Global Data Center Cooling Market - Strategic Assessment and Forecast 2017-2022

Description: Data Center Cooling Market - Report Insights

The report considers the present scenario of Worldwide Data Center Cooling Market and strategic assessment of the market for the period 2016-2022. The report also includes the market growth drivers, trends, and restraints. It also includes the top five vendors in the market. The market research report provides the market segmentation of global data center cooling system as

Scope of the report

This market research report categories the global data center cooling market based on by Cooling Solutions, Cooling Technique, Cooling Architecture and Geography. This market research includes a detailed market segmentation by

By Cooling Solutions
- Air Conditioner
- Chillers
- Economizer
- Cooling Towers
- Others

By Cooling Technique
- Air-based Cooling
- Liquid-based Cooling
- Chilled Water Cooling
- Liquid - immersion Cooling
- Others

By Cooling Architecture
- Room Cooling
- Row Cooling
- Rack Cooling

By Geographic Segmentation
- North America
- APAC
- Europe
- Latin America
- Middle East & Africa
- ROW

Each region provides market size and analysis by Cooling Technique and by Cooling Architecture

By Country
- Canada
- China
- GCC
- India
- Japan
- Nordic Countries
- South East Asia (SEA)
- US

Each country provides market size and analysis by Cooling Technique and by Cooling Architecture

Data Center Cooling Market - Market Size and Dynamics

Analysts expect the global Data Center Cooling market to cross approx. US$ 12 billion by 2022.

Data Center Cooling Market is expected to witness a steady growth in 2016-2022. In 2016-2019, the y-o-y growth rate will be moderately increase, and after 2019 it will moderately fall. With the emergence of data centers the air based cooling has been very popular among the data center owners. However, the increases in heat energy density along with significant increases in energy prices has kept the water cooling market in a dominant position. Hence the Liquid base cooling market is expected to have the majority market share of global data center cooling market in 2022. The high adoption of water-based cooling systems is expected to bode well for the growth of the Data Center Cooling market in the US.

The market research report provides a detailed analysis of the market share of each segment. Furthermore, the report provides a complete study and growth forecast of the key segments.

Room level cooling accounts for the largest of market share. However, the demand for room level cooling is falling whilst Rack level cooling demand is increasing. Particularly in data center upgradation projects of US, Canada, Western Europe, Nordic, and Countries like Russia and Australia are deploying rack-based cooling. The data center row level cooling is going to increase almost 4 times by 2022.

Data Center Cooling Market - Drivers, Restraints and Trends

Growing construction of the data centers in the tropical and temperate zone is identified as one of the major factors driving the data center cooling market. The market research report provides comprehensive information about the emerging trends, major growth drivers and upcoming challenges of the global data center cooling market.

Need of maintaining heat density inside data center, generation of higher heat due to high-performance computing are some of the major factors catalysing the market growth. Increasing demand of free cooling, increased use of precision air cooling, containerized cooling solutions are among some of the emerging trends mentioned in the report.

Cooling systems consume almost 40 percent of the electricity supplied to data centers. Hence, increase cost of power for industry use is one of the major challenges for the data center cooling market.

Data Center Cooling Market - Geographic Analysis

The report includes the market analysis of global data center cooling market in different regions such as North America, APAC, Europe, MEA, Latin America and ROW. The report outlines the major market share holder in global market and the market size analysis of all the regions. Unlike the North America and Europe market; APAC is not witnessing any shift from traditional Air-based and liquid-based cooling to free cooling. Rather, the market is witnessing more of Liquid-based cooling.

The APAC region is forecasted to be the market leader in global data center cooling market. The Europe market is witnessing two major significant changes (discussed in the report) in data Center construction point of view, which is directly impacting the data center cooling market in this region.

Data Center Cooling Market - Market Share and Key Vendors

The report Data Center cooling market also provides the competitive landscape of the key players. The report covers the players operating in the entire value chain of the market.

The major players identified within the report are:

- Daikin
- Eaton
- Rittal
- Schneider Electric
- Stulz
- Vertiv (Emersion Network Power)
- The emerging vendors are Trane, Alfa Laval, Airedale, ebm-papst, Data Aire.


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