

Europe Plate Heat Exchanger Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2024 - 2032

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Abstracts

Europe Plate Heat Exchanger Market was valued at USD 1.7 billion in 2023 and is projected to expand at a CAGR of 7.8% from 2024 to 2032. In alignment with global sustainability goals, both European and international authorities are rolling out regulatory measures to enhance energy efficiency, combat climate change, and curtail carbon emissions. For example, in June 2024, the World Bank launched its decade-long initiative, the "Scaling Up Energy Efficiency in Europe and Central Asia Program. " This program aims to ensure clean, secure, and cost-effective energy delivery across regional nations. With an investment of around USD 3.86 billion over its lifetime, the E3 program is set to conserve over 63 terawatt hours (TWh) of energy and cut down the carbon footprint by 18.7 million metric tons.

Driven by a pressing need for enhanced sustainability, energy efficiency, and adaptability, the Europe plate heat exchanger market is poised for significant growth. This momentum is further fueled by a heightened focus on energy conservation across diverse industries. Furthermore, the industry's trajectory will be influenced by the development and deployment of advanced materials, especially those resilient to extreme temperatures and corrosive environments, finding applications in sectors like petrochemicals and power generation. The overall Europe plate heat exchanger industry is classified based on application, and country.

Projected to exceed USD 900 million by 2032, the central heating & refrigeration application is set for significant growth. The industry's expansion is fueled by a blend of regulatory mandates and technological advancements. Both regional and EU-wide regulations are tightening, focusing on curbing carbon emissions and bolstering energy efficiency. Additionally, innovations in smart heating systems, emphasizing superior energy management, combined with rising consumer awareness of sustainable energy options, are set to further influence the Europe heat exchanger industry.

Forecasted to surpass USD 720 million by 2032, the German plate heat exchanger market is on an upward trajectory. This growth is largely attributed to the surging demand for advanced heat exchangers across sectors like automotive, chemical processing, power generation, and HVAC, all seeking to reduce energy consumption. The landscape is further energized by a heightened emphasis on industrial digitalization and collaborative efforts among industry players, including strategic partnerships, joint ventures, and research alliances. A notable collaboration was in April 2023, when Germany's Rocket Factory Augsburg (RFA) teamed up with Australia's Conflux Technology to innovate and produce 3D printed heat exchangers tailored for aerospace applications. Coupled with sustained investments in R&D and a shift towards automated, efficient, and data-centric industrial operations, the industry's outlook remains robust.

Contents

Report Content

CHAPTER 1 METHODOLOGY & SCOPE

- 1.1 Market definitions
- 1.2 Base estimates & calculations
- 1.3 Forecast calculation
- 1.4 Data sources
 - 1.4.1 Primary
 - 1.4.2 Secondary
 - 1.4.2.1 Paid
 - 1.4.2.2 Public

CHAPTER 2 INDUSTRY INSIGHTS

- 2.1 Industry ecosystem analysis
 - 2.1.1 Vendor matrix
- 2.2 Regulatory landscape
- 2.3 Industry impact forces
 - 2.3.1 Growth drivers
 - 2.3.2 Industry pitfalls & challenges
- 2.4 Growth potential analysis
- 2.5 Porter's analysis
 - 2.5.1 Bargaining power of suppliers
 - 2.5.2 Bargaining power of buyers
 - 2.5.3 Threat of new entrants
 - 2.5.4 Threat of substitutes
- 2.6 PESTEL analysis

CHAPTER 3 COMPETITIVE LANDSCAPE, 2024

- 3.1 Strategic outlook
- 3.2 Innovation & sustainability landscape

CHAPTER 4 MARKET ESTIMATES AND FORECAST, BY APPLICATION, 2021 - 2032, (USD MILLION)

- 4.1 Key trends
- 4.2 Oil & gas
- 4.3 Chemical
- 4.4 Power generation & metallurgy
- 4.5 Marine
- 4.6 Mechanical industry
- 4.7 Central heating & refrigeration
- 4.8 Food processing
- 4.9 Others

CHAPTER 5 MARKET ESTIMATES AND FORECAST, BY COUNTRY, 2021 - 2032, (USD MILLION)

- 5.1 Key trends
- 5.2 Germany
- 5.3 UK
- 5.4 France
- 5.5 Russia
- 5.6 Italy
- 5.7 Spain
- 5.8 Poland
- 5.9 Türkiye

CHAPTER 6 COMPANY PROFILES

- 6.1 ALFA LAVAL
- 6.2 API Heat Transfer
- 6.3 BARRIQUAND Group
- 6.4 Cipriani PHE srl
- 6.5 Danfoss
- 6.6 Emmegi S.p.A.
- 6.7 Ekin Endustriyel
- 6.8 FUNKE Wärmeaustauscher Apparatebau GmbH
- 6.9 HRS Heat Exchangers
- 6.10 Hexonic LTD
- 6.11 Kelvion Holding GmbH
- 6.12 Onda S.p.A.
- 6.13 SWEP International AB
- 6.14 SPX FLOW

6.15 TENEZ a.s

6.16 Xylem

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