

Global Nuclear Feed Water Heater Market Analysis and Forecasts to 2020

“Global Nuclear Feed Water Heater Market Analysis and Forecasts to 2020” is the latest research from GlobalData. This report provides comprehensive information on the market size of low pressure and high pressure feed water heaters used in nuclear power generation facilities, both at a regional and global level. The major feed water heater pump types which are included in the study are used in pressurized water reactors, pressurized heavy water reactors, light water graphite reactors, gas cooled reactors, fast breeder reactors, and boiling water reactors. Low pressure and high pressure feed water heaters play a crucial role in heating the condensate or feed water by using steam that has been exhausted from different stages of the turbine. These feed water heaters play a significant role in increasing the thermo dynamic efficiency of nuclear power facilities.

Nuclear Industry Expansion to Drive the Long Term Growth of the Feed Water Heater Market

Demand from new and existing nuclear power stations is set to drive the feed water heater market. There are 55 new nuclear reactors that are under construction across the globe and are expected to come online during the period 2010-2020, which indicates a growth in demand for nuclear low pressure and high pressure feed water heaters worldwide. There will also be demand for feed water heaters in the replacement market as many of the existing reactors will require replacement once they complete 20-25 years of operational life. In the long term most of the demand for the feed water heaters will be primarily due to new reactors in the nuclear power producing countries as well as the potential nuclear industry development in emerging nuclear countries.

Nuclear High Pressure Feed Water Heater Market to Show a Decline in Revenue Growth during 2010-2020

Year-on-year demand for high pressure feed water heaters around the globe will decrease from 234 units in 2010 to 78 in 2020, showing a negative Average Annual Growth Rate (AAGR) of 10.98%. This market is expected to reach \$133.4m in 2020, declining at an AAGR of 6.1% between 2010 and 2020. The global estimated demand for low pressure feed water heaters will decrease to 60 units by the end of 2020 compared to the 2010 estimated level of 68 units. The value, for low pressure feed water heaters, is expected to reach \$51.3m in 2020. The major demand for low pressure and high pressure feed water heaters will be from the replacement market during the forecast period 2010-2020.

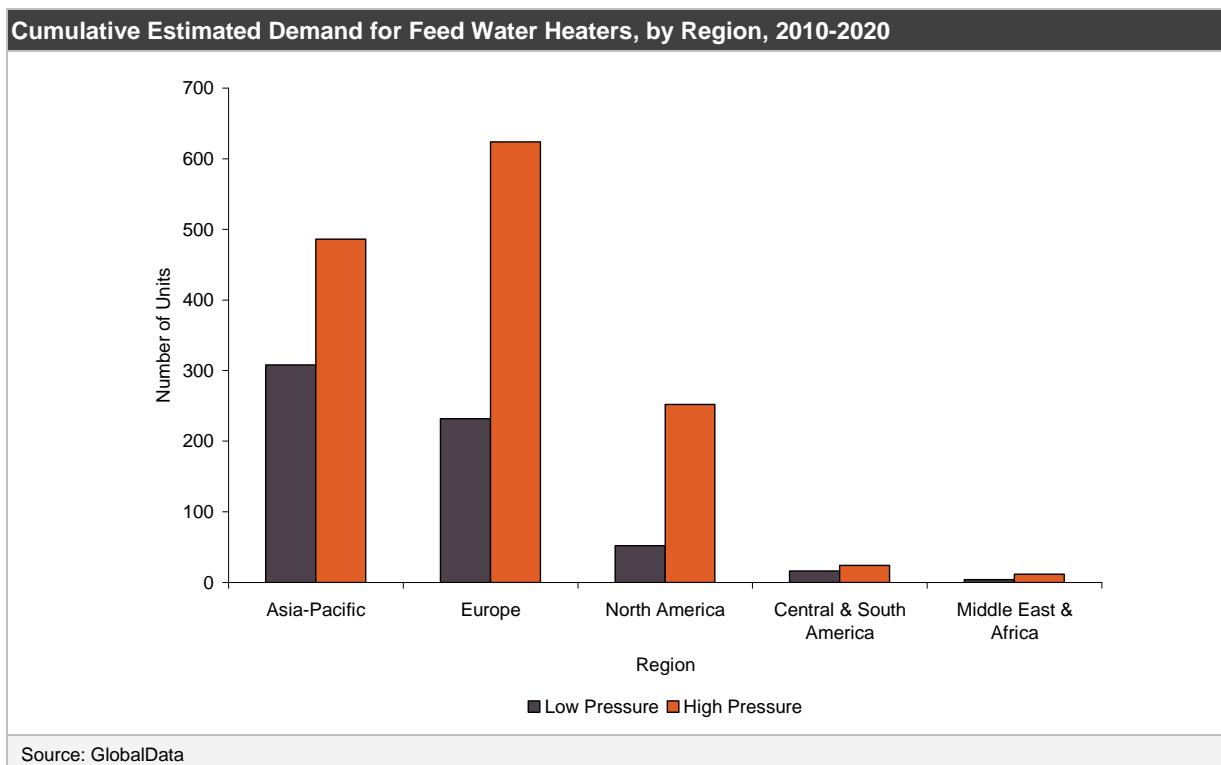
Key Players to Benefit from the Feed Water Heater Market Growth

Leading players such as Alstom Power, Foster Wheeler, Holtec International, Inc., and Mitsubishi Heavy Industries Ltd. are set to benefit from the growth within the feed water heater market. Europe has some of the major nuclear industry companies, as this region has the largest number of operating nuclear reactors in the world. These major players will be the potential beneficiaries of the high demand for nuclear low pressure and high pressure feed water heaters because of their better capabilities and long standing experience in this market.

Europe and Asia Pacific to Play Key Roles in the Feed Water Heater Market

The European and Asia Pacific regions are expected to show strong demand for nuclear feed water heaters during the forecast period 2010-2020. Europe is a key market for the feed water heater industry as many of the existing reactors as well as new reactors will require low pressure and high pressure feed water heater replacement. During the period 2010-2020, the European region is expected to show the highest demand of 856 low pressure and high pressure feed water heater units, followed by the Asia Pacific region with 794

units, and the North American region with 304 units. The increased demand from these regions will result in the sustained growth of the nuclear feed water heater market.



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