

# Global Food Grade Plate and Frame Heat Exchangers Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/G3CBC63F3A93EN.html>

Date: December 2023

Pages: 139

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

ID: G3CBC63F3A93EN

## Abstracts

The global Food Grade Plate and Frame Heat Exchangers market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

The industry trend for Food Grade Plate and Frame Heat Exchangers is witnessing consistent growth and demand. As the food and beverage industry places a strong emphasis on product quality, safety, and efficiency, there is an increasing need for heat exchangers that meet strict sanitary standards. Food grade plate and frame heat exchangers offer several advantages such as versatility, energy efficiency, and ease of maintenance. These heat exchangers are designed to handle a wide range of food products while ensuring hygienic processing and preventing cross-contamination. The industry trend is driven by the continuous growth in the food and beverage sector, increasing food safety regulations, and the need for effective heat transfer solutions that optimize product quality and production processes.

Food Grade Plate and Frame Heat Exchangers are specialized heat transfer devices used in the food and beverage industry for efficient and sanitary heating or cooling of food products. They consist of a series of metal plates arranged in a frame, with alternating channels for the hot and cold fluids to pass through. As the fluids flow in separate channels, heat is exchanged through the plates, allowing for precise temperature control. These heat exchangers are constructed from food-grade materials, ensuring compliance with regulatory standards and maintaining product quality and safety. They are commonly used in processes like pasteurization, sterilization, and cooling in the food and beverage production industry.

This report studies the global Food Grade Plate and Frame Heat Exchangers

production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Food Grade Plate and Frame Heat Exchangers, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Food Grade Plate and Frame Heat Exchangers that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Food Grade Plate and Frame Heat Exchangers total production and demand, 2018-2029, (K Units)

Global Food Grade Plate and Frame Heat Exchangers total production value, 2018-2029, (USD Million)

Global Food Grade Plate and Frame Heat Exchangers production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Food Grade Plate and Frame Heat Exchangers consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Food Grade Plate and Frame Heat Exchangers domestic production, consumption, key domestic manufacturers and share

Global Food Grade Plate and Frame Heat Exchangers production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Food Grade Plate and Frame Heat Exchangers production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Food Grade Plate and Frame Heat Exchangers production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units).

This reports profiles key players in the global Food Grade Plate and Frame Heat Exchangers 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 Alfa Laval,

Kelvion, Danfoss, SWEP, Spx Flow, Hisaka Works, Xylem, API Heat Transfer and FUNKE, 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 Food Grade Plate and Frame Heat Exchangers 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 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Food Grade Plate and Frame Heat Exchangers Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Food Grade Plate and Frame Heat Exchangers Market, Segmentation by Type

Gasketed Heat Exchangers

Brazed Heat Exchangers

Welded Heat Exchangers

## Global Food Grade Plate and Frame Heat Exchangers Market, Segmentation by Application

Beverage

Food

Others

## Companies Profiled:

Alfa Laval

Kelvion

Danfoss

SWEP

Spx Flow

Hisaka Works

Xylem

API Heat Transfer

FUNKE

G?ntner Group

Cipriani Heat Exchangers

HRS Heat Exchangers

Siping ViEX

Kaori Heat Treatment

LS Heat Exchange

Ningbo Hrale

### Key Questions Answered

1. How big is the global Food Grade Plate and Frame Heat Exchangers market?
2. What is the demand of the global Food Grade Plate and Frame Heat Exchangers market?
3. What is the year over year growth of the global Food Grade Plate and Frame Heat Exchangers market?
4. What is the production and production value of the global Food Grade Plate and Frame Heat Exchangers market?
5. Who are the key producers in the global Food Grade Plate and Frame Heat Exchangers market?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Food Grade Plate and Frame Heat Exchangers Introduction
- 1.2 World Food Grade Plate and Frame Heat Exchangers Supply & Forecast
  - 1.2.1 World Food Grade Plate and Frame Heat Exchangers Production Value (2018 & 2022 & 2029)
  - 1.2.2 World Food Grade Plate and Frame Heat Exchangers Production (2018-2029)
  - 1.2.3 World Food Grade Plate and Frame Heat Exchangers Pricing Trends (2018-2029)
- 1.3 World Food Grade Plate and Frame Heat Exchangers Production by Region (Based on Production Site)
  - 1.3.1 World Food Grade Plate and Frame Heat Exchangers Production Value by Region (2018-2029)
  - 1.3.2 World Food Grade Plate and Frame Heat Exchangers Production by Region (2018-2029)
  - 1.3.3 World Food Grade Plate and Frame Heat Exchangers Average Price by Region (2018-2029)
  - 1.3.4 North America Food Grade Plate and Frame Heat Exchangers Production (2018-2029)
  - 1.3.5 Europe Food Grade Plate and Frame Heat Exchangers Production (2018-2029)
  - 1.3.6 China Food Grade Plate and Frame Heat Exchangers Production (2018-2029)
  - 1.3.7 Japan Food Grade Plate and Frame Heat Exchangers Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Food Grade Plate and Frame Heat Exchangers Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Food Grade Plate and Frame Heat Exchangers Major Market Trends

### 2 DEMAND SUMMARY

- 2.1 World Food Grade Plate and Frame Heat Exchangers Demand (2018-2029)
- 2.2 World Food Grade Plate and Frame Heat Exchangers Consumption by Region
  - 2.2.1 World Food Grade Plate and Frame Heat Exchangers Consumption by Region (2018-2023)
  - 2.2.2 World Food Grade Plate and Frame Heat Exchangers Consumption Forecast by Region (2024-2029)
- 2.3 United States Food Grade Plate and Frame Heat Exchangers Consumption (2018-2029)

- 2.4 China Food Grade Plate and Frame Heat Exchangers Consumption (2018-2029)
- 2.5 Europe Food Grade Plate and Frame Heat Exchangers Consumption (2018-2029)
- 2.6 Japan Food Grade Plate and Frame Heat Exchangers Consumption (2018-2029)
- 2.7 South Korea Food Grade Plate and Frame Heat Exchangers Consumption (2018-2029)
- 2.8 ASEAN Food Grade Plate and Frame Heat Exchangers Consumption (2018-2029)
- 2.9 India Food Grade Plate and Frame Heat Exchangers Consumption (2018-2029)

### **3 WORLD FOOD GRADE PLATE AND FRAME HEAT EXCHANGERS MANUFACTURERS COMPETITIVE ANALYSIS**

- 3.1 World Food Grade Plate and Frame Heat Exchangers Production Value by Manufacturer (2018-2023)
- 3.2 World Food Grade Plate and Frame Heat Exchangers Production by Manufacturer (2018-2023)
- 3.3 World Food Grade Plate and Frame Heat Exchangers Average Price by Manufacturer (2018-2023)
- 3.4 Food Grade Plate and Frame Heat Exchangers Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
  - 3.5.1 Global Food Grade Plate and Frame Heat Exchangers Industry Rank of Major Manufacturers
  - 3.5.2 Global Concentration Ratios (CR4) for Food Grade Plate and Frame Heat Exchangers in 2022
  - 3.5.3 Global Concentration Ratios (CR8) for Food Grade Plate and Frame Heat Exchangers in 2022
- 3.6 Food Grade Plate and Frame Heat Exchangers Market: Overall Company Footprint Analysis
  - 3.6.1 Food Grade Plate and Frame Heat Exchangers Market: Region Footprint
  - 3.6.2 Food Grade Plate and Frame Heat Exchangers Market: Company Product Type Footprint
  - 3.6.3 Food Grade Plate and Frame Heat Exchangers 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: Food Grade Plate and Frame Heat Exchangers Production Value Comparison

4.1.1 United States VS China: Food Grade Plate and Frame Heat Exchangers Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: Food Grade Plate and Frame Heat Exchangers Production Value Market Share Comparison (2018 & 2022 & 2029)

### 4.2 United States VS China: Food Grade Plate and Frame Heat Exchangers Production Comparison

4.2.1 United States VS China: Food Grade Plate and Frame Heat Exchangers Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: Food Grade Plate and Frame Heat Exchangers Production Market Share Comparison (2018 & 2022 & 2029)

### 4.3 United States VS China: Food Grade Plate and Frame Heat Exchangers Consumption Comparison

4.3.1 United States VS China: Food Grade Plate and Frame Heat Exchangers Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: Food Grade Plate and Frame Heat Exchangers Consumption Market Share Comparison (2018 & 2022 & 2029)

### 4.4 United States Based Food Grade Plate and Frame Heat Exchangers Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Food Grade Plate and Frame Heat Exchangers Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Food Grade Plate and Frame Heat Exchangers Production Value (2018-2023)

4.4.3 United States Based Manufacturers Food Grade Plate and Frame Heat Exchangers Production (2018-2023)

### 4.5 China Based Food Grade Plate and Frame Heat Exchangers Manufacturers and Market Share

4.5.1 China Based Food Grade Plate and Frame Heat Exchangers Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Food Grade Plate and Frame Heat Exchangers Production Value (2018-2023)

4.5.3 China Based Manufacturers Food Grade Plate and Frame Heat Exchangers Production (2018-2023)

### 4.6 Rest of World Based Food Grade Plate and Frame Heat Exchangers Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Food Grade Plate and Frame Heat Exchangers



Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Food Grade Plate and Frame Heat Exchangers Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Food Grade Plate and Frame Heat Exchangers Production (2018-2023)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World Food Grade Plate and Frame Heat Exchangers Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Gasketed Heat Exchangers

5.2.2 Brazed Heat Exchangers

5.2.3 Welded Heat Exchangers

5.3 Market Segment by Type

5.3.1 World Food Grade Plate and Frame Heat Exchangers Production by Type (2018-2029)

5.3.2 World Food Grade Plate and Frame Heat Exchangers Production Value by Type (2018-2029)

5.3.3 World Food Grade Plate and Frame Heat Exchangers Average Price by Type (2018-2029)

## **6 MARKET ANALYSIS BY APPLICATION**

6.1 World Food Grade Plate and Frame Heat Exchangers Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Beverage

6.2.2 Food

6.2.3 Others

6.3 Market Segment by Application

6.3.1 World Food Grade Plate and Frame Heat Exchangers Production by Application (2018-2029)

6.3.2 World Food Grade Plate and Frame Heat Exchangers Production Value by Application (2018-2029)

6.3.3 World Food Grade Plate and Frame Heat Exchangers Average Price by Application (2018-2029)

## **7 COMPANY PROFILES**

## 7.1 Alfa Laval

7.1.1 Alfa Laval Details

7.1.2 Alfa Laval Major Business

7.1.3 Alfa Laval Food Grade Plate and Frame Heat Exchangers Product and Services

7.1.4 Alfa Laval Food Grade Plate and Frame Heat Exchangers Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 Alfa Laval Recent Developments/Updates

7.1.6 Alfa Laval Competitive Strengths & Weaknesses

## 7.2 Kelvion

7.2.1 Kelvion Details

7.2.2 Kelvion Major Business

7.2.3 Kelvion Food Grade Plate and Frame Heat Exchangers Product and Services

7.2.4 Kelvion Food Grade Plate and Frame Heat Exchangers Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 Kelvion Recent Developments/Updates

7.2.6 Kelvion Competitive Strengths & Weaknesses

## 7.3 Danfoss

7.3.1 Danfoss Details

7.3.2 Danfoss Major Business

7.3.3 Danfoss Food Grade Plate and Frame Heat Exchangers Product and Services

7.3.4 Danfoss Food Grade Plate and Frame Heat Exchangers Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 Danfoss Recent Developments/Updates

7.3.6 Danfoss Competitive Strengths & Weaknesses

## 7.4 SWEP

7.4.1 SWEP Details

7.4.2 SWEP Major Business

7.4.3 SWEP Food Grade Plate and Frame Heat Exchangers Product and Services

7.4.4 SWEP Food Grade Plate and Frame Heat Exchangers Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.4.5 SWEP Recent Developments/Updates

7.4.6 SWEP Competitive Strengths & Weaknesses

## 7.5 Spx Flow

7.5.1 Spx Flow Details

7.5.2 Spx Flow Major Business

7.5.3 Spx Flow Food Grade Plate and Frame Heat Exchangers Product and Services

7.5.4 Spx Flow Food Grade Plate and Frame Heat Exchangers Production, Price, Value, Gross Margin and Market Share (2018-2023)

- 7.5.5 Spx Flow Recent Developments/Updates
- 7.5.6 Spx Flow Competitive Strengths & Weaknesses
- 7.6 Hisaka Works
  - 7.6.1 Hisaka Works Details
  - 7.6.2 Hisaka Works Major Business
  - 7.6.3 Hisaka Works Food Grade Plate and Frame Heat Exchangers Product and Services
  - 7.6.4 Hisaka Works Food Grade Plate and Frame Heat Exchangers Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.6.5 Hisaka Works Recent Developments/Updates
  - 7.6.6 Hisaka Works Competitive Strengths & Weaknesses
- 7.7 Xylem
  - 7.7.1 Xylem Details
  - 7.7.2 Xylem Major Business
  - 7.7.3 Xylem Food Grade Plate and Frame Heat Exchangers Product and Services
  - 7.7.4 Xylem Food Grade Plate and Frame Heat Exchangers Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.7.5 Xylem Recent Developments/Updates
  - 7.7.6 Xylem Competitive Strengths & Weaknesses
- 7.8 API Heat Transfer
  - 7.8.1 API Heat Transfer Details
  - 7.8.2 API Heat Transfer Major Business
  - 7.8.3 API Heat Transfer Food Grade Plate and Frame Heat Exchangers Product and Services
  - 7.8.4 API Heat Transfer Food Grade Plate and Frame Heat Exchangers Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.8.5 API Heat Transfer Recent Developments/Updates
  - 7.8.6 API Heat Transfer Competitive Strengths & Weaknesses
- 7.9 FUNKE
  - 7.9.1 FUNKE Details
  - 7.9.2 FUNKE Major Business
  - 7.9.3 FUNKE Food Grade Plate and Frame Heat Exchangers Product and Services
  - 7.9.4 FUNKE Food Grade Plate and Frame Heat Exchangers Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.9.5 FUNKE Recent Developments/Updates
  - 7.9.6 FUNKE Competitive Strengths & Weaknesses
- 7.10 G?ntner Group
  - 7.10.1 G?ntner Group Details
  - 7.10.2 G?ntner Group Major Business

7.10.3 G?ntner Group Food Grade Plate and Frame Heat Exchangers Product and Services

7.10.4 G?ntner Group Food Grade Plate and Frame Heat Exchangers Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.10.5 G?ntner Group Recent Developments/Updates

7.10.6 G?ntner Group Competitive Strengths & Weaknesses

7.11 Cipriani Heat Exchangers

7.11.1 Cipriani Heat Exchangers Details

7.11.2 Cipriani Heat Exchangers Major Business

7.11.3 Cipriani Heat Exchangers Food Grade Plate and Frame Heat Exchangers Product and Services

7.11.4 Cipriani Heat Exchangers Food Grade Plate and Frame Heat Exchangers Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.11.5 Cipriani Heat Exchangers Recent Developments/Updates

7.11.6 Cipriani Heat Exchangers Competitive Strengths & Weaknesses

7.12 HRS Heat Exchangers

7.12.1 HRS Heat Exchangers Details

7.12.2 HRS Heat Exchangers Major Business

7.12.3 HRS Heat Exchangers Food Grade Plate and Frame Heat Exchangers Product and Services

7.12.4 HRS Heat Exchangers Food Grade Plate and Frame Heat Exchangers Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.12.5 HRS Heat Exchangers Recent Developments/Updates

7.12.6 HRS Heat Exchangers Competitive Strengths & Weaknesses

7.13 Siping ViEX

7.13.1 Siping ViEX Details

7.13.2 Siping ViEX Major Business

7.13.3 Siping ViEX Food Grade Plate and Frame Heat Exchangers Product and Services

7.13.4 Siping ViEX Food Grade Plate and Frame Heat Exchangers Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.13.5 Siping ViEX Recent Developments/Updates

7.13.6 Siping ViEX Competitive Strengths & Weaknesses

7.14 Kaori Heat Treatment

7.14.1 Kaori Heat Treatment Details

7.14.2 Kaori Heat Treatment Major Business

7.14.3 Kaori Heat Treatment Food Grade Plate and Frame Heat Exchangers Product and Services

7.14.4 Kaori Heat Treatment Food Grade Plate and Frame Heat Exchangers

## Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.14.5 Kaori Heat Treatment Recent Developments/Updates

7.14.6 Kaori Heat Treatment Competitive Strengths & Weaknesses

## 7.15 LS Heat Exchange

7.15.1 LS Heat Exchange Details

7.15.2 LS Heat Exchange Major Business

## 7.15.3 LS Heat Exchange Food Grade Plate and Frame Heat Exchangers Product and Services

## 7.15.4 LS Heat Exchange Food Grade Plate and Frame Heat Exchangers Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.15.5 LS Heat Exchange Recent Developments/Updates

7.15.6 LS Heat Exchange Competitive Strengths & Weaknesses

## 7.16 Ningbo Hrale

7.16.1 Ningbo Hrale Details

7.16.2 Ningbo Hrale Major Business

## 7.16.3 Ningbo Hrale Food Grade Plate and Frame Heat Exchangers Product and Services

## 7.16.4 Ningbo Hrale Food Grade Plate and Frame Heat Exchangers Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.16.5 Ningbo Hrale Recent Developments/Updates

7.16.6 Ningbo Hrale Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

### 8.1 Food Grade Plate and Frame Heat Exchangers Industry Chain

### 8.2 Food Grade Plate and Frame Heat Exchangers Upstream Analysis

8.2.1 Food Grade Plate and Frame Heat Exchangers Core Raw Materials

### 8.2.2 Main Manufacturers of Food Grade Plate and Frame Heat Exchangers Core Raw Materials

### 8.3 Midstream Analysis

### 8.4 Downstream Analysis

### 8.5 Food Grade Plate and Frame Heat Exchangers Production Mode

### 8.6 Food Grade Plate and Frame Heat Exchangers Procurement Model

### 8.7 Food Grade Plate and Frame Heat Exchangers Industry Sales Model and Sales Channels

8.7.1 Food Grade Plate and Frame Heat Exchangers Sales Model

8.7.2 Food Grade Plate and Frame Heat Exchangers Typical Customers

## **9 RESEARCH FINDINGS AND CONCLUSION**

## **10 APPENDIX**

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World Food Grade Plate and Frame Heat Exchangers Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Food Grade Plate and Frame Heat Exchangers Production Value by Region (2018-2023) & (USD Million)

Table 3. World Food Grade Plate and Frame Heat Exchangers Production Value by Region (2024-2029) & (USD Million)

Table 4. World Food Grade Plate and Frame Heat Exchangers Production Value Market Share by Region (2018-2023)

Table 5. World Food Grade Plate and Frame Heat Exchangers Production Value Market Share by Region (2024-2029)

Table 6. World Food Grade Plate and Frame Heat Exchangers Production by Region (2018-2023) & (K Units)

Table 7. World Food Grade Plate and Frame Heat Exchangers Production by Region (2024-2029) & (K Units)

Table 8. World Food Grade Plate and Frame Heat Exchangers Production Market Share by Region (2018-2023)

Table 9. World Food Grade Plate and Frame Heat Exchangers Production Market Share by Region (2024-2029)

Table 10. World Food Grade Plate and Frame Heat Exchangers Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World Food Grade Plate and Frame Heat Exchangers Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. Food Grade Plate and Frame Heat Exchangers Major Market Trends

Table 13. World Food Grade Plate and Frame Heat Exchangers Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)

Table 14. World Food Grade Plate and Frame Heat Exchangers Consumption by Region (2018-2023) & (K Units)

Table 15. World Food Grade Plate and Frame Heat Exchangers Consumption Forecast by Region (2024-2029) & (K Units)

Table 16. World Food Grade Plate and Frame Heat Exchangers Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Food Grade Plate and Frame Heat Exchangers Producers in 2022

Table 18. World Food Grade Plate and Frame Heat Exchangers Production by Manufacturer (2018-2023) & (K Units)



Table 19. Production Market Share of Key Food Grade Plate and Frame Heat Exchangers Producers in 2022

Table 20. World Food Grade Plate and Frame Heat Exchangers Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global Food Grade Plate and Frame Heat Exchangers Company Evaluation Quadrant

Table 22. World Food Grade Plate and Frame Heat Exchangers Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Food Grade Plate and Frame Heat Exchangers Production Site of Key Manufacturer

Table 24. Food Grade Plate and Frame Heat Exchangers Market: Company Product Type Footprint

Table 25. Food Grade Plate and Frame Heat Exchangers Market: Company Product Application Footprint

Table 26. Food Grade Plate and Frame Heat Exchangers Competitive Factors

Table 27. Food Grade Plate and Frame Heat Exchangers New Entrant and Capacity Expansion Plans

Table 28. Food Grade Plate and Frame Heat Exchangers Mergers & Acquisitions Activity

Table 29. United States VS China Food Grade Plate and Frame Heat Exchangers Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Food Grade Plate and Frame Heat Exchangers Production Comparison, (2018 & 2022 & 2029) & (K Units)

Table 31. United States VS China Food Grade Plate and Frame Heat Exchangers Consumption Comparison, (2018 & 2022 & 2029) & (K Units)

Table 32. United States Based Food Grade Plate and Frame Heat Exchangers Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Food Grade Plate and Frame Heat Exchangers Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Food Grade Plate and Frame Heat Exchangers Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Food Grade Plate and Frame Heat Exchangers Production (2018-2023) & (K Units)

Table 36. United States Based Manufacturers Food Grade Plate and Frame Heat Exchangers Production Market Share (2018-2023)

Table 37. China Based Food Grade Plate and Frame Heat Exchangers Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Food Grade Plate and Frame Heat Exchangers Production Value, (2018-2023) & (USD Million)



Table 39. China Based Manufacturers Food Grade Plate and Frame Heat Exchangers Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Food Grade Plate and Frame Heat Exchangers Production (2018-2023) & (K Units)

Table 41. China Based Manufacturers Food Grade Plate and Frame Heat Exchangers Production Market Share (2018-2023)

Table 42. Rest of World Based Food Grade Plate and Frame Heat Exchangers Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Food Grade Plate and Frame Heat Exchangers Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Food Grade Plate and Frame Heat Exchangers Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Food Grade Plate and Frame Heat Exchangers Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers Food Grade Plate and Frame Heat Exchangers Production Market Share (2018-2023)

Table 47. World Food Grade Plate and Frame Heat Exchangers Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Food Grade Plate and Frame Heat Exchangers Production by Type (2018-2023) & (K Units)

Table 49. World Food Grade Plate and Frame Heat Exchangers Production by Type (2024-2029) & (K Units)

Table 50. World Food Grade Plate and Frame Heat Exchangers Production Value by Type (2018-2023) & (USD Million)

Table 51. World Food Grade Plate and Frame Heat Exchangers Production Value by Type (2024-2029) & (USD Million)

Table 52. World Food Grade Plate and Frame Heat Exchangers Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World Food Grade Plate and Frame Heat Exchangers Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World Food Grade Plate and Frame Heat Exchangers Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Food Grade Plate and Frame Heat Exchangers Production by Application (2018-2023) & (K Units)

Table 56. World Food Grade Plate and Frame Heat Exchangers Production by Application (2024-2029) & (K Units)

Table 57. World Food Grade Plate and Frame Heat Exchangers Production Value by Application (2018-2023) & (USD Million)

Table 58. World Food Grade Plate and Frame Heat Exchangers Production Value by

Application (2024-2029) & (USD Million)

Table 59. World Food Grade Plate and Frame Heat Exchangers Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World Food Grade Plate and Frame Heat Exchangers Average Price by Application (2024-2029) & (US\$/Unit)

Table 61. Alfa Laval Basic Information, Manufacturing Base and Competitors

Table 62. Alfa Laval Major Business

Table 63. Alfa Laval Food Grade Plate and Frame Heat Exchangers Product and Services

Table 64. Alfa Laval Food Grade Plate and Frame Heat Exchangers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Alfa Laval Recent Developments/Updates

Table 66. Alfa Laval Competitive Strengths & Weaknesses

Table 67. Kelvion Basic Information, Manufacturing Base and Competitors

Table 68. Kelvion Major Business

Table 69. Kelvion Food Grade Plate and Frame Heat Exchangers Product and Services

Table 70. Kelvion Food Grade Plate and Frame Heat Exchangers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Kelvion Recent Developments/Updates

Table 72. Kelvion Competitive Strengths & Weaknesses

Table 73. Danfoss Basic Information, Manufacturing Base and Competitors

Table 74. Danfoss Major Business

Table 75. Danfoss Food Grade Plate and Frame Heat Exchangers Product and Services

Table 76. Danfoss Food Grade Plate and Frame Heat Exchangers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Danfoss Recent Developments/Updates

Table 78. Danfoss Competitive Strengths & Weaknesses

Table 79. SWEP Basic Information, Manufacturing Base and Competitors

Table 80. SWEP Major Business

Table 81. SWEP Food Grade Plate and Frame Heat Exchangers Product and Services

Table 82. SWEP Food Grade Plate and Frame Heat Exchangers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. SWEP Recent Developments/Updates

Table 84. SWEP Competitive Strengths & Weaknesses

- Table 85. Spx Flow Basic Information, Manufacturing Base and Competitors
- Table 86. Spx Flow Major Business
- Table 87. Spx Flow Food Grade Plate and Frame Heat Exchangers Product and Services
- Table 88. Spx Flow Food Grade Plate and Frame Heat Exchangers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 89. Spx Flow Recent Developments/Updates
- Table 90. Spx Flow Competitive Strengths & Weaknesses
- Table 91. Hisaka Works Basic Information, Manufacturing Base and Competitors
- Table 92. Hisaka Works Major Business
- Table 93. Hisaka Works Food Grade Plate and Frame Heat Exchangers Product and Services
- Table 94. Hisaka Works Food Grade Plate and Frame Heat Exchangers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 95. Hisaka Works Recent Developments/Updates
- Table 96. Hisaka Works Competitive Strengths & Weaknesses
- Table 97. Xylem Basic Information, Manufacturing Base and Competitors
- Table 98. Xylem Major Business
- Table 99. Xylem Food Grade Plate and Frame Heat Exchangers Product and Services
- Table 100. Xylem Food Grade Plate and Frame Heat Exchangers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 101. Xylem Recent Developments/Updates
- Table 102. Xylem Competitive Strengths & Weaknesses
- Table 103. API Heat Transfer Basic Information, Manufacturing Base and Competitors
- Table 104. API Heat Transfer Major Business
- Table 105. API Heat Transfer Food Grade Plate and Frame Heat Exchangers Product and Services
- Table 106. API Heat Transfer Food Grade Plate and Frame Heat Exchangers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 107. API Heat Transfer Recent Developments/Updates
- Table 108. API Heat Transfer Competitive Strengths & Weaknesses
- Table 109. FUNKE Basic Information, Manufacturing Base and Competitors
- Table 110. FUNKE Major Business
- Table 111. FUNKE Food Grade Plate and Frame Heat Exchangers Product and Services

Table 112. FUNKE Food Grade Plate and Frame Heat Exchangers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. FUNKE Recent Developments/Updates

Table 114. FUNKE Competitive Strengths & Weaknesses

Table 115. G?ntner Group Basic Information, Manufacturing Base and Competitors

Table 116. G?ntner Group Major Business

Table 117. G?ntner Group Food Grade Plate and Frame Heat Exchangers Product and Services

Table 118. G?ntner Group Food Grade Plate and Frame Heat Exchangers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 119. G?ntner Group Recent Developments/Updates

Table 120. G?ntner Group Competitive Strengths & Weaknesses

Table 121. Cipriani Heat Exchangers Basic Information, Manufacturing Base and Competitors

Table 122. Cipriani Heat Exchangers Major Business

Table 123. Cipriani Heat Exchangers Food Grade Plate and Frame Heat Exchangers Product and Services

Table 124. Cipriani Heat Exchangers Food Grade Plate and Frame Heat Exchangers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 125. Cipriani Heat Exchangers Recent Developments/Updates

Table 126. Cipriani Heat Exchangers Competitive Strengths & Weaknesses

Table 127. HRS Heat Exchangers Basic Information, Manufacturing Base and Competitors

Table 128. HRS Heat Exchangers Major Business

Table 129. HRS Heat Exchangers Food Grade Plate and Frame Heat Exchangers Product and Services

Table 130. HRS Heat Exchangers Food Grade Plate and Frame Heat Exchangers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 131. HRS Heat Exchangers Recent Developments/Updates

Table 132. HRS Heat Exchangers Competitive Strengths & Weaknesses

Table 133. Siping ViEX Basic Information, Manufacturing Base and Competitors

Table 134. Siping ViEX Major Business

Table 135. Siping ViEX Food Grade Plate and Frame Heat Exchangers Product and Services

Table 136. Siping ViEX Food Grade Plate and Frame Heat Exchangers Production (K

Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 137. Siping ViEX Recent Developments/Updates

Table 138. Siping ViEX Competitive Strengths & Weaknesses

Table 139. Kaori Heat Treatment Basic Information, Manufacturing Base and Competitors

Table 140. Kaori Heat Treatment Major Business

Table 141. Kaori Heat Treatment Food Grade Plate and Frame Heat Exchangers Product and Services

Table 142. Kaori Heat Treatment Food Grade Plate and Frame Heat Exchangers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 143. Kaori Heat Treatment Recent Developments/Updates

Table 144. Kaori Heat Treatment Competitive Strengths & Weaknesses

Table 145. LS Heat Exchange Basic Information, Manufacturing Base and Competitors

Table 146. LS Heat Exchange Major Business

Table 147. LS Heat Exchange Food Grade Plate and Frame Heat Exchangers Product and Services

Table 148. LS Heat Exchange Food Grade Plate and Frame Heat Exchangers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 149. LS Heat Exchange Recent Developments/Updates

Table 150. Ningbo Hrale Basic Information, Manufacturing Base and Competitors

Table 151. Ningbo Hrale Major Business

Table 152. Ningbo Hrale Food Grade Plate and Frame Heat Exchangers Product and Services

Table 153. Ningbo Hrale Food Grade Plate and Frame Heat Exchangers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 154. Global Key Players of Food Grade Plate and Frame Heat Exchangers Upstream (Raw Materials)

Table 155. Food Grade Plate and Frame Heat Exchangers Typical Customers

Table 156. Food Grade Plate and Frame Heat Exchangers Typical Distributors

## **LIST OF FIGURE**

Figure 1. Food Grade Plate and Frame Heat Exchangers Picture

Figure 2. World Food Grade Plate and Frame Heat Exchangers Production Value: 2018 & 2022 & 2029, (USD Million)



Figure 3. World Food Grade Plate and Frame Heat Exchangers Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Food Grade Plate and Frame Heat Exchangers Production (2018-2029) & (K Units)

Figure 5. World Food Grade Plate and Frame Heat Exchangers Average Price (2018-2029) & (US\$/Unit)

Figure 6. World Food Grade Plate and Frame Heat Exchangers Production Value Market Share by Region (2018-2029)

Figure 7. World Food Grade Plate and Frame Heat Exchangers Production Market Share by Region (2018-2029)

Figure 8. North America Food Grade Plate and Frame Heat Exchangers Production (2018-2029) & (K Units)

Figure 9. Europe Food Grade Plate and Frame Heat Exchangers Production (2018-2029) & (K Units)

Figure 10. China Food Grade Plate and Frame Heat Exchangers Production (2018-2029) & (K Units)

Figure 11. Japan Food Grade Plate and Frame Heat Exchangers Production (2018-2029) & (K Units)

Figure 12. Food Grade Plate and Frame Heat Exchangers Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Food Grade Plate and Frame Heat Exchangers Consumption (2018-2029) & (K Units)

Figure 15. World Food Grade Plate and Frame Heat Exchangers Consumption Market Share by Region (2018-2029)

Figure 16. United States Food Grade Plate and Frame Heat Exchangers Consumption (2018-2029) & (K Units)

Figure 17. China Food Grade Plate and Frame Heat Exchangers Consumption (2018-2029) & (K Units)

Figure 18. Europe Food Grade Plate and Frame Heat Exchangers Consumption (2018-2029) & (K Units)

Figure 19. Japan Food Grade Plate and Frame Heat Exchangers Consumption (2018-2029) & (K Units)

Figure 20. South Korea Food Grade Plate and Frame Heat Exchangers Consumption (2018-2029) & (K Units)

Figure 21. ASEAN Food Grade Plate and Frame Heat Exchangers Consumption (2018-2029) & (K Units)

Figure 22. India Food Grade Plate and Frame Heat Exchangers Consumption (2018-2029) & (K Units)

Figure 23. Producer Shipments of Food Grade Plate and Frame Heat Exchangers by

Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 24. Global Four-firm Concentration Ratios (CR4) for Food Grade Plate and Frame Heat Exchangers Markets in 2022

Figure 25. Global Four-firm Concentration Ratios (CR8) for Food Grade Plate and Frame Heat Exchangers Markets in 2022

Figure 26. United States VS China: Food Grade Plate and Frame Heat Exchangers Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 27. United States VS China: Food Grade Plate and Frame Heat Exchangers Production Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Food Grade Plate and Frame Heat Exchangers Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States Based Manufacturers Food Grade Plate and Frame Heat Exchangers Production Market Share 2022

Figure 30. China Based Manufacturers Food Grade Plate and Frame Heat Exchangers Production Market Share 2022

Figure 31. Rest of World Based Manufacturers Food Grade Plate and Frame Heat Exchangers Production Market Share 2022

Figure 32. World Food Grade Plate and Frame Heat Exchangers Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 33. World Food Grade Plate and Frame Heat Exchangers Production Value Market Share by Type in 2022

Figure 34. Gasketed Heat Exchangers

Figure 35. Brazed Heat Exchangers

Figure 36. Welded Heat Exchangers

Figure 37. World Food Grade Plate and Frame Heat Exchangers Production Market Share by Type (2018-2029)

Figure 38. World Food Grade Plate and Frame Heat Exchangers Production Value Market Share by Type (2018-2029)

Figure 39. World Food Grade Plate and Frame Heat Exchangers Average Price by Type (2018-2029) & (US\$/Unit)

Figure 40. World Food Grade Plate and Frame Heat Exchangers Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 41. World Food Grade Plate and Frame Heat Exchangers Production Value Market Share by Application in 2022

Figure 42. Beverage

Figure 43. Food

Figure 44. Others

Figure 45. World Food Grade Plate and Frame Heat Exchangers Production Market Share by Application (2018-2029)

Figure 46. World Food Grade Plate and Frame Heat Exchangers Production Value Market Share by Application (2018-2029)

Figure 47. World Food Grade Plate and Frame Heat Exchangers Average Price by Application (2018-2029) & (US\$/Unit)

Figure 48. Food Grade Plate and Frame Heat Exchangers Industry Chain

Figure 49. Food Grade Plate and Frame Heat Exchangers Procurement Model

Figure 50. Food Grade Plate and Frame Heat Exchangers Sales Model

Figure 51. Food Grade Plate and Frame Heat Exchangers Sales Channels, Direct Sales, and Distribution

Figure 52. Methodology

Figure 53. Research Process and Data Source



## I would like to order

Product name: Global Food Grade Plate and Frame Heat Exchangers Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/G3CBC63F3A93EN.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](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G3CBC63F3A93EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

