

Global Variable Air Volume (VAV) Systems Market Size study, by Type (Single-duct VAV, Dual-duct VAV, Induction VAV, Fan-powered VAV), Application (Commercial building, Industrial building, Residential building), and Regional Forecasts 2021-2027

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Abstracts

Global Variable Air Volume (VAV) Systems Market is valued approximately USD 12.54 billion in 2020 and is anticipated to grow with a healthy growth rate of more than 6.3% over the forecast period 2021-2027. Variable Air Volume (VAV) Systems are the type of energy-efficient HVAC system which distribute the air flow by optimizing the amount and temperature. The global Variable Air Volume (VAV) Systems market is driven by increasing investments to expand infrastructural development. For instance, in August 2021, The Falls Township Board invested USD 1.5 billion into the transformation of the next phase of NorthPoint development project in U.S. which includes supporting office buildings and warehouse facilities. The market growth is also to be driven by rising urbanization which supports the growth of commercial buildings as well as residential buildings. For instance, according to the United Nations Department of Economic and Social Affairs in 2018, around 55% of the world's population lives in urban area and it expected to reach 68% by 2050. However, high cost of the product and availability of the affordable alternative substitutes hampers the growth of the market over the forecast period of 2021-2027. Furthermore, increasing favorable government initiatives to promote infrastructural development, technological advancements by the manufacturers, increasing extreme climatic conditions and expanding end uses such as automotive, commercial & residential, industries are expected to create opportunity for Variable Air Volume (VAV) Systems market growth over the forecast period.

The geographical analysis of the global Variable Air Volume (VAV) Systems market is studied for major regions such as Asia Pacific, North America, Europe, Latin America,

and the Rest of the World. Asia-Pacific is the dominating region across the world in terms of market share and is also anticipated to exhibit the highest growth rate over the forecast period 2021-2027 due to favorable government initiatives, increasing electric vehicles production & sales, rising industrialization & urbanization and adoption of advanced technologies in the region.

Major market player included in this report are:

Ingersoll Rand (Ireland)
Honeywell International Ltd (US)
United Technologies Corporation (US)
Daikin Industries Ltd.(Japan)
Johnson Controls(US)
Siemens(Germany)
Emerson Electric Co(US)
TROX(Germany)
DAIKIN INDUSTRIES, Ltd.,(Japan)
KMC Controls(US)

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and Vehicle Type offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Single-duct VAV

Dual-duct VAV

Induction VAV

Fan-powered VAV

By Application:

Commercial building

Industrial building

Residential building

By Region:

North America

U.S.
Canada
Europe
UK
Germany
France
Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019

Base year – 2020

Forecast period – 2021 to 2027

Target Audience of the Global Variable Air Volume (VAV) Systems Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

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