

Global Gas Engine-driven Heat Pump (GEHP) Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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Abstracts

Gas Engine-driven Heat Pump (GEHP) or Gas Heat Pumps (GHP) air conditioning systems are used to comfortably heat or cool large spaces. They use gas to fuel the engine that drives the compressor. A gas heat pump is a heating appliance which uses the renewable energy stored in the soil, groundwater or the environment for heating purposes. It then combines this environmental heat with high efficiency gas-fired condensing technology.

What's GHPAn air conditioning system provides both cooling and heating by circulating refrigerant with a compressor (Heat Pump Cycle). The basic system for the heating and cooling cycle is the same as an Electric Heat Pump (EHP). The main difference between GHP and EHP is whether it uses an electric motor or a gas engine to drive the compressor in the outdoor unit, which is often called the heart of the air conditioning system. This difference realizes comfortable cooling and heating in a GHP and is the major feature of a GHP system that offers numerous advantages.

According to our (Global Info Research) latest study, the global Gas Engine-driven Heat Pump (GEHP) market size was valued at USD 790.5 million in 2022 and is forecast to a readjusted size of USD 742.5 million by 2029 with a CAGR of -0.9% during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

Global key players of gas engine-driven heat pump (GEHP) include Yanmar, Aisin Seiki, etc. Global top 2 companies hold a share about 75%. Japan is the largest market, with a share over 80%, followed by Asia Pacific Others with the share about 12%. In terms of product, 10-20HP is the largest segment, with a share over 70%. And in terms

of application, the largest application is commercial application, with a share about 60%.

This report is a detailed and comprehensive analysis for global Gas Engine-driven Heat Pump (GEHP) market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

Key Features:

Global Gas Engine-driven Heat Pump (GEHP) market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2018-2029

Global Gas Engine-driven Heat Pump (GEHP) market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2018-2029

Global Gas Engine-driven Heat Pump (GEHP) market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2018-2029

Global Gas Engine-driven Heat Pump (GEHP) market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (K US\$/Unit), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Gas Engine-driven Heat Pump (GEHP)

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Gas Engine-driven Heat Pump (GEHP) 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 Yanmar, Aisin Seiki, Panasonic, Daikin and Mitsubishi, etc.

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

Market Segmentation

Gas Engine-driven Heat Pump (GEHP) market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Below 10HP

10-20HP

Above 20HP

Market segment by Application

Commercial

Schools & Universities

Industrial & Residential

Major players covered

Yanmar

Aisin Seiki

Panasonic

Daikin

Mitsubishi

LG Electronics

Schwank

Tecogen, Inc.

Blue Flame High-tech (Tianjin)

Smart Action

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Gas Engine-driven Heat Pump (GEHP) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Gas Engine-driven Heat Pump (GEHP),

with price, sales, revenue and global market share of Gas Engine-driven Heat Pump (GEHP) from 2018 to 2023.

Chapter 3, the Gas Engine-driven Heat Pump (GEHP) competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Gas Engine-driven Heat Pump (GEHP) breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and Gas Engine-driven Heat Pump (GEHP) market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Gas Engine-driven Heat Pump (GEHP).

Chapter 14 and 15, to describe Gas Engine-driven Heat Pump (GEHP) sales channel, distributors, customers, research findings and conclusion.

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