

Alpha Series

Fully Automatic Wood Pellet Boilers

FOR USE IN CANADA/USA



PELLERGY



The **Pellergy Alpha Wood Pellet Boiler** system is one of the most advanced, efficient, and low maintenance wood pellet boiler systems available in the world.

The Pellergy Alpha Boiler System incorporates:

- Fully automated heat transfer surface and burn pot cleaning with an integrated ash collection box for ease of cleanout requiring minimal maintenance throughout the heating season
- Integrated 330 LBS manual feed hopper or automated vacuum feed system for bulk pellets
- Automatic firing rate modulation and advanced thermocontrol allowing the boiler to fire down to 30% of its rated output eliminating the need for costly buffer tanks while maintaining efficiency
- 86% sustained efficiency and ultra-low emissions meeting DIN EN 303-5 standards
- Unique dual ignition element design with Lifetime Warranty on igniter
- Standard North American electronics: No complicated voltage converters, No 50Hz motors to fail, and No wiring for 220V
- OTL Listed to UL-391-2010 and CAN/CSA-B366.1-11
- Easy yearly maintenance: Service the entire boiler within 45-minutes, no complicated disassembly required

TECHNICAL SPECIFICATIONS

Alpha Boiler Model	A-60	A-100
Fuel	Premium Wood Pellets	Premium Wood Pellets
Input firing rate	60,000 btu/hr	100,000 btu/hr
Integral pellet fuel hopper capacity	330 Lbs	330 Lbs
Efficiency (HHV-LHV)	86% - 92.9%	86% - 92.9%
Dimensions W x D x H	40.5" x 29" x 70"	40.5" x 29" x 70"
Installation dimensions W x D x H	48" x 32" x 64"	48" x 32" x 64"
Flue connection diameter	5" Nom	5" Nom
Electrical Requirement	120V AC, 60Hz	120V AC, 60Hz
Power consumption at part load	32 W	47 W
Power consumption at nominal load	58 W	110 W

Pellergy LLC

157 Pioneer Center, Suite 1
 Montpelier, VT 05602, U.S.A.
 Tel: +802.371.0098
 Fax: +802.419.4769
 info@pellergy.com
 www.pellergy.com



PELLERGY

WOOD PELLET CENTRAL HEATING SYSTEMS