

# Global Aluminium Plate-fin Heat Exchanger Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

https://marketpublishers.com/r/GA65E72D501EEN.html

Date: January 2024

Pages: 110

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

ID: GA65E72D501EEN

#### **Abstracts**

According to our (Global Info Research) latest study, the global Aluminium Plate-fin Heat Exchanger market size was valued at USD million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of % during review period.

The aluminum plate-fin heat exchanger is a new type of efficient heat exchanger, which is usually composed of baffles, fins, seals and guide plates. Between the adjacent two baffles are placed fins, guide plates and seals to form a sandwich, called a channel. Such sandwich is superimposed according to the different ways of the fluid and welded into a whole to form a plate bundle, which is the core of the plate-fin heat exchanger.

In China, Aluminium Plate-fin Heat Exchanger key players include Linde, Hangyang, SAS, etc. Global top three manufacturers hold a share over 15%.

East China is the largest market, with a share over 60%, followed by Northeast, and West China, both have a share over 30 percent.

In terms of product, Plane Fin is the largest segment, with a share over 25%. And in terms of application, the largest application is Petroleum Chemical Industrial, followed by Power Machinery, Air Separation, Defence, etc.

The Global Info Research report includes an overview of the development of the Aluminium Plate-fin Heat Exchanger industry chain, the market status of Air Separation (Plane Fin, Serrated Fin), Petroleum Chemical Industrial (Plane Fin, Serrated Fin), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Aluminium Plate-fin Heat



#### Exchanger.

Regionally, the report analyzes the Aluminium Plate-fin Heat Exchanger 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 Aluminium Plate-fin Heat Exchanger market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Aluminium Plate-fin Heat Exchanger 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 Aluminium Plate-fin Heat Exchanger 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 (Unit), revenue generated, and market share of different by Type (e.g., Plane Fin, Serrated Fin).

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 Aluminium Plate-fin Heat Exchanger market.

Regional Analysis: The report involves examining the Aluminium Plate-fin Heat Exchanger 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 Aluminium Plate-fin Heat Exchanger market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Aluminium Plate-fin Heat Exchanger:



Company Analysis: Report covers individual Aluminium Plate-fin Heat Exchanger 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 Aluminium Plate-fin Heat Exchanger This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Air Separation, Petroleum Chemical Industrial).

Technology Analysis: Report covers specific technologies relevant to Aluminium Platefin Heat Exchanger. It assesses the current state, advancements, and potential future developments in Aluminium Plate-fin Heat Exchanger areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Aluminium Plate-fin Heat Exchanger 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

Aluminium Plate-fin Heat Exchanger 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

Plane Fin

Serrated Fin

Porous Fin

Other



Market segment by Application

## Air Separation Petroleum Chemical Industrial **Power Machinery** Defence Other Major players covered Fives Linde **CHART** Sumitomo Precision Kobe Hangyang Zhongtai Jialong Kaifeng SAS Sanchuan



#### Zhongbo

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 Aluminium Plate-fin Heat Exchanger product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Aluminium Plate-fin Heat Exchanger, with price, sales, revenue and global market share of Aluminium Plate-fin Heat Exchanger from 2019 to 2024.

Chapter 3, the Aluminium Plate-fin Heat Exchanger competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Aluminium Plate-fin Heat Exchanger 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 Aluminium Plate-fin Heat Exchanger 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 Aluminium Plate-fin Heat Exchanger.

Chapter 14 and 15, to describe Aluminium Plate-fin Heat Exchanger sales channel, distributors, customers, research findings and conclusion.



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