

Global Medium Wave Infrared Heater Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Medium Wave Infrared Heater market size was valued at USD 184.2 million in 2023 and is forecast to a readjusted size of USD 226 million by 2030 with a CAGR of 3.0% during review period.

“Medium Infrared”, “IRB” or “Medium Wave “ infrared heaters operate between 1.4 to 3 microns and emit temperatures of 500 – 800°C and produce a deep red light (like bar fires). The use of medium wave infrared heaters helps in the effective drying of paints and lacquers and in the economical processing of plastic foils and sheet. Because of their long life, these heaters are best suited for continuous process. Surface films and very thin materials are heated up extremely efficiently.

The Medium Wave Infrared Heater market is driven by several factors, including:

- Energy efficiency and cost savings:** Medium wave infrared heaters are known for their energy efficiency and ability to provide targeted heating. Compared to traditional heating methods, such as gas or electric convection heating, medium wave infrared heaters can offer significant energy savings, resulting in lower operating costs for consumers.
- Rapid industrialization and commercialization:** With the growth of industrial and commercial sectors, there is an increasing demand for heating solutions that can provide efficient and effective heat transfer. Medium wave infrared heaters are widely used in industrial processes such as drying, curing, and heating of materials, as well as in commercial spaces like warehouses, garages, and outdoor seating areas.
- Quick and uniform heating:** Medium wave infrared heaters emit infrared radiation that can penetrate objects and heat them directly, without the need for intermediate heating mediums. This results in faster and more uniform heating compared to traditional heating methods, making them popular in applications where quick heat-up times are required, such as in

food processing, automotive, and paint curing industries. Versatility and flexibility: Medium wave infrared heaters can be designed and customized to suit various heating requirements. They can be integrated into existing systems or used as standalone heaters, making them versatile and adaptable to different industries and applications. This flexibility makes medium wave infrared heaters an attractive choice for businesses looking for heating solutions that can be easily integrated into their operations. Environmental sustainability: Medium wave infrared heaters are considered environmentally friendly compared to traditional heating methods. They produce zero emissions and do not release pollutants into the air, making them a preferred option for companies focused on reducing their carbon footprint and complying with environmental regulations. Technological advancements: The medium wave infrared heater industry is experiencing continuous technological advancements, leading to the development of more efficient and advanced heating solutions. These advancements include the integration of smart controls, improved reflector designs, and increased heating efficiency, further driving the demand for medium wave infrared heaters.

The Global Info Research report includes an overview of the development of the Medium Wave Infrared Heater industry chain, the market status of Indoor (Single-tube Medium Infrared Heaters, Twin-tube Medium Infrared Heaters), Outdoor (Single-tube Medium Infrared Heaters, Twin-tube Medium Infrared Heaters), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Medium Wave Infrared Heater.

Regionally, the report analyzes the Medium Wave Infrared Heater markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Medium Wave Infrared Heater market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Medium Wave Infrared Heater market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Medium Wave Infrared Heater industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size,

including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Single-tube Medium Infrared Heaters, Twin-tube Medium Infrared Heaters).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Medium Wave Infrared Heater market.

Regional Analysis: The report involves examining the Medium Wave Infrared Heater market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Medium Wave Infrared Heater market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Medium Wave Infrared Heater:

Company Analysis: Report covers individual Medium Wave Infrared Heater manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Medium Wave Infrared Heater. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Indoor, Outdoor).

Technology Analysis: Report covers specific technologies relevant to Medium Wave Infrared Heater. It assesses the current state, advancements, and potential future developments in Medium Wave Infrared Heater areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Medium Wave Infrared Heater market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Medium Wave Infrared Heater market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Single-tube Medium Infrared Heaters

Twin-tube Medium Infrared Heaters

Market segment by Application

Indoor

Outdoor

Major players covered

Schwank

Tansun

IR Energy

Lifesmart

Infralia

Kerone

FRICO

INFRA-COMP

Ace Heater

Detroit Radiant Products

Heraeus

Helios Quartz Group

Herschel Infrared

OPRANIC SWEDEN

Emitted Energy

CHANDE ELECTRICALS

Sopara

Tempco Electric Heater

Toshiba Lighting France

Industrials Heaters

Optron

Glenro

Yancheng Hongtai Alloy Electric Apparatus

Anhui Quickly Industrial Heating Technology

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 Medium Wave Infrared Heater product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Medium Wave Infrared Heater, with price, sales, revenue and global market share of Medium Wave Infrared Heater from 2019 to 2024.

Chapter 3, the Medium Wave Infrared Heater competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Medium Wave Infrared Heater breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

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 2017 to 2023. and Medium Wave Infrared Heater market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

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 Medium Wave Infrared Heater.

Chapter 14 and 15, to describe Medium Wave Infrared Heater sales channel, distributors, customers, research findings and conclusion.

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