

Industrial Electric Heating Element Market By Type (Immersion Heaters, Tubular Heaters, Circulation Heaters, Band Heaters, Strip Heaters, Hoil heaters, Flexible Heaters) , By Application (Chemical and Plastics Industry, Oil and Gas, Building Construction, Pharmaceutical Industry, Food Industry) : Global Opportunity Analysis and Industry Forecast, 2024-2032

<https://marketpublishers.com/r/I1FEB59EB38AEN.html>

Date: August 2024

Pages: 220

Price: US\$ 2,493.00 (Single User License)

ID: I1FEB59EB38AEN

Abstracts

Industrial Electric Heating Element Market

The industrial electric heating element market was valued at \$2.8 billion in 2023 and is projected to reach \$4.5 billion by 2032, growing at a CAGR of 5.3% from 2024 to 2032.

Industrial electric heating element is an equipment that makes use of Joule heating method to transform electric energy into heat. Joule heating is the process in which electric current passes through a conductor, resulting in collision between charge carriers and ions of the conductor. Industrial electric heating elements exist in various forms such as coils, rods, tubes, and plates; with the capability to sustain unfavorable environments and high temperatures. Different types of heating elements include ceramic band heaters, immersion heaters, cartridge heaters, flexible heaters, and electrical coil heaters.

Rapid expansion of industrialization and emergence of manufacturing sectors are driving the growth of the industrial electric heating element market. In addition, surge in awareness regarding energy efficiency is boosting the adoption of heating elements

over traditional heating methods. This adoption aids industries in regulating their operational costs and augments the market development. With increasing need for precise heating, the development of industrial electric heating elements with heat control ability is acquiring traction. These elements deliver precise temperatures for different industrial processes and are being adopted across several industries, including pharmaceuticals, food processing, and chemical & plastics.

However, continuous operation of heating elements leads to high electricity costs that deters various small-scale organizations from investing in them and hampers the development of the industrial electric heating element market. Furthermore, the presence of competent alternatives such as steam and gas heating restrains the market growth significantly. On the contrary, with rising adoption of automation and IoT integration across industries, the deployment of smart capabilities into heating elements is anticipated to open new avenues for the market. Smart heating elements are projected to reduce the downtime of industries by minimizing errors. As per a report by McKinsey & Company, digitization and automation lead to more than 65% decline in overall deviations in the manufacturing sector.

Segment Review

The industrial electric heating element market is segmented into type, application, and region. On the basis of type, the market is divided into immersion heaters, tubular heaters, circulation heaters, band heaters, strip heaters, coil heaters, and flexible heaters. Depending on application, it is classified into chemical & plastics industry, oil & gas, building construction, pharmaceutical industry, and food industry. Region wise, it is analyzed across North America, Europe, Asia-Pacific, Latin America, and Middle East & Africa.

Key Findings

On the basis of type, the immersion heaters segment is expected to dominate the market during the forecast period.

Depending on application, the chemical & plastics industry segment is projected to be the highest shareholder throughout the forecast period.

Region wise, Asia-Pacific is anticipated to be the highest revenue generator by 2032.

Competition Analysis

The leading players operating in the global industrial electric heating element market include Watlow Electric Manufacturing Company, Chromalox, Inc., Honeywell International Inc., THERMCRAFT, INC. (AECO Corp.), Tempco Electric Heater Corporation, Omega Engineering Inc, NIBE Industrier AB, Durex Industries, Inc., Tutco Heating Solutions Group, and Indeeco Corporation. These major players have adopted various key development strategies such as business expansion, new product launches, and partnerships, to strengthen their foothold in the competitive market.

Additional benefits you will get with this purchase are:

Quarterly Update and* (only available with a corporate license, on listed price)

5 additional Company Profile of client Choice pre- or Post-purchase, as a free update.

Free Upcoming Version on the Purchase of Five and Enterprise User License.

16 analyst hours of support* (post-purchase, if you find additional data requirements upon review of the report, you may receive support amounting to 16 analyst hours to solve questions, and post-sale queries)

15% Free Customization* (in case the scope or segment of the report does not match your requirements, 15% is equivalent to 3 working days of free work, applicable once)

Free data Pack on the Five and Enterprise User License. (Excel version of the report)

Free Updated report if the report is 6-12 months old or older.

24-hour priority response*

Free Industry updates and white papers.

Possible Customization with this report (with additional cost and timeline, please talk to the sales executive to know more)

End user preferences and pain points

Market share analysis of players by products/segments

Key player details (including location, contact details, supplier/vendor network etc. in excel format)

Key Market Segments

By Type

Immersion Heaters

Tubular Heaters

Circulation Heaters

Band Heaters

Strip Heaters

Hoil heaters

Flexible Heaters

By Application

Chemical and Plastics Industry

Oil and Gas

Building Construction

Pharmaceutical Industry

Food Industry

By Region

North America

U.S.

Canada

Mexico

Europe

France

Germany

Italy

UK

Rest of Europe

Asia-Pacific

China

Japan

India

South Korea

Rest of Asia-Pacific

Latin America

Brazil

Argentina

Chile

Rest of Latin America

Middle East and Africa

Saudi Arabia

UAE

South Africa

Nigeria

Rest of Middle East and Africa

Key Market Players

Watlow Electric Manufacturing Company.

Chromalox, Inc.

Honeywell International Inc.

THERMCRAFT, INC. (AECO Corp.)

Tempco Electric Heater Corporation

Omega Engineering Inc

NIBE Industrier AB

Durex Industries, Inc.

Tutco Heating Solutions Group

Indeeco Corporation.

Contents

CHAPTER 1: INTRODUCTION

- 1.1. Report Description
- 1.2. Key Market Segments
- 1.3. Key Benefits
- 1.4. Research Methodology
 - 1.4.1. Primary Research
 - 1.4.2. Secondary Research
 - 1.4.3. Analyst Tools and Models

CHAPTER 2: EXECUTIVE SUMMARY

- 2.1. CXO Perspective

CHAPTER 3: MARKET LANDSCAPE

- 3.1. Market Definition and Scope
- 3.2. Key Findings
 - 3.2.1. Top Investment Pockets
 - 3.2.2. Top Winning Strategies
- 3.3. Porter's Five Forces Analysis
 - 3.3.1. Bargaining Power of Suppliers
 - 3.3.2. Threat of New Entrants
 - 3.3.3. Threat of Substitutes
 - 3.3.4. Competitive Rivalry
 - 3.3.5. Bargaining Power among Buyers
- 3.4. Market Dynamics
 - 3.4.1. Drivers
 - 3.4.2. Restraints
 - 3.4.3. Opportunities

CHAPTER 4: INDUSTRIAL ELECTRIC HEATING ELEMENT MARKET, BY TYPE

- 4.1. Market Overview
 - 4.1.1 Market Size and Forecast, By Type
- 4.2. Immersion Heaters
 - 4.2.1. Key Market Trends, Growth Factors and Opportunities

- 4.2.2. Market Size and Forecast, By Region
- 4.2.3. Market Share Analysis, By Country
- 4.3. Tubular Heaters
 - 4.3.1. Key Market Trends, Growth Factors and Opportunities
 - 4.3.2. Market Size and Forecast, By Region
 - 4.3.3. Market Share Analysis, By Country
- 4.4. Circulation Heaters
 - 4.4.1. Key Market Trends, Growth Factors and Opportunities
 - 4.4.2. Market Size and Forecast, By Region
 - 4.4.3. Market Share Analysis, By Country
- 4.5. Band Heaters
 - 4.5.1. Key Market Trends, Growth Factors and Opportunities
 - 4.5.2. Market Size and Forecast, By Region
 - 4.5.3. Market Share Analysis, By Country
- 4.6. Strip Heaters
 - 4.6.1. Key Market Trends, Growth Factors and Opportunities
 - 4.6.2. Market Size and Forecast, By Region
 - 4.6.3. Market Share Analysis, By Country
- 4.7. Hoil Heaters
 - 4.7.1. Key Market Trends, Growth Factors and Opportunities
 - 4.7.2. Market Size and Forecast, By Region
 - 4.7.3. Market Share Analysis, By Country
- 4.8. Flexible Heaters
 - 4.8.1. Key Market Trends, Growth Factors and Opportunities
 - 4.8.2. Market Size and Forecast, By Region
 - 4.8.3. Market Share Analysis, By Country

CHAPTER 5: INDUSTRIAL ELECTRIC HEATING ELEMENT MARKET, BY APPLICATION

- 5.1. Market Overview
 - 5.1.1 Market Size and Forecast, By Application
- 5.2. Chemical And Plastics Industry
 - 5.2.1. Key Market Trends, Growth Factors and Opportunities
 - 5.2.2. Market Size and Forecast, By Region
 - 5.2.3. Market Share Analysis, By Country
- 5.3. Oil And Gas
 - 5.3.1. Key Market Trends, Growth Factors and Opportunities
 - 5.3.2. Market Size and Forecast, By Region

- 5.3.3. Market Share Analysis, By Country
- 5.4. Building Construction
 - 5.4.1. Key Market Trends, Growth Factors and Opportunities
 - 5.4.2. Market Size and Forecast, By Region
 - 5.4.3. Market Share Analysis, By Country
- 5.5. Pharmaceutical Industry
 - 5.5.1. Key Market Trends, Growth Factors and Opportunities
 - 5.5.2. Market Size and Forecast, By Region
 - 5.5.3. Market Share Analysis, By Country
- 5.6. Food Industry
 - 5.6.1. Key Market Trends, Growth Factors and Opportunities
 - 5.6.2. Market Size and Forecast, By Region
 - 5.6.3. Market Share Analysis, By Country

CHAPTER 6: INDUSTRIAL ELECTRIC HEATING ELEMENT MARKET, BY REGION

- 6.1. Market Overview
 - 6.1.1 Market Size and Forecast, By Region
- 6.2. North America
 - 6.2.1. Key Market Trends and Opportunities
 - 6.2.2. Market Size and Forecast, By Type
 - 6.2.3. Market Size and Forecast, By Application
 - 6.2.4. Market Size and Forecast, By Country
 - 6.2.5. U.S. Industrial Electric Heating Element Market
 - 6.2.5.1. Market Size and Forecast, By Type
 - 6.2.5.2. Market Size and Forecast, By Application
 - 6.2.6. Canada Industrial Electric Heating Element Market
 - 6.2.6.1. Market Size and Forecast, By Type
 - 6.2.6.2. Market Size and Forecast, By Application
 - 6.2.7. Mexico Industrial Electric Heating Element Market
 - 6.2.7.1. Market Size and Forecast, By Type
 - 6.2.7.2. Market Size and Forecast, By Application
- 6.3. Europe
 - 6.3.1. Key Market Trends and Opportunities
 - 6.3.2. Market Size and Forecast, By Type
 - 6.3.3. Market Size and Forecast, By Application
 - 6.3.4. Market Size and Forecast, By Country
 - 6.3.5. France Industrial Electric Heating Element Market
 - 6.3.5.1. Market Size and Forecast, By Type

- 6.3.5.2. Market Size and Forecast, By Application
- 6.3.6. Germany Industrial Electric Heating Element Market
 - 6.3.6.1. Market Size and Forecast, By Type
 - 6.3.6.2. Market Size and Forecast, By Application
- 6.3.7. Italy Industrial Electric Heating Element Market
 - 6.3.7.1. Market Size and Forecast, By Type
 - 6.3.7.2. Market Size and Forecast, By Application
- 6.3.8. UK Industrial Electric Heating Element Market
 - 6.3.8.1. Market Size and Forecast, By Type
 - 6.3.8.2. Market Size and Forecast, By Application
- 6.3.9. Rest Of Europe Industrial Electric Heating Element Market
 - 6.3.9.1. Market Size and Forecast, By Type
 - 6.3.9.2. Market Size and Forecast, By Application
- 6.4. Asia-Pacific
 - 6.4.1. Key Market Trends and Opportunities
 - 6.4.2. Market Size and Forecast, By Type
 - 6.4.3. Market Size and Forecast, By Application
 - 6.4.4. Market Size and Forecast, By Country
 - 6.4.5. China Industrial Electric Heating Element Market
 - 6.4.5.1. Market Size and Forecast, By Type
 - 6.4.5.2. Market Size and Forecast, By Application
 - 6.4.6. Japan Industrial Electric Heating Element Market
 - 6.4.6.1. Market Size and Forecast, By Type
 - 6.4.6.2. Market Size and Forecast, By Application
 - 6.4.7. India Industrial Electric Heating Element Market
 - 6.4.7.1. Market Size and Forecast, By Type
 - 6.4.7.2. Market Size and Forecast, By Application
 - 6.4.8. South Korea Industrial Electric Heating Element Market
 - 6.4.8.1. Market Size and Forecast, By Type
 - 6.4.8.2. Market Size and Forecast, By Application
 - 6.4.9. Rest of Asia-Pacific Industrial Electric Heating Element Market
 - 6.4.9.1. Market Size and Forecast, By Type
 - 6.4.9.2. Market Size and Forecast, By Application
- 6.5. Latin America
 - 6.5.1. Key Market Trends and Opportunities
 - 6.5.2. Market Size and Forecast, By Type
 - 6.5.3. Market Size and Forecast, By Application
 - 6.5.4. Market Size and Forecast, By Country
 - 6.5.5. Brazil Industrial Electric Heating Element Market

- 6.5.5.1. Market Size and Forecast, By Type
- 6.5.5.2. Market Size and Forecast, By Application
- 6.5.6. Argentina Industrial Electric Heating Element Market
 - 6.5.6.1. Market Size and Forecast, By Type
 - 6.5.6.2. Market Size and Forecast, By Application
- 6.5.7. Chile Industrial Electric Heating Element Market
 - 6.5.7.1. Market Size and Forecast, By Type
 - 6.5.7.2. Market Size and Forecast, By Application
- 6.5.8. REST of Latin America Industrial Electric Heating Element Market
 - 6.5.8.1. Market Size and Forecast, By Type
 - 6.5.8.2. Market Size and Forecast, By Application
- 6.6. Middle East And Africa
 - 6.6.1. Key Market Trends and Opportunities
 - 6.6.2. Market Size and Forecast, By Type
 - 6.6.3. Market Size and Forecast, By Application
 - 6.6.4. Market Size and Forecast, By Country
 - 6.6.5. Saudi Arabia Industrial Electric Heating Element Market
 - 6.6.5.1. Market Size and Forecast, By Type
 - 6.6.5.2. Market Size and Forecast, By Application
 - 6.6.6. UAE Industrial Electric Heating Element Market
 - 6.6.6.1. Market Size and Forecast, By Type
 - 6.6.6.2. Market Size and Forecast, By Application
 - 6.6.7. South Africa Industrial Electric Heating Element Market
 - 6.6.7.1. Market Size and Forecast, By Type
 - 6.6.7.2. Market Size and Forecast, By Application
 - 6.6.8. Nigeria Industrial Electric Heating Element Market
 - 6.6.8.1. Market Size and Forecast, By Type
 - 6.6.8.2. Market Size and Forecast, By Application
 - 6.6.9. Rest of Middle East And Africa Industrial Electric Heating Element Market
 - 6.6.9.1. Market Size and Forecast, By Type
 - 6.6.9.2. Market Size and Forecast, By Application

CHAPTER 7: COMPETITIVE LANDSCAPE

- 7.1. Introduction
- 7.2. Top Winning Strategies
- 7.3. Product Mapping Of Top 10 Player
- 7.4. Competitive Dashboard
- 7.5. Competitive Heatmap

7.6. Top Player Positioning, 2023

CHAPTER 8: COMPANY PROFILES

8.1. Watlow Electric Manufacturing Company.

- 8.1.1. Company Overview
- 8.1.2. Key Executives
- 8.1.3. Company Snapshot
- 8.1.4. Operating Business Segments
- 8.1.5. Product Portfolio
- 8.1.6. Business Performance
- 8.1.7. Key Strategic Moves and Developments

8.2. Chromalox, Inc.

- 8.2.1. Company Overview
- 8.2.2. Key Executives
- 8.2.3. Company Snapshot
- 8.2.4. Operating Business Segments
- 8.2.5. Product Portfolio
- 8.2.6. Business Performance
- 8.2.7. Key Strategic Moves and Developments

8.3. Honeywell International Inc.

- 8.3.1. Company Overview
- 8.3.2. Key Executives
- 8.3.3. Company Snapshot
- 8.3.4. Operating Business Segments
- 8.3.5. Product Portfolio
- 8.3.6. Business Performance
- 8.3.7. Key Strategic Moves and Developments

8.4. THERMCRAFT, INC. (AECO Corp.)

- 8.4.1. Company Overview
- 8.4.2. Key Executives
- 8.4.3. Company Snapshot
- 8.4.4. Operating Business Segments
- 8.4.5. Product Portfolio
- 8.4.6. Business Performance
- 8.4.7. Key Strategic Moves and Developments

8.5. Tempco Electric Heater Corporation

- 8.5.1. Company Overview
- 8.5.2. Key Executives

- 8.5.3. Company Snapshot
- 8.5.4. Operating Business Segments
- 8.5.5. Product Portfolio
- 8.5.6. Business Performance
- 8.5.7. Key Strategic Moves and Developments
- 8.6. Omega Engineering Inc
 - 8.6.1. Company Overview
 - 8.6.2. Key Executives
 - 8.6.3. Company Snapshot
 - 8.6.4. Operating Business Segments
 - 8.6.5. Product Portfolio
 - 8.6.6. Business Performance
 - 8.6.7. Key Strategic Moves and Developments
- 8.7. NIBE Industrier AB
 - 8.7.1. Company Overview
 - 8.7.2. Key Executives
 - 8.7.3. Company Snapshot
 - 8.7.4. Operating Business Segments
 - 8.7.5. Product Portfolio
 - 8.7.6. Business Performance
 - 8.7.7. Key Strategic Moves and Developments
- 8.8. Durex Industries, Inc.
 - 8.8.1. Company Overview
 - 8.8.2. Key Executives
 - 8.8.3. Company Snapshot
 - 8.8.4. Operating Business Segments
 - 8.8.5. Product Portfolio
 - 8.8.6. Business Performance
 - 8.8.7. Key Strategic Moves and Developments
- 8.9. Tutco Heating Solutions Group
 - 8.9.1. Company Overview
 - 8.9.2. Key Executives
 - 8.9.3. Company Snapshot
 - 8.9.4. Operating Business Segments
 - 8.9.5. Product Portfolio
 - 8.9.6. Business Performance
 - 8.9.7. Key Strategic Moves and Developments
- 8.10. Indeeco Corporation.
 - 8.10.1. Company Overview

- 8.10.2. Key Executives
- 8.10.3. Company Snapshot
- 8.10.4. Operating Business Segments
- 8.10.5. Product Portfolio
- 8.10.6. Business Performance
- 8.10.7. Key Strategic Moves and Developments

I would like to order

Product name: Industrial Electric Heating Element Market By Type (Immersion Heaters, Tubular Heaters, Circulation Heaters, Band Heaters, Strip Heaters, Hoil heaters, Flexible Heaters) , By Application (Chemical and Plastics Industry, Oil and Gas, Building Construction, Pharmaceutical Industry, Food Industry) : Global Opportunity Analysis and Industry Forecast, 2024-2032

Product link: <https://marketpublishers.com/r/l1FEB59EB38AEN.html>

Price: US\$ 2,493.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/l1FEB59EB38AEN.html>