

Global Heat Recovery Wheels Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/G7F31536FA1AEN.html>

Date: January 2024

Pages: 112

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

ID: G7F31536FA1AEN

Abstracts

According to our (Global Info Research) latest study, the global Heat Recovery Wheels market size was valued at USD 273.3 million in 2023 and is forecast to a readjusted size of USD 360.1 million by 2030 with a CAGR of 4.0% during review period.

Heat Recovery Wheels is a type of energy recovery heat exchanger positioned within the supply and exhaust air streams of an air-handling system or in the exhaust gases of an industrial process, in order to recover the heat energy. Other variants include enthalpy wheels and desiccant wheels. A cooling-specific thermal wheel is sometimes referred to as a Kyoto wheel.

The Heat Recovery Wheels industry has a high market concentration. Pahwa Group (Bry-Air and DRI), Klingenburg and Ostberg are the world's leading companies. These three participants accounted for approximately 33% of the market.

In this study, the sales market of Heat Recovery Wheels is divided into five geographic regions. The Asia-Pacific region will occupy the largest sales market share, reaching 40%. Followed by Europe and North America.

From the perspective of product types, the Sorption Rotors segment will occupy the largest consumer market share and it is expected that this segment will account for 46%.

The Global Info Research report includes an overview of the development of the Heat Recovery Wheels industry chain, the market status of Residential (Condensation Rotors, Hygroscopic Rotors), Commercial (Condensation Rotors, Hygroscopic Rotors),

and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Heat Recovery Wheels.

Regionally, the report analyzes the Heat Recovery Wheels 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 Heat Recovery Wheels market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Heat Recovery Wheels 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 Heat Recovery Wheels 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 (Units), revenue generated, and market share of different by Type (e.g., Condensation Rotors, Hygroscopic Rotors).

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 Heat Recovery Wheels market.

Regional Analysis: The report involves examining the Heat Recovery Wheels 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 Heat Recovery Wheels market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Heat Recovery Wheels:

Company Analysis: Report covers individual Heat Recovery Wheels 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 Heat Recovery Wheels. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Residential, Commercial).

Technology Analysis: Report covers specific technologies relevant to Heat Recovery Wheels. It assesses the current state, advancements, and potential future developments in Heat Recovery Wheels areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Heat Recovery Wheels 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

Heat Recovery Wheels 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

Condensation Rotors

Hygroscopic Rotors

Sorption Rotors

Market segment by Application

Residential

Commercial

Industrial

Major players covered

Pahwa Group?Bry-Air and DRI?

Ostberg

Hoval Group

Klingenburg

Eri Corporation

Greenheck

FlaktGroup SEMCO

NovelAire

HEATEX

Seibu Giken

Airxchange

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 Heat Recovery Wheels product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Heat Recovery Wheels, with price, sales, revenue and global market share of Heat Recovery Wheels from 2019 to 2024.

Chapter 3, the Heat Recovery Wheels competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Heat Recovery Wheels 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 Heat Recovery Wheels 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 Heat Recovery Wheels.

Chapter 14 and 15, to describe Heat Recovery Wheels sales channel, distributors, customers, research findings and conclusion.

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