

Middle East & Africa Industrial Refrigeration Equipment Market Forecast to 2030 – Regional Analysis – by Type (Mechanical-Compression Refrigeration Systems, Evaporative Cooling, Absorption, Thermoelectric); Refrigerant Type (Ammonia – R717, Carbon dioxide (CO₂) – R744, Hydrocarbons – HCs); and Application (Food and Beverages, Pharmaceutical, Chemical and Petrochemical, District Cooling, Data Centres, Electricity Production, and Others)

<https://marketpublishers.com/r/M91C58FAD374EN.html>

Date: January 2024

Pages: 85

Price: US\$ 3,550.00 (Single User License)

ID: M91C58FAD374EN

Abstracts

The Middle East & Africa industrial refrigeration equipment market is expected to grow from US\$ 1,269.69 million in 2022 to US\$ 2,009.63 million by 2030. It is estimated to grow at a CAGR of 5.9% from 2022 to 2030.

Smart and Connected Refrigeration Systems Fuels Middle East & Africa Industrial Refrigeration Equipment Market

Smart and connected systems integrate advanced technologies such as the Internet of Things (IoT), data analytics, and automation to optimize industrial refrigeration equipment's efficiency, performance, and management. Smart systems enable real-time monitoring and control of refrigeration equipment from any location. This capability allows operators and technicians to remotely monitor parameters such as temperature, pressure, and energy consumption. It facilitates quick detection of anomalies and enables proactive maintenance, reducing downtime and improving system reliability.

Connected refrigeration systems collect a huge volume of data that can be analyzed to gain insights into equipment performance and energy usage. Advanced analytics and machine learning algorithms can predict potential faults and suggest maintenance schedules, preventing expensive breakdowns of the equipment and optimizing maintenance routines. Smart systems optimize the energy consumption of industrial refrigeration equipment by adjusting settings based on real-time demand and external factors, including temperature. This reduces energy costs and minimizes environmental impact. Smart refrigeration systems can be integrated into a wide range of building management systems, allowing for centralized control and coordination of various equipment within a facility. This integration ensures seamless communication between different systems, leading to improved overall operational efficiency. Various companies are providing smart and connected refrigeration systems and solutions, such as Facilio.Inc, Danfoss, etc. Therefore, the launch of smart and connected refrigeration systems is expected to fuel the industrial refrigeration equipment market growth during the forecast period.

Middle East & Africa Industrial Refrigeration Equipment Market Overview

The industrial refrigeration equipment market in the Middle East & Africa is segmented into South Africa, Saudi Arabia, the UAE, and the Rest of Middle East & Africa. In Saudi Arabia, various industrial refrigeration system manufacturers are expanding their presence. For instance, in March 2017, Danfoss AS opened its first technical support office in Saudi Arabia.

Various manufacturers of industrial refrigeration systems in the Middle East are offering industrial cold storage facilities for the pharmaceutical and healthcare sectors. In January 2019, Al Salem Johnson Controls provided expertise to help healthcare and pharmaceutical companies implement the latest technology in industrial cold storage through a system that guarantees temperatures specified by each vaccine manufacturer. Al Salem Johnson Controls offered its industrial cold storage refrigerated facility to various vaccine manufacturers, including Pfizer-BioNTech, Moderna, and Russia's Sputnik V. Such product offering accelerates the growth of the industrial refrigeration system in Africa.

Middle East & Africa Industrial Refrigeration Equipment Market Revenue and Forecast to 2030 (US\$ Million)

Middle East & Africa Industrial Refrigeration Equipment Market Segmentation

The Middle East & Africa industrial refrigeration equipment market is segmented into type, refrigerant type, application, and country.

Based on type, the Middle East & Africa industrial refrigeration equipment market is segmented into mechanical-compression refrigeration systems, evaporative cooling, absorption, thermoelectric. The mechanical-compression refrigeration systems segment registered the largest Middle East & Africa industrial refrigeration equipment market share in 2022.

Based on refrigerant type, the Middle East & Africa industrial refrigeration equipment market is segmented into ammonia – R717, carbon dioxide (CO₂) – R744, and hydrocarbons – HCs. The ammonia – R717 segment held the largest Middle East & Africa industrial refrigeration equipment market share in 2022.

Based on application, the Middle East & Africa industrial refrigeration equipment market is segmented into food and beverages, pharmaceutical, chemical and petrochemical, district cooling, data centres, electricity production, and others. The food and beverages segment held the largest Middle East & Africa industrial refrigeration equipment market share in 2022.

Based on country, the Middle East & Africa industrial refrigeration equipment market has been categorized into Saudi Arabia, the UAE, South Africa, and the Rest of Middle East & Africa. Saudi Arabia dominated the Middle East & Africa industrial refrigeration equipment market in 2022.

Johnson Controls International Plc, Danfoss AS, Honeywell International Inc, Evapco Inc, BITZER Kuhlmaschinenbau GmbH, and Carrier Global Corp are some of the leading companies operating in the industrial refrigeration equipment market in the region.

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 INDUSTRIAL REFRIGERATION EQUIPMENT MARKET LANDSCAPE

- 4.1 Overview
- 4.2 PEST Analysis
- 4.3 Ecosystem Analysis

5. MIDDLE EAST & AFRICA INDUSTRIAL REFRIGERATION EQUIPMENT MARKET - KEY INDUSTRY DYNAMICS

- 5.1 Middle East & Africa Industrial Refrigeration Equipment Market - Key Industry Dynamics
- 5.2 Market Drivers
 - 5.2.1 Increasing Demand for Cold Chain Infrastructure
 - 5.2.2 Growing Inclination Towards Eco-friendly Refrigerant-based Refrigeration System
 - 5.2.3 Growing Pharma Industry
- 5.3 Market Restraints
 - 5.3.1 High Initial Investment
 - 5.3.2 Stricter Regulations Regarding Use of Refrigerants
- 5.4 Market Opportunities

- 5.4.1 Growing Popularity of CO₂ and NH₃-based Systems
- 5.5 Future Trends
 - 5.5.1 Smart and Connected Refrigeration Systems
- 5.6 Impact of Drivers and Restraints:

6. INDUSTRIAL REFRIGERATION EQUIPMENT MARKET - MIDDLE EAST & AFRICA MARKET ANALYSIS

- 6.1 Middle East & Africa Industrial Refrigeration Equipment Market Revenue (US\$ Million), 2022 – 2030
- 6.2 Middle East & Africa Industrial Refrigeration Equipment Market Forecast and Analysis

7. MIDDLE EAST & AFRICA INDUSTRIAL REFRIGERATION EQUIPMENT MARKET ANALYSIS - TYPE

- 7.1 Mechanical-Compression Refrigeration Systems
 - 7.1.1 Overview
 - 7.1.2 Mechanical-Compression Middle East & Africa Industrial Refrigeration Equipment Market, Revenue and Forecast to 2030 (US\$ Million)
- 7.2 Evaporative Cooling
 - 7.2.1 Overview
 - 7.2.2 Evaporative Cooling Middle East & Africa Industrial Refrigeration Equipment Market, Revenue and Forecast to 2030 (US\$ Million)
- 7.3 Absorption
 - 7.3.1 Overview
 - 7.3.2 Absorption Middle East & Africa Industrial Refrigeration Equipment Market Revenue and Forecast to 2030 (US\$ Million)
- 7.4 Thermoelectric
 - 7.4.1 Overview
 - 7.4.2 Thermoelectric Middle East & Africa Industrial Refrigeration Equipment Market Revenue and Forecast to 2030 (US\$ Million)

8. MIDDLE EAST & AFRICA INDUSTRIAL REFRIGERATION EQUIPMENT MARKET ANALYSIS - REFRIGERANT TYPE

- 8.1 Ammonia – R717
 - 8.1.1 Overview
 - 8.1.2 Ammonia – R717 Middle East & Africa Industrial Refrigeration Equipment Market

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

8.2 Carbon dioxide (CO₂) – R744

8.2.1 Overview

8.2.2 Carbon dioxide (CO₂) – R744 Middle East & Africa Industrial Refrigeration

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

8.3 Hydrocarbons – HCs

8.3.1 Overview

8.3.2 Hydrocarbons – HCs Middle East & Africa Industrial Refrigeration Equipment Market Revenue, and Forecast to 2030 (US\$ Million)

9. MIDDLE EAST & AFRICA INDUSTRIAL REFRIGERATION EQUIPMENT MARKET ANALYSIS - APPLICATION

9.1 Food and Beverages

9.1.1 Overview

9.1.2 Food and Beverages Middle East & Africa Industrial Refrigeration Equipment Market Revenue, and Forecast to 2030 (US\$ Million)

9.2 Pharmaceutical

9.2.1 Overview

9.2.2 Pharmaceutical Middle East & Africa Industrial Refrigeration Equipment Market Revenue, and Forecast to 2030 (US\$ Million)

9.3 Chemical and Petrochemical

9.3.1 Overview

9.3.2 Chemical and Petrochemical Middle East & Africa Industrial Refrigeration Equipment Market Revenue, and Forecast to 2030 (US\$ Million)

9.4 District Cooling

9.4.1 Overview

9.4.2 District Cooling Middle East & Africa Industrial Refrigeration Equipment Market Revenue, and Forecast to 2030 (US\$ Million)

9.5 Data Centers

9.5.1 Overview

9.5.2 Data Centers Middle East & Africa Industrial Refrigeration Equipment Market Revenue, and Forecast to 2030 (US\$ Million)

9.6 Electricity Production

9.6.1 Overview

9.6.2 Electricity Production Middle East & Africa Industrial Refrigeration Equipment Market Revenue, and Forecast to 2030 (US\$ Million)

9.7 Others

9.7.1 Overview

9.7.2 Others Middle East & Africa Industrial Refrigeration Equipment Market Revenue, and Forecast to 2030 (US\$ Million)

10. MIDDLE EAST & AFRICA INDUSTRIAL REFRIGERATION EQUIPMENT MARKET – COUNTRY ANALYSIS

10.1 Middle East & Africa

10.1.1 Middle East & Africa Industrial Refrigeration Equipment Market Overview

10.1.2 Middle East & Africa Industrial Refrigeration Equipment Market Revenue and Forecasts and Analysis - By Country

10.1.2.1 Middle East & Africa Industrial Refrigeration Equipment Market Revenue and Forecasts and Analysis - By Country

10.1.2.2 Saudi Arabia Industrial Refrigeration Equipment Market Revenue and Forecasts to 2030 (US\$ Mn)

10.1.2.2.1 Saudi Arabia Industrial Refrigeration Equipment Market Breakdown by Type

10.1.2.2.2 Saudi Arabia Industrial Refrigeration Equipment Market Breakdown by Refrigerant Type

10.1.2.2.3 Saudi Arabia Industrial Refrigeration Equipment Market Breakdown by Application

10.1.2.3 UAE Industrial Refrigeration Equipment Market Revenue and Forecasts to 2030 (US\$ Mn)

10.1.2.3.1 UAE Industrial Refrigeration Equipment Market Breakdown by Type

10.1.2.3.2 UAE Industrial Refrigeration Equipment Market Breakdown by Refrigerant Type

10.1.2.3.3 UAE Industrial Refrigeration Equipment Market Breakdown by Application

10.1.2.4 South Africa Industrial Refrigeration Equipment Market Revenue and Forecasts to 2030 (US\$ Mn)

10.1.2.4.1 South Africa Industrial Refrigeration Equipment Market Breakdown by Type

10.1.2.4.2 South Africa Industrial Refrigeration Equipment Market Breakdown by Refrigerant Type

10.1.2.4.3 South Africa Industrial Refrigeration Equipment Market Breakdown by Application

10.1.2.5 Rest of MEA Industrial Refrigeration Equipment Market Revenue and Forecasts to 2030 (US\$ Mn)

10.1.2.5.1 Rest of MEA Industrial Refrigeration Equipment Market Breakdown by Type

10.1.2.5.2 Rest of MEA Industrial Refrigeration Equipment Market Breakdown by

Refrigerant Type

10.1.2.5.3 Rest of MEA Industrial Refrigeration Equipment Market Breakdown by Application

11. COMPETITIVE LANDSCAPE

11.1 Heat Map Analysis by Key Players

12. INDUSTRY LANDSCAPE

12.1 Overview

12.2 Market Initiative

12.3 New Product Development

12.4 Merger and Acquisition

13. COMPANY PROFILES

13.1 Johnson Controls International Plc

13.1.1 Key Facts

13.1.2 Business Description

13.1.3 Products and Services

13.1.4 Financial Overview

13.1.5 SWOT Analysis

13.1.6 Key Developments

13.2 Danfoss AS

13.2.1 Key Facts

13.2.2 Business Description

13.2.3 Products and Services

13.2.4 Financial Overview

13.2.5 SWOT Analysis

13.2.6 Key Developments

13.3 Honeywell International Inc

13.3.1 Key Facts

13.3.2 Business Description

13.3.3 Products and Services

13.3.4 Financial Overview

13.3.5 SWOT Analysis

13.3.6 Key Developments

13.4 Evapco Inc

- 13.4.1 Key Facts
- 13.4.2 Business Description
- 13.4.3 Products and Services
- 13.4.4 Financial Overview
- 13.4.5 SWOT Analysis
- 13.4.6 Key Developments
- 13.5 BITZER Kuhlmaschinenbau GmbH
 - 13.5.1 Key Facts
 - 13.5.2 Business Description
 - 13.5.3 Products and Services
 - 13.5.4 Financial Overview
 - 13.5.5 SWOT Analysis
 - 13.5.6 Key Developments
- 13.6 Carrier Global Corp
 - 13.6.1 Key Facts
 - 13.6.2 Business Description
 - 13.6.3 Products and Services
 - 13.6.4 Financial Overview
 - 13.6.5 SWOT Analysis
 - 13.6.6 Key Developments

14. APPENDIX

- 14.1 About the Insight Partners
- 14.2 Word Index

List Of Tables

LIST OF TABLES

Table 1. Middle East & Africa Industrial Refrigeration Equipment Market Segmentation

Table 2. Middle East & Africa Industrial Refrigeration Equipment Market Revenue and Forecasts To 2030 (US\$ Million)

Table 3. Middle East & Africa Industrial Refrigeration Equipment Market Revenue and Forecasts To 2030 (US\$ Mn) – By Country

Table 4. Saudi Arabia Industrial Refrigeration Equipment Market Revenue and Forecasts To 2030 (US\$ Mn) – By Type

Table 5. Saudi Arabia Industrial Refrigeration Equipment Market Revenue and Forecasts To 2030 (US\$ Mn) – By Refrigerant Type

Table 6. Saudi Arabia Industrial Refrigeration Equipment Market Revenue and Forecasts To 2030 (US\$ Mn) – By Application

Table 7. UAE Industrial Refrigeration Equipment Market Revenue and Forecasts To 2030 (US\$ Mn) – By Type

Table 8. UAE Industrial Refrigeration Equipment Market Revenue and Forecasts To 2030 (US\$ Mn) – By Refrigerant Type

Table 9. UAE Industrial Refrigeration Equipment Market Revenue and Forecasts To 2030 (US\$ Mn) – By Application

Table 10. South Africa Industrial Refrigeration Equipment Market Revenue and Forecasts To 2030 (US\$ Mn) – By Type

Table 11. South Africa Industrial Refrigeration Equipment Market Revenue and Forecasts To 2030 (US\$ Mn) – By Refrigerant Type

Table 12. South Africa Industrial Refrigeration Equipment Market Revenue and Forecasts To 2030 (US\$ Mn) – By Application

Table 13. Rest of MEA Industrial Refrigeration Equipment Market Revenue and Forecasts To 2030 (US\$ Mn) – By Type

Table 14. Rest of MEA Industrial Refrigeration Equipment Market Revenue and Forecasts To 2030 (US\$ Mn) – By Refrigerant Type

Table 15. Rest of MEA Industrial Refrigeration Equipment Market Revenue and Forecasts To 2030 (US\$ Mn) – By Application

Table 16. Heat Map Analysis By Key Players

Table 17. @LIST OF Abbreviation

List Of Figures

LIST OF FIGURES

Figure 1. Middle East & Africa Industrial Refrigeration Equipment Market Segmentation, By Country

Figure 2. PEST Analysis

Figure 3. Ecosystem: Industrial Refrigeration Equipment Market

Figure 4. Impact Analysis of Drivers and Restraints

Figure 5. Middle East & Africa Industrial Refrigeration Equipment Market Revenue (US\$ Million), 2022 – 2030

Figure 6. Middle East & Africa Industrial Refrigeration Equipment Market Share (%) – Type, 2022 and 2030

Figure 7. Mechanical-Compression: Middle East & Africa Industrial Refrigeration Equipment Market Revenue and Forecasts To 2030 (US\$ Million)

Figure 8. Evaporative Cooling: Middle East & Africa Industrial Refrigeration Equipment Market Revenue and Forecasts To 2030 (US\$ Million)

Figure 9. Absorption: Middle East & Africa Industrial Refrigeration Equipment Market Revenue and Forecasts To 2030 (US\$ Million)

Figure 10. Thermoelectric : Middle East & Africa Industrial Refrigeration Equipment Market Revenue and Forecasts To 2030 (US\$ Million)

Figure 11. Middle East & Africa Industrial Refrigeration Equipment Market Share (%) - Refrigerant Type, 2022 and 2030

Figure 12. Ammonia – R717 : Middle East & Africa Industrial Refrigeration Equipment Market Revenue and Forecasts To 2030 (US\$ Million)

Figure 13. Carbon dioxide (CO₂) – R744 : Middle East & Africa Industrial Refrigeration Equipment Market Revenue and Forecasts To 2030 (US\$ Million)

Figure 14. Hydrocarbons – HCs : Middle East & Africa Industrial Refrigeration Equipment Market Revenue and Forecasts To 2030 (US\$ Million)

Figure 15. Middle East & Africa Industrial Refrigeration Equipment Market Share (%) - Refrigerant Type, 2022 and 2030

Figure 16. Food and Beverages: Middle East & Africa Industrial Refrigeration Equipment Market Revenue and Forecasts To 2030 (US\$ Million)

Figure 17. Pharmaceutical: Middle East & Africa Industrial Refrigeration Equipment Market Revenue and Forecasts To 2030 (US\$ Million)

Figure 18. Chemical and Petrochemical : Middle East & Africa Industrial Refrigeration Equipment Market Revenue and Forecasts To 2030 (US\$ Million)

Figure 19. District Cooling : Middle East & Africa Industrial Refrigeration Equipment Market Revenue and Forecasts To 2030 (US\$ Million)

Figure 20. Data Centers : Middle East & Africa Industrial Refrigeration Equipment Market Revenue and Forecasts To 2030 (US\$ Million)

Figure 21. Electricity Production : Middle East & Africa Industrial Refrigeration Equipment Market Revenue and Forecasts To 2030 (US\$ Million)

Figure 22. Others : Middle East & Africa Industrial Refrigeration Equipment Market Revenue and Forecasts To 2030 (US\$ Million)

Figure 23. Middle East & Africa Industrial Refrigeration Equipment Market Revenue, by Key Countries. (2022)(US\$ Million)

Figure 24. Industrial Refrigeration Equipment Market Breakdown by Key Countries, 2022 and 2030 (%)

Figure 25. Saudi Arabia Industrial Refrigeration Equipment Market Revenue and Forecasts To 2030 (US\$ Mn)

Figure 26. UAE Industrial Refrigeration Equipment Market Revenue and Forecasts To 2030 (US\$ Mn)

Figure 27. South Africa Industrial Refrigeration Equipment Market Revenue and Forecasts To 2030 (US\$ Mn)

Figure 28. Rest of MEA Industrial Refrigeration Equipment Market Revenue and Forecasts To 2030 (US\$ Mn)

I would like to order

Product name: Middle East & Africa Industrial Refrigeration Equipment Market Forecast to 2030 – Regional Analysis – by Type (Mechanical-Compression Refrigeration Systems, Evaporative Cooling, Absorption, Thermoelectric); Refrigerant Type (Ammonia – R717, Carbon dioxide (CO2) – R744, Hydrocarbons – HCs); and Application (Food and Beverages, Pharmaceutical, Chemical and Petrochemical, District Cooling, Data Centres, Electricity Production, and Others)

Product link: <https://marketpublishers.com/r/M91C58FAD374EN.html>

Price: US\$ 3,550.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/M91C58FAD374EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms

& Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970