

Variable Air Volume (VAV) Systems Market by Type (Single-duct VAV, Dual-duct VAV, Induction VAV, Fan-powered VAV), Application (Commercial building, Industrial building, Residential building), and Region - Global Forecast to 2024

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Abstracts

“Increasing demand from commercial buildings and industrial buildings to drive the overall growth of variable air volume (VAV) systems market”

The variable air volume (VAV) systems market size is expected to grow from USD 11.8 billion in 2019 to USD 16.0 billion by 2024, at a CAGR of 6.3% during the forecast period. The variable air volume (VAV) systems market is driven by various factors, such as high demand from commercial buildings and industrial buildings. The growth of these industries is anticipated to further propel the growth of the market over the forecast period. However, fluctuating raw material prices are likely to hinder the growth of the market.

Single-duct VAV systems to drive the global market during the forecast period

The variable air volume (VAV) systems market has been segmented based on types as single-duct, dual-duct, fan-powered, and induction based. Among these types, the single-duct segment accounted for the largest share of the market in 2018 and is likely to witness significant growth over the forecast period. The growth of single-duct VAV systems is also spurred by the growth of the building & construction industry, especially in APAC. Increasing population, growing urbanization, and shift of manufacturing facilities from North America and Europe to APAC have fueled the growth of building & construction and infrastructure activities. All such attributes are expected to drive the consumption of single-duct VAV systems.

Commercial buildings segment expected to hold the largest market share during the forecast period

Commercial buildings segment expected to hold the largest market share during the forecast period. Commercial buildings application is growing rapidly owing to the rising demand for variable air volume (VAV) systems in the hospitality sector, retail sector, offices, and warehouses. The increasing infrastructure spending is also expected to boost the installations of VAV systems.

North America is expected to record the highest growth rate during the forecast period

North America is expected to have the highest growth rate during the forecast period, due to the increasing usage of VAV systems in various end-use applications such as commercial, residential, and industrial buildings. US, Mexico, and Canada provide enormous opportunities for the Variable air volume (VAV) systems market due to the presence of a large manufacturing sector. On the other hand, Middle East and Africa are projected to hold the second-largest market size during the forecast period.

In-depth interviews were conducted with Chief Executive Officers (CEOs), marketing directors, other innovation and technology directors, and executives from various key organizations operating in the variable air volume (VAV) systems marketplace.

By Company Type - Tier 1: 35%, Tier: 45%, and Tier 3: 20%

By Designation - C Level: 35%, Managers: 25%, Others : 40%

By Region – North America: 45%, Europe: 20%, APAC: 30%, RoW: 5%

The variable air volume (VAV) systems market comprises major solution providers, such as 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), and Barcol Air Ltd. (Switzerland). The study includes an in-depth competitive analysis of these key players in the variable air volume (VAV) systems market, with their company profiles, recent developments, and key market strategies.

Research Coverage:

The report covers the Variable air volume (VAV) systems market based on type, application, and region. This study aims at estimating the size and future growth potential of the market across various segmentation types. It also includes an in-depth competitive analysis of the key market players, along with their profiles and key growth strategies.

Key Benefits of Buying the Report:

The report will help the market leaders/new entrants in this market with information on the closest approximations of the revenue numbers for the overall variable air volume (VAV) systems market and the sub-segments. This report will help stakeholders understand the competitive landscape and gain more insights to position their businesses better and to plan suitable go-to-market strategies. The report also helps stakeholders understand the pulse of the market and provides them with information on key market drivers, restraints, challenges, and opportunities.

Contents

1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 MARKET SCOPE
 - 1.3.1 VAV SYSTEMS MARKET: REGIONS COVERED
- 1.4 YEARS CONSIDERED FOR THE STUDY
- 1.5 CURRENCY
- 1.6 LIMITATIONS
- 1.7 STAKEHOLDERS

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
 - 2.1.1 SECONDARY DATA
 - 2.1.1.1 Key data from secondary sources
 - 2.1.2 PRIMARY DATA
 - 2.1.2.1 Key data from primary sources
 - 2.1.2.2 Key industry insights
 - 2.1.2.3 Breakdown of primary interviews
- 2.2 MARKET SIZE ESTIMATION
 - 2.2.1 TOP-DOWN APPROACH
 - 2.2.2 BOTTOM-UP APPROACH
- 2.3 MARKET BREAKDOWN AND DATA TRIANGULATION
 - 2.3.1 ASSUMPTIONS

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

- 4.1 ATTRACTIVE OPPORTUNITIES IN THE VAV SYSTEM MARKET
- 4.2 VAV SYSTEM MARKET, BY TYPE
- 4.3 VAV SYSTEM MARKET, BY APPLICATION AND REGION
- 4.4 VAV SYSTEM MARKET: MAJOR COUNTRIES

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

5.2.1 DRIVERS

5.2.1.1 Increasing construction activities, globally

5.2.1.2 Increasing awareness for reducing energy consumption

5.2.2 RESTRAINTS

5.2.2.1 Presence of alternative technologies

5.2.2.2 Low awareness about the VAV system

5.2.3 OPPORTUNITIES

5.2.3.1 Newer modifications in the VAV system

5.2.4 CHALLENGES

5.2.4.1 High product and installation costs

5.2.5 PORTER'S FIVE FORCES ANALYSIS

5.2.5.1 Bargaining power of suppliers

5.2.5.2 Threat of new entrants

5.2.5.3 Threat of substitutes

5.2.5.4 Bargaining power of buyers

5.2.5.5 Intensity of competitive rivalry

5.2.6 MACROECONOMIC INDICATORS

5.2.6.1 Introduction

5.2.6.2 Trends And Forecast Of GDP At Country Level

5.2.6.3 COUNTRIES ENGAGING IN MORE THAN 60% GREEN PROJECTS (2018 AND 2021)

5.2.6.4 SECTORS HAVING PLANNED GREEN ACTIVITY OVER THE NEXT THREE YEARS(2020–2022)

5.2.6.5 GROWTH RATE OF GLOBAL MANUFACTURING OUTPUT (QUARTER I, 2018)

5.2.7 SUPPLY CHAIN ANALYSIS

5.2.8 SALES CHANNEL AND COMPONENT DEFINITION

5.2.9 COMPONENT COST BREAKUP

5.2.9.1 Component Definitions

5.2.10 NEW CONSTRUCTION VS RETROFIT

6 VAV SYSTEM MARKET, BY TYPE

6.1 INTRODUCTION

6.2 SINGLE-DUCT VAV SYSTEM

6.2.1 THE USE OF SINGLE-DUCT VAV SYSTEM ENSURES REDUCED ENERGY CONSUMPTION, THEREBY CONTRIBUTING TO THE GLOBAL NEED FOR ENERGY

EFFICIENCY

6.3 DUAL-DUCT VAV SYSTEM

6.3.1 DUAL-DUCT VAV SYSTEM IS IDEAL FOR ALTERNATIVE VENTILATION AND HUMIDITY CONTROL

6.4 INDUCTION VAV SYSTEM

6.4.1 ONE OF THE MOST IMPORTANT ADVANTAGES OF THIS VAV SYSTEM IS THAT IT REQUIRES LOW MAINTENANCE

6.5 FAN-POWERED VAV SYSTEM

6.5.1 FAN-POWERED SERIES VAV SYSTEM

6.5.1.1 This type of VAV system is suitable for use in areas where constant CFM needs to be maintained

6.5.2 PARALLEL FAN-POWERED VAV SYSTEM

6.5.2.1 Parallel fan-powered VAV system functions at constant as well as variable temperature modes

7 VAV SYSTEM MARKET, BY APPLICATION

7.1 INTRODUCTION

7.2 COMMERCIAL BUILDING

7.2.1 OFFICES

7.2.1.1 The type of VAV system used in office buildings varies according to the size of the building

7.2.2 WAREHOUSE

7.2.2.1 Roof top single zone or single-duct VAV systems are used commonly in warehouses

7.2.3 HOSPITALITY

7.2.3.1 VAV system is used mainly for energy conservation depending on the occupancy level at a given point of time in hotels

7.2.4 RETAIL

7.2.4.1 Packaged roof top single zone or single-duct VAV systems are widely used in the retail sector

7.2.5 OTHERS

7.3 INDUSTRIAL BUILDINGS

7.3.1 THE ENERGY-EFFICIENT AND COST-EFFECTIVE NATURE OF THE VAV SYSTEM IS USEFUL IN INDUSTRIAL BUILDINGS

7.4 RESIDENTIAL BUILDING

7.4.1 MEA IS A PROMISING MARKET IN THE RESIDENTIAL BUILDING SEGMENT

8 VAV SYSTEM MARKET, BY REGION

8.1 INTRODUCTION

8.2 NORTH AMERICA

8.2.1 US

8.2.1.1 Industrial growth is driving the installation of VAV system

8.2.2 CANADA

8.2.2.1 The growing immigration rate is driving the VAV system installation in residential, commercial, and industrial buildings

8.2.3 MEXICO

8.2.3.1 Government initiatives to develop manufacturing industries are driving the market

8.3 MIDDLE EAST & AFRICA (MEA)

8.3.1 UAE

8.3.1.1 Growing building & construction is industry driving the installations of VAV system

8.3.2 SAUDI ARABIA

8.3.2.1 Government initiatives for the growth of the industrial sector are supporting the market growth

8.3.3 NIGERIA

8.3.3.1 The recovery of the economy and the growing construction industry are the key governing factors for the market

8.3.4 REST OF MEA

8.4 APAC

8.4.1 CHINA

8.4.1.1 Increasing demand for HVAC systems is likely to fuel the market

8.4.2 INDIA

8.4.2.1 Growing construction industry and smart city projects are expected to drive the market

8.4.3 JAPAN

8.4.3.1 Reconstruction activities and further economic growth are likely to provide opportunities for market growth

8.4.4 SOUTH KOREA

8.4.4.1 Upcoming Green city projects and the changing climatic conditions are expected to drive the demand for VAV system

8.4.5 INDONESIA

8.4.5.1 Growing infrastructural development and upcoming smart city projects are boosting the market

8.4.6 REST OF APAC

8.5 SOUTH AMERICA

8.5.1 BRAZIL

8.5.1.1 Recovery in construction activities is driving the installation of VAV systems

8.5.2 ARGENTINA

8.5.2.1 The expected rebound of the construction industry in the country will be helpful for market

8.5.3 REST OF SOUTH AMERICA

8.6 EUROPE

8.6.1 WESTERN EUROPE

8.6.1.1 GERMANY

8.6.1.1.1 The increasing awareness regarding energy consumption is likely to drive the market

8.6.1.2 UK

8.6.1.2.1 The growth in construction of commercial buildings is propelling the market

8.6.1.3 FRANCE

8.6.1.3.1 Growing construction activities and rising awareness regarding energy efficiency are likely to influence the market positively

8.6.1.4 REST OF WESTERN EUROPE

8.6.2 CENTRAL & EASTERN EUROPE

8.6.2.1 RUSSIA

8.6.2.1.1 Increase in the construction activities in the country is driving the market

8.6.2.2 TURKEY

8.6.2.2.1 Growing awareness regarding energy consumption and an increasing number of commercial buildings are expected to drive the market

8.6.2.3 REST OF CENTRAL & EASTERN EUROPE

9 COMPETITIVE LANDSCAPE

9.1 OVERVIEW

9.2 MARKET RANKING ANALYSIS

9.3 COMPETITIVE SCENARIO

9.3.1 EXPANSION

9.3.2 ACQUISITION

9.3.3 AGREEMENT & JOINT VENTURE

9.3.4 NEW PRODUCT LAUNCH

10 COMPANY PROFILES

(Business Overview, Products Offered, Recent Developments, SWOT Analysis, MnM View)*

- 10.1 JOHNSON CONTROLS
- 10.2 INGERSOLL RAND PLC
- 10.3 DAIKIN INDUSTRIES, LTD.
- 10.4 UNITED TECHNOLOGIES CORPORATION
- 10.5 EMERSON ELECTRIC CO.
- 10.6 HONEYWELL INTERNATIONAL INC.
- 10.7 SIEMENS
- 10.8 TROX GMBH
- 10.9 KMC CONTROLS
- 10.10 BARCOL-AIR

*Details on Business Overview, Products Offered, Recent Developments, SWOT Analysis, MnM View might not be captured in case of unlisted companies.

- 10.11 OTHER COMPANY PROFILES
 - 10.11.1 SCHNEIDER ELECTRIC
 - 10.11.2 SYSTEMAIR AB
 - 10.11.3 KAD AIRCONDITIONING
 - 10.11.4 METAL INDUSTRIES INC.
 - 10.11.5 SPECTRUM INDUSTRIES
 - 10.11.6 DYNACRAFT AIR CONTROLS
 - 10.11.7 HALTON GROUP
 - 10.11.8 ADVANCED AIR LIMITED
 - 10.11.9 WATERLOO AIR PRODUCTS PLC
 - 10.11.10 AIR MASTER EQUIPMENTS EMIRATES L.L.C.

11 APPENDIX

- 11.1 INSIGHTS FROM INDUSTRY EXPERTS
- 11.2 DISCUSSION GUIDE
- 11.3 KNOWLEDGE STORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL
- 11.4 AVAILABLE CUSTOMIZATIONS
- 11.5 RELATED REPORTS
- 11.6 AUTHOR DETAILS

List Of Tables

LIST OF TABLES

TABLE 1 TRENDS AND FORECAST OF GDP AT COUNTRY LEVEL, USD BILLION (2018–2024)

TABLE 2 COUNTRIES ENGAGING IN MORE THAN 60% GREEN PROJECTS (2018 AND 2021)

TABLE 3 VAV SYSTEM MARKET SIZE, BY TYPE, 2017–2024 (USD MILLION)

TABLE 4 SINGLE-DUCT VAV SYSTEM MARKET SIZE, BY REGION, 2017–2024 (USD MILLION)

TABLE 5 DUAL-DUCT VAV SYSTEM MARKET SIZE, BY REGION, 2017–2024 (USD MILLION)

TABLE 6 INDUCTION VAV SYSTEM MARKET SIZE, BY REGION, 2017–2024 (USD MILLION)

TABLE 7 FAN-POWERED VAV SYSTEM MARKET SIZE, BY REGION, 2017–2024 (USD MILLION)

TABLE 8 VAV SYSTEM MARKET SIZE, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 9 VAV SYSTEM MARKET IN COMMERCIAL BUILDING APPLICATION, 2017–2024 (USD MILLION)

TABLE 10 VAV SYSTEM MARKET SIZE IN COMMERCIAL BUILDING APPLICATION, BY REGION, 2017–2024 (USD MILLION)

TABLE 11 VAV SYSTEM MARKET SIZE IN INDUSTRIAL BUILDING APPLICATION, BY REGION, 2017–2024 (USD MILLION)

TABLE 12 VAV SYSTEM MARKET SIZE IN RESIDENTIAL BUILDING APPLICATION, BY REGION, 2017–2024 (USD MILLION)

TABLE 13 VAV SYSTEM MARKET SIZE, BY REGION, 2017–2024 (USD MILLION)

TABLE 14 VAV SYSTEM MARKET SIZE, BY TYPE, 2017–2024 (USD MILLION)

TABLE 15 VAV SYSTEM MARKET SIZE, BY FAN-POWERED TYPE, 2017–2024 (USD MILLION)

TABLE 16 VAV SYSTEM MARKET SIZE, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 17 VAV SYSTEM MARKET SIZE IN COMMERCIAL BUILDING APPLICATION, 2017–2024 (USD MILLION)

TABLE 18 NORTH AMERICA: VAV SYSTEM MARKET SIZE, BY COUNTRY, 2017–2024 (USD MILLION)

TABLE 19 NORTH AMERICA: VAV SYSTEM MARKET SIZE, BY TYPE, 2017–2024 (USD MILLION)

TABLE 20 NORTH AMERICA: VAV SYSTEM MARKET SIZE, BY FAN-POWERED TYPE,

2017–2024 (USD MILLION)

TABLE 21 NORTH AMERICA: VAV SYSTEM MARKET SIZE, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 22 NORTH AMERICA: VAV SYSTEM MARKET SIZE IN COMMERCIAL BUILDING APPLICATION, 2017–2024 (USD MILLION)

TABLE 23 US: VAV SYSTEM MARKET SIZE, BY TYPE, 2017–2024 (USD MILLION)

TABLE 24 US: VAV SYSTEM MARKET SIZE, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 25 CANADA: VAV SYSTEM MARKET SIZE, BY TYPE, 2017–2024 (USD MILLION)

TABLE 26 CANADA: VAV SYSTEM MARKET SIZE, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 27 MEXICO: VAV SYSTEM MARKET SIZE, BY TYPE, 2017–2024 (USD MILLION)

TABLE 28 MEXICO: VAV SYSTEM MARKET SIZE, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 29 MEA: VAV SYSTEM MARKET SIZE, BY COUNTRY, 2017–2024 (USD MILLION)

TABLE 30 MEA: VAV SYSTEM MARKET SIZE, BY TYPE, 2017–2024 (USD MILLION)

TABLE 31 MEA: VAV SYSTEM MARKET SIZE, BY FAN-POWERED TYPE, 2017–2024 (USD MILLION)

TABLE 32 MEA: VAV SYSTEM MARKET SIZE, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 33 MEA: VAV SYSTEM MARKET SIZE IN COMMERCIAL BUILDINGS APPLICATION, 2017–2024 (USD MILLION)

TABLE 34 UAE: VAV SYSTEM MARKET SIZE, BY TYPE, 2017–2024 (USD MILLION)

TABLE 35 UAE: VAV SYSTEM MARKET SIZE, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 36 SAUDI ARABIA: VAV SYSTEM MARKET SIZE, BY TYPE, 2017–2024 (USD MILLION)

TABLE 37 SAUDI ARABIA: VAV SYSTEM MARKET SIZE, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 38 NIGERIA: VAV SYSTEM MARKET SIZE, BY TYPE, 2017–2024 (USD MILLION)

TABLE 39 NIGERIA: VAV SYSTEM MARKET SIZE, BY APPLICATION, 2017–2024

(USD MILLION)

TABLE 40 REST OF MEA: VAV SYSTEM MARKET SIZE, BY TYPE, 2017–2024 (USD MILLION)

TABLE 41 REST OF MEA: VAV SYSTEM MARKET SIZE, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 42 APAC: VAV SYSTEM MARKET SIZE, BY COUNTRY, 2017–2024 (USD MILLION)

TABLE 43 APAC: VAV SYSTEM MARKET SIZE, BY TYPE, 2017–2024 (USD MILLION)

TABLE 44 APAC: VAV SYSTEM MARKET SIZE, BY FAN-POWERED TYPE, 2017–2024 (USD MILLION)

TABLE 45 APAC: VAV SYSTEM MARKET SIZE, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 46 APAC: VAV SYSTEM MARKET SIZE IN COMMERCIAL BUILDING APPLICATION, 2017–2024 (USD MILLION)

TABLE 47 CHINA: VAV SYSTEM MARKET SIZE, BY TYPE, 2017–2024 (USD MILLION)

TABLE 48 CHINA: VAV SYSTEM MARKET SIZE, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 49 INDIA: VAV SYSTEM MARKET SIZE, BY TYPE, 2017–2024 (USD MILLION)

TABLE 50 INDIA: VAV SYSTEM MARKET SIZE, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 51 JAPAN: VAV SYSTEM MARKET SIZE, BY TYPE, 2017–2024 (USD MILLION)

TABLE 52 JAPAN: VAV SYSTEM MARKET SIZE, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 53 SOUTH KOREA: VAV SYSTEM MARKET SIZE, BY TYPE, 2017–2024 (USD MILLION)

TABLE 54 SOUTH KOREA: VAV SYSTEM MARKET SIZE, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 55 INDONESIA: VAV SYSTEM MARKET SIZE, BY TYPE, 2017–2024 (USD MILLION)

TABLE 56 INDONESIA: VAV SYSTEM MARKET SIZE, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 57 REST OF APAC: VAV SYSTEM MARKET SIZE, BY TYPE, 2017–2024 (USD MILLION)

TABLE 58 REST OF APAC: VAV SYSTEM MARKET SIZE, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 59 SOUTH AMERICA: VAV SYSTEM MARKET SIZE, BY COUNTRY, 2017–2024 (USD MILLION)

TABLE 60 SOUTH AMERICA: VAV SYSTEM MARKET SIZE, BY TYPE, 2017–2024 (USD MILLION)

TABLE 61 SOUTH AMERICA: VAV SYSTEM MARKET SIZE, BY FAN-POWERED TYPE, 2017–2024 (USD MILLION)

TABLE 62 SOUTH AMERICA: VAV SYSTEM MARKET SIZE, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 63 SOUTH AMERICA: VAV SYSTEM MARKET SIZE IN COMMERCIAL BUILDING APPLICATION, 2017–2024 (USD MILLION)

TABLE 64 BRAZIL: VAV SYSTEM MARKET SIZE, BY TYPE, 2017–2024 (USD MILLION)

TABLE 65 BRAZIL: VAV SYSTEM MARKET SIZE, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 66 ARGENTINA: VAV SYSTEM MARKET SIZE, BY TYPE, 2017–2024 (USD MILLION)

TABLE 67 ARGENTINA: VAV SYSTEM MARKET SIZE, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 68 REST OF SOUTH AMERICA: VAV SYSTEM MARKET SIZE, BY TYPE, 2017–2024 (USD MILLION)

TABLE 69 REST OF SOUTH AMERICA: VAV SYSTEM MARKET SIZE, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 70 EUROPE: VAV SYSTEM MARKET SIZE, BY COUNTRY, 2017–2024 (USD MILLION)

TABLE 71 EUROPE: VAV SYSTEM MARKET SIZE, BY TYPE, 2017–2024 (USD MILLION)

TABLE 72 EUROPE: VAV SYSTEM MARKET SIZE, BY FAN-POWERED TYPE, 2017–2024 (USD MILLION)

TABLE 73 EUROPE: VAV SYSTEM MARKET SIZE, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 74 EUROPE: VAV SYSTEM MARKET SIZE IN COMMERCIAL BUILDING APPLICATION, 2017–2024 (USD MILLION)

TABLE 75 GERMANY: VAV SYSTEM MARKET SIZE, BY TYPE, 2017–2024 (USD MILLION)

TABLE 76 GERMANY: VAV SYSTEM MARKET SIZE, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 77 UK: VAV SYSTEM MARKET SIZE, BY TYPE, 2017–2024 (USD MILLION)

TABLE 78 UK: VAV SYSTEM MARKET SIZE, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 79 FRANCE: VAV SYSTEM MARKET SIZE, BY TYPE, 2017–2024 (USD MILLION)

TABLE 80 FRANCE: VAV SYSTEM MARKET SIZE, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 81 REST OF WESTERN EUROPE: VAV SYSTEM MARKET SIZE, BY TYPE, 2017–2024 (USD MILLION)

TABLE 82 REST OF WESTERN EUROPE: VAV SYSTEM MARKET SIZE, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 83 RUSSIA: VAV SYSTEM MARKET SIZE, BY TYPE, 2017–2024 (USD MILLION)

TABLE 84 RUSSIA: VAV SYSTEM MARKET SIZE, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 85 TURKEY: VAV SYSTEM MARKET SIZE, BY TYPE, 2017–2024 (USD MILLION)

TABLE 86 TURKEY: VAV SYSTEM MARKET SIZE, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 87 REST OF CENTRAL & EASTERN EUROPE: VAV SYSTEM MARKET SIZE, BY TYPE, 2017–2024 (USD MILLION)

TABLE 88 REST OF CENTRAL & EASTERN EUROPE: VAV SYSTEM MARKET SIZE, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 89 EXPANSION, 2014–2019

TABLE 90 ACQUISITION, 2014–2019

TABLE 91 AGREEMENT & JOINT VENTURE, 2014–2019

TABLE 92 NEW PRODUCT LAUNCH, 2014–2019

List Of Figures

LIST OF FIGURES

FIGURE 1 VAV SYSTEM MARKET SEGMENTATION

FIGURE 2 VAV SYSTEM MARKET: RESEARCH DESIGN

FIGURE 3 VAV SYSTEM MARKET: TOP-DOWN APPROACH

FIGURE 4 VAV SYSTEM MARKET: BOTTOM-UP APPROACH

FIGURE 5 SINGLE-DUCT VAV TO BE THE LARGEST TYPE OF VAV SYSTEM

FIGURE 6 COMMERCIAL BUILDING TO BE THE LARGEST APPLICATION OF VAV SYSTEM

FIGURE 7 NORTH AMERICA ACCOUNTED FOR THE LARGEST MARKET SHARE IN 2018

FIGURE 8 INCREASING INVESTMENTS IN EMERGING COUNTRIES OF APAC TO DRIVE THE GLOBAL MARKET

FIGURE 9 SINGLE-DUCT VAV TO LEAD THE MARKET, 2019–2024

FIGURE 10 COMMERCIAL BUILDING AND NORTH AMERICA ACCOUNTED FOR THE LARGEST MARKET SHARE

FIGURE 11 UAE TO REGISTER THE HIGHEST CAGR IN THE MARKET

FIGURE 12 DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES IN THE VAV SYSTEM MARKET

FIGURE 13 HIGH THREAT OF SUBSTITUTES OWING TO A LARGE NUMBER OF ALTERNATIVE PRODUCTS IN THE VAV SYSTEM MARKET

FIGURE 14 VAV SYSTEM MARKET: SUPPLY CHAIN ANALYSIS

FIGURE 15 SALES CHANNEL BREAKUP

FIGURE 16 VAV SYSTEM MARKET: COMPONENT COST BREAKUP

FIGURE 17 VAV SYSTEM MARKET: NEW CONSTRUCTION VS RETROFIT

FIGURE 18 SINGLE-DUCT VAV SYSTEM TO BE THE FASTEST- GROWING SEGMENT OF THE MARKET

FIGURE 19 NORTH AMERICA TO BE THE LARGEST MARKET FOR SINGLE-DUCT VAV SYSTEM

FIGURE 20 NORTH AMERICA TO BE THE LARGEST MARKET FOR DUAL-DUCT VAV SYSTEM

FIGURE 21 NORTH AMERICA TO BE THE LARGEST MARKET FOR INDUCTION VAV SYSTEM

FIGURE 22 NORTH AMERICA TO BE THE LARGEST MARKET FOR FAN-POWERED VAV SYSTEM

FIGURE 23 COMMERCIAL BUILDING TO BE THE FASTEST-GROWING APPLICATION OF VAV SYSTEM

FIGURE 24 COMMERCIAL BUILDINGS TO BE THE LARGEST APPLICATION OF VAV SYSTEM IN NORTH AMERICA

FIGURE 25 INDUSTRIAL BUILDING TO BE THE LARGEST APPLICATION OF VAV SYSTEM IN NORTH AMERICA

FIGURE 26 RESIDENTIAL BUILDING TO BE THE LARGEST APPLICATION OF VAV SYSTEM IN NORTH AMERICA

FIGURE 27 INDIA AND THE UAE TO LEAD THE MARKET

FIGURE 28 NORTH AMERICA: VAV SYSTEM MARKET SNAPSHOT

FIGURE 29 MEA: VAV SYSTEM MARKET SNAPSHOT

FIGURE 30 APAC: VAV SYSTEM MARKET SNAPSHOT

FIGURE 31 SOUTH AMERICA: VAV SYSTEM MARKET SNAPSHOT

FIGURE 32 EUROPE: VAV SYSTEM MARKET SNAPSHOT

FIGURE 33 COMPANIES PRIMARILY ADOPTED EXPANSION AS THE KEY GROWTH STRATEGY BETWEEN 2014 AND 2019

FIGURE 34 MARKET RANKING OF KEY PLAYERS, 2018

FIGURE 35 JOHNSON CONTROLS: COMPANY SNAPSHOT

FIGURE 36 JOHNSON CONTROLS: SWOT ANALYSIS

FIGURE 37 INGERSOLL RAND PLC: COMPANY SNAPSHOT

FIGURE 38 INGERSOLL RAND PLC: SWOT ANALYSIS

FIGURE 39 DAIKIN INDUSTRIES: COMPANY SNAPSHOT

FIGURE 40 UNITED TECHNOLOGIES CORPORATION: COMPANY SNAPSHOT

FIGURE 41 UNITED TECHNOLOGIES CORPORATION: SWOT ANALYSIS

FIGURE 42 EMERSON ELECTRIC: COMPANY SNAPSHOT

FIGURE 43 EMERSON ELECTRIC: SWOT ANALYSIS

FIGURE 44 HONEYWELL INTERNATIONAL: COMPANY SNAPSHOT

FIGURE 45 HONEYWELL INTERNATIONAL: SWOT ANALYSIS

FIGURE 46 SIEMENS: COMPANY SNAPSHOT

FIGURE 47 SIEMENS: SWOT ANALYSIS

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