

Global Pressurised Feedwater Thermal Deaerator Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Pressurised Feedwater Thermal Deaerator market size was valued at US\$ 724 million in 2025 and is forecast to a readjusted size of US\$ 1109 million by 2032 with a CAGR of 6.2% during review period.

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 CO₂ 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 is a detailed and comprehensive analysis for global Pressurised Feedwater Thermal Deaerator 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 2025, are provided.

Key Features:

Global Pressurised Feedwater Thermal Deaerator market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2021-2032

Global Pressurised Feedwater Thermal Deaerator market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2021-2032

Global Pressurised Feedwater Thermal Deaerator market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2021-2032

Global Pressurised Feedwater Thermal Deaerator market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (K US\$/Unit), 2021-2026

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 Pressurised Feedwater Thermal Deaerator
- 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 Pressurised Feedwater Thermal Deaerator market based on the following parameters - company overview, sales quantity, revenue, 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.

Market Segmentation

Pressurised Feedwater Thermal Deaerator market is split by Type and by Application. For the period 2021-2032, 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

Spray Style

Tray Style

Market segment by Installation Method

Horizontal

Vertical

Market segment by Processing Capacity

10 t/h

500 t/h

Others

Market segment by Application

District Heating Stations

Hospital Energy Centers

Industrial

Others

Major players covered

MINGAZZINI

Spirax Sarco

EUROWATER

Tomlinson

Industrial Steam

Lockwood

Sellers

Cleaver-Brooks

Babcock Wanson

VALSTEAM

Cochran

Atlantic Feedwater Systems

PC McKenzie

Shipco

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 Pressurised Feedwater Thermal Deaerator product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Pressurised Feedwater Thermal Deaerator, with price, sales quantity, revenue, and global market share of Pressurised Feedwater Thermal Deaerator from 2021 to 2026.

Chapter 3, the Pressurised Feedwater Thermal Deaerator competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Pressurised Feedwater Thermal Deaerator breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

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 2021 to 2026. and Pressurised Feedwater Thermal Deaerator market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Pressurised Feedwater Thermal Deaerator.

Chapter 14 and 15, to describe Pressurised Feedwater Thermal Deaerator sales channel, distributors, customers, research findings and conclusion.

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