

Global Brazed Aluminum Heat Exchangers 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 Brazed Aluminum Heat Exchangers market size was valued at USD 715.7 million in 2023 and is forecast to a readjusted size of USD 968.2 million by 2030 with a CAGR of 4.4% during review period.

Brazed Aluminum Heat Exchangers (plate-fin heat exchanger), widely used in many industries, such as Industrial gas production, natural gas processing, petrochemical processing liquid natural gas and others. The typical industry expectation for a BAHX life span is approximately 20 years. Vacuum brazing is a high-end joining technology because it results in parts with extremely strong joints and with no residual corrosive flux. The cost of plate-fin heat exchangers is generally higher than conventional heat exchangers due to a higher level of detail required during manufacture. However, these costs can often be outweighed by the cost-saving produced by the added heat transfer.

Global 5 largest manufacturers of Brazed Aluminum Heat Exchangers are Linde Engineering, Chart Industries, Fives, Sumitomo Precision Products and Kobe Steel, which make up about 50%. Among them, Linde Engineering is the leader with about 12% market share.

Europe is the largest market, with a share over 25%, followed by China and North America, with the share about 24% and 20%. In terms of product type, plain occupies the largest share of the total market, over 35%. And in terms of application, the largest application is Air Separation, followed by Petrochemical Processing and Industrial Gas Production.

The Global Info Research report includes an overview of the development of the Brazed Aluminum Heat Exchangers industry chain, the market status of Industrial Gas Production (Plain, Serrated), Petrochemical Processing (Plain, Serrated), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Brazed Aluminum Heat Exchangers.

Regionally, the report analyzes the Brazed Aluminum Heat Exchangers 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 Brazed Aluminum Heat Exchangers market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Brazed Aluminum Heat Exchangers 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 Brazed Aluminum Heat Exchangers 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 (Ton), revenue generated, and market share of different by Type (e.g., Plain, Serrated).

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 Brazed Aluminum Heat Exchangers market.

Regional Analysis: The report involves examining the Brazed Aluminum Heat Exchangers 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 Brazed Aluminum Heat Exchangers market. This may

include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Brazed Aluminum Heat Exchangers:

Company Analysis: Report covers individual Brazed Aluminum Heat Exchangers 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 Brazed Aluminum Heat Exchangers. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Industrial Gas Production, Petrochemical Processing).

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

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

Brazed Aluminum Heat Exchangers 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

Plain

Serrated

Perforated

Others

Market segment by Application

Industrial Gas Production

Petrochemical Processing

Natural Gas Processing

Liquid Natural Gas

Others

Major players covered

Linde Engineering

Chart Industries

Fives

Sumitomo Precision Products

Kobe Steel

Hangyang

KFAS

SASPG

Zhongtai Cryogenic

DongHwa Entec

Jialong

Guanyun

Fang Sheng

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 Brazed Aluminum Heat Exchangers product scope, market overview, market estimation caveats and base year.

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

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

Chapter 4, the Brazed Aluminum Heat Exchangers 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 Braze Aluminum Heat Exchangers 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 Braze Aluminum Heat Exchangers.

Chapter 14 and 15, to describe Braze Aluminum Heat Exchangers sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Brazed Aluminum Heat Exchangers
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
 - 1.3.1 Overview: Global Brazed Aluminum Heat Exchangers Consumption Value by Type: 2019 Versus 2023 Versus 2030
 - 1.3.2 Plain
 - 1.3.3 Serrated
 - 1.3.4 Perforated
 - 1.3.5 Others
- 1.4 Market Analysis by Application
 - 1.4.1 Overview: Global Brazed Aluminum Heat Exchangers Consumption Value by Application: 2019 Versus 2023 Versus 2030
 - 1.4.2 Industrial Gas Production
 - 1.4.3 Petrochemical Processing
 - 1.4.4 Natural Gas Processing
 - 1.4.5 Liquid Natural Gas
 - 1.4.6 Others
- 1.5 Global Brazed Aluminum Heat Exchangers Market Size & Forecast
 - 1.5.1 Global Brazed Aluminum Heat Exchangers Consumption Value (2019 & 2023 & 2030)
 - 1.5.2 Global Brazed Aluminum Heat Exchangers Sales Quantity (2019-2030)
 - 1.5.3 Global Brazed Aluminum Heat Exchangers Average Price (2019-2030)

2 MANUFACTURERS PROFILES

- 2.1 Linde Engineering
 - 2.1.1 Linde Engineering Details
 - 2.1.2 Linde Engineering Major Business
 - 2.1.3 Linde Engineering Brazed Aluminum Heat Exchangers Product and Services
 - 2.1.4 Linde Engineering Brazed Aluminum Heat Exchangers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.1.5 Linde Engineering Recent Developments/Updates
- 2.2 Chart Industries
 - 2.2.1 Chart Industries Details
 - 2.2.2 Chart Industries Major Business

- 2.2.3 Chart Industries Brazed Aluminum Heat Exchangers Product and Services
- 2.2.4 Chart Industries Brazed Aluminum Heat Exchangers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.2.5 Chart Industries Recent Developments/Updates
- 2.3 Fives
 - 2.3.1 Fives Details
 - 2.3.2 Fives Major Business
 - 2.3.3 Fives Brazed Aluminum Heat Exchangers Product and Services
 - 2.3.4 Fives Brazed Aluminum Heat Exchangers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.3.5 Fives Recent Developments/Updates
- 2.4 Sumitomo Precision Products
 - 2.4.1 Sumitomo Precision Products Details
 - 2.4.2 Sumitomo Precision Products Major Business
 - 2.4.3 Sumitomo Precision Products Brazed Aluminum Heat Exchangers Product and Services
 - 2.4.4 Sumitomo Precision Products Brazed Aluminum Heat Exchangers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.4.5 Sumitomo Precision Products Recent Developments/Updates
- 2.5 Kobe Steel
 - 2.5.1 Kobe Steel Details
 - 2.5.2 Kobe Steel Major Business
 - 2.5.3 Kobe Steel Brazed Aluminum Heat Exchangers Product and Services
 - 2.5.4 Kobe Steel Brazed Aluminum Heat Exchangers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.5.5 Kobe Steel Recent Developments/Updates
- 2.6 Hangyang
 - 2.6.1 Hangyang Details
 - 2.6.2 Hangyang Major Business
 - 2.6.3 Hangyang Brazed Aluminum Heat Exchangers Product and Services
 - 2.6.4 Hangyang Brazed Aluminum Heat Exchangers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.6.5 Hangyang Recent Developments/Updates
- 2.7 KFAS
 - 2.7.1 KFAS Details
 - 2.7.2 KFAS Major Business
 - 2.7.3 KFAS Brazed Aluminum Heat Exchangers Product and Services
 - 2.7.4 KFAS Brazed Aluminum Heat Exchangers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.7.5 KFAS Recent Developments/Updates

2.8 SASPG

2.8.1 SASPG Details

2.8.2 SASPG Major Business

2.8.3 SASPG Brazed Aluminum Heat Exchangers Product and Services

2.8.4 SASPG Brazed Aluminum Heat Exchangers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.8.5 SASPG Recent Developments/Updates

2.9 Zhongtai Cryogenic

2.9.1 Zhongtai Cryogenic Details

2.9.2 Zhongtai Cryogenic Major Business

2.9.3 Zhongtai Cryogenic Brazed Aluminum Heat Exchangers Product and Services

2.9.4 Zhongtai Cryogenic Brazed Aluminum Heat Exchangers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.9.5 Zhongtai Cryogenic Recent Developments/Updates

2.10 DongHwa Entec

2.10.1 DongHwa Entec Details

2.10.2 DongHwa Entec Major Business

2.10.3 DongHwa Entec Brazed Aluminum Heat Exchangers Product and Services

2.10.4 DongHwa Entec Brazed Aluminum Heat Exchangers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.10.5 DongHwa Entec Recent Developments/Updates

2.11 Jialong

2.11.1 Jialong Details

2.11.2 Jialong Major Business

2.11.3 Jialong Brazed Aluminum Heat Exchangers Product and Services

2.11.4 Jialong Brazed Aluminum Heat Exchangers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.11.5 Jialong Recent Developments/Updates

2.12 Guanyun

2.12.1 Guanyun Details

2.12.2 Guanyun Major Business

2.12.3 Guanyun Brazed Aluminum Heat Exchangers Product and Services

2.12.4 Guanyun Brazed Aluminum Heat Exchangers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.12.5 Guanyun Recent Developments/Updates

2.13 Fang Sheng

2.13.1 Fang Sheng Details

2.13.2 Fang Sheng Major Business

- 2.13.3 Fang Sheng Brazed Aluminum Heat Exchangers Product and Services
- 2.13.4 Fang Sheng Brazed Aluminum Heat Exchangers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.13.5 Fang Sheng Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: BRAZED ALUMINUM HEAT EXCHANGERS BY MANUFACTURER

- 3.1 Global Brazed Aluminum Heat Exchangers Sales Quantity by Manufacturer (2019-2024)
- 3.2 Global Brazed Aluminum Heat Exchangers Revenue by Manufacturer (2019-2024)
- 3.3 Global Brazed Aluminum Heat Exchangers Average Price by Manufacturer (2019-2024)
- 3.4 Market Share Analysis (2023)
 - 3.4.1 Producer Shipments of Brazed Aluminum Heat Exchangers by Manufacturer Revenue (\$MM) and Market Share (%): 2023
 - 3.4.2 Top 3 Brazed Aluminum Heat Exchangers Manufacturer Market Share in 2023
 - 3.4.2 Top 6 Brazed Aluminum Heat Exchangers Manufacturer Market Share in 2023
- 3.5 Brazed Aluminum Heat Exchangers Market: Overall Company Footprint Analysis
 - 3.5.1 Brazed Aluminum Heat Exchangers Market: Region Footprint
 - 3.5.2 Brazed Aluminum Heat Exchangers Market: Company Product Type Footprint
 - 3.5.3 Brazed Aluminum Heat Exchangers Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

- 4.1 Global Brazed Aluminum Heat Exchangers Market Size by Region
 - 4.1.1 Global Brazed Aluminum Heat Exchangers Sales Quantity by Region (2019-2030)
 - 4.1.2 Global Brazed Aluminum Heat Exchangers Consumption Value by Region (2019-2030)
 - 4.1.3 Global Brazed Aluminum Heat Exchangers Average Price by Region (2019-2030)
- 4.2 North America Brazed Aluminum Heat Exchangers Consumption Value (2019-2030)
- 4.3 Europe Brazed Aluminum Heat Exchangers Consumption Value (2019-2030)
- 4.4 Asia-Pacific Brazed Aluminum Heat Exchangers Consumption Value (2019-2030)
- 4.5 South America Brazed Aluminum Heat Exchangers Consumption Value

(2019-2030)

4.6 Middle East and Africa Brazed Aluminum Heat Exchangers Consumption Value
(2019-2030)

5 MARKET SEGMENT BY TYPE

5.1 Global Brazed Aluminum Heat Exchangers Sales Quantity by Type (2019-2030)

5.2 Global Brazed Aluminum Heat Exchangers Consumption Value by Type
(2019-2030)

5.3 Global Brazed Aluminum Heat Exchangers Average Price by Type (2019-2030)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Brazed Aluminum Heat Exchangers Sales Quantity by Application
(2019-2030)

6.2 Global Brazed Aluminum Heat Exchangers Consumption Value by Application
(2019-2030)

6.3 Global Brazed Aluminum Heat Exchangers Average Price by Application
(2019-2030)

7 NORTH AMERICA

7.1 North America Brazed Aluminum Heat Exchangers Sales Quantity by Type
(2019-2030)

7.2 North America Brazed Aluminum Heat Exchangers Sales Quantity by Application
(2019-2030)

7.3 North America Brazed Aluminum Heat Exchangers Market Size by Country

7.3.1 North America Brazed Aluminum Heat Exchangers Sales Quantity by Country
(2019-2030)

7.3.2 North America Brazed Aluminum Heat Exchangers Consumption Value by
Country (2019-2030)

7.3.3 United States Market Size and Forecast (2019-2030)

7.3.4 Canada Market Size and Forecast (2019-2030)

7.3.5 Mexico Market Size and Forecast (2019-2030)

8 EUROPE

8.1 Europe Brazed Aluminum Heat Exchangers Sales Quantity by Type (2019-2030)

8.2 Europe Brazed Aluminum Heat Exchangers Sales Quantity by Application

(2019-2030)

8.3 Europe Brazed Aluminum Heat Exchangers Market Size by Country

8.3.1 Europe Brazed Aluminum Heat Exchangers Sales Quantity by Country

(2019-2030)

8.3.2 Europe Brazed Aluminum Heat Exchangers Consumption Value by Country

(2019-2030)

8.3.3 Germany Market Size and Forecast (2019-2030)

8.3.4 France Market Size and Forecast (2019-2030)

8.3.5 United Kingdom Market Size and Forecast (2019-2030)

8.3.6 Russia Market Size and Forecast (2019-2030)

8.3.7 Italy Market Size and Forecast (2019-2030)

9 ASIA-PACIFIC

9.1 Asia-Pacific Brazed Aluminum Heat Exchangers Sales Quantity by Type

(2019-2030)

9.2 Asia-Pacific Brazed Aluminum Heat Exchangers Sales Quantity by Application

(2019-2030)

9.3 Asia-Pacific Brazed Aluminum Heat Exchangers Market Size by Region

9.3.1 Asia-Pacific Brazed Aluminum Heat Exchangers Sales Quantity by Region

(2019-2030)

9.3.2 Asia-Pacific Brazed Aluminum Heat Exchangers Consumption Value by Region

(2019-2030)

9.3.3 China Market Size and Forecast (2019-2030)

9.3.4 Japan Market Size and Forecast (2019-2030)

9.3.5 Korea Market Size and Forecast (2019-2030)

9.3.6 India Market Size and Forecast (2019-2030)

9.3.7 Southeast Asia Market Size and Forecast (2019-2030)

9.3.8 Australia Market Size and Forecast (2019-2030)

10 SOUTH AMERICA

10.1 South America Brazed Aluminum Heat Exchangers Sales Quantity by Type

(2019-2030)

10.2 South America Brazed Aluminum Heat Exchangers Sales Quantity by Application

(2019-2030)

10.3 South America Brazed Aluminum Heat Exchangers Market Size by Country

10.3.1 South America Brazed Aluminum Heat Exchangers Sales Quantity by Country

(2019-2030)

10.3.2 South America Brazed Aluminum Heat Exchangers Consumption Value by Country (2019-2030)

10.3.3 Brazil Market Size and Forecast (2019-2030)

10.3.4 Argentina Market Size and Forecast (2019-2030)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Brazed Aluminum Heat Exchangers Sales Quantity by Type (2019-2030)

11.2 Middle East & Africa Brazed Aluminum Heat Exchangers Sales Quantity by Application (2019-2030)

11.3 Middle East & Africa Brazed Aluminum Heat Exchangers Market Size by Country

11.3.1 Middle East & Africa Brazed Aluminum Heat Exchangers Sales Quantity by Country (2019-2030)

11.3.2 Middle East & Africa Brazed Aluminum Heat Exchangers Consumption Value by Country (2019-2030)

11.3.3 Turkey Market Size and Forecast (2019-2030)

11.3.4 Egypt Market Size and Forecast (2019-2030)

11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)

11.3.6 South Africa Market Size and Forecast (2019-2030)

12 MARKET DYNAMICS

12.1 Brazed Aluminum Heat Exchangers Market Drivers

12.2 Brazed Aluminum Heat Exchangers Market Restraints

12.3 Brazed Aluminum Heat Exchangers Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Brazed Aluminum Heat Exchangers and Key Manufacturers

13.2 Manufacturing Costs Percentage of Brazed Aluminum Heat Exchangers

13.3 Brazed Aluminum Heat Exchangers Production Process

13.4 Brazed Aluminum Heat Exchangers Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Brazed Aluminum Heat Exchangers Typical Distributors

14.3 Brazed Aluminum Heat Exchangers Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Brazed Aluminum Heat Exchangers Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Table 2. Global Brazed Aluminum Heat Exchangers Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Table 3. Linde Engineering Basic Information, Manufacturing Base and Competitors

Table 4. Linde Engineering Major Business

Table 5. Linde Engineering Brazed Aluminum Heat Exchangers Product and Services

Table 6. Linde Engineering Brazed Aluminum Heat Exchangers Sales Quantity (Ton), Average Price (K US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. Linde Engineering Recent Developments/Updates

Table 8. Chart Industries Basic Information, Manufacturing Base and Competitors

Table 9. Chart Industries Major Business

Table 10. Chart Industries Brazed Aluminum Heat Exchangers Product and Services

Table 11. Chart Industries Brazed Aluminum Heat Exchangers Sales Quantity (Ton), Average Price (K US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 12. Chart Industries Recent Developments/Updates

Table 13. Fives Basic Information, Manufacturing Base and Competitors

Table 14. Fives Major Business

Table 15. Fives Brazed Aluminum Heat Exchangers Product and Services

Table 16. Fives Brazed Aluminum Heat Exchangers Sales Quantity (Ton), Average Price (K US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 17. Fives Recent Developments/Updates

Table 18. Sumitomo Precision Products Basic Information, Manufacturing Base and Competitors

Table 19. Sumitomo Precision Products Major Business

Table 20. Sumitomo Precision Products Brazed Aluminum Heat Exchangers Product and Services

Table 21. Sumitomo Precision Products Brazed Aluminum Heat Exchangers Sales Quantity (Ton), Average Price (K US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 22. Sumitomo Precision Products Recent Developments/Updates

Table 23. Kobe Steel Basic Information, Manufacturing Base and Competitors

Table 24. Kobe Steel Major Business

Table 25. Kobe Steel Brazed Aluminum Heat Exchangers Product and Services

Table 26. Kobe Steel Brazed Aluminum Heat Exchangers Sales Quantity (Ton), Average Price (K US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 27. Kobe Steel Recent Developments/Updates

Table 28. Hangyang Basic Information, Manufacturing Base and Competitors

Table 29. Hangyang Major Business

Table 30. Hangyang Brazed Aluminum Heat Exchangers Product and Services

Table 31. Hangyang Brazed Aluminum Heat Exchangers Sales Quantity (Ton), Average Price (K US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 32. Hangyang Recent Developments/Updates

Table 33. KFAS Basic Information, Manufacturing Base and Competitors

Table 34. KFAS Major Business

Table 35. KFAS Brazed Aluminum Heat Exchangers Product and Services

Table 36. KFAS Brazed Aluminum Heat Exchangers Sales Quantity (Ton), Average Price (K US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 37. KFAS Recent Developments/Updates

Table 38. SASPG Basic Information, Manufacturing Base and Competitors

Table 39. SASPG Major Business

Table 40. SASPG Brazed Aluminum Heat Exchangers Product and Services

Table 41. SASPG Brazed Aluminum Heat Exchangers Sales Quantity (Ton), Average Price (K US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 42. SASPG Recent Developments/Updates

Table 43. Zhongtai Cryogenic Basic Information, Manufacturing Base and Competitors

Table 44. Zhongtai Cryogenic Major Business

Table 45. Zhongtai Cryogenic Brazed Aluminum Heat Exchangers Product and Services

Table 46. Zhongtai Cryogenic Brazed Aluminum Heat Exchangers Sales Quantity (Ton), Average Price (K US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 47. Zhongtai Cryogenic Recent Developments/Updates

Table 48. DongHwa Entec Basic Information, Manufacturing Base and Competitors

Table 49. DongHwa Entec Major Business

Table 50. DongHwa Entec Brazed Aluminum Heat Exchangers Product and Services

Table 51. DongHwa Entec Brazed Aluminum Heat Exchangers Sales Quantity (Ton),

Average Price (K US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 52. DongHwa Entec Recent Developments/Updates

Table 53. Jialong Basic Information, Manufacturing Base and Competitors

Table 54. Jialong Major Business

Table 55. Jialong Brazed Aluminum Heat Exchangers Product and Services

Table 56. Jialong Brazed Aluminum Heat Exchangers Sales Quantity (Ton), Average Price (K US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 57. Jialong Recent Developments/Updates

Table 58. Guanyun Basic Information, Manufacturing Base and Competitors

Table 59. Guanyun Major Business

Table 60. Guanyun Brazed Aluminum Heat Exchangers Product and Services

Table 61. Guanyun Brazed Aluminum Heat Exchangers Sales Quantity (Ton), Average Price (K US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 62. Guanyun Recent Developments/Updates

Table 63. Fang Sheng Basic Information, Manufacturing Base and Competitors

Table 64. Fang Sheng Major Business

Table 65. Fang Sheng Brazed Aluminum Heat Exchangers Product and Services

Table 66. Fang Sheng Brazed Aluminum Heat Exchangers Sales Quantity (Ton), Average Price (K US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 67. Fang Sheng Recent Developments/Updates

Table 68. Global Brazed Aluminum Heat Exchangers Sales Quantity by Manufacturer (2019-2024) & (Ton)

Table 69. Global Brazed Aluminum Heat Exchangers Revenue by Manufacturer (2019-2024) & (USD Million)

Table 70. Global Brazed Aluminum Heat Exchangers Average Price by Manufacturer (2019-2024) & (K US\$/Ton)

Table 71. Market Position of Manufacturers in Brazed Aluminum Heat Exchangers, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023

Table 72. Head Office and Brazed Aluminum Heat Exchangers Production Site of Key Manufacturer

Table 73. Brazed Aluminum Heat Exchangers Market: Company Product Type Footprint

Table 74. Brazed Aluminum Heat Exchangers Market: Company Product Application Footprint

Table 75. Brazed Aluminum Heat Exchangers New Market Entrants and Barriers to Market Entry

Table 76. Brazed Aluminum Heat Exchangers Mergers, Acquisition, Agreements, and Collaborations

Table 77. Global Brazed Aluminum Heat Exchangers Sales Quantity by Region (2019-2024) & (Ton)

Table 78. Global Brazed Aluminum Heat Exchangers Sales Quantity by Region (2025-2030) & (Ton)

Table 79. Global Brazed Aluminum Heat Exchangers Consumption Value by Region (2019-2024) & (USD Million)

Table 80. Global Brazed Aluminum Heat Exchangers Consumption Value by Region (2025-2030) & (USD Million)

Table 81. Global Brazed Aluminum Heat Exchangers Average Price by Region (2019-2024) & (K US\$/Ton)

Table 82. Global Brazed Aluminum Heat Exchangers Average Price by Region (2025-2030) & (K US\$/Ton)

Table 83. Global Brazed Aluminum Heat Exchangers Sales Quantity by Type (2019-2024) & (Ton)

Table 84. Global Brazed Aluminum Heat Exchangers Sales Quantity by Type (2025-2030) & (Ton)

Table 85. Global Brazed Aluminum Heat Exchangers Consumption Value by Type (2019-2024) & (USD Million)

Table 86. Global Brazed Aluminum Heat Exchangers Consumption Value by Type (2025-2030) & (USD Million)

Table 87. Global Brazed Aluminum Heat Exchangers Average Price by Type (2019-2024) & (K US\$/Ton)

Table 88. Global Brazed Aluminum Heat Exchangers Average Price by Type (2025-2030) & (K US\$/Ton)

Table 89. Global Brazed Aluminum Heat Exchangers Sales Quantity by Application (2019-2024) & (Ton)

Table 90. Global Brazed Aluminum Heat Exchangers Sales Quantity by Application (2025-2030) & (Ton)

Table 91. Global Brazed Aluminum Heat Exchangers Consumption Value by Application (2019-2024) & (USD Million)

Table 92. Global Brazed Aluminum Heat Exchangers Consumption Value by Application (2025-2030) & (USD Million)

Table 93. Global Brazed Aluminum Heat Exchangers Average Price by Application (2019-2024) & (K US\$/Ton)

Table 94. Global Brazed Aluminum Heat Exchangers Average Price by Application (2025-2030) & (K US\$/Ton)

Table 95. North America Brazed Aluminum Heat Exchangers Sales Quantity by Type

(2019-2024) & (Ton)

Table 96. North America Brazed Aluminum Heat Exchangers Sales Quantity by Type (2025-2030) & (Ton)

Table 97. North America Brazed Aluminum Heat Exchangers Sales Quantity by Application (2019-2024) & (Ton)

Table 98. North America Brazed Aluminum Heat Exchangers Sales Quantity by Application (2025-2030) & (Ton)

Table 99. North America Brazed Aluminum Heat Exchangers Sales Quantity by Country (2019-2024) & (Ton)

Table 100. North America Brazed Aluminum Heat Exchangers Sales Quantity by Country (2025-2030) & (Ton)

Table 101. North America Brazed Aluminum Heat Exchangers Consumption Value by Country (2019-2024) & (USD Million)

Table 102. North America Brazed Aluminum Heat Exchangers Consumption Value by Country (2025-2030) & (USD Million)

Table 103. Europe Brazed Aluminum Heat Exchangers Sales Quantity by Type (2019-2024) & (Ton)

Table 104. Europe Brazed Aluminum Heat Exchangers Sales Quantity by Type (2025-2030) & (Ton)

Table 105. Europe Brazed Aluminum Heat Exchangers Sales Quantity by Application (2019-2024) & (Ton)

Table 106. Europe Brazed Aluminum Heat Exchangers Sales Quantity by Application (2025-2030) & (Ton)

Table 107. Europe Brazed Aluminum Heat Exchangers Sales Quantity by Country (2019-2024) & (Ton)

Table 108. Europe Brazed Aluminum Heat Exchangers Sales Quantity by Country (2025-2030) & (Ton)

Table 109. Europe Brazed Aluminum Heat Exchangers Consumption Value by Country (2019-2024) & (USD Million)

Table 110. Europe Brazed Aluminum Heat Exchangers Consumption Value by Country (2025-2030) & (USD Million)

Table 111. Asia-Pacific Brazed Aluminum Heat Exchangers Sales Quantity by Type (2019-2024) & (Ton)

Table 112. Asia-Pacific Brazed Aluminum Heat Exchangers Sales Quantity by Type (2025-2030) & (Ton)

Table 113. Asia-Pacific Brazed Aluminum Heat Exchangers Sales Quantity by Application (2019-2024) & (Ton)

Table 114. Asia-Pacific Brazed Aluminum Heat Exchangers Sales Quantity by Application (2025-2030) & (Ton)

Table 115. Asia-Pacific Brazed Aluminum Heat Exchangers Sales Quantity by Region (2019-2024) & (Ton)

Table 116. Asia-Pacific Brazed Aluminum Heat Exchangers Sales Quantity by Region (2025-2030) & (Ton)

Table 117. Asia-Pacific Brazed Aluminum Heat Exchangers Consumption Value by Region (2019-2024) & (USD Million)

Table 118. Asia-Pacific Brazed Aluminum Heat Exchangers Consumption Value by Region (2025-2030) & (USD Million)

Table 119. South America Brazed Aluminum Heat Exchangers Sales Quantity by Type (2019-2024) & (Ton)

Table 120. South America Brazed Aluminum Heat Exchangers Sales Quantity by Type (2025-2030) & (Ton)

Table 121. South America Brazed Aluminum Heat Exchangers Sales Quantity by Application (2019-2024) & (Ton)

Table 122. South America Brazed Aluminum Heat Exchangers Sales Quantity by Application (2025-2030) & (Ton)

Table 123. South America Brazed Aluminum Heat Exchangers Sales Quantity by Country (2019-2024) & (Ton)

Table 124. South America Brazed Aluminum Heat Exchangers Sales Quantity by Country (2025-2030) & (Ton)

Table 125. South America Brazed Aluminum Heat Exchangers Consumption Value by Country (2019-2024) & (USD Million)

Table 126. South America Brazed Aluminum Heat Exchangers Consumption Value by Country (2025-2030) & (USD Million)

Table 127. Middle East & Africa Brazed Aluminum Heat Exchangers Sales Quantity by Type (2019-2024) & (Ton)

Table 128. Middle East & Africa Brazed Aluminum Heat Exchangers Sales Quantity by Type (2025-2030) & (Ton)

Table 129. Middle East & Africa Brazed Aluminum Heat Exchangers Sales Quantity by Application (2019-2024) & (Ton)

Table 130. Middle East & Africa Brazed Aluminum Heat Exchangers Sales Quantity by Application (2025-2030) & (Ton)

Table 131. Middle East & Africa Brazed Aluminum Heat Exchangers Sales Quantity by Region (2019-2024) & (Ton)

Table 132. Middle East & Africa Brazed Aluminum Heat Exchangers Sales Quantity by Region (2025-2030) & (Ton)

Table 133. Middle East & Africa Brazed Aluminum Heat Exchangers Consumption Value by Region (2019-2024) & (USD Million)

Table 134. Middle East & Africa Brazed Aluminum Heat Exchangers Consumption

Value by Region (2025-2030) & (USD Million)

Table 135. Brazed Aluminum Heat Exchangers Raw Material

Table 136. Key Manufacturers of Brazed Aluminum Heat Exchangers Raw Materials

Table 137. Brazed Aluminum Heat Exchangers Typical Distributors

Table 138. Brazed Aluminum Heat Exchangers Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Brazed Aluminum Heat Exchangers Picture
- Figure 2. Global Brazed Aluminum Heat Exchangers Consumption Value by Type, (USD Million), 2019 & 2023 & 2030
- Figure 3. Global Brazed Aluminum Heat Exchangers Consumption Value Market Share by Type in 2023
- Figure 4. Plain Examples
- Figure 5. Serrated Examples
- Figure 6. Perforated Examples
- Figure 7. Others Examples
- Figure 8. Global Brazed Aluminum Heat Exchangers Consumption Value by Application, (USD Million), 2019 & 2023 & 2030
- Figure 9. Global Brazed Aluminum Heat Exchangers Consumption Value Market Share by Application in 2023
- Figure 10. Industrial Gas Production Examples
- Figure 11. Petrochemical Processing Examples
- Figure 12. Natural Gas Processing Examples
- Figure 13. Liquid Natural Gas Examples
- Figure 14. Others Examples
- Figure 15. Global Brazed Aluminum Heat Exchangers Consumption Value, (USD Million): 2019 & 2023 & 2030
- Figure 16. Global Brazed Aluminum Heat Exchangers Consumption Value and Forecast (2019-2030) & (USD Million)
- Figure 17. Global Brazed Aluminum Heat Exchangers Sales Quantity (2019-2030) & (Ton)
- Figure 18. Global Brazed Aluminum Heat Exchangers Average Price (2019-2030) & (K US\$/Ton)
- Figure 19. Global Brazed Aluminum Heat Exchangers Sales Quantity Market Share by Manufacturer in 2023
- Figure 20. Global Brazed Aluminum Heat Exchangers Consumption Value Market Share by Manufacturer in 2023
- Figure 21. Producer Shipments of Brazed Aluminum Heat Exchangers by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023
- Figure 22. Top 3 Brazed Aluminum Heat Exchangers Manufacturer (Consumption Value) Market Share in 2023
- Figure 23. Top 6 Brazed Aluminum Heat Exchangers Manufacturer (Consumption

Value) Market Share in 2023

Figure 24. Global Brazed Aluminum Heat Exchangers Sales Quantity Market Share by Region (2019-2030)

Figure 25. Global Brazed Aluminum Heat Exchangers Consumption Value Market Share by Region (2019-2030)

Figure 26. North America Brazed Aluminum Heat Exchangers Consumption Value (2019-2030) & (USD Million)

Figure 27. Europe Brazed Aluminum Heat Exchangers Consumption Value (2019-2030) & (USD Million)

Figure 28. Asia-Pacific Brazed Aluminum Heat Exchangers Consumption Value (2019-2030) & (USD Million)

Figure 29. South America Brazed Aluminum Heat Exchangers Consumption Value (2019-2030) & (USD Million)

Figure 30. Middle East & Africa Brazed Aluminum Heat Exchangers Consumption Value (2019-2030) & (USD Million)

Figure 31. Global Brazed Aluminum Heat Exchangers Sales Quantity Market Share by Type (2019-2030)

Figure 32. Global Brazed Aluminum Heat Exchangers Consumption Value Market Share by Type (2019-2030)

Figure 33. Global Brazed Aluminum Heat Exchangers Average Price by Type (2019-2030) & (K US\$/Ton)

Figure 34. Global Brazed Aluminum Heat Exchangers Sales Quantity Market Share by Application (2019-2030)

Figure 35. Global Brazed Aluminum Heat Exchangers Consumption Value Market Share by Application (2019-2030)

Figure 36. Global Brazed Aluminum Heat Exchangers Average Price by Application (2019-2030) & (K US\$/Ton)

Figure 37. North America Brazed Aluminum Heat Exchangers Sales Quantity Market Share by Type (2019-2030)

Figure 38. North America Brazed Aluminum Heat Exchangers Sales Quantity Market Share by Application (2019-2030)

Figure 39. North America Brazed Aluminum Heat Exchangers Sales Quantity Market Share by Country (2019-2030)

Figure 40. North America Brazed Aluminum Heat Exchangers Consumption Value Market Share by Country (2019-2030)

Figure 41. United States Brazed Aluminum Heat Exchangers Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 42. Canada Brazed Aluminum Heat Exchangers Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 43. Mexico Brazed Aluminum Heat Exchangers Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 44. Europe Brazed Aluminum Heat Exchangers Sales Quantity Market Share by Type (2019-2030)

Figure 45. Europe Brazed Aluminum Heat Exchangers Sales Quantity Market Share by Application (2019-2030)

Figure 46. Europe Brazed Aluminum Heat Exchangers Sales Quantity Market Share by Country (2019-2030)

Figure 47. Europe Brazed Aluminum Heat Exchangers Consumption Value Market Share by Country (2019-2030)

Figure 48. Germany Brazed Aluminum Heat Exchangers Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 49. France Brazed Aluminum Heat Exchangers Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 50. United Kingdom Brazed Aluminum Heat Exchangers Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 51. Russia Brazed Aluminum Heat Exchangers Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 52. Italy Brazed Aluminum Heat Exchangers Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 53. Asia-Pacific Brazed Aluminum Heat Exchangers Sales Quantity Market Share by Type (2019-2030)

Figure 54. Asia-Pacific Brazed Aluminum Heat Exchangers Sales Quantity Market Share by Application (2019-2030)

Figure 55. Asia-Pacific Brazed Aluminum Heat Exchangers Sales Quantity Market Share by Region (2019-2030)

Figure 56. Asia-Pacific Brazed Aluminum Heat Exchangers Consumption Value Market Share by Region (2019-2030)

Figure 57. China Brazed Aluminum Heat Exchangers Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 58. Japan Brazed Aluminum Heat Exchangers Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 59. Korea Brazed Aluminum Heat Exchangers Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 60. India Brazed Aluminum Heat Exchangers Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 61. Southeast Asia Brazed Aluminum Heat Exchangers Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 62. Australia Brazed Aluminum Heat Exchangers Consumption Value and

Growth Rate (2019-2030) & (USD Million)

Figure 63. South America Brazed Aluminum Heat Exchangers Sales Quantity Market Share by Type (2019-2030)

Figure 64. South America Brazed Aluminum Heat Exchangers Sales Quantity Market Share by Application (2019-2030)

Figure 65. South America Brazed Aluminum Heat Exchangers Sales Quantity Market Share by Country (2019-2030)

Figure 66. South America Brazed Aluminum Heat Exchangers Consumption Value Market Share by Country (2019-2030)

Figure 67. Brazil Brazed Aluminum Heat Exchangers Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 68. Argentina Brazed Aluminum Heat Exchangers Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 69. Middle East & Africa Brazed Aluminum Heat Exchangers Sales Quantity Market Share by Type (2019-2030)

Figure 70. Middle East & Africa Brazed Aluminum Heat Exchangers Sales Quantity Market Share by Application (2019-2030)

Figure 71. Middle East & Africa Brazed Aluminum Heat Exchangers Sales Quantity Market Share by Region (2019-2030)

Figure 72. Middle East & Africa Brazed Aluminum Heat Exchangers Consumption Value Market Share by Region (2019-2030)

Figure 73. Turkey Brazed Aluminum Heat Exchangers Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 74. Egypt Brazed Aluminum Heat Exchangers Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 75. Saudi Arabia Brazed Aluminum Heat Exchangers Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 76. South Africa Brazed Aluminum Heat Exchangers Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 77. Brazed Aluminum Heat Exchangers Market Drivers

Figure 78. Brazed Aluminum Heat Exchangers Market Restraints

Figure 79. Brazed Aluminum Heat Exchangers Market Trends

Figure 80. Porters Five Forces Analysis

Figure 81. Manufacturing Cost Structure Analysis of Brazed Aluminum Heat Exchangers in 2023

Figure 82. Manufacturing Process Analysis of Brazed Aluminum Heat Exchangers

Figure 83. Brazed Aluminum Heat Exchangers Industrial Chain

Figure 84. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 85. Direct Channel Pros & Cons

Figure 86. Indirect Channel Pros & Cons

Figure 87. Methodology

Figure 88. Research Process and Data Source

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