

Global Cross-flow Plate Heat Exchanger Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/GC0CA44401E6EN.html>

Date: September 2026

Pages: 143

Price: US\$ 4,480.00 (Single User License)

ID: GC0CA44401E6EN

Abstracts

The global Cross-flow Plate Heat Exchanger market size is expected to reach \$ 662 million by 2032, rising at a market growth of 5.3% CAGR during the forecast period (2026-2032).

A cross-flow plate heat exchanger is a type of indirect heat exchange device that uses fixed thin plates or membrane materials that selectively transfer water vapor to separate fresh air, return air, or two streams of process gas within alternating flow channels, allowing the two airflows to cross in a near-perpendicular direction. Heat is transferred between the two airflows through aluminum, stainless steel, coated metals, engineering plastics, absorbent paper, or composite polymer membranes. Metal and ordinary plastic plates typically achieve sensible heat recovery, while absorbent paper and membrane materials can simultaneously transfer sensible heat and some moisture, achieving total heat or enthalpy recovery.

Key Findings

Cross-flow plate heat exchangers define market boundaries

Europe has formed the most concentrated professional supply system

Ventilation heat recovery forms the core demand foundation

Certified products can achieve heat recovery efficiencies approaching 90%

Efficiency, pressure drop, and leakage determine product selection

China's supply system is extensive but relatively fragmented

Industry Development Trends

The cross-flow plate heat exchanger market is upgrading from standardized aluminum cores to application-oriented engineering products. Product design places greater emphasis on a comprehensive balance between heat recovery efficiency, pressure drop, leakage, durability, and installation dimensions. Manufacturers continue to expand the use of coated aluminum, polymers, and stainless steel materials to adapt to corrosive exhaust air, hygiene-sensitive ventilation, high humidity conditions, and high-temperature process environments. In the long term, the industry will focus on improving energy recovery capacity per unit installation volume, enhancing material compatibility, and increasing the transparency of certification data, rather than forming a single universal core design.

Market Dynamics

Driven Factors

Market demand is primarily driven by reducing heating and cooling energy consumption from fresh air handling and process make-up air. Cross-flow plate heat exchangers passively transfer heat between exhaust air and incoming fresh air, reducing the load on coils, heat pumps, chillers, and boilers without requiring rotating heat storage media. Building energy efficiency requirements drive the integration of heat recovery systems into bidirectional ventilation systems, while indoor air quality targets increase the volume of outdoor fresh air requiring temperature control. Industrial users also have an economic incentive to recover energy from high-temperature exhaust gases during drying, manufacturing, and thermal management processes. The relatively compact cross-flow structure, high mechanical strength, and controllable pressure drop make it suitable for installation in air handling units and equipment cabinets where space and fan power are limited. Applications such as data center cooling are further expanding demand, where hot and cold airflow isolation, operational reliability, and low maintenance are crucial.

Limitations: The market is primarily limited by engineering trade-offs between heat exchange efficiency, air resistance, product size, and cost. Increasing plate depth or reducing channel spacing can enhance heat exchange but may also increase pressure

drop, fan power consumption, and ash buildup sensitivity. Condensation alters air resistance and requires careful selection of heat exchanger installation orientation and drainage structure; bypass, preheating, or other anti-frost measures may also be necessary in cold climates. Compared to optimized counter-flow structures of the same size, cross-flow structures are typically less efficient and may face replacement pressure in projects where maximum efficiency is paramount. Dust, grease, fibers, and process contaminants can accumulate in narrow flow channels, leading to performance degradation and increased cleaning requirements. Material selection also impacts economics: aluminum is suitable for standard ventilation while balancing cost and weight, while stainless steel, coated sheets, and specialized polymers are more expensive but may be necessary in corrosive, hygienic, or high-temperature environments.

Market Opportunities: Key market opportunities lie in scenarios requiring both compact passive heat exchangers and more customized standard ventilation cores. Industrial drying holds significant potential, as recovering exhaust heat can reduce process energy consumption and stabilize air conditions entering the drying system. Data centers, electrical cabinets, communication equipment, and power electronics systems also require isolated air-to-air cooling to reduce the exposure of protected equipment to external contaminants. The retrofit and replacement market is also attractive, as modular cross-flow cores can be sized to fit existing installation spaces and configured with corrosion-resistant panels or upgraded frames. Multi-core combinations, integrated bypass valves, low-leakage structures, washable designs, and selection tools aimed at energy savings throughout the entire product lifecycle can further enhance product value. Dedicated stainless steel structures extend the technology to higher-temperature process waste heat recovery, while polymer and coated products improve the equipment's suitability for high-humidity or chemically corrosive environments.

Industry Risks and Challenges

The industry needs to ensure reliable product performance in real-world environments significantly deviating from standard laboratory conditions. Heat exchange efficiency and pressure drop vary with airflow balance, temperature, humidity, condensation, contamination, and installation orientation, making system-level design capabilities crucial. Manufacturers must control plate geometry, channel consistency, sealing structures, frame, and connection quality to minimize leakage between fresh and exhaust air. Larger products and multi-core combinations also require addressing structural stiffness, uniform airflow distribution, and field installation tolerances. Customers increasingly demand independent validation data, but testing conditions and

performance indicators may differ across regional standards and project specifications.

Supply Chain Analysis

The upstream supply chain mainly includes aluminum sheets, coated aluminum, stainless steel, polymer sheets, frame profiles, sealing materials, adhesives, fasteners, insulation materials, and protective coatings. Material selection directly affects thermal conductivity, corrosion resistance, allowable operating temperature, weight, cleanliness, and cost. Standard ventilation cores typically prioritize aluminum due to its balanced thermal conductivity, formability, and weight. Coated sheets are suitable for environments with condensation or mild corrosion. Stainless steel is primarily used in scenarios with high requirements for temperature, hygiene, fire resistance, or chemical exposure. Polymer materials serve applications emphasizing corrosion resistance or specific humidity performance. Upstream costs are influenced by metal prices, coating quality, sheet thickness, material utilization, and the ability to stably process thin sheets.

The midstream value creation includes thermal design, sheet forming, flow channel processing, sheet stacking, bonding or welding, shell and frame manufacturing, sealing, module assembly, and performance testing. Manufacturers add value by transforming relatively standardized thin sheet materials into cores with controllable airflow distribution, heat exchange area, leakage, and structural integrity. Software selection, application engineering, and validated performance data are crucial because products must be matched to a project's airflow, temperature, humidity, pressure, and space constraints. Downstream customers primarily include air handling unit manufacturers, heat recovery ventilation equipment producers, ventilation system OEMs, industrial drying equipment suppliers, data center thermal management companies, and other machinery manufacturers. Revenue streams include stand-alone cores, framed modules, multi-core combinations, custom designs, and replacement products.

Market Segmentation Analysis

Within the identified research boundaries, stand-alone crossflow cores form the basic product tier, typically supplied to equipment manufacturers who handle their own framing, bypass structures, and cabinet integration. Framed modules improve installation ease of use through pre-configured structural supports, seals, and defined duct interfaces; multi-core combinations primarily serve applications with larger airflow volumes or requiring staged heat recovery.

Materials and performance specifications constitute another layer of differentiation.

Aluminum products cover the broadest range of commercial ventilation needs, while coated, polymer, and stainless steel products are suited to more stringent humidity, corrosion, hygiene, or temperature conditions. High-efficiency products are attractive in projects where heating and cooling energy consumption accounts for a significant portion of the total lifecycle cost; however, low-pressure-drop designs may create higher system value when fan power or available static pressure is limited.

Downstream Market Opportunities: Commercial and public building ventilation forms the main downstream demand base. Residential, schools, retail facilities, public buildings, and other densely populated areas require a continuous intake of fresh outdoor air while controlling heating and cooling loads. Industrial ventilation and drying present significant opportunities with a high degree of customization, particularly suitable for scenarios where exhaust energy can be used to regulate process makeup air temperature. Data center and electronic equipment cooling further drive demand for isolated airflow and low-maintenance passive heat transfer. Agricultural ventilation, communication equipment rooms, manufacturing equipment cabinets, and dedicated process air systems also offer application opportunities.

Regional Analysis: Europe is the region with the highest concentration of cross-flow plate heat exchanger suppliers, engineering capabilities, and product certifications. The region boasts established specialized manufacturers, a complete air handling unit supply chain, and a third-party performance certification system for air-to-air plate heat exchangers. Continued energy efficiency requirements for ventilation equipment support the demand for heat recovery components, with customers placing high value on verified heat exchange efficiency, pressure drop, and leakage data. European companies have also established multi-material and multi-structure product portfolios covering commercial ventilation, industrial heat recovery, and equipment replacement needs.

China has developed a broad but relatively fragmented manufacturing system, primarily serving domestic air handling, ventilation, and industrial equipment customers. Competition is particularly active in the standard aluminum core and price-sensitive customized products market. North America is a more mature application market, with demand driven by ventilation energy recovery, industrial waste heat utilization, and data center thermal management, and a strong emphasis on performance testing and system integration.

Competitive Landscape: The cross-flow plate heat exchanger market is dominated by a limited number of international specialist suppliers in the high-performance and

application-engineered product segments, while the broader standardized core market remains fragmented. Established specialists compete primarily by leveraging their proprietary plate designs, selection software, certified performance, material coverage, large-size manufacturing capabilities, and long-term relationships with air handling and industrial equipment OEMs.

Report Scope

This report studies the global Cross-flow Plate Heat Exchanger production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Cross-flow Plate Heat Exchanger and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Cross-flow Plate Heat Exchanger that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Cross-flow Plate Heat Exchanger total production and demand, 2021-2032, (K Units)

Global Cross-flow Plate Heat Exchanger total production value, 2021-2032, (USD Million)

Global Cross-flow Plate Heat Exchanger production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global Cross-flow Plate Heat Exchanger consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Cross-flow Plate Heat Exchanger domestic production, consumption, key domestic manufacturers and share

Global Cross-flow Plate Heat Exchanger production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global Cross-flow Plate Heat Exchanger production by Type, production, value,

CAGR, 2021-2032, (USD Million) & (K Units)

Global Cross-flow Plate Heat Exchanger production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Cross-flow Plate Heat Exchanger market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Heatex AB, CAREL Industries S.p.A., Zehnder Group AG, Hoval Aktiengesellschaft, RenewAire, LLC, Mitsubishi Electric Corporation, Beijing Holtop Air Conditioning Co., Ltd., Daikin Industries, Ltd., LG Electronics Inc., Munters Group AB, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Cross-flow Plate Heat Exchanger market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Cross-flow Plate Heat Exchanger Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Cross-flow Plate Heat Exchanger Market, Segmentation by Type:

Detachable

Brazed Type

Global Cross-flow Plate Heat Exchanger Market, Segmentation by Plate Material:

Stainless Steel

Titanium

Global Cross-flow Plate Heat Exchanger Market, Segmentation by Heat Exchange Efficiency:

40%~65%

>65%

Global Cross-flow Plate Heat Exchanger Market, Segmentation by Application:

Residential

Commercial Buildings

Hospitals

Schools

Other

Companies Profiled:

Heatex AB

CAREL Industries S.p.A.

Zehnder Group AG

Hoval Aktiengesellschaft

RenewAire, LLC

Mitsubishi Electric Corporation

Beijing Holtop Air Conditioning Co., Ltd.

Daikin Industries, Ltd.

LG Electronics Inc.

Munters Group AB

ERI Corporation S.r.l.

Trianon ?changeur

POLYBLOC AG

Xiamen Zhonghui Air Conditioning Co., Ltd.

Xiamen AIR-ERV Technology Co., Ltd.

Shanghai Shenglin M&E Technology Co., Ltd.

Dongguan Ruijie Thermal Equipment Co., Ltd.

Jiangsu Jiangping New Environment Technology Co., Ltd.

COOLING TECHNOLOGY (SUZHOU) CO., LTD.

Shanghai Huoci Huanbao Shebei Youxian Gongsi

Key Questions Answered:

1. How big is the global Cross-flow Plate Heat Exchanger market?
2. What is the demand of the global Cross-flow Plate Heat Exchanger market?
3. What is the year over year growth of the global Cross-flow Plate Heat Exchanger market?
4. What is the production and production value of the global Cross-flow Plate Heat Exchanger market?
5. Who are the key producers in the global Cross-flow Plate Heat Exchanger market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

1.1 Cross-flow Plate Heat Exchanger Introduction

1.2 World Cross-flow Plate Heat Exchanger Supply & Forecast

1.2.1 World Cross-flow Plate Heat Exchanger Production Value (2021 & 2025 & 2032)

1.2.2 World Cross-flow Plate Heat Exchanger Production (2021-2032)

1.2.3 World Cross-flow Plate Heat Exchanger Pricing Trends (2021-2032)

1.3 World Cross-flow Plate Heat Exchanger Production by Region (Based on Production Site)

1.3.1 World Cross-flow Plate Heat Exchanger Production Value by Region (2021-2032)

1.3.2 World Cross-flow Plate Heat Exchanger Production by Region (2021-2032)

1.3.3 World Cross-flow Plate Heat Exchanger Average Price by Region (2021-2032)

1.3.4 North America Cross-flow Plate Heat Exchanger Production (2021-2032)

1.3.5 Europe Cross-flow Plate Heat Exchanger Production (2021-2032)

1.3.6 China Cross-flow Plate Heat Exchanger Production (2021-2032)

1.3.7 Japan Cross-flow Plate Heat Exchanger Production (2021-2032)

1.4 Market Drivers, Restraints and Trends

1.4.1 Cross-flow Plate Heat Exchanger Market Drivers

1.4.2 Factors Affecting Demand

1.4.3 Cross-flow Plate Heat Exchanger Major Market Trends

2 DEMAND SUMMARY

2.1 World Cross-flow Plate Heat Exchanger Demand (2021-2032)

2.2 World Cross-flow Plate Heat Exchanger Consumption by Region

2.2.1 World Cross-flow Plate Heat Exchanger Consumption by Region (2021-2026)

2.2.2 World Cross-flow Plate Heat Exchanger Consumption Forecast by Region (2027-2032)

2.3 United States Cross-flow Plate Heat Exchanger Consumption (2021-2032)

2.4 China Cross-flow Plate Heat Exchanger Consumption (2021-2032)

2.5 Europe Cross-flow Plate Heat Exchanger Consumption (2021-2032)

2.6 Japan Cross-flow Plate Heat Exchanger Consumption (2021-2032)

2.7 South Korea Cross-flow Plate Heat Exchanger Consumption (2021-2032)

2.8 ASEAN Cross-flow Plate Heat Exchanger Consumption (2021-2032)

2.9 India Cross-flow Plate Heat Exchanger Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World Cross-flow Plate Heat Exchanger Production Value by Manufacturer

(2021-2026)

3.2 World Cross-flow Plate Heat Exchanger Production by Manufacturer (2021-2026)

3.3 World Cross-flow Plate Heat Exchanger Average Price by Manufacturer
(2021-2026)

3.4 Cross-flow Plate Heat Exchanger Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Cross-flow Plate Heat Exchanger Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Cross-flow Plate Heat Exchanger in 2025

3.5.3 Global Concentration Ratios (CR8) for Cross-flow Plate Heat Exchanger in 2025

3.6 Cross-flow Plate Heat Exchanger Market: Overall Company Footprint Analysis

3.6.1 Cross-flow Plate Heat Exchanger Market: Region Footprint

3.6.2 Cross-flow Plate Heat Exchanger Market: Company Product Type Footprint

3.6.3 Cross-flow Plate Heat Exchanger Market: Company Product Application

Footprint

3.7 Competitive Environment

3.7.1 Historical Structure of the Industry

3.7.2 Barriers of Market Entry

3.7.3 Factors of Competition

3.8 New Entrant and Capacity Expansion Plans

3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

4.1 United States VS China: Cross-flow Plate Heat Exchanger Production Value
Comparison

4.1.1 United States VS China: Cross-flow Plate Heat Exchanger Production Value
Comparison (2021 & 2025 & 2032)

4.1.2 United States VS China: Cross-flow Plate Heat Exchanger Production Value
Market Share Comparison (2021 & 2025 & 2032)

4.2 United States VS China: Cross-flow Plate Heat Exchanger Production Comparison

4.2.1 United States VS China: Cross-flow Plate Heat Exchanger Production
Comparison (2021 & 2025 & 2032)

4.2.2 United States VS China: Cross-flow Plate Heat Exchanger Production Market
Share Comparison (2021 & 2025 & 2032)

4.3 United States VS China: Cross-flow Plate Heat Exchanger Consumption
Comparison

4.3.1 United States VS China: Cross-flow Plate Heat Exchanger Consumption
Comparison (2021 & 2025 & 2032)

4.3.2 United States VS China: Cross-flow Plate Heat Exchanger Consumption Market
Share Comparison (2021 & 2025 & 2032)

4.4 United States Based Cross-flow Plate Heat Exchanger Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Cross-flow Plate Heat Exchanger Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Cross-flow Plate Heat Exchanger Production Value (2021-2026)

4.4.3 United States Based Manufacturers Cross-flow Plate Heat Exchanger Production (2021-2026)

4.5 China Based Cross-flow Plate Heat Exchanger Manufacturers and Market Share

4.5.1 China Based Cross-flow Plate Heat Exchanger Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Cross-flow Plate Heat Exchanger Production Value (2021-2026)

4.5.3 China Based Manufacturers Cross-flow Plate Heat Exchanger Production (2021-2026)

4.6 Rest of World Based Cross-flow Plate Heat Exchanger Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Cross-flow Plate Heat Exchanger Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Cross-flow Plate Heat Exchanger Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Cross-flow Plate Heat Exchanger Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Cross-flow Plate Heat Exchanger Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Detachable

5.2.2 Brazed Type

5.3 Market Segment by Type

5.3.1 World Cross-flow Plate Heat Exchanger Production by Type (2021-2032)

5.3.2 World Cross-flow Plate Heat Exchanger Production Value by Type (2021-2032)

5.3.3 World Cross-flow Plate Heat Exchanger Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY PLATE MATERIAL

6.1 World Cross-flow Plate Heat Exchanger Market Size Overview by Plate Material: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Plate Material

6.2.1 Stainless Steel

6.2.2 Titanium

6.3 Market Segment by Plate Material

6.3.1 World Cross-flow Plate Heat Exchanger Production by Plate Material
(2021-2032)

6.3.2 World Cross-flow Plate Heat Exchanger Production Value by Plate Material
(2021-2032)

6.3.3 World Cross-flow Plate Heat Exchanger Average Price by Plate Material
(2021-2032)

7 MARKET ANALYSIS BY HEAT EXCHANGE EFFICIENCY

7.1 World Cross-flow Plate Heat Exchanger Market Size Overview by Heat Exchange Efficiency: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Heat Exchange Efficiency

7.2.1 40%~65%

7.2.2 >65%

7.3 Market Segment by Heat Exchange Efficiency

7.3.1 World Cross-flow Plate Heat Exchanger Production by Heat Exchange Efficiency
(2021-2032)

7.3.2 World Cross-flow Plate Heat Exchanger Production Value by Heat Exchange Efficiency (2021-2032)

7.3.3 World Cross-flow Plate Heat Exchanger Average Price by Heat Exchange Efficiency (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Cross-flow Plate Heat Exchanger Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Residential

8.2.2 Commercial Buildings

8.2.3 Hospitals

8.2.4 Schools

8.2.5 Other

8.3 Market Segment by Application

8.3.1 World Cross-flow Plate Heat Exchanger Production by Application (2021-2032)
8.3.2 World Cross-flow Plate Heat Exchanger Production Value by Application
(2021-2032)

8.3.3 World Cross-flow Plate Heat Exchanger Average Price by Application
(2021-2032)

9 COMPANY PROFILES

9.1 Heatex AB

9.1.1 Heatex AB Details

9.1.2 Heatex AB Major Business

9.1.3 Heatex AB Cross-flow Plate Heat Exchanger Product and Services

9.1.4 Heatex AB Cross-flow Plate Heat Exchanger Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 Heatex AB Recent Developments/Updates

9.1.6 Heatex AB Competitive Strengths & Weaknesses

9.2 CAREL Industries S.p.A.

9.2.1 CAREL Industries S.p.A. Details

9.2.2 CAREL Industries S.p.A. Major Business

9.2.3 CAREL Industries S.p.A. Cross-flow Plate Heat Exchanger Product and Services

9.2.4 CAREL Industries S.p.A. Cross-flow Plate Heat Exchanger Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.2.5 CAREL Industries S.p.A. Recent Developments/Updates

9.2.6 CAREL Industries S.p.A. Competitive Strengths & Weaknesses

9.3 Zehnder Group AG

9.3.1 Zehnder Group AG Details

9.3.2 Zehnder Group AG Major Business

9.3.3 Zehnder Group AG Cross-flow Plate Heat Exchanger Product and Services

9.3.4 Zehnder Group AG Cross-flow Plate Heat Exchanger Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.3.5 Zehnder Group AG Recent Developments/Updates

9.3.6 Zehnder Group AG Competitive Strengths & Weaknesses

9.4 Hoval Aktiengesellschaft

9.4.1 Hoval Aktiengesellschaft Details

9.4.2 Hoval Aktiengesellschaft Major Business

9.4.3 Hoval Aktiengesellschaft Cross-flow Plate Heat Exchanger Product and Services

9.4.4 Hoval Aktiengesellschaft Cross-flow Plate Heat Exchanger Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.4.5 Hoval Aktiengesellschaft Recent Developments/Updates

9.4.6 Hoval Aktiengesellschaft Competitive Strengths & Weaknesses

9.5 RenewAire, LLC

9.5.1 RenewAire, LLC Details

9.5.2 RenewAire, LLC Major Business

9.5.3 RenewAire, LLC Cross-flow Plate Heat Exchanger Product and Services

9.5.4 RenewAire, LLC Cross-flow Plate Heat Exchanger Production, Price, Value,

Gross Margin and Market Share (2021-2026)

9.5.5 RenewAire, LLC Recent Developments/Updates

9.5.6 RenewAire, LLC Competitive Strengths & Weaknesses

9.6 Mitsubishi Electric Corporation

9.6.1 Mitsubishi Electric Corporation Details

9.6.2 Mitsubishi Electric Corporation Major Business

9.6.3 Mitsubishi Electric Corporation Cross-flow Plate Heat Exchanger Product and Services

9.6.4 Mitsubishi Electric Corporation Cross-flow Plate Heat Exchanger Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.6.5 Mitsubishi Electric Corporation Recent Developments/Updates

9.6.6 Mitsubishi Electric Corporation Competitive Strengths & Weaknesses

9.7 Beijing Holtop Air Conditioning Co., Ltd.

9.7.1 Beijing Holtop Air Conditioning Co., Ltd. Details

9.7.2 Beijing Holtop Air Conditioning Co., Ltd. Major Business

9.7.3 Beijing Holtop Air Conditioning Co., Ltd. Cross-flow Plate Heat Exchanger Product and Services

9.7.4 Beijing Holtop Air Conditioning Co., Ltd. Cross-flow Plate Heat Exchanger Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.7.5 Beijing Holtop Air Conditioning Co., Ltd. Recent Developments/Updates

9.7.6 Beijing Holtop Air Conditioning Co., Ltd. Competitive Strengths & Weaknesses

9.8 Daikin Industries, Ltd.

9.8.1 Daikin Industries, Ltd. Details

9.8.2 Daikin Industries, Ltd. Major Business

9.8.3 Daikin Industries, Ltd. Cross-flow Plate Heat Exchanger Product and Services

9.8.4 Daikin Industries, Ltd. Cross-flow Plate Heat Exchanger Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.8.5 Daikin Industries, Ltd. Recent Developments/Updates

9.8.6 Daikin Industries, Ltd. Competitive Strengths & Weaknesses

9.9 LG Electronics Inc.

9.9.1 LG Electronics Inc. Details

9.9.2 LG Electronics Inc. Major Business

9.9.3 LG Electronics Inc. Cross-flow Plate Heat Exchanger Product and Services

9.9.4 LG Electronics Inc. Cross-flow Plate Heat Exchanger Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.9.5 LG Electronics Inc. Recent Developments/Updates

9.9.6 LG Electronics Inc. Competitive Strengths & Weaknesses

9.10 Munters Group AB

9.10.1 Munters Group AB Details

- 9.10.2 Munters Group AB Major Business
- 9.10.3 Munters Group AB Cross-flow Plate Heat Exchanger Product and Services
- 9.10.4 Munters Group AB Cross-flow Plate Heat Exchanger Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.10.5 Munters Group AB Recent Developments/Updates
- 9.10.6 Munters Group AB Competitive Strengths & Weaknesses
- 9.11 ERI Corporation S.r.l.
 - 9.11.1 ERI Corporation S.r.l. Details
 - 9.11.2 ERI Corporation S.r.l. Major Business
 - 9.11.3 ERI Corporation S.r.l. Cross-flow Plate Heat Exchanger Product and Services
 - 9.11.4 ERI Corporation S.r.l. Cross-flow Plate Heat Exchanger Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.11.5 ERI Corporation S.r.l. Recent Developments/Updates
 - 9.11.6 ERI Corporation S.r.l. Competitive Strengths & Weaknesses
- 9.12 Trianon ?changeur
 - 9.12.1 Trianon ?changeur Details
 - 9.12.2 Trianon ?changeur Major Business
 - 9.12.3 Trianon ?changeur Cross-flow Plate Heat Exchanger Product and Services
 - 9.12.4 Trianon ?changeur Cross-flow Plate Heat Exchanger Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.12.5 Trianon ?changeur Recent Developments/Updates
 - 9.12.6 Trianon ?changeur Competitive Strengths & Weaknesses
- 9.13 POLYBLOC AG
 - 9.13.1 POLYBLOC AG Details
 - 9.13.2 POLYBLOC AG Major Business
 - 9.13.3 POLYBLOC AG Cross-flow Plate Heat Exchanger Product and Services
 - 9.13.4 POLYBLOC AG Cross-flow Plate Heat Exchanger Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.13.5 POLYBLOC AG Recent Developments/Updates
 - 9.13.6 POLYBLOC AG Competitive Strengths & Weaknesses
- 9.14 Xiamen Zhonghui Air Conditioning Co., Ltd.
 - 9.14.1 Xiamen Zhonghui Air Conditioning Co., Ltd. Details
 - 9.14.2 Xiamen Zhonghui Air Conditioning Co., Ltd. Major Business
 - 9.14.3 Xiamen Zhonghui Air Conditioning Co., Ltd. Cross-flow Plate Heat Exchanger Product and Services
 - 9.14.4 Xiamen Zhonghui Air Conditioning Co., Ltd. Cross-flow Plate Heat Exchanger Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.14.5 Xiamen Zhonghui Air Conditioning Co., Ltd. Recent Developments/Updates
 - 9.14.6 Xiamen Zhonghui Air Conditioning Co., Ltd. Competitive Strengths &

Weaknesses

9.15 Xiamen AIR-ERV Technology Co., Ltd.

9.15.1 Xiamen AIR-ERV Technology Co., Ltd. Details

9.15.2 Xiamen AIR-ERV Technology Co., Ltd. Major Business

9.15.3 Xiamen AIR-ERV Technology Co., Ltd. Cross-flow Plate Heat Exchanger

Product and Services

9.15.4 Xiamen AIR-ERV Technology Co., Ltd. Cross-flow Plate Heat Exchanger

Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.15.5 Xiamen AIR-ERV Technology Co., Ltd. Recent Developments/Updates

9.15.6 Xiamen AIR-ERV Technology Co., Ltd. Competitive Strengths & Weaknesses

9.16 Shanghai Shenglin M&E Technology Co., Ltd.

9.16.1 Shanghai Shenglin M&E Technology Co., Ltd. Details

9.16.2 Shanghai Shenglin M&E Technology Co., Ltd. Major Business

9.16.3 Shanghai Shenglin M&E Technology Co., Ltd. Cross-flow Plate Heat Exchanger

Product and Services

9.16.4 Shanghai Shenglin M&E Technology Co., Ltd. Cross-flow Plate Heat Exchanger

Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.16.5 Shanghai Shenglin M&E Technology Co., Ltd. Recent Developments/Updates

9.16.6 Shanghai Shenglin M&E Technology Co., Ltd. Competitive Strengths &

Weaknesses

9.17 Dongguan Ruijie Thermal Equipment Co., Ltd.

9.17.1 Dongguan Ruijie Thermal Equipment Co., Ltd. Details

9.17.2 Dongguan Ruijie Thermal Equipment Co., Ltd. Major Business

9.17.3 Dongguan Ruijie Thermal Equipment Co., Ltd. Cross-flow Plate Heat

Exchanger Product and Services

9.17.4 Dongguan Ruijie Thermal Equipment Co., Ltd. Cross-flow Plate Heat

Exchanger Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.17.5 Dongguan Ruijie Thermal Equipment Co., Ltd. Recent Developments/Updates

9.17.6 Dongguan Ruijie Thermal Equipment Co., Ltd. Competitive Strengths &

Weaknesses

9.18 Jiangsu Jiangping New Environment Technology Co., Ltd.

9.18.1 Jiangsu Jiangping New Environment Technology Co., Ltd. Details

9.18.2 Jiangsu Jiangping New Environment Technology Co., Ltd. Major Business

9.18.3 Jiangsu Jiangping New Environment Technology Co., Ltd. Cross-flow Plate

Heat Exchanger Product and Services

9.18.4 Jiangsu Jiangping New Environment Technology Co., Ltd. Cross-flow Plate

Heat Exchanger Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.18.5 Jiangsu Jiangping New Environment Technology Co., Ltd. Recent

Developments/Updates

9.18.6 Jiangsu Jiangping New Environment Technology Co., Ltd. Competitive Strengths & Weaknesses

9.19 COOLING TECHNOLOGY (SUZHOU) CO., LTD.

9.19.1 COOLING TECHNOLOGY (SUZHOU) CO., LTD. Details

9.19.2 COOLING TECHNOLOGY (SUZHOU) CO., LTD. Major Business

9.19.3 COOLING TECHNOLOGY (SUZHOU) CO., LTD. Cross-flow Plate Heat Exchanger Product and Services

9.19.4 COOLING TECHNOLOGY (SUZHOU) CO., LTD. Cross-flow Plate Heat Exchanger Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.19.5 COOLING TECHNOLOGY (SUZHOU) CO., LTD. Recent Developments/Updates

9.19.6 COOLING TECHNOLOGY (SUZHOU) CO., LTD. Competitive Strengths & Weaknesses

9.20 Shanghai Huoci Huanbao Shebei Youxian Gongsi

9.20.1 Shanghai Huoci Huanbao Shebei Youxian Gongsi Details

9.20.2 Shanghai Huoci Huanbao Shebei Youxian Gongsi Major Business

9.20.3 Shanghai Huoci Huanbao Shebei Youxian Gongsi Cross-flow Plate Heat Exchanger Product and Services

9.20.4 Shanghai Huoci Huanbao Shebei Youxian Gongsi Cross-flow Plate Heat Exchanger Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.20.5 Shanghai Huoci Huanbao Shebei Youxian Gongsi Recent Developments/Updates

9.20.6 Shanghai Huoci Huanbao Shebei Youxian Gongsi Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 Cross-flow Plate Heat Exchanger Industry Chain

10.2 Cross-flow Plate Heat Exchanger Upstream Analysis

10.2.1 Cross-flow Plate Heat Exchanger Core Raw Materials

10.2.2 Main Manufacturers of Cross-flow Plate Heat Exchanger Core Raw Materials

10.3 Midstream Analysis

10.4 Downstream Analysis

10.5 Cross-flow Plate Heat Exchanger Production Mode

10.6 Cross-flow Plate Heat Exchanger Procurement Model

10.7 Cross-flow Plate Heat Exchanger Industry Sales Model and Sales Channels

10.7.1 Cross-flow Plate Heat Exchanger Sales Model

10.7.2 Cross-flow Plate Heat Exchanger Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

12.1 Methodology

12.2 Research Process and Data Source

12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Cross-flow Plate Heat Exchanger Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Cross-flow Plate Heat Exchanger Production Value by Region (2021-2026) & (USD Million)

Table 3. World Cross-flow Plate Heat Exchanger Production Value by Region (2027-2032) & (USD Million)

Table 4. World Cross-flow Plate Heat Exchanger Production Value Market Share by Region (2021-2026)

Table 5. World Cross-flow Plate Heat Exchanger Production Value Market Share by Region (2027-2032)

Table 6. World Cross-flow Plate Heat Exchanger Production by Region (2021-2026) & (K Units)

Table 7. World Cross-flow Plate Heat Exchanger Production by Region (2027-2032) & (K Units)

Table 8. World Cross-flow Plate Heat Exchanger Production Market Share by Region (2021-2026)

Table 9. World Cross-flow Plate Heat Exchanger Production Market Share by Region (2027-2032)

Table 10. World Cross-flow Plate Heat Exchanger Average Price by Region (2021-2026) & (US\$/Unit)

Table 11. World Cross-flow Plate Heat Exchanger Average Price by Region (2027-2032) & (US\$/Unit)

Table 12. Cross-flow Plate Heat Exchanger Major Market Trends

Table 13. World Cross-flow Plate Heat Exchanger Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (K Units)

Table 14. World Cross-flow Plate Heat Exchanger Consumption by Region (2021-2026) & (K Units)

Table 15. World Cross-flow Plate Heat Exchanger Consumption Forecast by Region (2027-2032) & (K Units)

Table 16. World Cross-flow Plate Heat Exchanger Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Cross-flow Plate Heat Exchanger Producers in 2025

Table 18. World Cross-flow Plate Heat Exchanger Production by Manufacturer (2021-2026) & (K Units)

Table 19. Production Market Share of Key Cross-flow Plate Heat Exchanger Producers in 2025

Table 20. World Cross-flow Plate Heat Exchanger Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 21. Global Cross-flow Plate Heat Exchanger Company Evaluation Quadrant

Table 22. World Cross-flow Plate Heat Exchanger Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Cross-flow Plate Heat Exchanger Production Site of Key Manufacturer

Table 24. Cross-flow Plate Heat Exchanger Market: Company Product Type Footprint

Table 25. Cross-flow Plate Heat Exchanger Market: Company Product Application Footprint

Table 26. Cross-flow Plate Heat Exchanger Competitive Factors

Table 27. Cross-flow Plate Heat Exchanger New Entrant and Capacity Expansion Plans

Table 28. Cross-flow Plate Heat Exchanger Mergers & Acquisitions Activity

Table 29. United States VS China Cross-flow Plate Heat Exchanger Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Cross-flow Plate Heat Exchanger Production Comparison, (2021 & 2025 & 2032) & (K Units)

Table 31. United States VS China Cross-flow Plate Heat Exchanger Consumption Comparison, (2021 & 2025 & 2032) & (K Units)

Table 32. United States Based Cross-flow Plate Heat Exchanger Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Cross-flow Plate Heat Exchanger Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Cross-flow Plate Heat Exchanger Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Cross-flow Plate Heat Exchanger Production (2021-2026) & (K Units)

Table 36. United States Based Manufacturers Cross-flow Plate Heat Exchanger Production Market Share (2021-2026)

Table 37. China Based Cross-flow Plate Heat Exchanger Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Cross-flow Plate Heat Exchanger Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Cross-flow Plate Heat Exchanger Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Cross-flow Plate Heat Exchanger Production, (2021-2026) & (K Units)

Table 41. China Based Manufacturers Cross-flow Plate Heat Exchanger Production Market Share (2021-2026)

Table 42. Rest of World Based Cross-flow Plate Heat Exchanger Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Cross-flow Plate Heat Exchanger Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Cross-flow Plate Heat Exchanger Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Cross-flow Plate Heat Exchanger Production, (2021-2026) & (K Units)

Table 46. Rest of World Based Manufacturers Cross-flow Plate Heat Exchanger Production Market Share (2021-2026)

Table 47. World Cross-flow Plate Heat Exchanger Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Cross-flow Plate Heat Exchanger Production by Type (2021-2026) & (K Units)

Table 49. World Cross-flow Plate Heat Exchanger Production by Type (2027-2032) & (K Units)

Table 50. World Cross-flow Plate Heat Exchanger Production Value by Type (2021-2026) & (USD Million)

Table 51. World Cross-flow Plate Heat Exchanger Production Value by Type (2027-2032) & (USD Million)

Table 52. World Cross-flow Plate Heat Exchanger Average Price by Type (2021-2026) & (US\$/Unit)

Table 53. World Cross-flow Plate Heat Exchanger Average Price by Type (2027-2032) & (US\$/Unit)

Table 54. World Cross-flow Plate Heat Exchanger Production Value by Plate Material, (USD Million), 2021 & 2025 & 2032

Table 55. World Cross-flow Plate Heat Exchanger Production by Plate Material (2021-2026) & (K Units)

Table 56. World Cross-flow Plate Heat Exchanger Production by Plate Material (2027-2032) & (K Units)

Table 57. World Cross-flow Plate Heat Exchanger Production Value by Plate Material (2021-2026) & (USD Million)

Table 58. World Cross-flow Plate Heat Exchanger Production Value by Plate Material (2027-2032) & (USD Million)

Table 59. World Cross-flow Plate Heat Exchanger Average Price by Plate Material (2021-2026) & (US\$/Unit)

Table 60. World Cross-flow Plate Heat Exchanger Average Price by Plate Material

(2027-2032) & (US\$/Unit)

Table 61. World Cross-flow Plate Heat Exchanger Production Value by Heat Exchange Efficiency, (USD Million), 2021 & 2025 & 2032

Table 62. World Cross-flow Plate Heat Exchanger Production by Heat Exchange Efficiency (2021-2026) & (K Units)

Table 63. World Cross-flow Plate Heat Exchanger Production by Heat Exchange Efficiency (2027-2032) & (K Units)

Table 64. World Cross-flow Plate Heat Exchanger Production Value by Heat Exchange Efficiency (2021-2026) & (USD Million)

Table 65. World Cross-flow Plate Heat Exchanger Production Value by Heat Exchange Efficiency (2027-2032) & (USD Million)

Table 66. World Cross-flow Plate Heat Exchanger Average Price by Heat Exchange Efficiency (2021-2026) & (US\$/Unit)

Table 67. World Cross-flow Plate Heat Exchanger Average Price by Heat Exchange Efficiency (2027-2032) & (US\$/Unit)

Table 68. World Cross-flow Plate Heat Exchanger Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World Cross-flow Plate Heat Exchanger Production by Application (2021-2026) & (K Units)

Table 70. World Cross-flow Plate Heat Exchanger Production by Application (2027-2032) & (K Units)

Table 71. World Cross-flow Plate Heat Exchanger Production Value by Application (2021-2026) & (USD Million)

Table 72. World Cross-flow Plate Heat Exchanger Production Value by Application (2027-2032) & (USD Million)

Table 73. World Cross-flow Plate Heat Exchanger Average Price by Application (2021-2026) & (US\$/Unit)

Table 74. World Cross-flow Plate Heat Exchanger Average Price by Application (2027-2032) & (US\$/Unit)

Table 75. Heatex AB Basic Information, Manufacturing Base and Competitors

Table 76. Heatex AB Major Business

Table 77. Heatex AB Cross-flow Plate Heat Exchanger Product and Services

Table 78. Heatex AB Cross-flow Plate Heat Exchanger Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Heatex AB Recent Developments/Updates

Table 80. Heatex AB Competitive Strengths & Weaknesses

Table 81. CAREL Industries S.p.A. Basic Information, Manufacturing Base and Competitors

Table 82. CAREL Industries S.p.A. Major Business

Table 83. CAREL Industries S.p.A. Cross-flow Plate Heat Exchanger Product and Services

Table 84. CAREL Industries S.p.A. Cross-flow Plate Heat Exchanger Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. CAREL Industries S.p.A. Recent Developments/Updates

Table 86. CAREL Industries S.p.A. Competitive Strengths & Weaknesses

Table 87. Zehnder Group AG Basic Information, Manufacturing Base and Competitors

Table 88. Zehnder Group AG Major Business

Table 89. Zehnder Group AG Cross-flow Plate Heat Exchanger Product and Services

Table 90. Zehnder Group AG Cross-flow Plate Heat Exchanger Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. Zehnder Group AG Recent Developments/Updates

Table 92. Zehnder Group AG Competitive Strengths & Weaknesses

Table 93. Hoval Aktiengesellschaft Basic Information, Manufacturing Base and Competitors

Table 94. Hoval Aktiengesellschaft Major Business

Table 95. Hoval Aktiengesellschaft Cross-flow Plate Heat Exchanger Product and Services

Table 96. Hoval Aktiengesellschaft Cross-flow Plate Heat Exchanger Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. Hoval Aktiengesellschaft Recent Developments/Updates

Table 98. Hoval Aktiengesellschaft Competitive Strengths & Weaknesses

Table 99. RenewAire, LLC Basic Information, Manufacturing Base and Competitors

Table 100. RenewAire, LLC Major Business

Table 101. RenewAire, LLC Cross-flow Plate Heat Exchanger Product and Services

Table 102. RenewAire, LLC Cross-flow Plate Heat Exchanger Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. RenewAire, LLC Recent Developments/Updates

Table 104. RenewAire, LLC Competitive Strengths & Weaknesses

Table 105. Mitsubishi Electric Corporation Basic Information, Manufacturing Base and Competitors

Table 106. Mitsubishi Electric Corporation Major Business

Table 107. Mitsubishi Electric Corporation Cross-flow Plate Heat Exchanger Product and Services

Table 108. Mitsubishi Electric Corporation Cross-flow Plate Heat Exchanger Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. Mitsubishi Electric Corporation Recent Developments/Updates

Table 110. Mitsubishi Electric Corporation Competitive Strengths & Weaknesses

Table 111. Beijing Holtop Air Conditioning Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 112. Beijing Holtop Air Conditioning Co., Ltd. Major Business

Table 113. Beijing Holtop Air Conditioning Co., Ltd. Cross-flow Plate Heat Exchanger Product and Services

Table 114. Beijing Holtop Air Conditioning Co., Ltd. Cross-flow Plate Heat Exchanger Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 115. Beijing Holtop Air Conditioning Co., Ltd. Recent Developments/Updates

Table 116. Beijing Holtop Air Conditioning Co., Ltd. Competitive Strengths & Weaknesses

Table 117. Daikin Industries, Ltd. Basic Information, Manufacturing Base and Competitors

Table 118. Daikin Industries, Ltd. Major Business

Table 119. Daikin Industries, Ltd. Cross-flow Plate Heat Exchanger Product and Services

Table 120. Daikin Industries, Ltd. Cross-flow Plate Heat Exchanger Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 121. Daikin Industries, Ltd. Recent Developments/Updates

Table 122. Daikin Industries, Ltd. Competitive Strengths & Weaknesses

Table 123. LG Electronics Inc. Basic Information, Manufacturing Base and Competitors

Table 124. LG Electronics Inc. Major Business

Table 125. LG Electronics Inc. Cross-flow Plate Heat Exchanger Product and Services

Table 126. LG Electronics Inc. Cross-flow Plate Heat Exchanger Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 127. LG Electronics Inc. Recent Developments/Updates

Table 128. LG Electronics Inc. Competitive Strengths & Weaknesses

Table 129. Munters Group AB Basic Information, Manufacturing Base and Competitors

Table 130. Munters Group AB Major Business

Table 131. Munters Group AB Cross-flow Plate Heat Exchanger Product and Services

Table 132. Munters Group AB Cross-flow Plate Heat Exchanger Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share

(2021-2026)

Table 133. Munters Group AB Recent Developments/Updates

Table 134. Munters Group AB Competitive Strengths & Weaknesses

Table 135. ERI Corporation S.r.l. Basic Information, Manufacturing Base and Competitors

Table 136. ERI Corporation S.r.l. Major Business

Table 137. ERI Corporation S.r.l. Cross-flow Plate Heat Exchanger Product and Services

Table 138. ERI Corporation S.r.l. Cross-flow Plate Heat Exchanger Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 139. ERI Corporation S.r.l. Recent Developments/Updates

Table 140. ERI Corporation S.r.l. Competitive Strengths & Weaknesses

Table 141. Trianon ?changeur Basic Information, Manufacturing Base and Competitors

Table 142. Trianon ?changeur Major Business

Table 143. Trianon ?changeur Cross-flow Plate Heat Exchanger Product and Services

Table 144. Trianon ?changeur Cross-flow Plate Heat Exchanger Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 145. Trianon ?changeur Recent Developments/Updates

Table 146. Trianon ?changeur Competitive Strengths & Weaknesses

Table 147. POLYBLOC AG Basic Information, Manufacturing Base and Competitors

Table 148. POLYBLOC AG Major Business

Table 149. POLYBLOC AG Cross-flow Plate Heat Exchanger Product and Services

Table 150. POLYBLOC AG Cross-flow Plate Heat Exchanger Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 151. POLYBLOC AG Recent Developments/Updates

Table 152. POLYBLOC AG Competitive Strengths & Weaknesses

Table 153. Xiamen Zhonghui Air Conditioning Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 154. Xiamen Zhonghui Air Conditioning Co., Ltd. Major Business

Table 155. Xiamen Zhonghui Air Conditioning Co., Ltd. Cross-flow Plate Heat Exchanger Product and Services

Table 156. Xiamen Zhonghui Air Conditioning Co., Ltd. Cross-flow Plate Heat Exchanger Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 157. Xiamen Zhonghui Air Conditioning Co., Ltd. Recent Developments/Updates

Table 158. Xiamen Zhonghui Air Conditioning Co., Ltd. Competitive Strengths &

Weaknesses

Table 159. Xiamen AIR-ERV Technology Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 160. Xiamen AIR-ERV Technology Co., Ltd. Major Business

Table 161. Xiamen AIR-ERV Technology Co., Ltd. Cross-flow Plate Heat Exchanger Product and Services

Table 162. Xiamen AIR-ERV Technology Co., Ltd. Cross-flow Plate Heat Exchanger Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 163. Xiamen AIR-ERV Technology Co., Ltd. Recent Developments/Updates

Table 164. Xiamen AIR-ERV Technology Co., Ltd. Competitive Strengths & Weaknesses

Table 165. Shanghai Shenglin M&E Technology Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 166. Shanghai Shenglin M&E Technology Co., Ltd. Major Business

Table 167. Shanghai Shenglin M&E Technology Co., Ltd. Cross-flow Plate Heat Exchanger Product and Services

Table 168. Shanghai Shenglin M&E Technology Co., Ltd. Cross-flow Plate Heat Exchanger Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 169. Shanghai Shenglin M&E Technology Co., Ltd. Recent Developments/Updates

Table 170. Shanghai Shenglin M&E Technology Co., Ltd. Competitive Strengths & Weaknesses

Table 171. Dongguan Ruijie Thermal Equipment Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 172. Dongguan Ruijie Thermal Equipment Co., Ltd. Major Business

Table 173. Dongguan Ruijie Thermal Equipment Co., Ltd. Cross-flow Plate Heat Exchanger Product and Services

Table 174. Dongguan Ruijie Thermal Equipment Co., Ltd. Cross-flow Plate Heat Exchanger Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 175. Dongguan Ruijie Thermal Equipment Co., Ltd. Recent Developments/Updates

Table 176. Dongguan Ruijie Thermal Equipment Co., Ltd. Competitive Strengths & Weaknesses

Table 177. Jiangsu Jiangping New Environment Technology Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 178. Jiangsu Jiangping New Environment Technology Co., Ltd. Major Business

Table 179. Jiangsu Jiangping New Environment Technology Co., Ltd. Cross-flow Plate Heat Exchanger Product and Services

Table 180. Jiangsu Jiangping New Environment Technology Co., Ltd. Cross-flow Plate Heat Exchanger Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 181. Jiangsu Jiangping New Environment Technology Co., Ltd. Recent Developments/Updates

Table 182. Jiangsu Jiangping New Environment Technology Co., Ltd. Competitive Strengths & Weaknesses

Table 183. COOLING TECHNOLOGY (SUZHOU) CO., LTD. Basic Information, Manufacturing Base and Competitors

Table 184. COOLING TECHNOLOGY (SUZHOU) CO., LTD. Major Business

Table 185. COOLING TECHNOLOGY (SUZHOU) CO., LTD. Cross-flow Plate Heat Exchanger Product and Services

Table 186. COOLING TECHNOLOGY (SUZHOU) CO., LTD. Cross-flow Plate Heat Exchanger Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 187. COOLING TECHNOLOGY (SUZHOU) CO., LTD. Recent Developments/Updates

Table 188. COOLING TECHNOLOGY (SUZHOU) CO., LTD. Competitive Strengths & Weaknesses

Table 189. Shanghai Huoci Huanbao Shebei Youxian Gongsi Basic Information, Manufacturing Base and Competitors

Table 190. Shanghai Huoci Huanbao Shebei Youxian Gongsi Major Business

Table 191. Shanghai Huoci Huanbao Shebei Youxian Gongsi Cross-flow Plate Heat Exchanger Product and Services

Table 192. Shanghai Huoci Huanbao Shebei Youxian Gongsi Cross-flow Plate Heat Exchanger Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 193. Shanghai Huoci Huanbao Shebei Youxian Gongsi Recent Developments/Updates

Table 194. Shanghai Huoci Huanbao Shebei Youxian Gongsi Competitive Strengths & Weaknesses

Table 195. Global Key Players of Cross-flow Plate Heat Exchanger Upstream (Raw Materials)

Table 196. Global Cross-flow Plate Heat Exchanger Typical Customers

Table 197. Cross-flow Plate Heat Exchanger Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Cross-flow Plate Heat Exchanger Picture

Figure 2. World Cross-flow Plate Heat Exchanger Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Cross-flow Plate Heat Exchanger Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Cross-flow Plate Heat Exchanger Production (2021-2032) & (K Units)

Figure 5. World Cross-flow Plate Heat Exchanger Average Price (2021-2032) & (US\$/Unit)

Figure 6. World Cross-flow Plate Heat Exchanger Production Value Market Share by Region (2021-2032)

Figure 7. World Cross-flow Plate Heat Exchanger Production Market Share by Region (2021-2032)

Figure 8. North America Cross-flow Plate Heat Exchanger Production (2021-2032) & (K Units)

Figure 9. Europe Cross-flow Plate Heat Exchanger Production (2021-2032) & (K Units)

Figure 10. China Cross-flow Plate Heat Exchanger Production (2021-2032) & (K Units)

Figure 11. Japan Cross-flow Plate Heat Exchanger Production (2021-2032) & (K Units)

Figure 12. Cross-flow Plate Heat Exchanger Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Cross-flow Plate Heat Exchanger Consumption (2021-2032) & (K Units)

Figure 15. World Cross-flow Plate Heat Exchanger Consumption Market Share by Region (2021-2032)

Figure 16. United States Cross-flow Plate Heat Exchanger Consumption (2021-2032) & (K Units)

Figure 17. China Cross-flow Plate Heat Exchanger Consumption (2021-2032) & (K Units)

Figure 18. Europe Cross-flow Plate Heat Exchanger Consumption (2021-2032) & (K Units)

Figure 19. Japan Cross-flow Plate Heat Exchanger Consumption (2021-2032) & (K Units)

Figure 20. South Korea Cross-flow Plate Heat Exchanger Consumption (2021-2032) & (K Units)

Figure 21. ASEAN Cross-flow Plate Heat Exchanger Consumption (2021-2032) & (K Units)

Figure 22. India Cross-flow Plate Heat Exchanger Consumption (2021-2032) & (K Units)

Figure 23. Producer Shipments of Cross-flow Plate Heat Exchanger by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for Cross-flow Plate Heat Exchanger Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for Cross-flow Plate Heat Exchanger Markets in 2025

Figure 26. United States VS China: Cross-flow Plate Heat Exchanger Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: Cross-flow Plate Heat Exchanger Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Cross-flow Plate Heat Exchanger Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers Cross-flow Plate Heat Exchanger Production Market Share 2025

Figure 30. China Based Manufacturers Cross-flow Plate Heat Exchanger Production Market Share 2025

Figure 31. Rest of World Based Manufacturers Cross-flow Plate Heat Exchanger Production Market Share 2025

Figure 32. World Cross-flow Plate Heat Exchanger Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World Cross-flow Plate Heat Exchanger Production Value Market Share by Type in 2025

Figure 34. Detachable

Figure 35. Brazed Type

Figure 36. World Cross-flow Plate Heat Exchanger Production Market Share by Type (2021-2032)

Figure 37. World Cross-flow Plate Heat Exchanger Production Value Market Share by Type (2021-2032)

Figure 38. World Cross-flow Plate Heat Exchanger Average Price by Type (2021-2032) & (US\$/Unit)

Figure 39. World Cross-flow Plate Heat Exchanger Production Value by Plate Material, (USD Million), 2021 & 2025 & 2032

Figure 40. World Cross-flow Plate Heat Exchanger Production Value Market Share by Plate Material in 2025

Figure 41. Stainless Steel

Figure 42. Titanium

Figure 43. World Cross-flow Plate Heat Exchanger Production Market Share by Plate Material (2021-2032)

Figure 44. World Cross-flow Plate Heat Exchanger Production Value Market Share by Plate Material (2021-2032)

Figure 45. World Cross-flow Plate Heat Exchanger Average Price by Plate Material (2021-2032) & (US\$/Unit)

Figure 46. World Cross-flow Plate Heat Exchanger Production Value by Heat Exchange Efficiency, (USD Million), 2021 & 2025 & 2032

Figure 47. World Cross-flow Plate Heat Exchanger Production Value Market Share by Heat Exchange Efficiency in 2025

Figure 48. 40%~65%

Figure 49. >65%

Figure 50. World Cross-flow Plate Heat Exchanger Production Market Share by Heat Exchange Efficiency (2021-2032)

Figure 51. World Cross-flow Plate Heat Exchanger Production Value Market Share by Heat Exchange Efficiency (2021-2032)

Figure 52. World Cross-flow Plate Heat Exchanger Average Price by Heat Exchange Efficiency (2021-2032) & (US\$/Unit)

Figure 53. World Cross-flow Plate Heat Exchanger Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 54. World Cross-flow Plate Heat Exchanger Production Value Market Share by Application in 2025

Figure 55. Residential

Figure 56. Commercial Buildings

Figure 57. Hospitals

Figure 58. Schools

Figure 59. Other

Figure 60. World Cross-flow Plate Heat Exchanger Production Market Share by Application (2021-2032)

Figure 61. World Cross-flow Plate Heat Exchanger Production Value Market Share by Application (2021-2032)

Figure 62. World Cross-flow Plate Heat Exchanger Average Price by Application (2021-2032) & (US\$/Unit)

Figure 63. Cross-flow Plate Heat Exchanger Industry Chain

Figure 64. Cross-flow Plate Heat Exchanger Procurement Model

Figure 65. Cross-flow Plate Heat Exchanger Sales Model

Figure 66. Cross-flow Plate Heat Exchanger Sales Channels, Direct Sales, and Distribution

Figure 67. Methodology

Figure 68. Research Process and Data Source

I would like to order

Product name: Global Cross-flow Plate Heat Exchanger Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/GC0CA44401E6EN.html>

Price: US\$ 4,480.00 (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/GC0CA44401E6EN.html>