

## 1 Characteristics of the appliances (wood logs)

Type	--	EKO WOOD 21	EKO WOOD 37
Fuel	--	Wood logs (A) – Wood logs acc. to EN ISO 17225-5	
Heat output	--	Nominal heat output	
Fuel throughput	kg/h	5,4	9,2
Total heating output	kW	--	--
Space heating output	kW	--	--
Water heating output	kW	21,0	37,0
CO emission based on 10% O <sub>2</sub>	Vol.-%	0,012	0,016
CO emission based on 10% O <sub>2</sub>	mg/m <sup>3</sup>	202,1	274,4
CO emission – referred to fuel	mg/MJ	98,4	135,2
OGC emission based on 10% O <sub>2</sub> (Total C)	mg/m <sup>3</sup>	10,2	12,2
OGC emission – referred to fuel (Total C)	mg/MJ	5,5	6,8
NO <sub>x</sub> emission based on 10% O <sub>2</sub> (indicated as NO <sub>2</sub> )	mg/m <sup>3</sup>	199,1	199,3
NO <sub>x</sub> emission – referred to fuel (indicated as NO <sub>2</sub> )	mg/MJ	96,8	98,2
PM (Dust) emission based on 10 % O <sub>2</sub>	mg/m <sup>3</sup>	18,9	17,6
PM (Dust) emission – referred to fuel	mg/MJ	9,3	8,6
Boiler efficiency	%	89,3	90,5
CO <sub>2</sub> content in exhaust gas	Vol.-%	12,09	13,91
Temperature of flue spigot or socket	°C	167,9	180,0
Necessary flue draught	Pa	10,5	10,0
Flue gas mass flow	g/s	12,69	19,03
Boiler class	--	5	5
Maximum power consumption at rated heat output	W	33	52
Maximum power consumption at standby operation	W	6	6