

Biomass Combo Technical Specifications

	Models				
	Unit	25	40	60	80
Rated Power Output	BTU		140	205	275
European Standard EN 303-5		Yes	Yes	Yes	Yes
Fuel Moisture Level		Cord of Wood – with a maximum of 35% moisture			
Power Range	BTU	40-85K BTU	50K – 145K BTU	60K – 215K BTU	120K – 300K BTU
Efficiency	%	91.2	91	91	91
Possible Fuels		Seasoned Wood, Oil, Gas, Briquettes, Corn Cobs with Kernels, 50% of Coal, Saw Dust, Wood Chips (50%), any kind of pellets			
Temperature Adjustment Range	°F	130-195 F	130-195 F	130-195 F	130-195 F
Total Weight	Lb	1190	1480	1780	2100
Height with Controller Housing	A in	74	74	74	77
Height of Hot Water Outlet	B in	56	56	59	62.5
Height of Return Water Pipe	C in	32	32.6	32.4	36.5
Height of Water Drain Valve	D in	2.7	2.7	2.7	2.75
Height of Flue Pipe	E in	46.5	46.5	46.5	49.5
Width with Clean-up Lever	F in	25	31.5	31.5	31.5
Depth	H in	39	39	54.5	59
Distance of Hot Water Outlet	I in	9.5	9.5	9.5	14
Flue Pipe Size	J in	6"	6"	6"	8"
Hot Water Outlet Pipe Size	G in	2"	2"	2"	2"
Water Return Pipe Size	G in	2"	2"	2"	2"
Drain Pipe Size	G	¾"	¾"	¾"	¾"
Boiler Water Capacity	gal	33	40	50	68
Flue Temperature					
-Max power output	°F	320	330	330	350
-Min power output	°F	195	210	210	210
Size of Loading Chamber					
-depth	in	19"	20.5	30.3	30.75
-height	in	28"	24.8	24.8	34

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-width	in	18.5"	24.8	24.8	24.75
Volume of Loading Chamber	gal		40	60	75
Noise Level	dB	30	31	31	31
Power Consumption	W	80W (1.4A)	80 (1.4 A)	140 (2.2 A)	140 (2.2A)
Voltage/Frequency	V/Hz	120V/60Hz	120V/60	120V/60	120V/60