

Middle East & Africa HVAC Controls Market Forecast to 2030 – Regional Analysis – by Component (Hardware and Software & Services), Installation Type (New Installation and Retrofit), System (Temperature Control System, Humidity Control System, Ventilation Control System, and Integrated Control System), and End User (Residential, Commercial, and Industrial)

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Abstracts

The Middle East & Africa HVAC controls market is expected to grow from US\$ 548.19 million in 2022 to US\$ 1,979.19 million by 2030. It is estimated to grow at a CAGR of 17.4% from 2022 to 2030.

Advancement in Green Technology Drive Middle East & Africa HVAC Controls Market
The Middle East & Africa HVAC controls market is undergoing a transformative shift driven by the integration of green technologies. With the rise of geothermal systems and smart thermostats, a shift is seen in the market. A sustainable approach to real estate development is becoming imperative, prompting HVAC professionals and property owners to prioritize environmentally friendly solutions. Energy efficiency has emerged as a paramount concern for both HVAC experts and consumers. This has sparked a growing interest in energy-efficient systems that promise substantial future cost savings. The trajectory of the HVAC industry is set to be shaped by the expansion of systems utilizing alternative heating fuels like electricity and hydrogen. This shift is fueled by heightened consumer awareness of environmental issues and the demand for eco-friendly products. Prominent manufacturers, including Daikin and Carrier, are actively pursuing cleaner solutions to cater to environmentally conscious consumers. Carrier's Hybrid Heat System, for instance, seamlessly integrates advanced control technology with versatile heat sources, allowing the system to dynamically switch between energy sources based on external weather conditions.

As green technologies continue to shape the industry, demand for HVAC controls is anticipated to surge in the forthcoming years, driven by the imperative of energy efficiency and sustainable practices.

Middle East & Africa HVAC Controls Market Overview

The Middle East & Africa HVAC controls market is segmented into South Africa, Saudi Arabia, the UAE, and the Rest of Middle East & Africa. The growing construction sector in the region is anticipated to support market growth. According to the Ministry of Development Planning and Statistics in Qatar, there are currently 106 hotels in the country—with four, five, and seven-star ratings. Furthermore, 13,733 guestrooms are currently under development and are expected to be operational by 2025. In addition, eight football stadiums are now under development; they are expected to be finished between 2021 and 2022. This will increase the need for HVAC systems in Qatar.

Variable refrigerant flow (VRF) systems are becoming increasingly popular in high-rise buildings due to their flexibility and lower utility costs in the Middle East & Africa. An inefficiently built HVAC system can produce poor air quality and uneven airflow when there are several tenants, leading to significant maintenance costs. VRF systems provide wholesome air, individualized control, and installation flexibility and abolish water piping requirements. A single outside unit is deployed with numerous indoor units to provide an effective ductless multi-split system, which also offers a solution to the challenging installation of ducted split systems in high-rise structures. The adoption of energy-efficient HVAC systems is a prominent trend in the Middle East & Africa. For instance, HVAC market players introduced energy-efficient systems that use less energy to help the UAE government reach Vision 2021. The adoption of such energy-efficient devices is essential to reduce CO₂ emissions and the effects of global warming. The organizations responsible for sustainable development policies include the Gulf Cooperation Council (GCC) and the African Union.

Middle East & Africa HVAC Controls Market Revenue and Forecast to 2030 (US\$ Million)

Middle East & Africa HVAC Controls Market Segmentation

The Middle East & Africa HVAC controls market is segmented into component, installation type, system, end user, and country.

Based on component, the Middle East & Africa HVAC controls market is bifurcated into hardware and software & services. In 2022, the hardware segment registered a larger share in the Middle East & Africa HVAC controls market. The hardware segment is further segmented into sensor, controllers, smart vents, and others.

Based on installation type, the Middle East & Africa HVAC controls market is bifurcated into new installation and retrofit. In 2022, the retrofit segment registered a larger share in the Middle East & Africa HVAC controls market.

Based on system, the Middle East & Africa HVAC controls market is segmented into

temperature control system, humidity control system, ventilation control system, and integrated control system. In 2022, the temperature control system segment registered the largest share in the Middle East & Africa HVAC controls market.

Based on end user industry, the Middle East & Africa HVAC controls market is segmented into residential, commercial, and industrial. In 2022, the commercial segment registered the largest share in the Middle East & Africa HVAC controls market.

Based on country, the Middle East & Africa HVAC controls market is segmented into Saudi Arabia, the UAE, South Africa, and the Rest of Middle East & Africa. In 2022, Saudi Arabia segment registered the largest share in the Middle East & Africa HVAC controls market.

Carrier Global Corporation; DAIKIN INDUSTRIES, Ltd.; Emerson Electric Co.; Honeywell International Inc.; Johnson Controls, Inc.; Schneider Electric SE; Siemens AG; and Lennox International Inc. are some of the leading companies operating in the Middle East & Africa HVAC controls market.

Contents

1. INTRODUCTION

- 1.1 The Insight Partners Research Report Guidance
- 1.2 Market Segmentation

2. EXECUTIVE SUMMARY

- 2.1 Key Insights
- 2.2 Market Attractiveness

3. RESEARCH METHODOLOGY

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

4. MIDDLE EAST & AFRICA HVAC CONTROLS MARKET LANDSCAPE

- 4.1 Overview
- 4.2 Ecosystem Analysis
 - 4.2.1 List of Vendors in The Value Chain

5. MIDDLE EAST & AFRICA HVAC CONTROLS MARKET - KEY INDUSTRY DYNAMICS

- 5.1 Middle East & Africa HVAC Controls Market - Key Industry Dynamics
- 5.2 Market Drivers
 - 5.2.1 Growth in Construction Sector
 - 5.2.2 Implementation of Smart, Connected, and Energy Efficient IOT-enabled HVAC Systems
- 5.3 Market Restraints
 - 5.3.1 High Cost and Technical complexities
- 5.4 Market Opportunities
 - 5.4.1 Rising Adoption of Cloud Computing in HVAC
 - 5.4.2 Development of Smart Cities
- 5.5 Future Trends
 - 5.5.1 Advancement in Green Technology

5.6 Impact of Drivers and Restraints:

6. HVAC CONTROLS MARKET – MIDDLE EAST & AFRICA MARKET ANALYSIS

6.1 Middle East & Africa HVAC Controls Market Revenue (US\$ Million), 2022 – 2030

6.2 Middle East & Africa HVAC Controls Market Forecast and Analysis

7. MIDDLE EAST & AFRICA HVAC CONTROLS MARKET ANALYSIS - COMPONENT

7.1 Hardware

7.1.1 Overview

7.1.2 Hardware Market, Revenue and Forecast to 2030 (US\$ Million)

7.1.3 Sensor

7.1.3.1 Overview

7.1.3.2 Sensor Market, Revenue and Forecast to 2030 (US\$ Million)

7.1.4 Controllers

7.1.4.1 Overview

7.1.4.2 Controllers Market, Revenue and Forecast to 2030 (US\$ Million)

7.1.5 Smart Vents

7.1.5.1 Overview

7.1.5.2 Smart Vents Market, Revenue and Forecast to 2030 (US\$ Million)

7.1.6 Others

7.1.6.1 Overview

7.1.6.2 Others Market, Revenue and Forecast to 2030 (US\$ Million)

7.2 Software & Services

7.2.1 Overview

7.2.2 Software & Services Market, Revenue and Forecast to 2030 (US\$ Million)

8. MIDDLE EAST & AFRICA HVAC CONTROLS MARKET ANALYSIS - INSTALLATION TYPE

8.1 Retrofit

8.1.1 Overview

8.1.2 Retrofit Market Revenue, and Forecast to 2030 (US\$ Million)

8.2 New Installation

8.2.1 Overview

8.2.2 New Installation Market Revenue, and Forecast to 2030 (US\$ Million)

9. MIDDLE EAST & AFRICA HVAC CONTROLS MARKET ANALYSIS - SYSTEM

9.1 Temperature Control System

9.1.1 Overview

9.1.2 Temperature Control System Market Revenue, and Forecast to 2030 (US\$ Million)

9.2 Integrated Control System

9.2.1 Overview

9.2.2 Integrated Control System Market Revenue, and Forecast to 2030 (US\$ Million)

9.3 Ventilation Control System

9.3.1 Overview

9.3.2 Ventilation Control System Market Revenue, and Forecast to 2030 (US\$ Million)

9.4 Humidity Control System

9.4.1 Overview

9.4.2 Humidity Control System Market Revenue, and Forecast to 2030 (US\$ Million)

10. MIDDLE EAST & AFRICA HVAC CONTROLS MARKET ANALYSIS – END USER

10.1 Commercial

10.1.1 Overview

10.1.2 Commercial Market Revenue, and Forecast to 2030 (US\$ Million)

10.2 Industrial

10.2.1 Overview

10.2.2 Industrial Market Revenue, and Forecast to 2030 (US\$ Million)

10.3 Residential

10.3.1 Overview

10.3.2 Residential Market Revenue, and Forecast to 2030 (US\$ Million)

11. MIDDLE EAST & AFRICA HVAC CONTROLS MARKET - COUNTRY ANALYSIS

11.1 Overview

11.1.1 Middle East & Africa HVAC Controls Market Revenue and Forecasts and Analysis - By Country

11.1.1.1 Middle East & Africa HVAC Controls Market Revenue and Forecasts and Analysis - By Country

11.1.1.2 Saudi Arabia HVAC Controls Market Revenue and Forecasts to 2030 (US\$ Mn)

11.1.1.2.1 Saudi Arabia HVAC Controls Market Breakdown by Component

11.1.1.2.1.1 Saudi Arabia HVAC Controls Market Breakdown by Hardware

- 11.1.1.2.2 Saudi Arabia HVAC Controls Market Breakdown by Installation Type
- 11.1.1.2.3 Saudi Arabia HVAC Controls Market Breakdown by System
- 11.1.1.2.4 Saudi Arabia HVAC Controls Market Breakdown by End User
- 11.1.1.3 UAE HVAC Controls Market Revenue and Forecasts to 2030 (US\$ Mn)
 - 11.1.1.3.1 UAE HVAC Controls Market Breakdown by Component
 - 11.1.1.3.1.1 UAE HVAC Controls Market Breakdown by Hardware
 - 11.1.1.3.2 UAE HVAC Controls Market Breakdown by Installation Type
 - 11.1.1.3.3 UAE HVAC Controls Market Breakdown by System
 - 11.1.1.3.4 UAE HVAC Controls Market Breakdown by End User
- 11.1.1.4 South Africa HVAC Controls Market Revenue and Forecasts to 2030 (US\$ Mn)
 - 11.1.1.4.1 South Africa HVAC Controls Market Breakdown by Component
 - 11.1.1.4.1.1 South Africa HVAC Controls Market Breakdown by Hardware
 - 11.1.1.4.2 South Africa HVAC Controls Market Breakdown by Installation Type
 - 11.1.1.4.3 South Africa HVAC Controls Market Breakdown by System
 - 11.1.1.4.4 South Africa HVAC Controls Market Breakdown by End User
- 11.1.1.5 Rest of MEA HVAC Controls Market Revenue and Forecasts to 2030 (US\$ Mn)
 - 11.1.1.5.1 Rest of MEA HVAC Controls Market Breakdown by Component
 - 11.1.1.5.1.1 Rest of MEA HVAC Controls Market Breakdown by Hardware
 - 11.1.1.5.2 Rest of MEA HVAC Controls Market Breakdown by Installation Type
 - 11.1.1.5.3 Rest of MEA HVAC Controls Market Breakdown by System
 - 11.1.1.5.4 Rest of MEA HVAC Controls Market Breakdown by End User

12. COMPETITIVE LANDSCAPE

- 12.1 Heat Map Analysis by Key Players
- 12.2 Company Positioning & Concentration

13. INDUSTRY LANDSCAPE

- 13.1 Overview
- 13.2 Market Initiatives
- 13.3 New Product Development
- 13.4 Merger and Acquisition

14. COMPANY PROFILES

- 14.1 Carrier Global Corporation

- 14.1.1 Key Facts
- 14.1.2 Business Description
- 14.1.3 Products and Services
- 14.1.4 Financial Overview
- 14.1.5 SWOT Analysis
- 14.1.6 Key Developments
- 14.2 DAIKIN INDUSTRIES, Ltd.
 - 14.2.1 Key Facts
 - 14.2.2 Business Description
 - 14.2.3 Products and Services
 - 14.2.4 Financial Overview
 - 14.2.5 SWOT Analysis
 - 14.2.6 Key Developments
- 14.3 Emerson Electric Co.
 - 14.3.1 Key Facts
 - 14.3.2 Business Description
 - 14.3.3 Products and Services
 - 14.3.4 Financial Overview
 - 14.3.5 SWOT Analysis
 - 14.3.6 Key Developments
- 14.4 Honeywell International Inc.
 - 14.4.1 Key Facts
 - 14.4.2 Business Description
 - 14.4.3 Products and Services
 - 14.4.4 Financial Overview
 - 14.4.5 SWOT Analysis
 - 14.4.6 Key Developments
- 14.5 Johnson Controls, Inc.
 - 14.5.1 Key Facts
 - 14.5.2 Business Description
 - 14.5.3 Products and Services
 - 14.5.4 Financial Overview
 - 14.5.5 SWOT Analysis
 - 14.5.6 Key Developments
- 14.6 Schneider Electric SE
 - 14.6.1 Key Facts
 - 14.6.2 Business Description
 - 14.6.3 Products and Services
 - 14.6.4 Financial Overview

- 14.6.5 SWOT Analysis
- 14.6.6 Key Developments
- 14.7 Siemens AG
 - 14.7.1 Key Facts
 - 14.7.2 Business Description
 - 14.7.3 Products and Services
 - 14.7.4 Financial Overview
 - 14.7.5 SWOT Analysis
 - 14.7.6 Key Developments
- 14.8 Lennox International Inc.
 - 14.8.1 Key Facts
 - 14.8.2 Business Description
 - 14.8.3 Products and Services
 - 14.8.4 Financial Overview
 - 14.8.5 SWOT Analysis
 - 14.8.6 Key Developments

15. APPENDIX

- 15.1 About the Insight Partners
- 15.2 Word Index

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Product name: Middle East & Africa HVAC Controls Market Forecast to 2030 – Regional Analysis – by Component (Hardware and Software & Services), Installation Type (New Installation and Retrofit), System (Temperature Control System, Humidity Control System, Ventilation Control System, and Integrated Control System), and End User (Residential, Commercial, and Industrial)

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