

Global Temperature-Control Equipment Market Forecast and Analysis 2016-2021

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Abstracts

This report provides detailed analysis of worldwide markets for Temperature-Control Equipment from 2011-2016, and provides extensive market forecasts (2016-2021) by region/country and subsectors. It covers the key technological and market trends in the Temperature-Control Equipment market and further lays out an analysis of the factors influencing the supply/demand for Temperature-Control Equipment, and the opportunities/challenges faced by industry participants. It also acts as an essential tool to companies active across the value chain and to the new entrants by enabling them to capitalize the opportunities and develop business strategies.

A temperature controller is a device that controls the outputs of a heating or cooling system. This control is achieved by linking temperature sensors installed in the heated area or system to the controller. The data captured by the sensors is compared to a user preset reference; if the temperature in the system should deviate from it, the controller either activates or deactivates the heat or cooling source accordingly. There are three main categories of temperature controller operation: on/off control, proportional control, and PID control. Each fulfills the same basic function of controlling the temperature but offer differing levels of sophistication and functionality. Heating and cooling systems typically consist of three basic components: a thermal source, a control mechanism, and one or more sensors. Depending on the complexity of the system and the level of precision required in the control of temperatures, the control and sensor mechanisms may be no more complex than a bimetal switch. Extended, intricate production systems may, on the other hand, feature sophisticated computerized controls which drive several heat sources based on the data received from numerous sensors. To achieve this range of control intervention, thermal dependent systems use one of three basic types of temperature controller.

GCC's report, Global Temperature-Control Equipment Market Forecast and Analysis 2016-2021, has been prepared based on the synthesis, analysis, and interpretation of information about the global Temperature-Control Equipment market collected from specialized sources. The report covers key technological developments in the recent times and profiles leading players in the market and analyzes their key strategies. The competitive landscape section of the report provides a clear insight into the market share analysis of key industry players. The major players in the global Temperature-Control Equipment market are Honeywell, MKS, Phoenix Contact, Spectris, CAREL, Schneider Electric, ABB, Omron, Shimaden, RKC, Xiamen Yudian, New Asia.

The report provides separate comprehensive analytics for the North America, Europe, Asia-Pacific, Middle East and Africa and Rest of World. In this sector, global competitive landscape and supply/demand pattern of Temperature-Control Equipment industry has been provided.

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ABBREVIATIONS

DISCLAIMER

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