

# Data Center Cooling Market Size Worth US\$ 30.3 Billion by 2028 | Industry CAGR of 14%

SHERIDAN, WYOMING, UNITED STATES, February 20, 2023 /EINPresswire.com/ -- According to the latest report by IMARC Group, titled "Data Center Cooling Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028," The global data center cooling market size reached US\$ 13.3 Billion in 2022. Looking forward, IMARC Group expects the market to reach a value of US\$ 30.3 Billion by 2028, exhibiting a growth rate (CAGR) of 14% during 2023-2028.



Data center cooling is an integral part of maintaining a regulated temperature within a data center facility. Since the computers in a data center are constantly in use, excessive amounts of heat are produced inside the facility. In order to ensure the smooth functioning of the system, air- and liquid-based cooling methods are employed to improve the overall performance of the computers. While air-based cooling systems work on the principle of separating cold air from hot air, liquid-based cooling systems use water for cooling the hot sides of the cabinet to lower the overall temperature. Cooling services are essential for reducing the downtime caused by the overheating of computers and improving the efficiency of the overall facility.

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Global Data Center Cooling Market Trends:

The global market is primarily driven by the development of IT infrastructure and the growing adoption rates of cloud computing. The rising demand for the Internet of Things (IoT) across numerous industry verticals, along with the increasing number of data centers within organizations for more efficient and comprehensive operations, is anticipated to boost the demand for cooling services. Apart from this, an enhanced focus toward sustainable

development has led several data center facilities to adopt green energy solutions. They are utilizing renewable energy sources in an effort to reduce their carbon footprint. This is further facilitated by stringent regulations by various government bodies to reduce the power consumption of data centers. Furthermore, numerous key players are continually engaging in the development of efficient ways to cool down the data servers, which is projected to create a positive outlook for the market. For instance, Microsoft Corporation, the US-based technology giant, launched a project called Natick that utilizes seawater for data center cooling in Scotland.

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List of Key Companies Covered in this Market Report:

Airedale International Air Conditioning

Asetek

Black Box Corporation

Climaveneta Climate Technologies

Coolcentric

Emerson Electric

Fujitsu

Hitachi

Netmagic

Nortek Air Solutions

Rittal

Schneider Electric

STULZ GmbH

Vertiv

Report Segmentation:

The report has segmented the market into the following categories

Breakup by Solution:

Air Conditioning

Chilling Units

Cooling Towers

Economizer Systems

Liquid Cooling Systems

Control Systems

Others

## Breakup by Services:

Consulting

Installation and Deployment

Maintenance and Support

## Breakup by Type of Cooling:

Room-Based Cooling

Row-Based Cooling

Rack-Based Cooling

## Breakup by Cooling Technology:

Liquid-Based Cooling

Air-Based Cooling

## Breakup by Type of Data Center:

Mid-Sized Data Centers

Enterprise Data Centers

Large Data Centers

## Breakup by Vertical:

BFSI

IT and Telecom

Research and Education Institutions

Government and Defense

Retail

Energy

Healthcare

Others

## Breakup by Geography:

North America (U.S. & Canada)

Europe (Germany, United Kingdom, France, Italy, Spain, Russia, and Others)

Asia Pacific (China, India, Japan, South Korea, Indonesia, Australia, and Others)

Latin America (Brazil, Mexico)

Middle East & Africa

## Key highlights of the report:

Market Performance (2017-2022)  
Market Outlook (2023- 2028)  
Porter's Five Forces Analysis  
Market Drivers and Success Factors  
SWOT Analysis  
Value Chain  
Comprehensive Mapping of the Competitive Landscape

If you need specific information that is not currently within the scope of the report, we can provide it to you as a part of the customization.

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methods are at the top of the company's expertise.

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