market is witnessing substantial growth driven by rising demand for energy-efficient HVAC systems, rapid urbanization, and increasing investments in commercial and residential infrastructure.

Expanding construction activities, coupled with growing adoption of advanced heating and cooling technologies, are further boosting the consumption of metals such as steel, aluminum, and copper across HVAC components globally.

Increasing investments in infrastructure development, commercial construction, and energy-efficient systems are contributing significantly to the expansion of the global metals in the HVAC system market. The growing demand for advanced heating, ventilation, and cooling solutions across residential, commercial, and industrial sectors is driving the consumption of metals such as steel, aluminum, and copper. In addition, the rising installation of HVAC metal air duct systems across commercial complexes, airports, hospitals, and industrial facilities is further supporting metal demand due to the requirement for durable and corrosion-resistant ducting materials.

Sustainability trends are playing an important role in shaping the metals used in HVAC systems industry, particularly as end-use sectors shift toward energy-efficient and low-carbon building solutions. Aluminum is increasingly used in HVAC heat exchangers, coils, and HVAC linesets due to its lightweight properties and recyclability, while copper continues to support high-efficiency thermal transfer applications. Manufacturers are also adopting lightweight designs and improved fabrication techniques aimed at reducing material usage and improving system efficiency. In addition, the long lifecycle and recyclability of HVAC metals support their growing adoption in green buildings and environmentally conscious infrastructure projects.

Global Metals in HVAC Systems Market Report Segmentation

This report forecasts revenue growth at global, regional, and country levels and provides an analysis of the latest industry trends in each of the sub-segments from 2021 to 2033. For this study, Grand View Research has segmented the metals in HVAC systems market report based on application, metal, and region:

Application Outlook (Revenue, USD Million, 2021 - 2033)

Residential

Commercial

Industrial

Metal Outlook (Revenue, USD Million, 2021 - 2033)

Steel

Aluminum

Copper

Others

Regional Outlook (Revenue, USD Million, 2021 - 2033)

North America

U.S.

Canada

Mexico

Europe

Germany

UK

Italy

France

Asia Pacific

China

India

Japan

South Korea

Latin America

Brazil

Middle East & Africa

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