WOODMASTER COMMERCIAL SERIES
MAXIMIZE YOUR HEATING EFFORTS

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 COMMERCIAL 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
- ASME H-Stamp certified and registered with the National Board of Boiler and Pressure Vessel Inspectors

WOODMASTER NOVAREG CONTROL PANEL

NovaReg is a PLC-based control panel for bio fuel plants that includes 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

- Continuous O2 trim with Lambda sensor (O2 sensor)
- NovaReg is designed and certified to UL-508A and ok for the Canadian market
- NovaReg is designed and built to comply to NFPA 70
- NovaReg can easy communicate with BacNet, LonWorks and other protocols
- WoodMaster and NovaReg are designed and constructed to follow NFPA 85 and CSD-1

AVAILABLE WOODCHIP AND PELLET BOILERS:

WoodMaster Commercial Series

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

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 Commercial Series boilers.

The Commercial Series 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 Commercial 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.
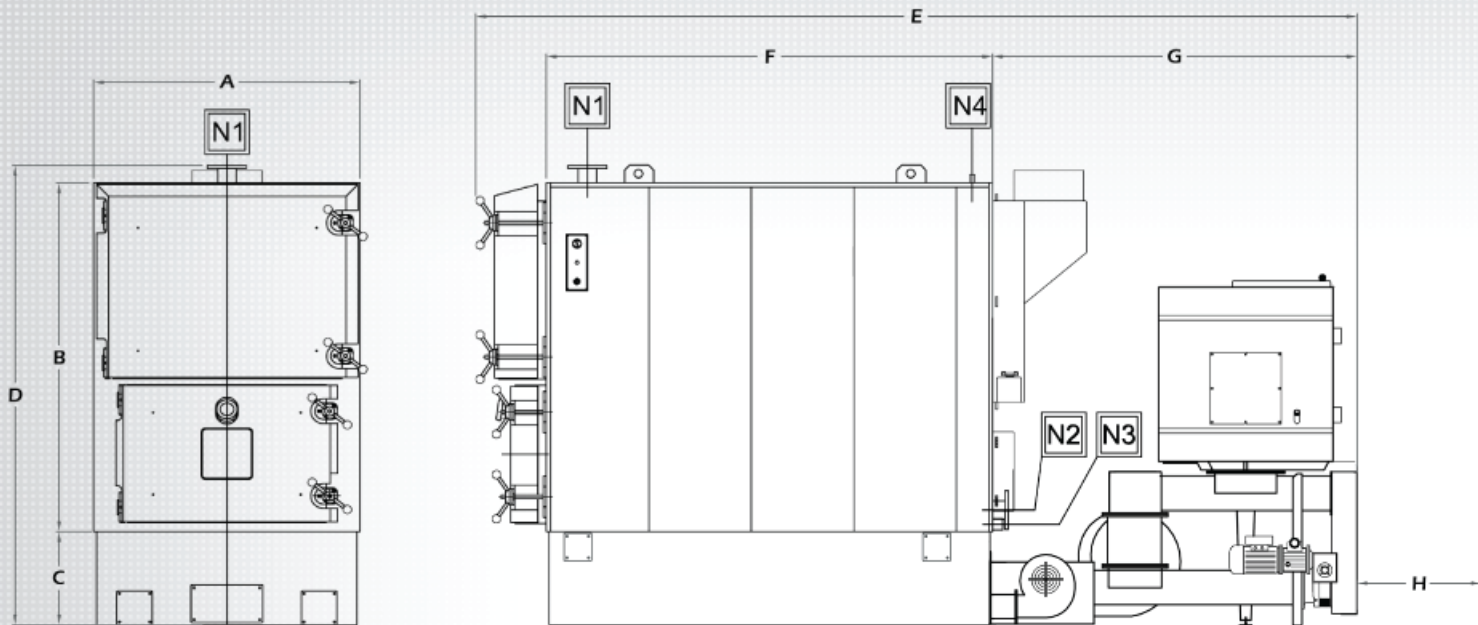
KEEP MONEY IN YOUR POCKET

WoodMaster Commercial 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.

COMMERCIAL SERIES WOODCHIP BOILER TECHNICAL DATA.													
MODEL	BTU/HR OUTPUT	A	B	C	D	E	F	G	H	N1/ N2*	N3**	N4***	LBS	GALLONS
CSA130	440,000	39.4	52.4	13.3	68.5	109.3	38.4	62.9	38.4	2 1/2"	1"	1/2"	2,976	116
CSA180	610,000	39.4	52.4	13.3	68.5	114.4	58.0	56.4	58.0	2 1/2"	1"	1/2"	3,461	156
CSA230	780,000	39.4	52.4	13.3	68.5	114.4	62.0	44.4	62.0	2 1/2"	1"	1/2"	3,968	196
CSA300	1,020,000	51.2	66.9	17.9	88.2	169.3	58.2	97.5	58.2	3"	1"	1/2"	5,512	214
CSA400	1,360,000	51.2	66.9	17.9	88.2	169.3	83.7	83.7	83.7	3"	1"	1/2"	6,283	291
CSA500	1,700,000	51.2	66.9	17.9	88.2	169.3	85.7	69.9	85.7	3"	1"	1/2"	7,055	367
CSA650	2,210,000	63.0	78.7	20.0	102.0	211.6	82.1	114.0	82.1	4"	1 1/2"	1"	11,905	462
CSA800	2,730,000	63.0	78.7	20.0	102.0	211.6	99.8	96.3	99.8	4"	1 1/2"	1"	13,117	581
CSA950	3,240,000	63.0	78.7	20.0	102.0	211.6	117.6	78.6	117.6	4"	1 1/2"	1"	14,330	700
CSA1300	4,430,000	80.7	103.5	22.6	126.4	264.4	118.9	127.2	118.9	5"	1 1/2"	1 1/2"	21,495	1,136
CSA1650	5,620,000	80.7	103.5	22.6	126.4	264.4	138.6	107.5	138.6	5"	1 1/2"	1 1/2"	24,251	1,321
CSA2000	6,800,000	80.7	103.5	22.6	126.4	264.4	158.3	87.8	158.3	5"	1 1/2"	1 1/2"	27,337	1,506

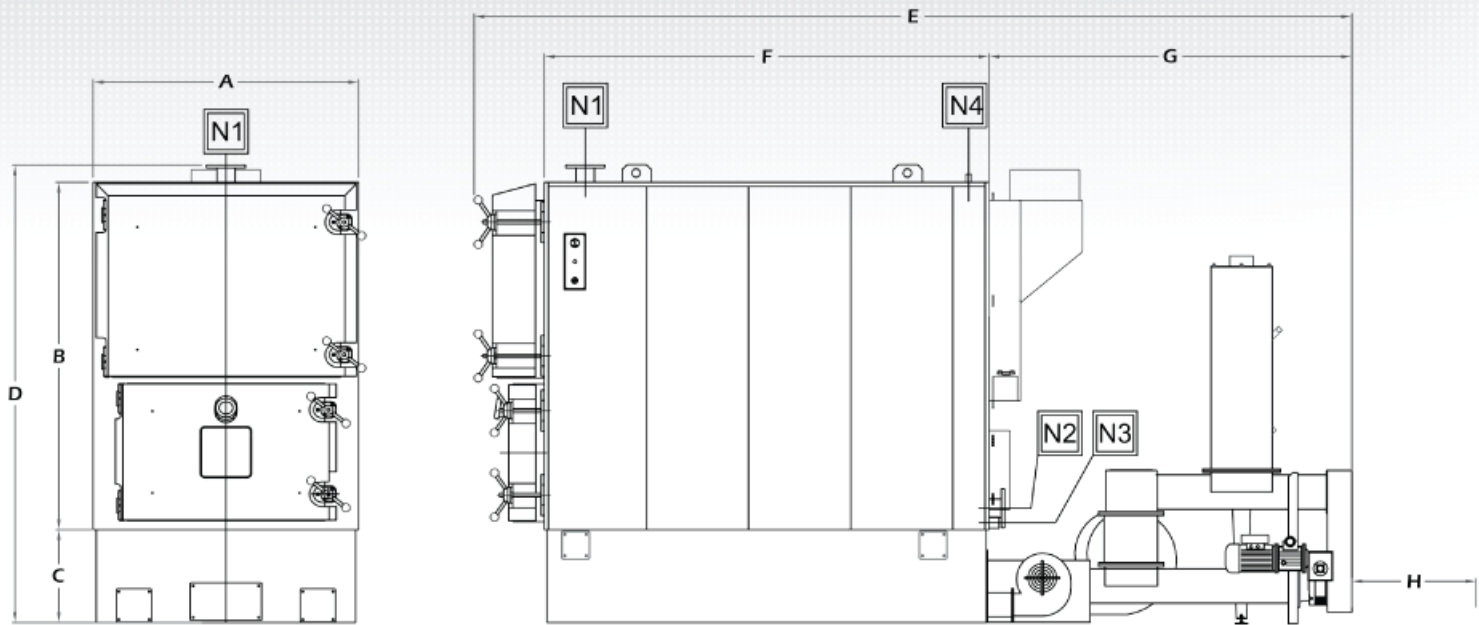All measurements (A-H) are in inches, others are as listed.

All dimensions are approximate and subject to change without notice.

*-N1/N2-Supply/Return flange sizes-Inches
**-N3-Discharge-Inches
***-N4-Emergency Cooling-Inches

Other quantities are as listed.

COMMERCIAL SERIES WOOD PELLET BOILER TECHNICAL DATA.														
MODEL	BTU/HR OUTPUT	A	B	C	D	E	F	G	H	N1/ N2*	N3**	N4***	LBS	GALLONS
CS130	440,000	39.4	52.4	13.3	68.5	109.3	38.4	62.9	38.4	2 1/2"	1"	1/2"	2,734	116
CS180	610,000	39.4	52.4	13.3	68.5	114.4	58.0	56.4	58.0	2 1/2"	1"	1/2"	3,175	156
CS230	780,000	39.4	52.4	13.3	68.5	114.4	62.0	44.4	62.0	2 1/2"	1"	1/2"	3,638	196
CS300	1,020,000	51.2	66.9	17.9	88.2	169.3	58.2	97.5	58.2	3"	1"	1/2"	5,291	214
CS400	1,360,000	51.2	66.9	17.9	88.2	169.3	83.7	83.7	83.7	3"	1"	1/2"	6,283	291
CS500	1,700,000	51.2	66.9	17.9	88.2	169.3	85.7	69.9	85.7	3"	1"	1/2"	7,275	367
CS650	2,210,000	63.0	78.7	20.1	102.0	211.6	82.1	114.0	82.1	4"	1 1/2"	1"	10,362	462
CS800	2,730,000	63.0	78.7	20.1	102.0	211.6	99.8	96.3	99.8	4"	1 1/2"	1"	11,464	581
CS950	3,240,000	63.0	78.7	20.1	102.0	211.6	117.6	78.6	117.6	4"	1 1/2"	1"	12,787	700
CS1300	4,430,000	80.7	103.5	22.6	126.4	264.4	118.9	127.2	118.9	5"	1 1/2"	1 1/2"	17,637	1,136
CS1650	5,620,000	80.7	103.5	22.6	126.4	264.4	138.6	107.5	138.6	5"	1 1/2"	1 1/2"	22,046	1,321
CS2000	6,800,000	80.7	103.5	22.6	126.4	264.4	158.3	87.8	158.3	5"	1 1/2"	1 1/2"	26,455	1,506

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

All dimensions are approximate and subject to change without notice.

*-N1/N2-Supply/Return flange sizes- Inches
**-N3-Discharge-Inches
***-N4-Emergency Cooling-Inches

Other quantities are as listed.

Wood Master®
Commercial Series

ABioNova™ technologies