

# **Global Radiant Electric Floor Heating Market Size study & Forecast, by Type (Electric, Hydronic, Others), by Application (Commercial, Residential, Others) and Regional Analysis, 2023-2030**

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## **Abstracts**

Global Radiant Electric Floor Heating Market is valued approximately at USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2023-2030. A radiant floor heating system is a form of heating that transfers heat from a moderately hot object, effectively regulating indoor temperatures. This type of heating is characterized by having the heat source positioned beneath the floor, ensuring even distribution of warmth as the heated air rises and displaces colder air. Radiant floor systems come in various types, with electric systems being particularly popular. In radiant electric floor heating, heat-conducting plastic mats with electrically heated coils are used. These systems provide direct radiant heat to the floor, panels in the walls, or ceiling of a building. Typically, it takes around 30 minutes to an hour for the floor and space to reach the desired temperature. The factors boosting the growth of the market are surge in green building development, growing investment in energy efficient buildings, and increasing retrofit and renovation activities.

According to Statista Research Department, the global investments in energy-efficient buildings peaked in 2022, but to achieve net-zero by 2050, annual investments of over half a trillion U.S. dollars are required between 2026 and 2030. Meeting this goal necessitates a substantial and rapid increase in investment levels. The retrofit and renovation market is also boosting the growth of the radiant electric floor heating industry. Moreover, rising government support and incentives and expansion of Renewable Energy Sources such as geothermal, creates lucrative opportunities for the market. However, the high installation cost of Radiant Electric Floor Heating stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Radiant Electric Floor Heating Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 with largest market share due to increasing focus on energy efficiency and sustainable living. The cold climate conditions in many areas make radiant electric floor heating an attractive and effective heating solution. The ongoing renovation and retrofitting activities in the region also contribute to the market's growth. However, Asia Pacific is expected to be the fastest growing region during the forecast period, owing to factors such as rapid urbanization, increasing disposable incomes, and a growing focus on energy efficiency. The region's construction boom and the demand for modern heating solutions contribute to market growth. Government initiatives promoting sustainable living and energy-efficient technologies further boost the adoption of radiant electric floor heating systems.

Major market player included in this report are:

Nuheat

Watts Radiant

SunTouch

Heavenly Heat

Warmup plc

Warmboard

Emerson Electric Co.

Amuheat Pty Ltd

Honeywell International Inc.

Schneider Electric SE

Recent Developments in the Market:

In October 2022, SunTouch, a brand under Watts, launched its new Certified SunTouch Installer Program. This program aims to provide certification to installers who demonstrate expertise in working with SunTouch radiant electric floor heating systems. In February 2021, Polypipe Group plc, a prominent manufacturer of water and climate management solutions, acquired Nu-Heat (Holdings) Limited. Nu-Heat is a leading provider of sustainable underfloor heating solutions, air and ground source heat pumps, and other renewable heating systems. The acquisition was completed for a total consideration of ?27 million, on a cash-free and debt-free basis.

Global Radiant Electric Floor Heating Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Type, Application, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Electronic

Hydronic

Others

By Application:

Commercial

Residential

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

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