

Global Heat Exchanger for Hydrogen Station Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Heat Exchanger for Hydrogen Station market size is expected to reach \$ 2361.2 million by 2029, rising at a market growth of 98.6% CAGR during the forecast period (2023-2029).

The key manufacturers of heat exchanger for Heat Exchanger for Hydrogen Station in the world are Alfa Laval, Kelvin, Sumitomo Precision products, WELCON, ORION Machinery, Kobe Steel, VPE THERMAL? Lanzhou LS Heavy and Advanced Cooling Technologies, among which the top five manufacturers hold more than 60% of the market share, and the largest manufacturer is Alfa Laval. The production of heat exchangers for heat exchanger for hydrogen station in the world is mainly distributed in the United States, Europe, China, Japan and other regions, among which the top three regions account for nearly 80% of the market share. At present, Japan is the largest production region, accounting for about 40% of the market share, followed by China and Europe.In terms of products, Plate Heat Exchanger and Tube Heat Exchanger are expected to achieve a high growth rate. At present, plate heat exchangers account for 95% of the market share. In terms of application, 70MPa hydrogen station is the first major application field, with a market share of more than 90%, followed by 35MPa hydrogen station.

In order for FCVs to achieve the cruising range of conventional gasoline vehicles, 'hydrogen storage tank' in the limited space is filled with a sufficient amount of hydrogen. In order to complete the hydrogen filling of the FCV within 3 minutes, the supply pressure at the time of hydrogen filling must be 82MPa.

During hydrogen filling, the temperature of the FCV's hydrogen storage tank rises. In order to prevent accidents such as damage to the tank, the upper limit of the hydrogen



temperature in the tank is 85?, so heat exchanger is needed in hydrogen station.

This report studies the global Heat Exchanger for Hydrogen Station production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Heat Exchanger for Hydrogen Station, 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 Heat Exchanger for Hydrogen Station that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Heat Exchanger for Hydrogen Station total production and demand, 2018-2029, (Units)

Global Heat Exchanger for Hydrogen Station total production value, 2018-2029, (USD Million)

Global Heat Exchanger for Hydrogen Station production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Heat Exchanger for Hydrogen Station consumption by region & country, CAGR, 2018-2029 & (Units)

U.S. VS China: Heat Exchanger for Hydrogen Station domestic production, consumption, key domestic manufacturers and share

Global Heat Exchanger for Hydrogen Station production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Units)

Global Heat Exchanger for Hydrogen Station production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Heat Exchanger for Hydrogen Station production by Application production, value, CAGR, 2018-2029, (USD Million) & (Units)

This reports profiles key players in the global Heat Exchanger for Hydrogen Station



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, Sumitomo Precision products, WELCON, ORION Machinery, Kobe Steel, VPE THERMAL, Lanzhou LS Heavy and Advanced Cooling Technologies, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Heat Exchanger for Hydrogen Station market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (K 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 Heat Exchanger for Hydrogen Station Market, By Region:

United States		
China		
Europe		
Japan		
South Korea		
ASEAN		
India		
Rest of World		



Global Heat Exchanger for Hydrogen Station Market, Segmentation by Type		
Plate Heat Exchanger		
Tube Heat Exchanger		
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35MPa Hydrogen Station		
70MPa Hydrogen Station		
Companies Profiled:		
Alfa Laval		
Kelvion		
Sumitomo Precision products		
WELCON		
ORION Machinery		
Kobe Steel		
VPE THERMAL		
Lanzhou LS Heavy		
Advanced Cooling Technologies		
Sterling Thermal Technology		
Hangzhou Shenshi		

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Key Questions Answered

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



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