Variable Air Volume Systems Market by Type (Single Duct VAV, Dual Duct VAV, Induction VAV, and Fan Powered VAV), Application (Residential Buildings, Industrial Buildings, Commercial Buildings) - Global Forecast to 2021

Description:
"High demand from HVAC systems in commercial buildings driving the Variable Air Volume (VAV) systems market"

The global market for variable air volume (VAV) systems is projected to reach USD 13.44 billion by 2021, at a CAGR of 6.56% from 2016 to 2021. Increasing demand from the HVAC systems in commercial buildings is the major driver for the VAV systems market. Lower awareness about VAV systems restricts the market and is a major restraint for the global VAV systems market. The global VAV systems market is expected to grow with the increasing demand for HVAC systems in major economies such as India, China, Japan, the U.S., the Middle East, and others.

"Commercial buildings, the fastest-growing application for variable air volume systems"

The growth of the global VAV systems market is mainly due to the increasing demand for the use of VAV systems in the HVAC systems used in commercial, industrial, and residential buildings. Commercial buildings are the fastest-growing application for VAV systems products. The Asia-Pacific region is the fastest-growing region for the application of VAV systems, as the various countries in Asia, mainly India and China are growing at a rapid pace and expanding exponentially with a high growth in the numbers of commercial buildings such as hotels, offices, and malls.

"Asia-Pacific, the largest and fastest-growing market for variable air volume systems"

The Asia-Pacific region is the largest market for VAV systems globally, with China leading the market. The market in the region is also witnessing the highest growth rate, which is attributed to the rapid economic expansion the region is undergoing.

This study has been validated through primary interviews conducted with various industry experts globally. The breakdown of primary interviews on the basis of company type, designation, and region is given below:

- By Company Type - Tier 1 - 33%, Tier 2 - 59% and Tier 3 - 8%
- By Designation - Directors - 17%, C level - 25%, and Others - 58%
- By Region - Europe - 8%, Asia-Pacific - 67%, North America - 8%, Middle-East & Africa - 17%

The report also includes company profiles and competitive strategies adopted by the major market players such as United Technologies Corporation (U.S.), Honeywell International Inc. (U.S.), Ingersoll Rand Inc. (Ireland), KMC Controls (U.S.), Johnson Controls (U.S.), Emerson Electric Co. (U.S.), and Daikin Industries, Ltd. (Japan).

Research Coverage

This report covers the market for VAV systems by value and forecasts the market size till 2021. The report includes the market segmentation by type, application, and region. It also includes company profiles and competitive strategies adopted by the major market players in the global VAV systems market.

Reasons to buy the report:

- To understand the global, regional, and national scenarios
- To understand the market trends and dynamics along with the key factors affecting it
- To identify the present and upcoming market opportunities
- To identify the potential markets in various regions for variable air volume systems
- To track the recent developments in the variable air volume systems market
- To understand the competitive background of the industry, and positioning of participants in the market
6.5.1 Introduction
6.5.2 Patent Analysis of Variable Air Volume Systems Market, By Type
6.5.3 Patent Analysis of Variable Air Volume Market, By Application
6.5.4 Patent Analysis of Variable Air Volume Market, By Region

7 Variable Air Volume Market, By Type
7.1 Introduction
7.2 Market Size & Projection
7.3 Single Duct Variable Air Volume Systems
7.4 Dual Duct Variable Air Volume Systems
7.5 Induction Variable Air Volume Systems
   7.6.1.1 Series Flow
   7.6.1.2 Parallel Flow

8 Variable Air Volume Market, By Application
8.1 Introduction
8.2 Residential Buildings
   8.2.1 Commercial Buildings
   8.2.2 Industrial Buildings

9 Variable Air Volume Market, By Region
9.1 Introduction
9.2 North America
   9.2.1 U.S.
   9.2.2 Canada
   9.2.3 Mexico
9.3 Middle East & Africa
   9.3.1 UAE
   9.3.2 Saudi Arabia
   9.3.3 Nigeria
   9.3.4 Rest of the Middle East & Africa
9.4 Asia-Pacific
   9.4.1 China
   9.4.2 India
   9.4.3 Japan
   9.4.4 South Korea
   9.4.5 Indonesia
   9.4.6 Rest of Asia-Pacific
9.5 Europe
   9.5.1 Western Europe
      9.5.1.1 Germany
      9.5.1.2 U.K.
      9.5.1.3 France
      9.5.1.4 Rest of Western Europe
   9.5.2 Central & Eastern Europe
      9.5.2.1 Turkey
      9.5.2.2 Russia
      9.5.2.3 Rest of Central & Eastern Europe
9.6 South America
   9.6.1 Brazil
   9.6.2 Argentina
   9.6.3 Rest of South America

10 Competitive Landscape
10.1 Overview
10.2 Market Share Analysis
10.3 New Product Launch: Most Popular Growth Strategy
10.4 Competitive Situation & Trends
   10.4.1 New Product Launches
   10.4.2 Expansions

11 Company Profiles
(Overview, Financial - , Products & Services, Strategy, and Developments)
11.1 United Technologies Corporation
11.2 Honeywell International Inc.
11.3 Johnson Controls
11.4 Emerson Electric Co.
11.5 Ingersoll Rand
11.6 Daikin Industries Ltd.
11.7 KMC Controls
11.8 KAD Air Conditioning
11.9 Barcol-Air Ltd.
11.10 Bion Safety Controls Pvt. Ltd

- Details Might Not Be Captured in Case of Unlisted Companies

List of Tables

Table 1 Variable Air Volume Market, By Type
Table 2 Variable Air Volume Market, By Application
Table 3 Trends and Forecast of GDP at Country Level, USD Billion (2015-2021)
Table 4 Trends and Forecast of Manufacturing Sector and Growth, USD Billion (2015-2021)
Table 5 Variable Air Volume Market Size, By Type, 2014-2021 (USD Million)
Table 6 Single Duct Variable Air Volume System Market Size, By Material Type, 2014-2021 (USD Million)
Table 7 Dual Duct Variable Air Volume System Market Size, By Region, 2014-2021 (USD Million)
Table 8 Induction Variable Air Volume Systems Market Size, By Region, 2014-2021 (USD Million)
Table 9 Fan Powered Variable Air Volume Systems Market Size, By Region, 2014-2021 (USD Million)
Table 10 Variable Air Volume Market Size, By Application, 2014-2021 (USD Million)
Table 11 Variable Air Volume Market Size in Residential Buildings Application, By Region, 2014-2021 (USD Million)
Table 12 Variable Air Volume Market Size in Commercial Buildings Application, By Region, 2014-2021 (USD Million)
Table 13 North America: Variable Air Volume Market Size, By Region, 2014-2021 (USD Million)
Table 14 North America: Variable Air Volume Market Size, By Type, 2014-2021 (USD Million)
Table 15 North America: Variable Air Volume Market Size, By Application, 2014-2021 (USD Million)
Table 16 U.S.: Variable Air Volume Market Size, By Type, 2014-2021 (USD Million)
Table 17 U.S.: Variable Air Volume Market Size, By Application, 2014-2021 (USD Million)
Table 18 Canada: Variable Air Volume Market Size, By Type, 2014-2021 (USD Million)
Table 19 Mexico: Variable Air Volume Market Size, By Type, 2014-2021 (USD Million)
Table 20 Mexico: Variable Air Volume Market Size, By Application, 2014-2021 (USD Million)
Table 21 Middle East & Africa: Variable Air Volume Market Size, By Type, 2014-2021 (USD Million)
Table 22 Middle East & Africa: Variable Air Volume Market Size, By Application, 2014-2021 (USD Million)
Table 23 UAE: Variable Air Volume Market Size, By Type, 2014-2021 (USD Million)
Table 24 UAE: Variable Air Volume Market Size, By Application, 2014-2021 (USD Million)
Table 25 South Africa: Variable Air Volume Market Size, By Type, 2014-2021 (USD Million)
Table 26 South Africa: Variable Air Volume Market Size, By Application, 2014-2021 (USD Million)
Table 27 Asia-Pacific: Variable Air Volume Market Size, By Type, 2014-2021 (USD Million)
Table 28 Asia-Pacific: Variable Air Volume Market Size, By Application, 2014-2021 (USD Million)
Table 29 China: Variable Air Volume Market Size, By Type, 2014-2021 (USD Million)
Table 30 China: Variable Air Volume Market Size, By Application, 2014-2021 (USD Million)
Table 31 India: Variable Air Volume Market Size, By Type, 2014-2021 (USD Million)
Table 32 India: Variable Air Volume Market Size, By Application, 2014-2021 (USD Million)
Table 33 Japan: Variable Air Volume Market Size, By Type, 2014-2021 (USD Million)
Table 34 Japan: Variable Air Volume Market Size, By Application, 2014-2021 (USD Million)
Table 35 South Korea: Variable Air Volume Market Size, By Type, 2014-2021 (USD Million)
Table 36 South Korea: Variable Air Volume Market Size, By Application, 2014-2021 (USD Million)
Table 37 Indonesia: Variable Air Volume Market Size, By Type, 2014-2021 (USD Million)
Table 38 Indonesia: Variable Air Volume Market Size, By Application, 2014-2021 (USD Million)
Table 39 Europe: Variable Air Volume Market Size, By Country, 2014-2021 (USD Million)
Table 40 Germany: Variable Air Volume Market Size, By Type, 2014-2021 (USD Million)
Table 41 Germany: Variable Air Volume Market Size, By Application, 2014-2021 (USD Million)
Table 51 Germany: Variable Air Volume Market Size, By Application, 2014-2021 (USD Million)
Table 52 U.K.: Variable Air Volume Market Size, By Type, 2014-2021 (USD Million)
Table 53 U.K.: Variable Air Volume Market Size, By Application, 2014-2021 (USD Million)
Table 54 France: Variable Air Volume Market Size, By Type, 2014-2021 (USD Million)
Table 55 France: Variable Air Volume Market Size, By Application, 2014-2021 (USD Million)
Table 56 Rest of Western Europe: Variable Air Volume Market Size, By Type, 2014-2021 (USD Million)
Table 57 Rest of Western Europe: Variable Air Volume Market Size, By Application, 2014-2021 (USD Million)
Table 58 Central & Eastern Europe: Variable Air Volume Market Size, By Country, 2014-2021 (USD Million)
Table 59 Turkey: Variable Air Volume Market Size, By Type, 2014-2021 (USD Million)
Table 60 Turkey: Variable Air Volume Market Size, By Application, 2014-2021 (USD Million)
Table 61 Russia: Variable Air Volume Market Size, By Type, 2014-2021 (USD Million)
Table 62 Russia: Variable Air Volume Market Size, By Application, 2014-2021 (USD Million)
Table 63 Rest of Central & Eastern Europe: Variable Air Volume Market Size, By Type, 2014-2021 (USD Million)
Table 64 Rest of Central & Eastern Europe: Variable Air Volume Market Size, By Application, 2014-2021 (USD Million)
Table 65 Rest of South America: Variable Air Volume Market Size, By Type, 2014-2021 (USD Million)
Table 66 South America: Variable Air Volume Market Size, By Type, 2014-2021 (USD Million)
Table 67 South America: Variable Air Volume Market Size, By Application, 2014-2021 (USD Million)
Table 68 Brazil: Variable Air Volume Market Size, By Type, 2014-2021 (USD Million)
Table 69 Brazil: Variable Air Volume Market Size, By Application, 2014-2021 (USD Million)
Table 70 Argentina: Variable Air Volume Market Size, By Type, 2014-2021 (USD Million)
Table 71 Argentina: Variable Air Volume Market Size, By Application, 2014-2021 (USD Million)
Table 72 Rest of South America: Variable Air Volume Market Size, By Type, 2014-2021 (USD Million)
Table 73 Rest of South America: Variable Air Volume Market Size, By Application, 2014-2021 (USD Million)
Table 74 New Product Launches, 2012-2016
Table 75 Expansions, 2012-2016

List of Figures

Figure 1 Variable Air Volume: Market Segmentation
Figure 2 Years Considered for the Study
Figure 3 Variable Air Volume Market: Research Design
Figure 5 Key Data From Primary Sources
Figure 8 Market Size Estimation: Top-Down Approach
Figure 9 Market Size Estimation: Bottom-Up Approach
Figure 10 Data Triangulation
Figure 11 Research Assumptions
Figure 12 Single Duct VAV to Dominate the Variable Air Volume Market, 2016-2021, (USD Billion)
Figure 13 Commercial Buildings to Dominate the Variable Air Volume Market, 2016-2021
Figure 14 North America Accounted for the Largest Share of Variable Air Volume Market, 2015
Figure 15 Moderate Growth in the Variable Air Volume Market, Between 2016 and 2021
Figure 16 Single Duct Variable Air Volume System to Be the Fastest-Growing Segment Between 2016 and 2021
Figure 17 Commercial Buildings Accounted for the Largest Share of Asia-Pacific Market, 2015
Figure 19 India to Emerge as A Lucrative Market Between 2016 and 2021
Figure 20 Variable Air Volume Market in Asia-Pacific to Witness High Growth
Figure 21 Variable Air Volume Market, By Region
Figure 22 Drivers, Restraints, Opportunities, and Challenges in the Variable Air Volume Market
Figure 23 Supply Chain Analysis of the Variable Air Volume Market
Figure 24 Porter's Five Forces Analysis
Figure 25 Trends and Forecast of GDP at Country Level, USD Billion (2015)
Figure 26 Contribution of Manufacturing Sector in GDP and Growth (USD Billion)
Figure 27 Induction VAV Systems are the Most Researched Type of VAV Systems, 2011-2016
Figure 30 Single Duct VAV Systems to Dominate Variable Air Volume Market, Between 2016 and 2021
Figure 31 North America to Be Largest Market of Single Duct VAV Systems, Between 2016 and 2021
Figure 32 North America to Be Largest Market for Dual Duct Variable Air Volume Systems, Between 2016 and 2021
Figure 33 North America to Be Largest Market for Induction VAV Systems, Between 2016 and 2021
Figure 34 North America to Be Largest Market for Fan Powered VAV System, Between 2016 and 2021
Figure 35 Commercial Buildings Overall Variable Air Volume Market in 2015
Figure 36 North America to Be the Largest Market for Residential Buildings Application in Variable Air Volume Market
Figure 37 Asia-Pacific to Be the Fastest-Growing Market for Commercial Buildings Application in Variable Air...
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Variable Air Volume Systems Market by Type (Single Duct VAV, Dual Duct VAV, Induction VAV, and Fan Powered VAV), Application (Residential Buildings, Industrial Buildings, Commercial Buildings) - Global Forecast to 2021
Web Address: http://www.researchandmarkets.com/reports/3945397/
Office Code: SC

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Product Format</th>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User</td>
<td>☐</td>
<td>USD 5650</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 5 Users</td>
<td>☐</td>
<td>USD 6650</td>
</tr>
<tr>
<td>Electronic (PDF) - Site License</td>
<td>☐</td>
<td>USD 8150</td>
</tr>
<tr>
<td>Electronic (PDF) - Enterprisewide</td>
<td>☐</td>
<td>USD 10000</td>
</tr>
</tbody>
</table>

* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title:  Mr ☐  Mrs ☐  Dr ☐  Miss ☐  Ms ☐  Prof ☐
First Name: __________________________________________ Last Name: ______________________________
Email Address: *_____________________________________
Job Title: __________________________________________
Organisation: _________________________________________
Address: ____________________________________________
City: _______________________________________________
Postal / Zip Code: ___________________________________
Country: ____________________________________________
Phone Number: _______________________________________
Fax Number: _________________________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:

Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:

Account number: 833 130 83
Sort code: 98-53-30
Swift code: ULSBIE2D
IBAN number: IE78ULSB98533083313083
Bank Address: Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: 

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp