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Global Hydrogen Refueling Station Chiller Supply, Demand and Key Producers, 2023-2029

https://marketpublishers.com/r/G849849C32ADEN.html
Date: July 2024
Pages: 108
Price: US$ 4,480.00 (Single User License)
ID: G849849C32ADEN

Abstracts

The global Hydrogen Refueling Station Chiller market size is expected to reach $ 36 million by 2029, rising at a market growth of 49.4% CAGR during the forecast period (2023-2029).

Global 5 largest manufacturers of Hydrogen Refueling Station Chiller are KUSTEC, ORION Machinery, Lingong Technology, Dawoxi Equipment and Y-LING Technology, which make up about 70%. Among them, KUSTEC is the leader with about 39% market share.

North America is the largest market, with a share about 25%, followed by Europe and China, with share about 20% and 15%. In terms of product type, Air-cooled Chiller occupy the largest share of the total market, about 64%. And in terms of product application, the largest application is 70MPa Hydrogen Station, followed by 35MPa Hydrogen Station.

A hydrogen refueling station chiller is a component of a hydrogen refueling station. The chiller operates by transferring heat from the compressed hydrogen to a coolant, which then carries the heat away from the dispensing unit and dissipates it through a heat exchanger. This cooling process is necessary because compressing hydrogen gas generates heat, and if the gas is not cooled sufficiently, it can cause safety issues such as increased pressure, which can lead to ruptures or explosions. Therefore, the chiller plays a critical role in ensuring the safe and efficient operation of a hydrogen refueling station.

This report studies the global Hydrogen Refueling Station Chiller production, demand, key manufacturers, and key regions.

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

Highlights and key features of the study

Global Hydrogen Refueling Station Chiller total production and demand, 2018-2029, (Units)

Global Hydrogen Refueling Station Chiller total production value, 2018-2029, (USD Million)

Global Hydrogen Refueling Station Chiller production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Hydrogen Refueling Station Chiller consumption by region & country, CAGR, 2018-2029 & (Units)

U.S. VS China: Hydrogen Refueling Station Chiller domestic production, consumption, key domestic manufacturers and share

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

Global Hydrogen Refueling Station Chiller production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Hydrogen Refueling Station Chiller production by Application production, value, CAGR, 2018-2029, (USD Million) & (Units).

This reports profiles key players in the global Hydrogen Refueling Station Chiller 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 KUSTEC, ORION Machinery, Lingong Technology, Dawoxi Equipment, Y-LING Technology, Reynold India, Drycool, Yantai Dongde Industrial and Mydax, etc.

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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 Hydrogen Refueling Station Chiller market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US$ Millions), volume (production, consumption) & (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 Hydrogen Refueling Station Chiller Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Hydrogen Refueling Station Chiller Market, Segmentation by Type

Air-cooled Chiller

Water-cooled Chiller

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Global Hydrogen Refueling Station Chiller Market, Segmentation by Application

35MPa Hydrogen Station

70MPa Hydrogen Station

Companies Profiled:

KUSTEC

ORION Machinery

Lingong Technology

Dawoxi Equipment

Y-LING Technology

Reynold India

Drycool

Yantai Dongde Industrial

Mydax

LAUDA

Kaydeli

Key Questions Answered

1. How big is the global Hydrogen Refueling Station Chiller market?

2. What is the demand of the global Hydrogen Refueling Station Chiller market?

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3. What is the year over year growth of the global Hydrogen Refueling Station Chiller market?

4. What is the production and production value of the global Hydrogen Refueling Station Chiller market?

5. Who are the key producers in the global Hydrogen Refueling Station Chiller market?

6. What are the growth factors driving the market demand?

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