

Air Handling Units Market Size, Share, and Analysis, By Type (Packaged, Modular, Custom), By Business Type (New Equipment and Aftermarket), By Capacity (Less than 5,000 M3/h, 5,001 M3/h-15,000 M3/h, 15,001 M3/h-30,000 M3/h, and more than 30,000 M3/h), and By Application (Residential, Commercial, and Industrial), and By Region (North America, Europe, Asia-Pacific, And Rest of the World) And Regional Forecast 2024-2034

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Abstracts

Air Handling Units Market Size, Share, and Analysis, By Type (Packaged, Modular, Custom), By Business Type (New Equipment and Aftermarket), By Capacity (Less than 5,000 M3/h, 5,001 M3/h-15,000 M3/h, 15,001 M3/h-30,000 M3/h, and more than 30,000 M3/h), and By Application (Residential, Commercial, and Industrial), and By Region (North America, Europe, Asia-Pacific, And Rest of the World) And Regional Forecast 2024-2034

PRODUCT OVERVIEW

Air Handling Units Market is anticipated to exhibit a Compound Annual Growth Rate (CAGR) of 6.2% during the forecast span from 2024 to 2034. In 2023, the market size was assessed at USD 12.3 billion and is projected to reach USD 23.8 billion by the completion of 2034.

Air handling units (AHUs) are essential components of HVAC systems which are used to manage and circulate air throughout spaces including offices, hospitals, and

industrial facilities. These units consist of various elements such as filters, fans, coils, and dampers, that are essential for preserving the purity of the indoor air. They perform several activities, including drawing in outside air, filtering it to enhance air quality, conditioning it via coils, and distributing it throughout the building. The filtering process removes dust, allergens, and pollutants, resulting in better indoor environments. Meanwhile, fans help to circulate air, while dampers control airflow and guide conditioned air to specified places. Therefore, AHUs create optimal indoor conditions for residents and industrial procedures, by ensuring sufficient ventilation, temperature, and air purification. Their well-coordinated operation supports HVAC system efficiency while maintaining comfortable and healthful surroundings.

MARKET HIGHLIGHTS

Air Handling Units Market is projected to achieve USD 23.8 billion during the forecast period, owing to increased demand for efficient HVAC systems across diverse industries. This surge is driven by growing awareness regarding indoor air quality, energy efficiency regulations, and the requirement for improved ventilation systems. Additionally, the market observed significant developments such as increasing inclination toward energy-efficient AHUs that contain modern innovations such as heat recovery systems, variable air volume controls, and smart sensors to improve efficiency. Moreover, healthcare, industrial, and data centers, collectively make significant contributions to market growth by providing superior air quality and accurate temperature management. Furthermore, businesses across the world are prioritizing healthier indoor environments and energy-saving solutions, which is driving continuous innovation and technological improvements in AHU systems. Therefore, the trajectory of this market indicates that it will continue to expand as need for efficient HVAC systems remains a global priority.

Air Handling Units Market Segments:

By Type

Packaged

Modular

Custom

By Business Type

New Equipment

Aftermarket

By Capacity

Less than 5,000 M3/h

5,001 M3/h-15,000 M3/h

15,001 M3/h-30,000 M3/h

More than 30,000 M3/h

By Application

Residential

Commercial

Industrial

MARKET DYNAMICS

Growth Drivers

Growing Need for Energy-Saving Solutions Will Open Up New Business Prospects

Developing Commercial Infrastructure Will Create New Opportunities for Growth

Restraint

Concerns about high initial implementation costs may limit market growth

Key Players

Daikin Industries Ltd.

Carrier Global Corporation

Trane Technologies plc

Johnson Controls International plc

Mitsubishi Electric Corporation

Systemair AB

LG Electronics Inc.

Lennox International Inc.

FlaktGroup Holding GmbH

Munters Group AB

Nortek Air Solutions

Sabiana S.p.A.

Wolf GmbH

Biddle B.V.

CIAT Group

Other Prominent Players (Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis)

Global Laboratory Temperature Control Units Market is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey and Rest of Europe

Asia Pacific Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia and Rest of APAC

Middle East and Africa Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa and Rest of MENA

Reasons to Purchase this Report

Qualitative and quantitative analysis of the market based on segmentation involving both economic as well as non-economic factors

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry with

respect t%li%recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market of various perspectives through Porter's five forces analysis

Provides insight int%li%the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years t%li%come

3-month post-sales analyst support.

Contents

1.EXECUTIVE SUMMARY

- 1.1. Regional Market Share
- 1.2.Business Trends
- 1.3. Air Handling Units Market: COVID-19 Outbreak
- 1.4. Regional Trends
- 1.5. Segmentation Snapshot

2. RESEARCH METHODOLOGY

- 2.1.Research Objective
- 2.2. Research Approach
- 2.3. Data Sourcing and Methodology
- 2.4.Primary Research
- 2.5.Secondary Research
 - 2.5.1.Paid Sources
 - 2.5.2. Public Sources
- 2.6. Market Size Estimation and Data Triangulation

3. MARKET CHARACTERISTICS

- 3.1.Market Definition
- 3.2.Air Handling Units Market: COVID-19 Impact
- 3.3. Key Segmentations
- 3.4.Key Developments
- 3.5.Allied Industry Data

4.AIR HANDLING UNITS MARKET – INDUSTRY INSIGHTS

- 4.1. Industry Segmentation
- 4.2.COVID-19 overview on world economy
- 4.3.Industry ecosystem Channel analysis
- 4.4.Innovation & Sustainability

5. MACROECONOMIC INDICATORS

6. RECENT DEVELOPMENTS

7. MARKET DYNAMICS

- 7.1.Introduction
- 7.2. Growth Drivers
- 7.3. Market Opportunities
- 7.4.Market Restraints
- 7.5. Market Trends

8.RISK ANALYSIS

9. MARKET ANALYSIS

- 9.1.Porters Five Forces
- 9.2. PEST Analysis
 - 9.2.1.Political
 - 9.2.2. Economic
 - 9.2.3. Social
 - 9.2.4. Technological

10.AIR HANDLING UNITS MARKET

- 10.1.Overview
- 10.2. Historical Analysis (2019-2022)
 - 10.2.1. Market Size, Y-o-Y Growth (%) and Market Forecast

11. AIR HANDLING UNITS MARKET SIZE & FORECAST 2024A-2034F

- 11.1. Overview
- 11.2.Key Findings
- 11.3.Market Segmentation
 - 11.3.1.By Type
 - 11.3.1.1. Packaged
 - 11.3.1.1.1.By Value (USD Million) 2024-2034F
 - 11.3.1.1.2. Market Share (%) 2024-2034F
 - 11.3.1.1.3. Y-o-Y Growth (%) 2024-2034F
 - 11.3.1.2.Modular
 - 11.3.1.2.1. By Value (USD Million) 2024-2034F
 - 11.3.1.2.2.Market Share (%) 2024-2034F

- 11.3.1.2.3.Y-o-Y Growth (%) 2024-2034F
- 11.3.1.3.Custom
 - 11.3.1.3.1. By Value (USD Million) 2024-2034F
 - 11.3.1.3.2.Market Share (%) 2024-2034F
 - 11.3.1.3.3.Y-o-Y Growth (%) 2024-2034F
- 11.3.2. By Business Type
 - 11.3.2.1.New Equipment
 - 11.3.2.1.1. By Value (USD Million) 2024-2034F
 - 11.3.2.1.2.Market Share (%) 2024-2034F
 - 11.3.2.1.3.Y-o-Y Growth (%) 2024-2034F
 - 11.3.2.2. Aftermarket
 - 11.3.2.2.1.By Value (USD Million) 2024-2034F
 - 11.3.2.2.2. Market Share (%) 2024-2034F
 - 11.3.2.2.3. Y-o-Y Growth (%) 2024-2034F
- 11.3.3.By Capacity
 - 11.3.3.1.Less than 5000 M3/h
 - 11.3.3.1.1. By Value (USD Million) 2024-2034F
 - 11.3.3.1.2.Market Share (%) 2024-2034F
 - 11.3.3.1.3.Y-o-Y Growth (%) 2024-2034F
 - 11.3.3.2. 5001-15,000 M3/h
 - 11.3.3.2.1.By Value (USD Million) 2024-2034F
 - 11.3.3.2.2. Market Share (%) 2024-2034F
 - 11.3.3.2.3. Y-o-Y Growth (%) 2024-2034F
 - 11.3.3.3. 15,000-30,000 M3/h
 - 11.3.3.3.1.By Value (USD Million) 2024-2034F
 - 11.3.3.3.2. Market Share (%) 2024-2034F
 - 11.3.3.3.3. Y-o-Y Growth (%) 2024-2034F
 - 11.3.3.4. More than 30,000 M3/h
 - 11.3.3.4.1.By Value (USD Million) 2024-2034F
 - 11.3.3.4.2. Market Share (%) 2024-2034F
 - 11.3.3.4.3. Y-o-Y Growth (%) 2024-2034F
- 11.3.4.By Application
 - 11.3.4.1.Residential
 - 11.3.4.1.1. By Value (USD Million) 2024-2034F
 - 11.3.4.1.2.Market Share (%) 2024-2034F
 - 11.3.4.1.3.Y-o-Y Growth (%) 2024-2034F
 - 11.3.4.2. Commercial
 - 11.3.4.2.1.By Value (USD Million) 2024-2034F
 - 11.3.4.2.2. Market Share (%) 2024-2034F

- 11.3.4.2.3. Y-o-Y Growth (%) 2024-2034F
- 11.3.4.3. Industrial
 - 11.3.4.3.1. By Value (USD Million) 2024-2034F
 - 11.3.4.3.2. Market Share (%) 2024-2034F
 - 11.3.4.3.3. Y-o-Y Growth (%) 2024-2034F

12. NORTH AMERICA AIR HANDLING UNITS MARKET SIZE & FORECAST 2024A-2034F

- 12.1. Overview
- 12.2. Key Findings
- 12.3. Market Segmentation
 - 12.3.1. By Type
 - 12.3.2. By Business Type
 - 12.3.3. By Capacity
 - 12.3.4. By Application
- 12.4. Country
 - 12.4.1. United States
 - 12.4.2. Canada

13. EUROPE AIR HANDLING UNITS MARKET SIZE & FORECAST 2024A-2034F

- 13.1. Overview
- 13.2. Key Findings
- 13.3. Market Segmentation
 - 13.3.1. By Type
 - 13.3.2. By Business Type
 - 13.3.3. By Capacity
 - 13.3.4. By Application
- 13.4. Country
 - 13.4.1. Germany
 - 13.4.2. United Kingdom
 - 13.4.3. France
 - 13.4.4. Italy
 - 13.4.5. Spain
 - 13.4.6. Russia
 - 13.4.7. Rest of Europe (BENELUX, NORDIC, Hungary, Turkey & Poland)

14. ASIA-PACIFIC AIR HANDLING UNITS MARKET SIZE & FORECAST

2024A-2034F

- 14.1. Overview
- 14.2. Key Findings
- 14.3. Market Segmentation
 - 14.3.1. By Type
 - 14.3.2. By Business Type
 - 14.3.3. By Capacity
 - 14.3.4. By Application
- 14.4. Country
 - 14.4.1. India
 - 14.4.2. China
 - 14.4.3. South Korea
 - 14.4.4. Japan
 - 14.4.5. Rest of APAC

15. MIDDLE EAST AND AFRICA AIR HANDLING UNITS MARKET SIZE & FORECAST 2024A-2034F

- 15.1. Overview
- 15.2. Key Findings
- 15.3. Market Segmentation
 - 15.3.1. By Type
 - 15.3.2. By Business Type
 - 15.3.3. By Capacity
 - 15.3.4. By Application
- 15.4. Country
 - 15.4.1. Israel
 - 15.4.2. GCC
 - 15.4.3. North Africa
 - 15.4.4. South Africa
 - 15.4.5. Rest of Middle East and Africa

16. LATIN AMERICA AIR HANDLING UNITS MARKET SIZE & FORECAST 2024A-2034F

- 16.1. Overview
- 16.2. Key Findings
- 16.3. Market Segmentation

- 16.3.1.By Type
- 16.3.2. By Business Type
- 16.3.3. By Capacity
- 16.3.4. By Application
- 16.4.Country
 - 16.4.1. Mexico
 - 16.4.2. Brazil
 - 16.4.3. Rest of Latin America

17. COMPETITIVE LANDSCAPE

- 17.1.Company market share, 2023
- 17.2. Key player overview
- 17.3. Key stakeholders

18. COMPANY PROFILES

- 18.1. Daikin Industries Ltd.
 - 18.1.1.Company Overview
 - 18.1.2.Financial Overview
 - 18.1.3.Key Product; Analysis
 - 18.1.4.Company Assessment
 - 18.1.4.1.Product Portfolio
 - 18.1.4.2.Key Clients
 - 18.1.4.3. Market Share
 - 18.1.4.4. Recent News & Development (Last 3 Yrs.)
 - 18.1.4.5. Executive Team
- 18.2. Carrier Global Corporation
- 18.3. Trane Technologies plc
- 18.4. Johnson Controls International plc
- 18.5. Mitsubishi Electric Corporation
- 18.6. Systemair AB
- 18.7. LG Electronics Inc.
- 18.8. Lennox International Inc.
- 18.9. Fl?ktGroup Holding GmbH
- 18.10. Munters Group AB
- 18.11.Nortek Air Solutions
- 18.12. Sabiana S.p.A.
- 18.13. Wolf GmbH

18.14. Biddle B.V.

18.15. CIAT Group

18.16. Other Prominent Players

19. APPENDIX

20. CONSULTANT RECOMMENDATION

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