

# Global Pressurised Feedwater Thermal Deaerator Supply, Demand and Key Producers, 2026-2032

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## Abstracts

The global Pressurised Feedwater Thermal Deaerator market size is expected to reach \$ 1109 million by 2032, rising at a market growth of 6.2% CAGR during the forecast period (2026-2032).

In 2025, the global installed capacity of new pressurized feedwater thermal deaerators was approximately 51,800 units, with a unit price of USD 13,600 and a gross profit margin of approximately 18%-29%. A pressurized feedwater thermal deaerator is a core boiler water treatment device that operates under controlled pressure (typically 0.2–0.6 MPa) and reduces dissolved oxygen (DO) and free CO<sub>2</sub> in feedwater to 0.02–0.03 mg/L through steam heating and a two-stage spray-pallet structure. The main body consists of spray heads, a water distribution tray, a pressure vessel cylinder, a steam distributor, a condensate vent valve, a pressurized section safety valve, level and pressure gauges, a collection tank, and a makeup water control system. Typical parameters include: deaerated water temperature 104–160 °C (matching the operating pressure), operating pressure 0.2–0.6 MPa, steam consumption per ton of water 2.8–4.2%, influent DO 2–6 mg/L, effluent DO 0.02 mg/L, and materials primarily composed of corrosion-resistant steels such as SA-516 Gr.70 and SS304/316L; welds are subjected to RT/UT inspection. In a typical 10–35 t/h boiler room, it is usually equipped with one set of pressurized feedwater thermal deaerator; in a regional energy station, 2–3 sets can be configured to operate in parallel to meet the peak load water replenishment demand.

This report studies the global Pressurised Feedwater Thermal Deaerator production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for

Pressurised Feedwater Thermal Deaerator 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 Pressurised Feedwater Thermal Deaerator that contribute to its increasing demand across many markets.

### **Highlights and key features of the study**

Global Pressurised Feedwater Thermal Deaerator total production and demand, 2021-2032, (Units)

Global Pressurised Feedwater Thermal Deaerator total production value, 2021-2032, (USD Million)

Global Pressurised Feedwater Thermal Deaerator production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Units), (based on production site)

Global Pressurised Feedwater Thermal Deaerator consumption by region & country, CAGR, 2021-2032 & (Units)

U.S. VS China: Pressurised Feedwater Thermal Deaerator domestic production, consumption, key domestic manufacturers and share

Global Pressurised Feedwater Thermal Deaerator production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Units)

Global Pressurised Feedwater Thermal Deaerator production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Units)

Global Pressurised Feedwater Thermal Deaerator production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Units)

This report profiles key players in the global Pressurised Feedwater Thermal Deaerator 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 MINGAZZINI, Spirax Sarco, EUROWATER, Tomlinson, Industrial Steam, Lockwood, Sellers, Cleaver-Brooks, Babcock Wanson, VALSTEAM, 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 Pressurised Feedwater Thermal Deaerator 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 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

### Global Pressurised Feedwater Thermal Deaerator Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

### Global Pressurised Feedwater Thermal Deaerator Market, Segmentation by Type:

Spray Style

Tray Style

Global Pressurised Feedwater Thermal Deaerator Market, Segmentation by Installation Method:

Horizontal

Vertical

Global Pressurised Feedwater Thermal Deaerator Market, Segmentation by Processing Capacity:

10 t/h

500 t/h

Others

Global Pressurised Feedwater Thermal Deaerator Market, Segmentation by Application:

District Heating Stations

Hospital Energy Centers

Industrial

Others

Companies Profiled:

MINGAZZINI

Spirax Sarco

EUROWATER

Tomlinson

Industrial Steam

Lockwood

Sellers

Cleaver-Brooks

Babcock Wanson

VALSTEAM

Cochran

Atlantic Feedwater Systems

PC McKenzie

Shipco

**Key Questions Answered:**

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

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