

# Global Industrial Electric Heating Element Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

https://marketpublishers.com/r/G62C77E436A3EN.html

Date: June 2025

Pages: 162

Price: US\$ 3,480.00 (Single User License)

ID: G62C77E436A3EN

#### **Abstracts**

According to our (Global Info Research) latest study, the global Industrial Electric Heating Element market size was valued at US\$ 3183 million in 2024 and is forecast to a readjusted size of USD 4028 million by 2031 with a CAGR of 3.5% during review period.

Industrial electric heating element is a heating device converts electricity into heat through the process of resistive or Joule heating. Electric current passing through the element encounters resistance, resulting in heating of the element. Unlike the Peltier effect, this process is independent of the direction of current flow. In this report, Industrial electric heating element refers to heaters used in industrial environments, which are different from commercial heaters, such as household appliances.

Asia -Pacific is the largest consumption region of Industrial Electric Heating Element, with a consumption market share nearly 50%, The second place is Europe, following Asia -Pacific with the consumption market share over 23%. The key players are NIBE, Zoppas Industries, Watlow (Tinicum), Spirax-Sarco Engineering plc and Thermon etc. Top 5 companies occupied about 26% market share.

Industrial electric heating elements play a crucial role in various manufacturing processes, providing the necessary heat for applications ranging from material processing to energy production. The market for these elements has been steadily expanding due to technological innovations, the rise of industrialization, and a growing focus on energy efficiency. Companies are increasingly developing more energy-efficient heating elements to meet industry demands, while offering customized solutions to cater to specific applications. The use of advanced materials such as



ceramic and silicon carbide has also contributed to improving the durability and performance of these components. Additionally, the integration of heating elements with the Internet of Things (IoT) is allowing for remote monitoring and control, enhancing operational efficiency and reducing downtime.

However, there are several challenges that the industrial electric heating element market faces. High energy costs can significantly impact industries reliant on electric heating, particularly in regions where electricity prices are high. Temperature control remains a critical issue, especially in applications requiring precise and consistent heating. Durability is another concern, as the need to minimize downtime and maintenance costs places high demands on the longevity of heating elements. Additionally, regulatory compliance related to safety and environmental standards can be both complex and costly for manufacturers.

On the flip side, the market is ripe with opportunities. Emerging markets in developing countries are driving increased demand as industrialization accelerates, while new applications in sectors such as electric vehicles, renewable energy, and advanced manufacturing are expanding the potential uses of industrial heating elements. Technological advancements in material science and heating element design continue to offer prospects for creating even more efficient and robust products. Furthermore, companies that offer highly customized solutions tailored to niche markets can carve out competitive advantages in this space.

Regionally, Asia dominates the market, with China, India, and other rapidly industrializing countries leading the demand for industrial electric heating elements. Europe, with its strong focus on manufacturing and energy efficiency, remains a significant market, particularly in countries like Germany, France, and the United Kingdom. North America, including the United States and Canada, also presents substantial demand across various industrial sectors. Additionally, regions such as Latin America, Africa, and the Middle East are emerging as growing markets as their manufacturing sectors expand.

In conclusion, the market for industrial electric heating elements is poised for continued growth, driven by the rise of industrialization, advancements in technology, and the emphasis on energy-efficient solutions. Manufacturers that can navigate the challenges and leverage the growing opportunities will be well-positioned for success in this competitive landscape.

This report is a detailed and comprehensive analysis for global Industrial Electric



Heating Element market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

#### Key Features:

Global Industrial Electric Heating Element market size and forecasts, in consumption value (\$ Million), sales quantity (M Units), and average selling prices (USD/Unit), 2020-2031

Global Industrial Electric Heating Element market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (M Units), and average selling prices (USD/Unit), 2020-2031

Global Industrial Electric Heating Element market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (M Units), and average selling prices (USD/Unit), 2020-2031

Global Industrial Electric Heating Element market shares of main players, shipments in revenue (\$ Million), sales quantity (M Units), and ASP (USD/Unit), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Industrial Electric Heating Element

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Industrial Electric Heating Element market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include NIBE, Zoppas Industries, Watlow (Tinicum), Spirax-Sarco Engineering plc, Thermon, Thermowatt (Ariston Thermo),



Tempco Electric Heater Corporation, Hotset GmbH, Durex Industries, Tutco, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Industrial Electric Heating Element market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.



Market segment by Application

Chemical & Plastics Industry

Pharmaceutical Industry

Others



Major players covered	
NIBE	
Zoppas Industries	
Watlow (Tinicum)	
Spirax-Sarco Engineering plc	
Thermon	
Thermowatt (Ariston Thermo)	
Tempco Electric Heater Corporation	
Hotset GmbH	
Durex Industries	
Tutco	
Indeeco	
Holroyd Components Ltd	
Friedr. Freek GmbH	
Minco Products, Inc.	
Industrial Heater Corporation	
OMEGA(Spectris plc)	
Wattco	

**Thermal Corporation** 



Heatwell

**Dongfang Heater** 

Sanhua

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Industrial Electric Heating Element product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Industrial Electric Heating Element, with price, sales quantity, revenue, and global market share of Industrial Electric Heating Element from 2020 to 2025.

Chapter 3, the Industrial Electric Heating Element competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Industrial Electric Heating Element breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market



share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025.and Industrial Electric Heating Element market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Industrial Electric Heating Element.

Chapter 14 and 15, to describe Industrial Electric Heating Element sales channel, distributors, customers, research findings and conclusion.



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