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.


Contents:
Section 1 Research Methodology
Section 2 Executive Summary
Section 3 Report Coverage
  3.1 Inclusion
  3.2 Exclusion
  3.3 Report Assumption
  3.4 Market Derivation
Section 4 Introduction
  4.1 Market Definition
  4.2 Current Market Scenario
  4.3 Future Market Scenario
Section 5 Key Market Drivers
  5.1 Construction of New Data Centers
  5.2 Need to Maintain Heat Density Inside Data Centers
  5.3 Large Heat Generation Due to High-performance Computing
  5.4 Increase in Data Center Upgrading Projects
  5.5 Impact of Market Drivers in 2016-2022
  5.6 Impact of Market Drivers on Geographies In 2016
Section 6 Key Market Constraints
  6.1 Regulation to Reduce Carbon Emission
  6.2 Increased Cost of Power for Industry Use
  6.3 Need for Pre-requisite Infrastructure
  6.4 Impact of Market Restraints in 2016-2022
  6.5 Impact of Market Restraints on Geographies in 2016
Section 7 Key Market Trends
  7.1 Increased Demand for Free Cooling
  7.2 Increased Use of Precision Air Cooling
  7.3 Containerized Cooling Solutions
  7.4 Importance of Rack Level Cooling
  7.5 Focus on Liquid-based Cooling Solutions
  7.6 Impact of Market Trends in 2016-2022
  7.7 Impact of Market Trends on Geographies in 2016
Section 8 Market Landscape
  8.1 World is Experiencing Data Explosion Come
  8.2 There is a Need to Store Data for Long Period and Backup for Them
  8.3 Growth in Data Leads to More Data Center IT Equipment
  8.4 Need for More Data Center IT equipment
  8.5 More Data Center IT Equipment Means More Heat Generation
  8.6 More Heat Generation Leads to Need for Innovative Cooling
Section 9 Global Data Center Cooling Market
Section 10 Market Segmentation by Cooling Technique
  10.1 Overall Market Scenario
  10.2 Air-based Cooling: Market Size and Analysis
  10.3 Liquid-based Cooling: Market Size and Analysis
10.3.1 Liquid-based Cooling Sub-segmentation
10.3.2 Chilled Water-based Cooling: Market Size and Analysis
10.3.3 Liquid-immersion Cooling: Market Size and Analysis
10.4 Free Cooling Technique: Market Size and Analysis

Section 11 Market Segmentation by Cooling Architecture
11.1 Overall Scenario
11.2 Room Level Cooling: Market Size and Analysis
11.3 Row Level Cooling: Market Size and Analysis
11.4 Rack Level Cooling: Market Size and Analysis

Section 12 Market Segmentation by Cooling Solutions
12.1 Data Center Air Conditioner: Market Size and Analysis
12.2 Data Center Chillers: Market Size and Analysis
12.3 Data Center Economizers: Market Size and Analysis
12.4 Data Center Cooling Towers: Market Size and Analysis
12.5 Others Cooling Solutions: Market Size and Analysis

Section 13 Technology Adoption Cycle

Section 14 Market Segmentation by Geography

Section 15 Data Center Cooling Market in North America
15.1 Market Size and Analysis
15.2 Cooling Technique: Market Size and Analysis
15.3 Cooling Architecture: Market Size and Analysis
15.4 Data Center Cooling Market in US: Market Size and Analysis

Section 16 Data Center Cooling Market in Europe
16.1 Market Size and Analysis
16.2 Cooling Technique: Market Size and Analysis
16.3 Cooling Architecture: Market Size and Analysis
16.4 Data Center Cooling in Western Europe: Market Size and Analysis
16.5 Data Center Cooling in Nordic: Market Size and Analysis

Section 17 Data Center Cooling Market in APAC
17.1 Market Size and Analysis
17.2 Cooling Technique: Market Size and Analysis
17.3 Cooling Architecture: Market Size and Analysis
17.4 Data Center Cooling Market in China: Market Size and Analysis
17.5 Data Center Cooling in India: Market Size and Analysis
17.6 Data Center Cooling Solutions in SEA: Market Size and Analysis

Section 18 Data Center Cooling Market in MEA
18.1 Market Size and Analysis
18.2 Cooling Technique: Market Size and Analysis
18.3 Cooling Architecture: Market Size and Analysis

Section 19 Data Center Cooling Market in Latin America
19.1 Market Size and Analysis
19.2 Cooling Technique: Market Size and Analysis
19.3 Cooling Architecture: Market Size and Analysis

Section 20 Data Center Cooling Market in RoW
20.1 Market Size and Analysis
20.2 Cooling Technique: Market Size and Analysis
20.3 Cooling Architecture: Market Size and Analysis

Section 21 Competitive Landscape

Section 22 Key Vendor Analysis
22.1 Daikin
22.1.1 About the Company
22.1.2 Product Offering
22.1.3 Data Center Cooling Business Segment
22.1.4 Strength
22.1.5 Opportunities
22.2 Eaton
22.2.1 About the Company
22.2.2 Product Offering
22.2.3 Data Center Cooling Business Segment
22.2.4 Strength
22.2.5 Opportunities
22.3 Vertiv (Emersion Network Power)
22.3.1 About the Company
22.3.2 Product Offering
22.3.3 Data Center Cooling Business Segment
22.3.4 Strength
22.3.5 Opportunities
22.4 Rittal
22.4.1 About the Company
22.4.2 Product Offering
22.4.3 Data Center Cooling Business Segment
22.4.4 Strength
22.4.5 Opportunities
22.5 Schneider Electric
22.5.1 About the Company
22.5.2 Product Offering
22.5.3 Data Center Cooling Business Segment
22.5.4 Strength
22.5.5 Opportunities
22.6 Stulz
22.6.1 About the Company
22.6.2 Product Offering
22.6.3 Data Center Cooling Business Segment
22.6.4 Strength
22.6.5 Opportunities

Section 23 Emerging Vendors
23.1 Airedale Air Conditioning
23.1.1 About the Company
23.1.2 Product Offering
23.1.3 Data Center Cooling Business Segment
23.1.4 Strength
23.1.5 Opportunities
23.2 Alfa level
23.2.1 About the Company
23.2.2 Product Offering
23.2.3 Data Center Cooling Business Segment
23.2.4 Strength
23.2.5 Opportunities
23.3 Data Aire
23.3.1 About the Company
23.3.2 Product Offering
23.3.3 Data Center Cooling Business Segment
23.3.4 Strength
23.3.5 Opportunities
23.4 ebm-papst
23.4.1 About the Company
23.4.2 Product Offering
23.4.3 Data Center Cooling Business Segment
23.4.4 Strength
23.4.5 Opportunities
23.5 Trane
23.5.1 About the Company
23.5.2 Product Offering
23.5.3 Data Center Cooling Business Segment
23.5.4 Strength
23.5.5 Opportunities

Section 24 Vendors to Look for
24.1 3M
24.1.1 About the Company
24.1.2 Product Offering
24.1.3 Data Center Cooling Business Segment
24.2 Asetek
24.2.1 About the Company
24.2.2 Product Offering
24.2.3 Data Center Cooling Business Segment
24.3 Green Revolution Cooling
24.3.1 About the Company
24.3.2 Product Offering
24.3.3 Data Center Cooling Business Segment
24.4 LiquidCool Solutions
24.4.1 About the Company
24.4.2 Product Offering
24.4.3 Data Center Cooling Business Segment

Section 25 Other Vendors
25.1.1 Airedale
25.1.2 AIRSYS
25.1.3 AmeriCool
25.1.4 Chatsworth
25.1.5 Chilldyne
25.1.6 ClimateWorx
25.1.7 CMS
25.1.8 Colt
25.1.9 Coolerado 141
25.1.10 CoolIT Systems 141
25.1.11 Ecosaire 141
25.1.12 GEA Heat Exchangers
25.1.13 General Air Products
25.1.14 HP
25.1.15 InerTech
25.1.16 Instor
25.1.17 Koolant Koolers
25.1.18 Liquid Cool Solutions
25.1.19 Martin International Enclosures
25.1.20 Motivair
25.1.21 NGR Power Solutions
25.1.22 Nortek Air
25.1.23 Swegon
25.1.24 Tripp-Lite
25.1.25 United Metal Products

Section 26 Appendix

Section 27 Summary of Figures
27.1 Global Data Center Cooling Market: Key Market Numbers
27.2 Global Data Center Cooling Market by Cooling Architecture: Key Market Numbers
27.2.1 Room Level Cooling
27.2.2 Row Level Cooling
27.2.3 Rack Level Cooling
27.3 Global Data Center Cooling Market by Cooling Technique: Key Market Numbers
27.3.1 Air-based Cooling
27.3.2 Liquid-based Cooling
27.3.3 Chilled Water Cooling
27.3.4 Liquid Immersion Cooling
27.3.5 Free Cooling
27.4 North America: Data Center Cooling Market - Key Market Numbers
27.5 Europe: Data Center Cooling Market - Key Market Numbers
27.6 APAC: Data Center Cooling Market - Key Market Numbers
27.7 Latin America: Data Center Cooling Market - Key Market Numbers
27.8 MEA: Data Center Cooling Market - Key Market Numbers
27.9 ROW: Data Center Cooling Market - Key Market Numbers

List of Exhibits

Exhibit 1 Geographical Region
Exhibit 2 Segmentation of Global Data Center Cooling Market
Exhibit 3 Scope of the Report
Exhibit 4 Market Derivation
Exhibit 5 Average Mobile Data Traffic per Users per Month
Exhibit 6 Area of Construction and Growth Rate of Project Investment of New Data Centers
Exhibit 7 Heat Generation and AC Requirement
Exhibit 8 Year-on-Year Impact of Market Drivers 2016-2022
Exhibit 9 Impact of Market Drivers on Geographies in 2016
Exhibit 10 Carbon Emission Target by Countries and Power Usage by Data center
Exhibit 11 Average Cost of Power for Industry Use and Expected Increase in Price of Electricity 2016-2019
Exhibit 12 Year-on-Year Impact of Market Restraints in 2016-2022
Exhibit 13 Impact of Market Restraints on Geographies in 2016
Exhibit 14 Year-on-Year Impact of Market Trends 2016-2022
Exhibit 15 Impact of Market Trends on Geographies in 2016
Exhibit 16 Data Growth over Years
Exhibit 17 Internet-enabled Devices Penetration and Data Generation (2014-2016)
Exhibit 18 Activity in Social Networking Sites during one minute in 2016
Exhibit 19 Average Mobile Data Traffic per Users per Month
Exhibit 20 Global Data Center Cooling Market 2016-2022 (US$ billion)
Exhibit 21 Market Share of Global Data Center Cooling Market Segmentation by Cooling Technique
Exhibit 22 Global Data Center Cooling Market Segmentation by Cooling Technique 2016-2022 (US$ billion)
Exhibit 23 Growth Rate of Global Data Center Cooling Market Segmentation by Cooling Technique 2016-2022
Exhibit 24 Global Air-based Data Center Cooling Market 2016-2022 (US$ billion)
Exhibit 25 Global Air-based Data Center Cooling Market by Geographies in 2016 and 2022
Exhibit 26 Global Air-based Data Center Cooling Market by Geographies in 2016-2022 (in US$ billion)
Exhibit 27 Global Liquid-based Data Center Cooling Market 2016-2022 (US$ billion)
Exhibit 28 Global Liquid-based Data Center Cooling Market by Geographies in 2016 & 2022
Exhibit 29 Global Liquid-based Data Center Cooling Market by Geographies in 2016-2022 (in US$ billion)
Exhibit 30 Market Share of Global Liquid-based Data Center Cooling Market by Cooling Technique
Exhibit 31 Comparison of Growth Rate of Chilled Water Cooling vs. Liquid Cooling 2016-2022
Exhibit 32 Global Chilled Water-based Data Center Cooling Market 2016-2022 (US$ billion)
Exhibit 33 Global Liquid-immersion Cooling Market 2016-2022 (US$ Billion)
Exhibit 34 Global Free Cooling Data Center Cooling Market 2016-2022 (US$ billion)
Exhibit 35 Global Free Cooling Data Center Cooling Market by Geographies in 2016 and 2022
Exhibit 36 Global Free Cooling Data Center Cooling Market by Geographies in 2016-2022 (in US$ billion)
Exhibit 37 Comparison of Data Center Cooling Architecture
Exhibit 38 Market Share of Data Center Cooling Market by Cooling Architecture in 2016 and 2022
Exhibit 39 Global Data Center Cooling Market by Cooling Architecture in 2016-2022 (US$ billion)
Exhibit 40 Growth Rate of Global Data Center Cooling Market by Cooling Architecture 2016-2022
Exhibit 41 Global Room-level Data Center Cooling Market 2016-2022 (US$ billion)
Exhibit 42 Market Share of Global Room-level Data Center Cooling Market by Geographies in 2016 and 2022
Exhibit 43 Global Room-level Data Center Cooling Market by Geographies in 2016-2022 (US$ billion)
Exhibit 44 Global Row Level Data Center Cooling Market 2016-2022 (US$ billion)
Exhibit 45 Market Share of Global Row Level Data Center Cooling Market by Geographies in 2016 and 2022
Exhibit 46 Global Row Level Data Center Cooling Market by Geographies in 2016-2022 (US$ billion)
Exhibit 47 Global Rack Level Data Center Cooling Market 2016-2022 (US$ billion)
Exhibit 48 Market Share of Global Rack Level Data Center Cooling Market by Geographies in 2016 and 2022
Exhibit 49 Global Rack Level Data Center Cooling Market by Geographies in 2016-2022 (US$ billion)
Exhibit 50 Market Share of Data Center Cooling Market by Cooling Architecture in 2016 & 2022
Exhibit 51 Global Data Center Cooling Market by Cooling Architecture in 2016-2022 (US$ billion)
Exhibit 52 Growth Rate of Global Data Center Cooling Market by Cooling Architecture (2016-2022)
Exhibit 53 Global Data Center Air Conditioner Market 2016-2022 (US$ billion)
Exhibit 54 Global Data Center Chillers Market 2016-2022 (US$ billion)
Exhibit 55 Global Data Center Economizers Market 2016-2022 (US$ billion)
Exhibit 56 Global Data Center Cooling Towers Market 2016-2022 (US$ billion)
Exhibit 57 Global Data Center Other Cooling Solutions Market 2016-2022 (US$ billion)
Exhibit 58 Technology Adoption Cycle
Exhibit 59 Global Data Center Cooling Market Segmentation by Geography 2016 and 2022
Exhibit 60 Global Data Center Cooling Market Segmentation by Geography 2016-2022 (US$ billion)
Exhibit 61 Growth Rate of Global Data Center Cooling Market by Geography 2016-2022
Exhibit 62 Data Center Cooling Market in North America 2016-2022 (US$ billion)
Exhibit 63 Market Share of Data Center Cooling Market in North America by Cooling Technique in 2016 and 2022
Exhibit 64 Data Center Cooling Market in North America by Cooling Technique in 2016-2022 (US$ billion)
Exhibit 65 Data Center Liquid-cooling Market in North America by Cooling Technique in 2016-2022 (US$ billion)
Exhibit 66 Market Share of Data Center Cooling Market in North America by Cooling Architecture in 2016 and 2022
Exhibit 67 Data Center Cooling Market in North America by Cooling Architecture in 2016-2022 (US$ billion)
Exhibit 68 Data Center Cooling Market in US 2016-2022 (US$ billion)
Exhibit 69 Data Center Cooling Market in Europe 2016-2022 (US$ billion)
Exhibit 70 Market Share of Data Center Cooling Market in Europe by Cooling Technique in 2016 and 2022
Exhibit 71 Data Center Cooling Market in Europe by Cooling Technique in 2016-2022 (US$ billion)
Exhibit 72 Data Center Liquid-cooling Market in Europe by Cooling Technique in 2016-2022 (US$ billion)
Exhibit 73 Market Share of Data Center Cooling Market in Europe by Cooling Architecture in 2016 & 2022
Exhibit 74 Data Center Cooling Market in North America by Cooling Architecture in 2016-2022 (US$ billion)
Exhibit 75 Data Center Cooling Market in Western Europe 2016-2022 (US$ billion)
Exhibit 76 Data Center Cooling Market in Nordic 2016-2022 (US$ billion)
Exhibit 77 Data Center Cooling Market in APAC 2016-2022 (US$ billion)
Exhibit 78 Market share of Data Center Cooling in APAC by Cooling Technique in 2016 and 2022
Exhibit 79 Data Center Cooling Market in APAC by Cooling Technique in 2016 and 2022 (US$ billion)
Exhibit 80 Data Center Liquid-cooling Market in APAC by Cooling Technique in 2016-2022 (US$ billion)
Exhibit 81 Market Share of Data Center Cooling Market in APAC by Cooling Architecture in 2016 and 2022
Exhibit 82 Data Center Cooling Market in APAC by Cooling Architecture in 2016-2022 (US$ billion)
Exhibit 83 Data Center Cooling Market in China 2016-2022 (US$ billion)
Exhibit 84 Data Center Cooling Solutions Market in India 2016-2022 (US$ billion)
Exhibit 85 Data Center Cooling Market in SEA 2016-2022 (US$ billion)
Exhibit 86 Data Center Cooling Market in MEA 2016-2022 (US$ billion)
Exhibit 87 Market share of Data Center Cooling Market in MEA by Cooling Technique in 2016 and 2022
Exhibit 88 Data Center Cooling Market in MEA by Cooling Technique in 2016 and 2022 (US$ billion)
Exhibit 89 Data Center Liquid-cooling Market in MEA by Cooling Technique in 2016-2022 (US$ billion)
Exhibit 90 Market Share of Data Center Cooling Market in MEA by Cooling Architecture in 2016 and 2022
Exhibit 91 Data Center Cooling Market in MEA by Cooling Architecture in 2016-2022 (US$ billion)
Exhibit 92 Data Center Cooling Market in Latin America 2016-2022 (US$ billion)
Exhibit 93 Market Share of Data Center Cooling Market in Latin America by Cooling Technique in 2016 and 2022
Exhibit 94 Data Center Cooling Market in Latin America by Cooling Technique in 2016 and 2022 (US$ billion)
Exhibit 95 Data Center Liquid-cooling Market in Latin America by Cooling Technique in 2016-2022 (US$ billion)
Exhibit 96 Market Share of Data Center Cooling Market in Latin America by Cooling Architecture in 2016 and 2022
Exhibit 97 Data Center Cooling Market in Latin America by Cooling Architecture in 2016-2022 (US$ billion)
Exhibit 98 Data Center Cooling Market in RoW 2016-2022 (US$ billion)
Exhibit 99 Market share of Data Center Cooling Market in RoW by Cooling Technique in 2016 and 2022
Exhibit 100 Data Center Cooling Market in RoW by Cooling Technique in 2016 and 2022 (US$ billion)
Exhibit 101 Data Center Liquid-cooling Market in RoW by Cooling Technique in 2016-2022 (US$ billion)
Exhibit 102 Market Share of Data Center Cooling Market in RoW by Cooling Architecture in 2016 and 2022
Exhibit 103 Data Center Cooling Market in RoW by Cooling Architecture in 2016-2022 (US$ billion)
Exhibit 104 Leading Vendors by Geographies
Exhibit 105 Global Data Center Cooling Market Size and Growth Rate 2016-2022
Exhibit 106 Global Data Center Cooling Market by Cooling Technique 2016-2022
Exhibit 107 Global Data Center Cooling Market by Cooling Architecture 2016-2022
Exhibit 108 Global Data Center Cooling Market by Cooling Solutions 2016-2022
Exhibit 109 Global Data Center Cooling Market by Geography 2016-2022
Exhibit 110 Global Data Center Room Level Cooling Market 2016-2022
Exhibit 111 Global Data Center Room Level Cooling Market by Geography 2016-2022
Exhibit 112 Global Data Center Row Level Cooling Market 2016-2022
Exhibit 113 Global Data Center Row Level Cooling Market by Geography 2016-2022
Exhibit 114 Global Data Center Row Level Cooling Market 2016-2022
Exhibit 115 Global Data Center Row Level Cooling Market by Geography 2016-2022
Exhibit 116 Global Data Center Air-based Cooling Market 2016-2022
Exhibit 117 Global Data Center Air-based Cooling Market by Geography 2016-2022
Exhibit 118 Global Data Center Liquid-based Cooling Market 2016-2022
Exhibit 119 Global Data Center Liquid-based Cooling Market by Geography 2016-2022
Exhibit 120 Global Data Center Chilled Water Cooling Market 2016-2022
Exhibit 121 Global Data Center Chilled Water Cooling Market by Geography 2016-2022
Exhibit 122 Global Data Center Chilled Water Cooling Market 2016-2022
Exhibit 123 Global Data Center Chilled Water Cooling Market by Geography 2016-2022
Exhibit 124 Global Data Center Free Cooling Market 2016-2022
Exhibit 125 Global Data Center Free Cooling Market by Geography 2016-2022
Exhibit 126 Data Center Cooling Revenue and Growth Rate in North America 2016-2022
Exhibit 127 Data Center Cooling Revenue and Growth Rate in US 2016-2022
Exhibit 128 Data Center Cooling Market in North America by Cooling Technique 2016-2022
Exhibit 129 Data Center Cooling Market in North America by Liquid Cooling Technique 2016-2022
Exhibit 130 Data Center Cooling Market in North America by Cooling Architecture 2016-2022
Exhibit 131 Data Center Cooling Revenue and Growth Rate in Europe 2016-2022
Exhibit 132 Data Center Cooling Revenue and Growth Rate in Europe by Key Region 2016-2022
Exhibit 133 Data Center Cooling Market in Europe by Cooling Technique 2016-2022
Exhibit 134 Data Center Cooling Market in Europe by Liquid Cooling Technique 2016-2022
Exhibit 135 Data Center Cooling Market in Europe by Cooling Architecture 2016-2022
Exhibit 136 Data Center Cooling Revenue and Growth Rate in APAC 2016-2022
Exhibit 137 Data Center Cooling Revenue and Growth Rate in APAC by Key Countries 2016-2022
Exhibit 138 Data Center Cooling Market in APAC by Cooling Technique 2016-2022
Exhibit 139 Data Center Cooling Market in APAC by Liquid Cooling Technique 2016-2022
Exhibit 140 Data Center Cooling Market in APAC by Cooling Architecture 2016-2022
Exhibit 141 Data Center Cooling Revenue and Growth Rate in Latin America 2016-2022
Exhibit 142 Data Center Cooling Market in Latin America by Cooling Technique 2016-2022
Exhibit 143 Data Center Cooling Market in Latin America by Liquid Cooling Technique 2016-2022
Exhibit 144 Data Center Cooling Market in Latin America by Cooling Architecture 2016-2022
Exhibit 145 Data Center Cooling Revenue and Growth Rate in MEA 2016-2022
Exhibit 146 Data Center Cooling Market in MEA by Cooling Technique 2016-2022
Exhibit 147 Data Center Cooling Market in MEA by Liquid Cooling Technique 2016-2022
Exhibit 148 Data Center Cooling Market in MEA by Cooling Architecture 2016-2022
Exhibit 149 Data Center Cooling Revenue and Growth Rate in ROW 2016-2022
Exhibit 150 Data Center Cooling Market in ROW by Cooling Technique 2016-2022
Exhibit 151 Data Center Cooling Market in ROW by Liquid Cooling Technique 2016-2022
Exhibit 152 Data Center Cooling Market in ROW by Cooling Architecture 2016-2022

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