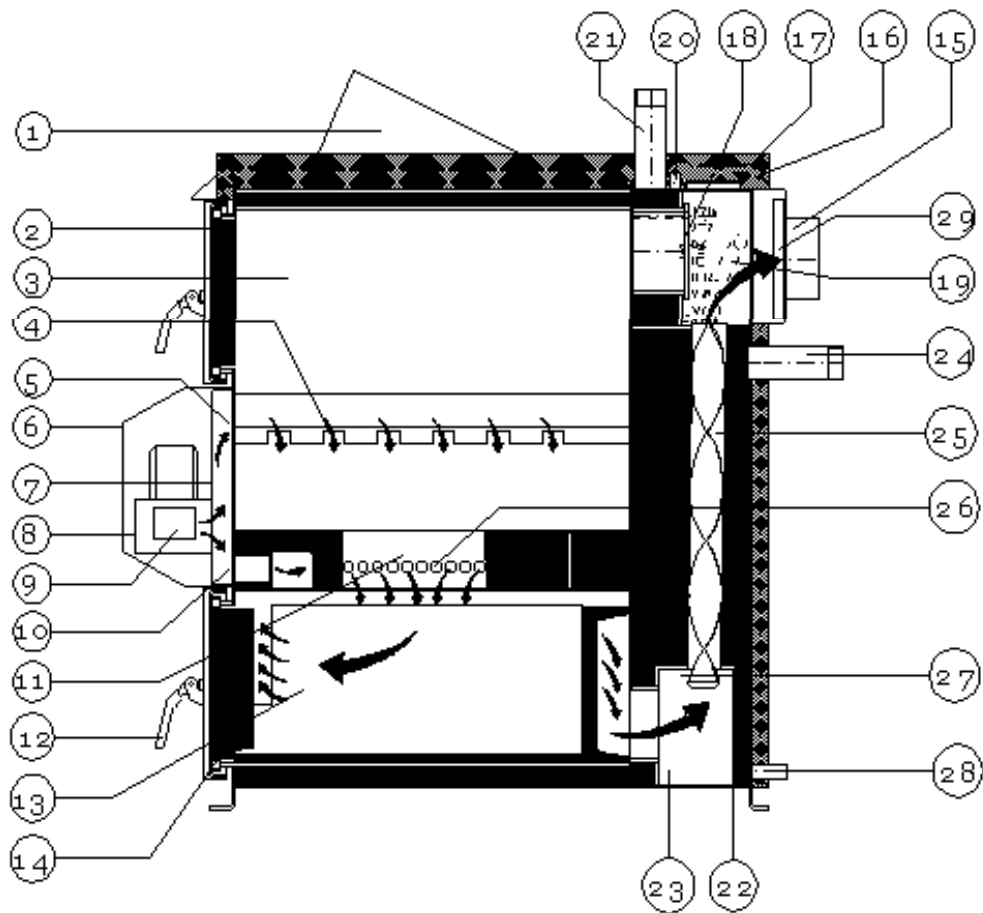


Technical Info
BioMax

Models

		40	60
Rated Power Output	BTU	140	205
European Standard EN 303-5			
Fuel Moisture Level		Cord of Wood – with a maximum of 25% moisture	
Power Range	BTU	50K – 145K BTU	60K – 215K BTU
Efficiency	%	91	91
Possible Fuels		Seasoned Wood, Corn Cobs with Kernels, 50% of Coal, Saw Dust, Wood Chips (50%), any kind of pellets	
Temperature Adjustment Range	°F	130-195	130-195
Total Weight	Lb	1212	1455
Height with Controller Housing	A in	54	54
Height of Hot Water Outlet	B in	53	53
Height of Return Water Pipe	C in	32.4	32.4
Height of Water Drain Valve	D in	2.7	2.7
Height of Flue Pipe	E in	40.5	40.5
Width with Clean-up Lever	F in	33.2	33.2
Depth	H in	38.7	54
Distance of Hot Water Outlet	I in	9.2	9.2
Flue Pipe Size	J in	6"	6"
Hot Water Outlet Pipe Size	G in	2"	2"
Water Return Pipe Size	G in	2"	2"
Drain Pipe Size	G	3/4"	3/4"
Boiler Water Capacity	gal	40	45
Flue Temperature			
-Max power output	°F	340	340
-Min power output	°F	310	310
Size of Loading Chamber			
-depth	in	20.5	30.3
-height	in	24.8	24.8
-width	in	24.8	24.8
Volume of Loading Chamber	gal	40	60
Noise Level	dB	48,7	48,7
Power Consumption	W	80	140
Voltage/Frequency	V/Hz	120ACV/60	120ACV/60



- | | |
|---|-----------------------------------|
| 1. Controller RK 2001 U | 15. Flue Connection 6" |
| 2. Upper Door | 16. Clean-up Access Cover |
| 3. Loading Chamber (gassification) | 17. Clean-up Access |
| 4. Combustion Air Flow (primary) | 18. Chimney Bypass Flap |
| 5. Primary Air Adjustment | 19. Heat Exchanger Clean-up Lever |
| 6. Blower Housing | 20. Overheat Thermostat |
| 7. Air Mixing Box | 21. Hot Water Outlet |
| 8. Blower (for BioMax 60) | 22. Lower Clean-up Access Cover |
| 9. Blower Air Adjustment | 23. Lower Clean-up Access Cover |
| 10. Secondary Air Adjustment | 24. Boiler Water Return |
| 11. Refractory Nozzle | 25. Tubular Heat Exchanger |
| 12. Door Handle | 26. Secondary Air Injection |
| 13. Secondary Burning Chamber (ash pit) | 27. Flue Flow Direction |
| 14. Lower Door | 28. Drain Valve |
| | 29. Draft Blower |