Vigas Model 60kw with AK 4000 Lambda Controller		
Technical Data Sheet		
Nominal Boiler Output		205,000 BTU
Boiler Class According to EN 303-5		
Maximum Operating Pressure		Bar (3 Bar=43 PSI) 3
Fuel		Maximum Wood Moisture 15-20%
Output BTU Capacity		51k-245k
Fuel consumption w/nominal output	Pounds per hour	41.8
Chimney draught	Inches of H2O	.08-.14
Weight	Lbs.	1676
Height w/regulator	Inches	55.90"
Height of Exhaust branch	Inches	55.12"
Height of Inlet Branch	Inches	8.46"
Height of feed/water valve	Inches	5.31"
Height of chimney neck	Inches	46.02"
Width including rod	Inches	30.90" including chimney damper
Width including shell	Inches	29.22" width casing
Depth	Inches	49.60" with fan
Exhaust	Inches	20.47" exit hot air
Diameter OD Draught Neck	Inches	7.87" ascension throat diameter
Dimension from edge of Boiler	Inches	34.64"
Spacing of feed pipes	Inches	2.76"
Diameter of Inlet Port	Inches	2"
Diameter of Exhaust Port	Inches	2"
Diameter of Feed Water Valve	Inches	¾"
Volume of Water	Gallons	47.55
Gas Temperature With Nominal Output With Minimal Output	°F °F	464° 302°
Dimensions of Fuel Chamber		
Depth	Inches	29.52"
Width	Inches	22.63"
Height	Inches	29.52"
Max Weight of Fuel	Lbs.	176 lbs.
Fuel Chamber Capacity	Ft^3	11.12
Dimensions of Gasification Chamber		
Gas Chamber (W)	Inches	22.63"
Gas Chamber (H)	Inches	12.51"
Noise	Decibel (dB)	51.4
Max Electric Output	W	140
Voltage Frequency	V/Hz	120 Volts AC/60 Hz
Pressure Loss of Water ΔT 50° F ΔT 68° F	Feet of head	.42' .10'
Time of burning with Nominal Output	Hours	4.2
Cooling exchanger of heat Temperature of inlet water Pressure of inlet water	°F PSI	39°-59° F Min 14 PSI-Max 58 PSI
Safety		Release valve Honeywell TS 130 ¾" for safety exchanger against overheating. Opening temperature 203°F.
Weight flow of gases	Kg/s	0.034-0.047