Chillers Market by Type (Screw, Scroll, Centrifugal, Absorption, and Reciprocating), by End-Use Industry (Plastics, Chemicals & Petrochemicals, Medical & Pharmaceutical, Rubber, Food & Beverage, and Others), and by Region - Global Forecast to 2021

Description:

Increasing cooling needs in industrial applications is a prime factor for the growth of the chillers market. The global chillers market size (2016–2021) is estimated to reach USD 10.84 billion by 2021 at a CAGR of 4.24%. With the rising per capita income, the standard of living is also increasing, which further translates to the rising demand for comfort and leisure products. Cooling products such as refrigerators and air conditioners are among these key products. The growing food and healthcare industry is the driving force for the cooling equipment market. Factors such as increasing population and rising consumption of frozen food are also contributing significantly to the increase in the refrigeration equipment market.

“Plastics: the largest end-use industry segment of chillers”

Chillers are used in various end-use industries such as plastics, chemicals & petrochemicals, food & beverages, rubber, medical & pharmaceutical, and others. In 2015, the plastics segment accounted for the largest market share among all the applications, in terms of value, followed by chemicals & petrochemicals, food & beverages, and rubber industries. Among all the applications, chemicals & petrochemicals is estimated to register the highest CAGR between 2016 and 2021 in terms of value.

“Rising demand for chillers from the developing markets of Asia-Pacific is the major driver for the chillers market”

In 2015, Asia-Pacific is estimated to account for the largest market share, in terms of value, and is estimated to remain the market leader during the forecast period. High industrial growth resulted in an increased demand for chillers in different industrial applications such as in the chemicals & petrochemicals and food & beverages industries. This growth is further supported by the growing medical & pharmaceutical industry in Asia-Pacific due to the increased governmental investments in the healthcare sector. China accounted for the largest market share in this region due to the increased demand for chemicals in the last 2–3 years. Other emerging economies, such as India and Brazil, are the markets which are projected to grow rapidly.

In the process of determining and verifying the market size for several segments and subsegments gathered through secondary research, extensive primary interviews were conducted. The breakdown of primary interviews is given below.

- By Company Type - Tier 1 - 33%, Tier 2 – 60%, and Others - 7%
- By Designation - C level - 56%, Director level - 33%, and Others - 11%
- By Region - North America - 13%, Europe - 47%, Asia-Pacific - 20%, the Middle East & Africa- 13%, and Latin America- 7%

The key companies profiled in this market research report are Daikin Industries Ltd. (Japan), Johnson Controls (U.S.), Trane Inc. (Ireland), Carrier Corporation (U.S.), Smardt Chiller Group (Canada), Thermax Inc. (U.S.), and Climaveneta S.p.A. (Italy).

The report will help the market leaders/new entrants in this market in the following ways:

1. This report segments the chillers market comprehensively and provides the closest approximations of the revenue numbers for the overall market and the subsegments across the different verticals and regions.

2. It will help stakeholders to understand the pulse of the market and provide them information on key market drivers, restraints, challenges, and opportunities.

3. It will help stakeholders to understand the competitors and gain more insights to better their position in the business. The competitive landscape section includes new product developments, partnerships, and mergers & acquisitions.
1 Introduction
1.1 Objectives of the Study
1.2 Market Definition
1.3 Market Scope
  1.3.1 Markets Covered
  1.3.2 Years Considered for the Study
  1.3.3 Currency
1.4 Stakeholders

2 Research Methodology
2.1 Research Data
  2.1.1 Secondary Data
    2.1.1.1 Key Data From Secondary Sources
  2.1.2 Primary Data
    2.1.2.1 Key Data From Primary Sources
    2.1.2.2 Breakdown of Primary Interviews
2.2 Market Size Estimation
  2.2.1 Bottom-Up Approach
  2.2.2 Top-Down Approach
2.3 Market Breakdown and Data Triangulation
  2.3.1 Assumptions
  2.3.2 Limitations

3 Executive Summary

4 Premium Insights
4.1 Significant Market Opportunities in Chillers Market
4.2 The Largest and Fastest-Growing Applications of Chillers Market
4.3 Chillers Market in Asia-Pacific, 2015
4.4 Chillers Market Share, By Region
4.5 Chillers Market, By Type, 2016 - 2021 (USD Million)
4.6 Life Cycle Analysis, By Region

5 Market Overview
5.1 Introduction
5.2 Market Segmentation
5.3 Market Dynamics
  5.3.1 Drivers
    5.3.1.1 Increasing Demand for Process Cooling in Industrial Applications
    5.3.1.2 Rising Demand for Chillers From Developing Markets of Asia-Pacific
    5.3.1.3 Growing Usage of Chillers in Solar Cooling Applications
  5.3.2 Restraints
    5.3.2.1 Slow Growth of Chillers Market in Europe and North America
  5.3.3 Opportunities
    5.3.3.1 Emerging Demand for Absorption Chillers
  5.3.4 Challenges
    5.3.4.1 Regulations Pertaining to Fluorinated Greenhouse Gases

6 Industry Trends
6.1 Introduction
6.2 Value Chain Analysis
6.3 Porter's Five Forces Analysis
  6.3.1 Threat of New Entrants
  6.3.2 Threat of Substitutes
  6.3.3 Bargaining Power of Buyers
  6.3.4 Bargaining Power of Suppliers
  6.3.5 Intensity of Competitive Rivalry
6.4 Raw Material Analysis
  6.4.1 Steel
  6.4.2 Non-Steel
6.5 Patent Analysis
6.6 Chillers: Chilling Medium
  6.6.1 Fluorocarbon
6.6.1.1 Chlorofluorocarbon
6.6.1.2 Hydrofluorocarbon
6.6.2 Inorganic Compounds
6.6.3 Ammonia

7 Macroeconomic Overview and Key Drivers
7.1 Introduction
7.2 Trends and Forecast of GDP
7.3 Per Capita GDP vs Per Capita Chillers Demand
7.3.1 Trends and Forecast of Pharmaceutical Industry in Asia-Pacific

8 Chillers Market, By Capacity Range
8.1 Introduction

9 Chillers Market, By Type
9.1 Introduction
9.1.1 Scroll Chillers
9.1.2 Screw Chillers
9.1.3 Centrifugal Chillers
9.1.4 Reciprocating Chillers
9.1.5 Absorption Chillers

10 Chillers Market, By End-Use Industry
10.1 Introduction
10.2 Plastics
10.3 Food & Beverage
10.4 Chemicals & Petrochemicals
10.5 Rubber
10.6 Medical & Pharmaceutical
10.7 Others

11 Chillers Market, By Region
11.1 Introduction
11.2 North America
11.2.1 U.S.
11.2.2 Canada
11.2.3 Mexico
11.3 Asia-Pacific
11.3.1 China
11.3.2 India
11.3.3 Japan
11.3.4 South Korea
11.3.5 Indonesia
11.3.6 Thailand
11.3.7 Taiwan
11.4 Europe
11.4.1 Germany
11.4.2 France
11.4.3 Italy
11.4.4 Russia
11.4.5 U.K.
11.4.6 Turkey
11.5 Middle East & Africa
11.5.1 Saudi Arabia
11.5.2 U.A.E.
11.5.3 Qatar
11.5.4 South Africa
11.6 Latin America
11.6.1 Brazil

12 Competitive Landscape
12.1 Overview
12.2 Competitive Situations and Trends
12.4 Revenue Pocket Matrix
  12.4.1 Revenue Pocket Matrix for Types
  12.4.2 Revenue Pocket Matrix for End-Use Industries
12.5 Key Growth Strategies in the Chillers Market, 2011 - 2016
12.6 Expansions, Joint Ventures, and Acquisitions
12.7 New Product Launches

13 Company Profile
13.1 Introduction
13.2 Daikin Industries Ltd.
  13.2.1 Business Overview
  13.2.2 Products Offered
  13.2.3 Recent Developments
  13.2.4 SWOT Analysis
  13.2.5 MnM View
13.3 Carrier Corporation
  13.3.1 Business Overview
  13.3.2 Products Offered
  13.3.3 Recent Developments
  13.3.4 MnM View
13.4 Trane Inc.
  13.4.1 Business Overview
  13.4.2 Products Offered
  13.4.3 Recent Developments
  13.4.4 SWOT Analysis
  13.4.5 MnM View
13.5 Johnson Controls
  13.5.1 Business Overview
  13.5.2 Products Offered
  13.5.3 Recent Developments
  13.5.4 SWOT Analysis
  13.5.5 MnM View
13.6 Smardt Chiller Group Inc.
  13.6.1 Business Overview
  13.6.2 Products Offered
  13.6.3 Recent Developments
  13.6.4 MnM View
13.7 Broad Air Conditioning Co., Ltd.
  13.7.1 Business Overview
  13.7.2 Products Offered
  13.7.3 MnM View
13.8 Thermax Ltd.
  13.8.1 Business Overview
  13.8.2 Products Offered
  13.8.3 Recent Developments
  13.8.4 MnM View
13.9 Polyscience
  13.9.1 Business Overview
  13.9.2 Products Offered
  13.9.3 Recent Developments
  13.9.4 MnM View
13.10 Climaveneta S.P.A.
  13.10.1 Business Overview
  13.10.2 Products Offered
  13.10.3 MnM View
13.11 Hitachi Appliances Inc.
  13.11.1 Business Overview
  13.11.2 Products Offered
  13.11.3 Recent Developments
  13.11.4 MnM View
13.12 Shuangliang ECO-Energy Systems Co. Ltd.
  13.12.1 Business Overview
13.12.2 Products Offered
13.13 The Linde Group
  13.13.1 Business Overview
  13.13.2 Products Offered
  13.13.3 MnM View
13.14 Midea Group
  13.14.1 Business Overview
  13.14.2 Products Offered
13.15 GEA Group
  13.15.1 Business Overview
  13.15.2 Products Offered
  13.15.3 SWOT Analysis
  13.15.4 MnM View

14 Appendix
  14.1 Insights From Industry Experts
  14.2 Discussion Guide

List of Tables

Table 1 Chillers Market Size, By Region, 2014 - 2021 (USD Million)
Table 2 Chillers Market, By Type
Table 3 Chillers Market, By End-Use Industry
Table 4 Trends and Forecast of GDP, USD Billion, (2015 - 2021)
Table 5 Per Capita GDP vs Per Capita Chillers Demand, 2015
Table 6 Trends and Forecast of Pharmaceutical Industry in Asia-Pacific, 2014 - 2021 (USD Billion)
Table 7 Chillers Market, By Capacity Range (Kw Million), 2014 - 2021
Table 8 Scroll Chillers Market Size, By Region, 2014 - 2021 (USD Million)
Table 9 Screw Chillers Market Size, By Region, 2014 - 2021 (USD Million)
Table 10 Centrifugal Chillers Market Size, By Region, 2014 - 2021 (USD Million)
Table 11 Reciprocating Chillers Market Size, By Region, 2014 - 2021 (USD Million)
Table 12 Absorption Chillers Market Size, By Region, 2014 - 2021 (USD Million)
Table 13 Chillers Market, By End-Use Industry, 2014 - 2021 (USD Million)
Table 14 Chillers Market in Plastics End-Use Industry, By Region, 2014 - 2021 (USD Million)
Table 15 Chillers Market in Food & Beverage End-Use Industry, By Region, 2014 - 2021 (USD Million)
Table 16 Chillers Market in Chemicals & Petrochemicals End-Use Industry, By Region, 2014 - 2021 (USD Million)
Table 17 Chillers Market in Rubber End-Use Industry, By Region, 2014 - 2021 (USD Million)
Table 18 Chillers Market in Medical & Pharmaceutical End-Use Industry, By Region, 2014 - 2021 (USD Million)
Table 19 Chillers Market in Others End-Use Industry, By Region, 2014 - 2021 (USD Million)
Table 20 Chillers Market, By Region, 2014 - 2021 (USD Million)
Table 21 North America: Chillers Market Size, By Country, 2014 - 2021 (USD Million)
Table 22 North America: Chillers Market Size, By Type, 2014 - 2021 (USD Million)
Table 23 North America: Chillers Market Size, By End-Use Industry, 2014 - 2021 (USD Million)
Table 24 U.S.: Chillers Market Size, By Type, 2014 - 2021 (USD Million)
Table 25 U.S.: Chillers Market Size, By End-Use Industry, 2014 - 2021 (USD Million)
Table 26 Canada: Chillers Market Size, By Type, 2014 - 2021 (USD Million)
Table 27 Canada: Chillers Market Size, By End-Use Industry, 2014 - 2021 (USD Million)
Table 28 Mexico: Chillers Market Size, By Type, 2014 - 2021 (USD Million)
Table 29 Mexico: Chillers Market Size, By End-Use Industry, 2014 - 2021 (USD Million)
Table 30 Asia-Pacific Chillers Market Size, By Country, 2014 - 2021 (USD Million)
Table 31 Asia-Pacific Chillers Market Size, By Type, 2014-2021 (USD Million)
Table 32 Asia-Pacific Chillers Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 33 China Chillers Market, By Type, 2014-2021 (USD Million)
Table 34 China Chillers Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 35 India Chillers Market Size, By Type, 2014-2021 (USD Million)
Table 36 India Chillers Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 37 Japan Chillers Market Size, By Type, 2014-2021 (USD Million)
Table 38 Japan Chillers Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 39 South Korea Chillers Market Size, By Type, 2014-2021 (USD Million)
Table 40 South Korea Chillers Market Size, By End-Use Industry, 2014-2021 (USD Million)
Table 41 Indonesia Chillers Market Size, By Type, 2014-2021 (USD Million)
Table 42 Indonesia Chillers Market, By End-Use Industry, 2014-2021 (USD Million)
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Chillers Market by Type (Screw, Scroll, Centrifugal, Absorption, and Reciprocating), by End-Use Industry (Plastics, Chemicals & Petrochemicals, Medical & Pharmaceutical, Rubber, Food & Beverage, and Others), and by Region - Global Forecast to 2021
Web Address: http://www.researchandmarkets.com/reports/3742637/
Office Code: SCH3RWP7

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User:</td>
<td>USD 5650</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 5 Users:</td>
<td>USD 6650</td>
</tr>
<tr>
<td>Electronic (PDF) - Site License:</td>
<td>USD 8150</td>
</tr>
<tr>
<td>Electronic (PDF) - Enterprisewide:</td>
<td>USD 10000</td>
</tr>
</tbody>
</table>

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof [ ]
First Name: ___________________________________________ Last Name: ___________________________________________
Email Address: * ___________________________________________
Job Title: ___________________________________________
Organisation: ___________________________________________
Address: ___________________________________________
City: ___________________________________________
Postal / Zip Code: ___________________________________________
Country: ___________________________________________
Phone Number: ___________________________________________
Fax Number: ___________________________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:

Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:

Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: ______________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World