

BioMass Technical Specifications

BioMass		Model 40	Model 60	Model 80
Rated Power Output	BTU	140	205	275
European Standard EN 303-5		Yes	Yes	Yes
Fuel Moisture Level		Cord of Wood – with a maximum of 25% moisture		
Power Range	BTU	50K – 145K	60K – 215K	120K - 300K
Efficiency	%	91	91	91
Possible Fuels		Seasoned Wood, Corn Cobs with Kernels, 50% of Coal, Saw Dust, Wood Chips (50%), any kind of		
Temperature Adjustment Range	°F	130-195	130-195	130-195
Total Weight	Lb	1480	1780	2100
Height with Controller Housing	A in	59	59	63
Height of Hot Water Outlet	B in	56	59	62.5
Height of Return Water Pipe	C in	32.6	32.4	36.5
Height of Water Drain Valve	D in	2.7	2.7	2.75
Height of Flue Pipe	E in	46.5	46.5	49.5
Width with Clean-up Lever	F in	31.5	31.5	31.5
Depth	H in	38.5	54.5	58
Distance of Hot Water Outlet	I in	9.5	9.5	14
Flue Pipe Size	J in	6"	6"	6"
Hot Water Outlet Pipe Size	G in	2''	2''	2''
Water Return Pipe Size	G in	2"	2"	2"
Drain Pipe Size	G	3/4''	3/4''	3/4''
Boiler Water Capacity	gal	40	50	68
Flue Temperature				
-Max power output	°F	330	330	350
-Min power output	°F	210	210	210
Size of Loading Chamber				
-depth	in	20.5	30.3	30.75
-height	in	24.8	24.8	34
-width	in	24.8	24.8	24.75
Volume of Loading Chamber	gal	40	60	75
Noise Level	dB	31	31	31
Power Consumption	W	80 (1.4A)	140 (2.2 A)	140 (2.2 A)
Voltage/Frequency	V/Hz	120ACV/60	120ACV/60	120ACV/60