

Model		OPTIMA	
Types		OPTIMA 18	OPTIMA 24
Description of boiler		Welded steel boiler for wood logs with two stage pyrolytic combustion principle	
Fuels		Wood logs	
Output	kW	18	24
Net weight	kg	274	290
Water content	lt	74	81
Total heating surface	m ²	2,30	2,70
Fuel container volume	dm ³	65,0	70,0
Maximum wood log length	cm	33,0	
Fuel loading clearance (H x W)	mm	210x325	210x325
Flue gas temperature	C	< 150	
Required draft at chimney OPTIMA S	Pa	20,0	25,0
Required draft at chimney OPTIMA F	Pa	12,00	12,00
Temperature control range	C	50 - 90	
Maximum operating temperature	C	100	
Minimum return temperature	C	50 (recommended)	
Safety system activated at	C	95 (when used with cooling loop and safet thermostat)	
Maximum operating pressure	bar	2,5	
Water flow/return connections (F/R)	R	1 1/2"	
Cooling loop connections (HE)	R	1 1/2"	
Filling / draining connection (FD)	R	1/2"	
External dimensions			
	H	mm	1220
	H1	mm	210
	H2	mm	270
	W	mm	460
	L	mm	930
	L1	mm	700
	L2	mm	645
	D	mm	160
Electrical supply (OPTIMA F)		230 V / 50 Hz	
Power consumption (OPTIMA F)	W	65	

Fuel type		Wood logs
Combustion period at max load	h	Up to 8 hours
Requested fuel parameters		Allowable water content 12 - 20%
		Average calorific value > 16 MJ/kg
Allowable wood log size		Diameter between 7 cm - 15 cm

