



The QHT BIASI 3Wood Cast Iron Boiler



A New Generation of Wood Boiler

QHT  **BIASI**
The New Style of Warmth

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The 3WOOD is a new generation of wood boiler that challenges our oil dependency. It is efficient, easy to use, and produces low emissions.

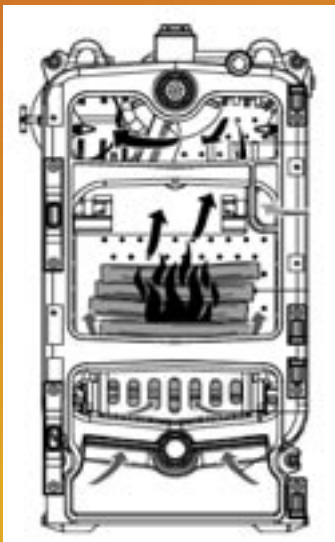
Unlike wood boilers from the past, the 3WOOD dispels the notion that wood boilers are labor intensive, inefficient and polluting. 3WOOD offers consistent high efficiency with a large heat exchange surface and secondary combustion chamber.

THE 3WOOD's water-cooled grates, large finned firebox and secondary combustion chamber maximize the burn

time and minimize wood consumption. Easy adjustments to the automatic temperature control, secondary air regulator, and flue gas damper enhance fire maintenance.

For over 70 years, the BIASI foundry has maintained a reputation for precision pressure castings and quality control that exceeds all international standards. The 3WOOD series is available in four sizes ranging from 75,000 to 120,000 BTU/HR. All threads and fittings are compatible with North American controls and accessories. 3WOOD, the only ASME certified and ETL approved cast iron wood boiler on the market, embodies the design innovation of QHT BIASI.

QHT BIASI 3-Pass Technology



1st Pass

Wood burns in a large, finned combustion chamber with water-cooled grates.

2nd Pass

Vented firebox gasses mix with very hot, preheated air in the secondary combustion chamber thereby enhancing oxidation.

3rd Pass

Remaining exhaust heat is given-up in a wide finned, self-cleaning passageway before exiting the boiler.

Technical Advantages

- ASME Certified Boiler Rated at 58 psi
- ETL Approved for USA and Canada
- Water-cooled Grates
- Secondary Combustion Chamber for High Efficiency and Low Emissions
- Ash Tray
- Heavy Insulation
- Enameled Casing
- Large Loading Door

Safety Components

- Automatic Draft Regulator
- Pressure Relief Valve ASME
- Water-cooled Grates
- Overheat Aquastat
- Operating Aquastat
- Anti-Burn Levers for Doors

Warranty

- Limited Lifetime Boiler Block

QHT BIASI 3Wood Specifications



Model	Output Capacity (BTU/HR)	Firebox Depth (Inches)	Water Content (Gals.)	Weight (Lbs.)	Draft (Inches) (w.c.)	Height (Inches)	Width (Inches)	Length (Inches)
3Wood-4	75,000	14	9	595	.04	38	24	21
3Wood-5	89,000	19	11	695	.07	38	24	25
3Wood-6	104,000	23	12	795	.10	38	24	30
3Wood-7	120,000	27	14	895	.12	38	24	34



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