

Data Center Cooling Market Size is Projected to Reach \$27,308.7 Million by 2027 - Exclusive Research Report by AMR

Green initiatives for eco-friendly data center solutions, and significant growth in data center and power density drive the market.

PORTLAND, PORTLAND, OR , UNITED STATES , August 5, 2022 /EINPresswire.com/ -- Growing demand for efficient and cost-effective data centers, advent of liquid-based cooling and portable cooling technology and growing need for modular data center cooling approach are anticipated to present lucrative opportunities for the market players in the near future.

Major market players such as - Schneider Electric Se; Black Box Corporation; Nortek Air Solutions, LLC; Airedale International Air Conditioning Ltd.; Hitachi, Ltd.; Rittal Gmbh & Co. Kg; Fujitsu Ltd.; Stulz Gmbh; Vertiv Co; and Asetek.

The global [data center cooling market](#) was pegged at \$10.54 billion in 2019 and is projected to reach \$27.30 billion by 2027, registering a CAGR of 12.8% during the forecast period.

The report offers key drivers that propel the growth in the global market. These insights help market players in devising strategies to gain market presence. The research also outlined restraints of the market. Insights on opportunities are mentioned to assist market players in taking further steps by determining potential in untapped regions.

The market across North America held the largest share in 2019, with nearly half of the global data center cooling market, and would lead the trail by 2027. North America is the world's biggest hub for software companies and offers data storage facilities worldwide. Therefore, with growth in number of data centers, requirement for cooling systems is also expected to increase



Data Center Cooling Market

to maintain HVAC level of data centers and support data center operations. However, the market across Asia-Pacific region is projected to register the fastest CAGR of 16.9% during the forecast period. China & India has a tremendous potential for growth in the data center cooling market, due to rapid industrialization. Furthermore, increase in number of data centers boosts the data center cooling market in this region.

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Based on type of cooling, the room-based cooling segment held the largest share in 2019, contributing nearly half of the global data center cooling market, owing to less capital cost as requirement of number of piping and cooling units are less. However, the rack-based cooling segment is projected to register the fastest CAGR of 15.4% through 2027, owing to extreme density capability of rack-based cooling. In addition, rack-based cooling reduces airflow path length of CRAH fan resulting in increased operational efficiency along with energy efficiency.

Based on component, the solution segmented dominated the market in 2019, accounting for more than two-fifths of the global data center cooling market. The increase in adoption of data center cooling as it offers, energy-efficient, environment-friendly, and cost-effective cooling solutions drive the segment growth. In addition, stringent environmental safety rules imposed by various governments further augment the growth of this segment. However, the services segment is projected to showcase the fastest CAGR of 14.6% during the forecast period. Data centers are required to be maintained by trained professionals to keep efficiency intact. Moreover, the rapid growth in data centers, service providers for services such as installation & deployment, support & maintenance, and consulting for data center cooling further drive the growth of the segment.

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Covid-19 Scenarios-

- The data center cooling market has undergone significant revenue growth, as the requirements from sectors such as financial institutions, telecom operators, and other services has increased.
- As a result of the lockdown, furthermore, the demand to create and manage unstaffed data centers has increased.

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Key drivers that are propelling the growth of the market included in the report. Additionally, challenges and restraining factors that are likely to curb the growth of the market are put forth by the analysts to prepare the manufacturers for future challenges in advance.

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