

# **Israel Data Center Cooling Market Size study, by Cooling Technology (Air-based Cooling, Liquid-based Cooling), by End User (IT and Telecommunication, BFSI, Government, Media and Entertainment, Other End User) Forecasts 2022-2032**

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## **Abstracts**

The Israel Data Center Cooling Market, valued at approximately USD 13.69 million in 2023, is poised for substantial growth, projecting a CAGR of 15.40% from 2024 to 2032. Data center cooling encompasses various technologies and strategies essential for maintaining optimal temperature and humidity levels within data centers. These facilities, housing servers and IT equipment that generate substantial heat, require efficient cooling systems to prevent overheating, ensure reliable performance, and extend the lifespan of the equipment. Predominant cooling methods include air conditioning, liquid cooling, and evaporative cooling. The application of data center cooling spans across several industries reliant on data centers, including cloud computing, telecommunications, financial services, and healthcare, where the need for efficient and consistent operations is critical to support digital infrastructure and data processing requirements.

The escalating demand for cloud computing among SMEs, coupled with stringent government regulations concerning local data security and heightened investments by domestic players, is significantly propelling the demand for data centers in Israel. The under-construction IT load capacity of the Israeli data center market is expected to surpass 277.2 MW by 2029, with the construction of raised floor space anticipated to exceed 0.9 million sq. ft. during the same period. Additionally, the total number of planned racks is projected to reach 49,737 units by 2029, with Tel Aviv expected to accommodate the maximum number of racks. The installation of new data centers across the country is focusing on state-of-the-art monitoring systems to mitigate risks

associated with extreme weather events, incorporating the latest energy-efficient cooling technologies such as redundant cooling systems, smart monitoring technologies, and backup power generators to ensure temperature consistency during power interruptions. Direct liquid cooling, utilizing the higher thermal transfer of water to achieve more efficient cooling, is also being adopted.

Moreover, the growth of the Israel Data Center Cooling Market is driven by several key factors. Firstly, the increasing demand for data storage and processing due to the rise of cloud computing and big data analytics has led to the expansion of data centers. Secondly, Israel's booming tech sector, including cybersecurity and artificial intelligence, requires robust data infrastructure, further fueling demand. Additionally, the country's hot climate necessitates efficient cooling solutions to maintain optimal data center performance. Innovations in cooling technology, such as liquid cooling and energy-efficient systems, are also contributing to market growth. Furthermore, government initiatives promoting digital transformation and the development of smart cities are expected to boost investments in data center facilities, driving the need for advanced cooling systems.

Major market players included in this report are:

Schneider Electric SE

Rittal GMBH & Co.KG

Mitsubishi Electric Hydronics & IT Cooling Systems S.p.A.

Johnson Controls International PLC

Asetek A/S

Company 6

Company 7

Company 8

Company 9

Company 10

The detailed segments and sub-segment of the market are explained below:

By Cooling Technology:

Air-based Cooling

Liquid-based Cooling

By End User:

IT and Telecommunication

BFSI

Government

Media and Entertainment

Other End User

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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