

# **Modular Chillers Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2024 – 2032**

<https://marketpublishers.com/r/M84CCA37C9CBEN.html>

Date: November 2024

Pages: 220

Price: US\$ 4,850.00 (Single User License)

ID: M84CCA37C9CBEN

## **Abstracts**

The Global Modular Chillers Market was valued at USD 3.3 billion in 2023 and is projected to grow at 7.8% CAGR from 2024 to 2032. This growth is primarily fueled by the increasing demand for energy-efficient solutions as businesses and industries seek ways to lower energy consumption and operational costs. Modular chillers provide a flexible and scalable cooling solution that adapts to varying cooling needs, optimizing performance and reducing energy waste.

The market is also benefitting from the rise in urbanization and infrastructure development, especially in emerging markets. With the ongoing construction of residential complexes, commercial buildings, and industrial facilities, modular chillers are gaining popularity for their adaptability and ease of installation in phases, which aligns with the dynamic requirements of modern construction projects.

From a product perspective, the air-cooled modular chillers segment is anticipated to reach USD 3.9 billion by 2032. These systems are valued for their simple installation process, low maintenance needs, and cost-effectiveness. They are particularly suitable for facilities in regions with limited water resources or moderate climates. The modular nature of these chillers allows for easy scalability, making them an ideal choice for commercial and residential properties that require flexibility and efficient use of space. However, air-cooled systems may be less energy-efficient than their water-cooled counterparts, especially for larger industrial applications, which limits their use in sectors with high cooling demands.

In terms of application, the industrial sector is anticipated to experience significant growth, with a projected CAGR of 9.9% from 2024 to 2032. In the commercial sector, modular chillers are widely used in office buildings, retail centers, and hotels, owing to

their energy efficiency and ability to meet varying cooling needs. As urbanization continues and commercial infrastructure expands, the demand for adaptable and affordable cooling systems grows, driven by environmental regulations and sustainability goals.

U.S. modular chillers market held 77.8% share in 2023, driven by the increasing adoption of energy-efficient cooling systems across both commercial and industrial sectors. The demand is also fueled by urbanization and stricter environmental regulations. Additionally, technological advancements, such as the integration of IoT-based controls and smart infrastructure, are enhancing the appeal of modular chillers by supporting energy savings and improving operational efficiency.

## Contents

### Report Content

#### **CHAPTER 1 METHODOLOGY & SCOPE**

- 1.1 Market scope & definitions
- 1.2 Base estimates & calculations
- 1.3 Forecast calculations
- 1.4 Data sources
  - 1.4.1 Primary
  - 1.4.2 Secondary
    - 1.4.2.1 Paid sources
    - 1.4.2.2 Public sources

#### **CHAPTER 2 EXECUTIVE SUMMARY**

- 2.1 Industry synopsis, 2021-2032

#### **CHAPTER 3 INDUSTRY INSIGHTS**

- 3.1 Industry ecosystem analysis
  - 3.1.1 Factor affecting the value chain
  - 3.1.2 Profit margin analysis
  - 3.1.3 Disruptions
  - 3.1.4 Future outlook
  - 3.1.5 Manufacturers
  - 3.1.6 Distributors
- 3.2 Supplier landscape
- 3.3 Profit margin analysis
- 3.4 Key news & initiatives
- 3.5 Regulatory landscape
- 3.6 Impact forces
  - 3.6.1 Growth drivers
    - 3.6.1.1 Increasing demand for energy efficiency
    - 3.6.1.2 Rising urbanization and infrastructure development
    - 3.6.1.3 Growing focus on environmental sustainability
    - 3.6.1.4 Advancements in IoT and automation technologies
    - 3.6.1.5 Rising industrialization in emerging markets

- 3.6.2 Industry pitfalls & challenges
  - 3.6.2.1 High initial capital investment
  - 3.6.2.2 Complexity in system integration
- 3.7 Growth potential analysis
- 3.8 Porter's analysis
- 3.9 PESTEL analysis

## **CHAPTER 4 COMPETITIVE LANDSCAPE, 2023**

- 4.1 Introduction
- 4.2 Company market share analysis
- 4.3 Competitive positioning matrix
- 4.4 Strategic outlook matrix

## **CHAPTER 5 MARKET ESTIMATES & FORECAST, BY TYPE, 2021-2032 (USD BILLION)**

- 5.1 Key trends
- 5.2 Air-cooled modular chillers
- 5.3 Water-cooled modular chillers

## **CHAPTER 6 MARKET ESTIMATES & FORECAST, BY CAPACITY, 2021-2032 (USD BILLION)**

- 6.1 Key trends
- 6.2 Below 300 tons
- 6.3 300-500 tons
- 6.4 Above 500 tons

## **CHAPTER 7 MARKET ESTIMATES & FORECAST, BY APPLICATION, 2021-2032 (USD BILLION)**

- 7.1 Key trends
- 7.2 Commercial
- 7.3 Residential
- 7.4 Industrial
- 7.5 Healthcare
- 7.6 Others

## **CHAPTER 8 MARKET ESTIMATES & FORECAST, BY REGION, 2021-2032 (USD BILLION)**

### 8.1 Key trends

### 8.2 North America

#### 8.2.1 U.S.

#### 8.2.2 Canada

### 8.3 Europe

#### 8.3.1 UK

#### 8.3.2 Germany

#### 8.3.3 France

#### 8.3.4 Italy

#### 8.3.5 Spain

#### 8.3.6 Russia

### 8.4 Asia Pacific

#### 8.4.1 China

#### 8.4.2 India

#### 8.4.3 Japan

#### 8.4.4 South Korea

#### 8.4.5 Australia

### 8.5 Latin America

#### 8.5.1 Brazil

#### 8.5.2 Mexico

### 8.6 MEA

#### 8.6.1 South Africa

#### 8.6.2 Saudi Arabia

#### 8.6.3 UAE

## **CHAPTER 9 COMPANY PROFILES**

### 9.1 Aermec S.p.A.

### 9.2 Airedale International Air Conditioning Ltd.

### 9.3 Arctic Chiller Group

### 9.4 Blue Star Limited

### 9.5 Bosch Thermotechnology

### 9.6 Carrier Corporation

### 9.7 Clivet S.p.A.

### 9.8 Daikin Industries

### 9.9 Dunham-Bush

- 9.10 Frigel Group
- 9.11 Gree Electric Appliances
- 9.12 Ingersoll Rand
- 9.13 Johnson Controls
- 9.14 Kaltra Innovativtechnik GmbH
- 9.15 Lennox International
- 9.16 LG Electronics
- 9.17 Midea Group
- 9.18 Mitsubishi Electric
- 9.19 Multistack
- 9.20 Petra Engineering Industries Co.
- 9.21 Shuangliang Eco-Energy Systems Co., Ltd.
- 9.22 Smardt Chiller Group
- 9.23 Trane Technologies

## I would like to order

Product name: Modular Chillers Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2024 – 2032

Product link: <https://marketpublishers.com/r/M84CCA37C9CBEN.html>

Price: US\$ 4,850.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/M84CCA37C9CBEN.html>