

US Wood Pellets Biomass Boilers Market Size study, by Type (Fully Automated Biomass Boiler, Combined Heat and Power (CHP) Biomass Systems, Semi-automated Industrial Biomass Boilers, Others) by Application (Residential, Commercial) Forecasts 2022-2032

<https://marketpublishers.com/r/U304BAFEA177EN.html>

Date: July 2024

Pages: 200

Price: US\$ 6,250.00 (Single User License)

ID: U304BAFEA177EN

Abstracts

US Wood Pellets Biomass Boilers Market is valued approximately USD 978.18 million in 2023 and is anticipated to grow with a healthy growth rate of more than 15.58% over the forecast period 2024-2032. Wood pellets biomass boilers are heating systems that use wood pellets as a renewable energy source to heat residential, commercial, and industrial spaces. These boilers are designed for efficient combustion of wood pellets, offering a sustainable alternative to fossil fuels like oil and natural gas. Wood pellets, made from compressed sawdust, wood shavings, or other biomass materials, serve as a carbon-neutral fuel source. Biomass boiler manufacturers are increasingly offering smart home integration features, allowing users to monitor and control their heating systems remotely via smartphones or other devices. This trend in US Wood Pellets Biomass Boilers Market enhances convenience and energy efficiency, appealing to tech-savvy consumers in the U.S.

The United States is witnessing a growing emphasis on renewable energy sources, driven by environmental concerns and the need to reduce dependence on fossil fuels. Wood pellets biomass boilers are gaining traction as a renewable heating option, particularly in regions with abundant forest resources. Federal, state, and local governments in the U.S. are offering incentives and implementing policies to promote the adoption of renewable energy technologies, including biomass heating systems. Tax credits, grants, and rebates incentivize homeowners, businesses, and institutions to

invest in wood pellets biomass boilers, driving market growth. Furthermore, US Wood Pellets Biomass Boilers Market is driven by rising advancements in technology and expansion of residential market. However, high cost of boilers, and availability of alternatives on the other hand, would stifle market growth between 2022 and 2032.

Major market player included in this report are:

Enviva Partners, LP

Renewable Energy Group, Inc. (REG)

Hurst Boiler & Welding Co., Inc.

WoodMaster Inc

Company 5

Company 6

Company 7

Company 8

Company 9

Company 10

The detailed segments and sub-segment of the market are explained below:

By Type

Fully Automated Biomass Boiler

Combined Heat and Power (CHP) Biomass Systems

Semi-automated Industrial Biomass Boilers

Others

By Application

Residential

Commercial

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and Country level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major

regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market

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