



WOODMASTER BIOMAX SERIES
MAXIMIZE YOUR HEATING EFFORTS

IT'S EASIER THAN EVER FOR COMMERCIAL INTERESTS AND GOVERNMENT ORGANIZATIONS TO CONVERT TO FLEXIBLE, FUTURE-PROOF, BIOMASS HEAT.

Using technology from ABioNova, an experienced leader in European biofuel boiler plants. ABioNova technology is developed to handle the rigors of commercial plant operation. It was developed for energy companies, municipalities, commercial properties and industrial facilities.

The ABioNova design is among the cleanest and most efficient in the industry, and WoodMaster has licensed this technology for its US-built BioMax boilers.

The Biomax boiler efficiently and cleanly produces water for heating and hot water production with bio fuel, such as wood pellets and wood chips.

FUEL YOUR FUTURE.

With increased global energy demand and heightened environmental concerns, fossil fuel prices continue to rise. It makes more sense than ever to leave fossil fuels behind.

WoodMaster BioMax boiler systems are economical, flexible solutions that burn abundant, renewable fuels such as wood pellets and wood chips that are carbon neutral – and extremely affordable.

With Woodmaster, you can better control your heating budget with a safe, reliable supply of domestic fuel, and you'll be free of fluctuating gas and oil prices.

STAY AHEAD OF TIGHTENING REGULATIONS

Convert your buildings and grounds to environmentally compatible energy.

KEEP MONEY IN YOUR POCKET

BioMax systems are more efficient, and use cheaper fuel than conventional commercial heating systems.

WORK WITH A LEADER

WoodMaster has been manufacturing and distributing heating systems for over 20 years. We're a leader in natural energy and alternative fuel heating. WoodMaster carries a full line of parts and accessories and provides attentive, expert service for the life of your boiler system.

SELF-CONTAINED BOILER UNITS

If your existing boiler room does not have the space for a bio fuel boiler, our prefabricated self-contained boiler rooms are the answer. These units come complete with any model boiler we offer. Built to ASME Section 4 requirements.

Our full line of boiler products ranges from 130-2000 kW (440,000-6.8 Million BTU) and supplies continuous heat. Each model is adaptable to any system, highly efficient, and comes with the expert installation assistance of your WoodMaster dealer.

WOODMASTER BIOMAX BOILERS

Convert to reliable, uninterrupted heat from simple, renewable wood pellets or wood chips. Wood chip and wood pellet boilers range from 440,000-6.8 Million BTU.

- Firebrick-lined combustion chamber
- Separate fans for primary and secondary combustion air
- Grate elements made from durable cast chrome steel
- Underfed burner integrated into the boiler foundation
- Automatic ash extraction and soot blowing
- Clean-burning and efficient
- Equivalent emissions to modern gas combustion
- Burns CO₂-neutral wood fuel
- Achieves 92% LHV efficiency using digital modulating-output control
- Remotely monitor and control via the web

WOODMASTER BIOMAX CONTROL CABINET

The PLC-based control cabinets for bio fuel plants include a full-color control panel display with variable modulating power for maximum efficiency control. These controls have been tested and proven in Europe for many years using ABioNova technologies.

- Completely control the bio fuel plant – from silo to chimney
- Alarms can be customized to relay to specific staff
- Enables remote monitoring via the web
- Automatic heat regulation
- Variable power regulation
- Efficient combustion control
- Safe, easy to use
- Multiple control options available, depending on your needs

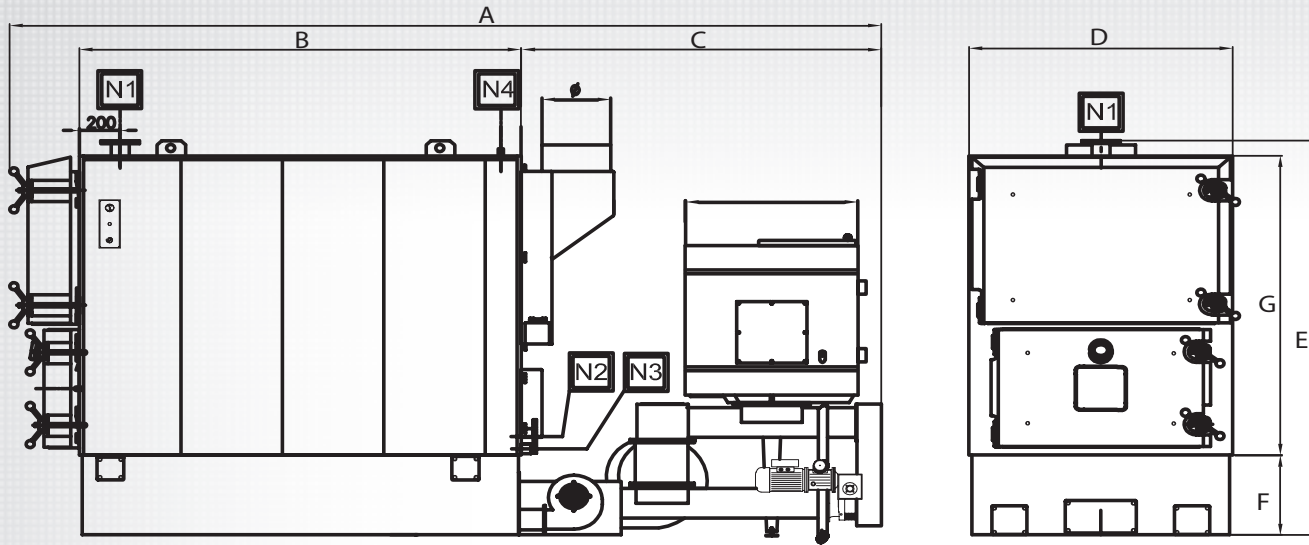
AVAILABLE WOODCHIP AND PELLET BOILERS:

WoodMaster BioMax

Model numbers reflect kW's produced by boiler. (1 kW equals approximately 3400 BTU's)

BioMax
SERIES





BIOMAX WOODCHIP BOILER TECHNICAL DATA.

MODEL	BTU/HR OUTPUT	A	B	C	D	E	F	G	H	N1/N2*	N3**	N4***
BMC130	440,000	130.0	57.5	59.5	38.5	70.5	17.0	53.5	12.0	2 1/2"	1"	1/2"
BMC180	610,000	134.0	69.0	52.0	38.5	70.5	17.0	53.5	12.0	2 1/2"	1"	1/2"
BMC230	780,000	134.0	81.0	40.0	38.5	70.5	17.0	53.5	12.0	2 1/2"	1"	1/2"
BMC300	1,020,000	169.5	58.5	98.0	51.5	88.5	18.0	67.0	14.0	3"	1"	1/2"
BMC400	1,360,000	169.5	72.0	84.0	51.5	88.5	18.0	67.0	14.0	3"	1"	1/2"
BMC500	1,700,000	169.5	86.0	70.5	51.5	88.5	18.0	67.0	14.0	3"	1"	1/2"
BMC650	2,210,000	212.0	82.5	114.5	63.0	102.0	20.5	79.0	18.0	4"	1 1/2"	1"
BMC800	2,730,000	212.0	100.0	96.5	63.0	102.0	20.5	79.0	18.0	4"	1 1/2"	1"
BMC950	3,240,000	212.0	118.0	79.0	63.0	102.0	20.5	79.0	18.0	4"	1 1/2"	1"
BMC1300	4,430,000	264.5	119.0	127.5	81.0	126.5	23.0	103.5	22.0	5"	1 1/2"	1 1/2"
BMC1650	5,620,000	264.5	139.0	107.5	81.0	126.5	23.0	103.5	22.0	5"	1 1/2"	1 1/2"
BMC2000	6,800,000	264.5	158.5	88.0	81.0	126.5	23.0	103.5	22.0	5"	1 1/2"	1 1/2"

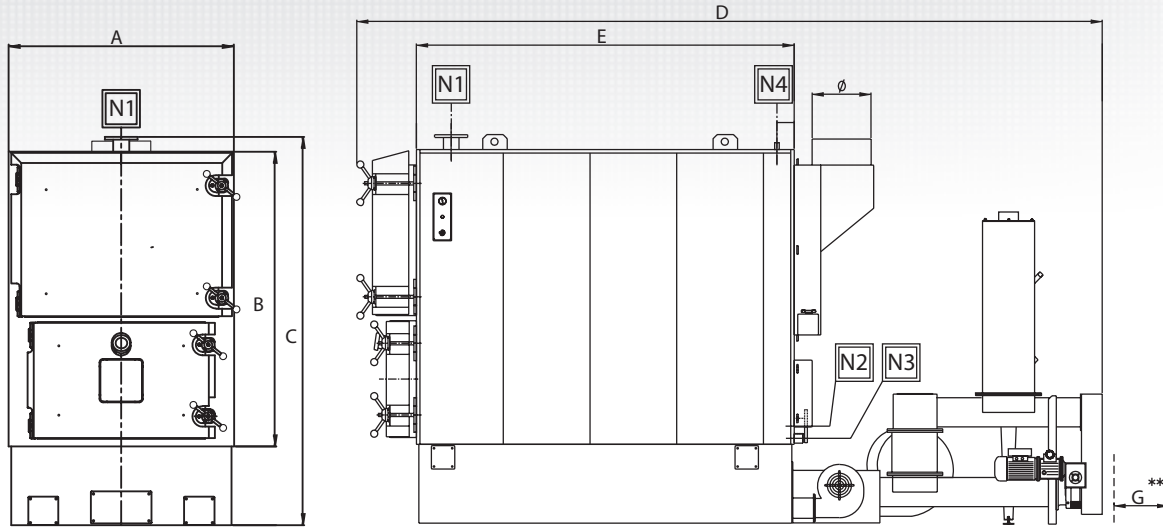
All measurements (A-H) are in inches, others are as listed.

*-N1/N2-Supply/Return flange sizes-Inches

** -N3-Discharge-Inches

***-N4-Emergency Cooling-Inches

Other quantities are as listed.



BIOMAX PELLET BOILER TECHNICAL DATA

MODEL	BTU/HR OUTPUT	A	B	C	D	E	F	G	N1/N2*	LBS	GALLONS	LBS/HR**
BM130	440,000	39.5	67.0	52.0	108.5	38.5	35.5	12.0	1 1/2"	2735	120	53
BM180	610,000	39.5	67.0	52.0	108.5	50.5	35.5	12.0	1 1/2"	3175	160	73
BM230	780,000	39.5	67.0	52.0	108.5	62.5	35.5	12.0	1 1/2"	3640	200	95
BM300	1,020,000	51.5	88.5	67.0	169.5	58.5	55.5	14.0	3"	5295	215	123
BM400	1,360,000	51.5	88.5	67.0	169.5	72.0	55.5	14.0	3"	6285	295	163
BM500	1,700,000	51.5	88.5	67.0	169.5	86.0	55.5	14.0	3"	7275	370	205
BM650	2,210,000	63.0	102.0	79.0	212.0	82.5	75.0	18.0	4"	10365	465	265
BM800	2,730,000	63.0	102.0	79.0	212.0	100.0	75.0	18.0	4"	11465	585	326
BM950	3,240,000	63.0	102.0	79.0	212.0	118.0	75.0	18.0	4"	12790	700	388
BM1300	4,430,000	81.0	126.5	103.5	264.5	119.0	102.5	22.0	5"	17640	1140	529
BM1650	5,620,000	81.0	126.5	103.5	264.5	139.0	102.5	22.0	5"	22050	1325	683
BM2000	6,800,000	81.0	126.5	103.5	264.5	158.5	102.5	22.0	5"	26455	1510	827

All measurements (A-H) are in inches, others are as listed.

*-N1/N2-Supply/Return flange sizes-Inches

**.-Approximate Consumption-
Will depend on wood type and moisture

Other quantities are as listed.

WOOD MASTER®



For more information, including technical specifications of individual models, contact WoodMaster at 800-932-3629 or visit WoodMaster.com.

Proudly made in the USA. 