

# Global Direct Fired Vaporizers Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G82474B780CCEN.html>

Date: June 2026

Pages: 147

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

ID: G82474B780CCEN

## Abstracts

The global Direct Fired Vaporizers market size is expected to reach \$ 451 million by 2032, rising at a market growth of 6.1% CAGR during the forecast period (2026-2032).

In 2025, global Direct Fired Vaporizer output reached about 9 million units and global capacity of around 11 million units. The average price is about USD 32 per unit, with gross margins near 32%. Direct Fired Vaporizers (DFVs) are industrial vaporizers used to convert cryogenic liquids such as LNG, LPG, liquid nitrogen, liquid oxygen, or liquid ammonia into gas by applying heat generated from direct combustion, typically using natural gas, propane, or fuel oil burners. In a DFV system, the cryogenic fluid flows through heat exchange coils immersed in a water bath or exposed to combustion-heated surfaces, where thermal energy rapidly vaporizes the liquid into gaseous form for downstream industrial, energy, petrochemical, marine, or utility applications. The supply chain for Direct Fired Vaporizers begins upstream with raw material and component suppliers providing stainless steel, carbon steel, aluminum alloys, burners, heat exchangers, control valves, pumps, pressure regulators, PLC automation systems, instrumentation, insulation materials, and combustion control equipment. Midstream participants include engineered equipment manufacturers and EPC companies that design, fabricate, assemble, and test the vaporizer systems according to cryogenic and pressure vessel standards such as ASME, API, and ISO. Distribution channels involve industrial gas equipment suppliers, LNG terminal integrators, cryogenic infrastructure contractors, and energy engineering firms that install and commission the systems. Downstream demand mainly comes from LNG import terminals, peak-shaving facilities, gas utilities, petrochemical plants, power generation stations, steel mills, marine bunkering infrastructure, industrial gas companies, and large manufacturing facilities requiring high-capacity gasification of cryogenic liquids.

This report studies the global Direct Fired Vaporizers production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Direct Fired Vaporizers and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Direct Fired Vaporizers that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Direct Fired Vaporizers total production and demand, 2021-2032, (K Units)

Global Direct Fired Vaporizers total production value, 2021-2032, (USD Million)

Global Direct Fired Vaporizers production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global Direct Fired Vaporizers consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Direct Fired Vaporizers domestic production, consumption, key domestic manufacturers and share

Global Direct Fired Vaporizers production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global Direct Fired Vaporizers production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global Direct Fired Vaporizers production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Direct Fired Vaporizers 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 Linde, Chart Industries, Mitsubishi Heavy Industries, Kawasaki Heavy Industries, IHI Corporation, Ebara Corporation, Kobelco, Cryostar, INOXCVA, Cryonorm, 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 Direct Fired Vaporizers 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 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

#### Global Direct Fired Vaporizers Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Direct Fired Vaporizers Market, Segmentation by Type:

Manual Control DFV

Semi-Automatic DFV

Fully Automated DFV

#### Global Direct Fired Vaporizers Market, Segmentation by Operating Pressure:

50 bar

## Global Direct Fired Vaporizers Market, Segmentation by Application:

LNG Terminals

Power Generation

Oil & Gas

Industrial Gas

Others

## Companies Profiled:

Linde

Chart Industries

Mitsubishi Heavy Industries

Kawasaki Heavy Industries

IHI Corporation

Ebara Corporation

Kobelco

Cryostar

INOXCVA

Cryonorm

Cryeng Group

Cryogas Equipment

Wessington Cryogenics

Cryotec Anlagenbau

Fiba Technologies

Auyan New Energy Technology

Holy Cryogenic Equipment

Hangzhou Oxygen Plant Group

CIMC Enric

Furui CIT

#### Key Questions Answered:

1. How big is the global Direct Fired Vaporizers market?
2. What is the demand of the global Direct Fired Vaporizers market?
3. What is the year over year growth of the global Direct Fired Vaporizers market?
4. What is the production and production value of the global Direct Fired Vaporizers market?
5. Who are the key producers in the global Direct Fired Vaporizers market?
6. What are the growth factors driving the market demand?

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