

Modular Chiller Market Report and Forecast 2025-2034

Market Report | 2025-08-11 | 165 pages | EMR Inc.

AVAILABLE LICENSES:

- Single User License \$3599.00
- Five User License \$4249.00
- Corporate License \$5099.00

Report description:

The global modular chiller market attained a value of nearly USD 2.85 Billion in 2024. The market is further expected to grow in the forecast period of 2025-2034 at a CAGR of 6.00% to reach about USD 5.10 Billion in 2034.

Rising Demand for Water-Cooled Modular Chillers to Boost the Market Growth

Due to the high performance of water-cooled modular chillers over air-cooled systems, the water-cooled type segment of the global market for modular chiller accounted for a significant proportion of the market share. Large commercial buildings, including corporate offices, schools, retail malls, and hospitals, among others, benefit from water-cooled modular chillers, thereby invigorating the industry growth of modular chillers. Furthermore, the air-cooled category of modular chillers is expected to generate robust market growth in the coming years due to its lower operating costs and compact design.

Asia Pacific Region to Hold a Significant Share in the Market Growth of Modular Chillers

In APAC, China, Japan, South Korea, and India are the most important markets for modular chillers. Owing to rapid industrialisation and urbanisation in the region and favourable government policies and investments, the construction projects in the region are rising, further augmenting the demand for modular chillers in various sectors. In addition, due to the existence of big heating, ventilation, and air conditioning (HVAC) and construction industries, China accounted for a substantial share of the APAC market in the historical period. Furthermore, the overall demand for air conditioners in APAC countries can be attributed to rising disposable incomes and improved purchasing power of the people. Thus, the market for modular chillers is witnessing steady demand from the Asia Pacific region, thereby adding to the overall market growth.

Modular Chiller: Market Segmentation

Modular chiller systems are a modern alternative to classic chiller systems, providing building owners, system designers, and installers with creative solutions. Modular chillers in HVAC systems have lately developed as a more cost-effective, mass-produced

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

alternative to totally tailored chillers.

Market Breakup by Product Type

- Air Cooled Modular Chiller
- Water Cooled Modular Chiller

Market Breakup by Capacity

- Below 300 Tons
- More than 300 tons

Market Breakup by Application

- Residential
- Commercial
- Industrial

Market Breakup by Region

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

Rising Commercial Applications of Modular Chillers to Augment Market Growth

The commercial application segment holds a significant market share in the overall market growth of modular chillers and is expected to grow at the fastest rate throughout the forecast period. Its strong application in HVAC systems owing to growing demand from the commercial sector, including air conditioning in business offices, government buildings, schools, hospitals, shopping malls, and hotels, among others, is propelling industry growth. Demand for commercial development projects is likely to increase with the rising levels of population, which, in turn, is anticipated to augment the demand for modular chillers.

The energy efficiency and reduced environmental effect of modular chillers are also significant advantages of the product, which are contributing to its demand and the consequent market growth. The ability of modular chillers to be converted into heat pumps, allowing them to supply both cooling and heating capacity for use in various commercial or industrial applications, is further aiding the market growth. Furthermore, owing to rising concerns regarding environmental degradation, modular chillers easily meet the criteria for sustainable living with characteristics like non-ozone-depleting refrigerants. These features lessen the negative environmental effect of modular chillers and ensure the safety of the users, hence invigorating the industry growth.

Key Industry Players in the Global Modular Chiller Market

The report presents a detailed analysis of the following key players in the global modular chiller market, looking into their capacity, market shares, and latest developments like capacity expansions, plant turnarounds, and mergers and acquisitions:

- Johnson Controls International Plc.

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- Daikin Industries, Ltd
- LG Electronics
- Multistack, LLC
- Frigel Firenze S.p.A.
- Others

The comprehensive report looks into the macro and micro aspects of the industry. The EMR report gives an in-depth insight into the market by providing a SWOT analysis as well as an analysis of Porter's Five Forces model.

Table of Contents:

- 1 Executive Summary
 - 1.1 Market Size 2024-2025
 - 1.2 Market Growth 2025(F)-2034(F)
 - 1.3 Key Demand Drivers
 - 1.4 Key Players and Competitive Structure
 - 1.5 Industry Best Practices
 - 1.6 Recent Trends and Developments
 - 1.7 Industry Outlook
- 2 Market Overview and Stakeholder Insights
 - 2.1 Market Trends
 - 2.2 Key Verticals
 - 2.3 Key Regions
 - 2.4 Supplier Power
 - 2.5 Buyer Power
 - 2.6 Key Market Opportunities and Risks
 - 2.7 Key Initiatives by Stakeholders
- 3 Economic Summary
 - 3.1 GDP Outlook
 - 3.2 GDP Per Capita Growth
 - 3.3 Inflation Trends
 - 3.4 Democracy Index
 - 3.5 Gross Public Debt Ratios
 - 3.6 Balance of Payment (BoP) Position
 - 3.7 Population Outlook
 - 3.8 Urbanisation Trends
- 4 Country Risk Profiles
 - 4.1 Country Risk
 - 4.2 Business Climate
- 5 Global Modular Chiller Market Analysis
 - 5.1 Key Industry Highlights
 - 5.2 Global Modular Chiller Historical Market (2018-2024)
 - 5.3 Global Modular Chiller Market Forecast (2025-2034)
 - 5.4 Global Modular Chiller Market by Product Type
 - 5.4.1 Air Cooled Modular Chiller
 - 5.4.1.1 Historical Trend (2018-2024)

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 5.4.1.2 Forecast Trend (2025-2034)
- 5.4.2 Water Cooled Modular Chiller
 - 5.4.2.1 Historical Trend (2018-2024)
 - 5.4.2.2 Forecast Trend (2025-2034)
- 5.5 Global Modular Chiller Market by Capacity
 - 5.5.1 Below 300 Tons
 - 5.5.1.1 Historical Trend (2018-2024)
 - 5.5.1.2 Forecast Trend (2025-2034)
 - 5.5.2 More than 300 tons
 - 5.5.2.1 Historical Trend (2018-2024)
 - 5.5.2.2 Forecast Trend (2025-2034)
- 5.6 Global Modular Chiller Market by Application
 - 5.6.1 Residential
 - 5.6.1.1 Historical Trend (2018-2024)
 - 5.6.1.2 Forecast Trend (2025-2034)
 - 5.6.2 Commercial
 - 5.6.2.1 Historical Trend (2018-2024)
 - 5.6.2.2 Forecast Trend (2025-2034)
 - 5.6.3 Industrial
 - 5.6.3.1 Historical Trend (2018-2024)
 - 5.6.3.2 Forecast Trend (2025-2034)
- 5.7 Global Modular Chiller Market by Region
 - 5.7.1 North America
 - 5.7.1.1 Historical Trend (2018-2024)
 - 5.7.1.2 Forecast Trend (2025-2034)
 - 5.7.2 Europe
 - 5.7.2.1 Historical Trend (2018-2024)
 - 5.7.2.2 Forecast Trend (2025-2034)
 - 5.7.3 Asia Pacific
 - 5.7.3.1 Historical Trend (2018-2024)
 - 5.7.3.2 Forecast Trend (2025-2034)
 - 5.7.4 Latin America
 - 5.7.4.1 Historical Trend (2018-2024)
 - 5.7.4.2 Forecast Trend (2025-2034)
 - 5.7.5 Middle East and Africa
 - 5.7.5.1 Historical Trend (2018-2024)
 - 5.7.5.2 Forecast Trend (2025-2034)
- 6 North America Modular Chiller Market Analysis
 - 6.1 United States of America
 - 6.1.1 Historical Trend (2018-2024)
 - 6.1.2 Forecast Trend (2025-2034)
 - 6.2 Canada
 - 6.2.1 Historical Trend (2018-2024)
 - 6.2.2 Forecast Trend (2025-2034)
- 7 Europe Modular Chiller Market Analysis
 - 7.1 United Kingdom
 - 7.1.1 Historical Trend (2018-2024)

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 7.1.2 Forecast Trend (2025-2034)
- 7.2 Germany
 - 7.2.1 Historical Trend (2018-2024)
 - 7.2.2 Forecast Trend (2025-2034)
- 7.3 France
 - 7.3.1 Historical Trend (2018-2024)
 - 7.3.2 Forecast Trend (2025-2034)
- 7.4 Italy
 - 7.4.1 Historical Trend (2018-2024)
 - 7.4.2 Forecast Trend (2025-2034)
- 7.5 Others
- 8 Asia Pacific Modular Chiller Market Analysis
 - 8.1 China
 - 8.1.1 Historical Trend (2018-2024)
 - 8.1.2 Forecast Trend (2025-2034)
 - 8.2 Japan
 - 8.2.1 Historical Trend (2018-2024)
 - 8.2.2 Forecast Trend (2025-2034)
 - 8.3 India
 - 8.3.1 Historical Trend (2018-2024)
 - 8.3.2 Forecast Trend (2025-2034)
 - 8.4 ASEAN
 - 8.4.1 Historical Trend (2018-2024)
 - 8.4.2 Forecast Trend (2025-2034)
 - 8.5 Australia
 - 8.5.1 Historical Trend (2018-2024)
 - 8.5.2 Forecast Trend (2025-2034)
 - 8.6 Others
- 9 Latin America Modular Chiller Market Analysis
 - 9.1 Brazil
 - 9.1.1 Historical Trend (2018-2024)
 - 9.1.2 Forecast Trend (2025-2034)
 - 9.2 Argentina
 - 9.2.1 Historical Trend (2018-2024)
 - 9.2.2 Forecast Trend (2025-2034)
 - 9.3 Mexico
 - 9.3.1 Historical Trend (2018-2024)
 - 9.3.2 Forecast Trend (2025-2034)
 - 9.4 Others
- 10 Middle East and Africa Modular Chiller Market Analysis
 - 10.1 Saudi Arabia
 - 10.1.1 Historical Trend (2018-2024)
 - 10.1.2 Forecast Trend (2025-2034)
 - 10.2 United Arab Emirates
 - 10.2.1 Historical Trend (2018-2024)
 - 10.2.2 Forecast Trend (2025-2034)
 - 10.3 Nigeria

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 10.3.1 Historical Trend (2018-2024)
- 10.3.2 Forecast Trend (2025-2034)
- 10.4 South Africa
 - 10.4.1 Historical Trend (2018-2024)
 - 10.4.2 Forecast Trend (2025-2034)
- 10.5 Others
- 11 Market Dynamics
 - 11.1 SWOT Analysis
 - 11.1.1 Strengths
 - 11.1.2 Weaknesses
 - 11.1.3 Opportunities
 - 11.1.4 Threats
 - 11.2 Porter's Five Forces Analysis
 - 11.2.1 Supplier's Power
 - 11.2.2 Buyer's Power
 - 11.2.3 Threat of New Entrants
 - 11.2.4 Degree of Rivalry
 - 11.2.5 Threat of Substitutes
 - 11.3 Key Indicators for Demand
 - 11.4 Key Indicators for Price
- 12 Value Chain Analysis
- 13 Competitive Landscape
 - 13.1 Supplier Selection
 - 13.2 Key Global Players
 - 13.3 Key Regional Players
 - 13.4 Key Player Strategies
 - 13.5 Company Profiles
 - 13.5.1 Johnson Controls International Plc.
 - 13.5.1.1 Company Overview
 - 13.5.1.2 Product Portfolio
 - 13.5.1.3 Demographic Reach and Achievements
 - 13.5.1.4 Certifications
 - 13.5.2 Daikin Industries, Ltd
 - 13.5.2.1 Company Overview
 - 13.5.2.2 Product Portfolio
 - 13.5.2.3 Demographic Reach and Achievements
 - 13.5.2.4 Certifications
 - 13.5.3 LG Electronics
 - 13.5.3.1 Company Overview
 - 13.5.3.2 Product Portfolio
 - 13.5.3.3 Demographic Reach and Achievements
 - 13.5.3.4 Certifications
 - 13.5.4 Multistack, LLC
 - 13.5.4.1 Company Overview
 - 13.5.4.2 Product Portfolio
 - 13.5.4.3 Demographic Reach and Achievements
 - 13.5.4.4 Certifications

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

13.5.5 Frigel Firenze S.p.A.

13.5.5.1 Company Overview

13.5.5.2 Product Portfolio

13.5.5.3 Demographic Reach and Achievements

13.5.5.4 Certifications

13.5.6 Others

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Modular Chiller Market Report and Forecast 2025-2034

Market Report | 2025-08-11 | 165 pages | EMR Inc.

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$3599.00
	Five User License	\$4249.00
	Corporate License	\$5099.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-10"/>
		Signature	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com