



Kratki.pl Marek Bal
ul. W. Gombrowicza 4, Wsola
26-660 Jedlińsk, Poland

ECODESIGN Declaration

BAL EKO 18

Solid fuel boiler with feeder biomass

manufactured by:

Kratki.pl Marek Bal
26-660 Wsola/Jedlińsk, ul. Gombrowicza 4

Solid fuel boiler **BAL EKO 18** matches requirements of Commission Regulation (EU) 2015/1189 of 24 April 2015 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for solid fuel boilers

Parameter	Symbol	Value	Unit	Ecodesign Requirements
Seasonal space heating energy efficiency	η_s	79	%	≥ 75 for boilers with nominal heating power ≤ 20 kW ≥ 77 for boilers with nominal heating power > 20 kW

	Parameter		Parameter		Parameter			Emission			
	Heat generated		Efficiency		Electric energy consumption						
	at nominal power output	at 30% nominal power output	at nominal power output	at 30% nominal power output	at nominal power output	at 30% nominal power output	stand-by mode	PM	OGC	CO	NO _x
Symbol	P_n	P_p	η_n	η_p	e_{lmax}	e_{lmin}	P_{SB}	$E_s PM$	$E_s OGC$	$E_s CO$	$E_s NO_x$
Value	18,1	5,4	91,2	91,0	0,070	0,038	0,005	16	7	350	177
Unit	kW	kW	%	%	kW	kW	kW	mg/m ³	mg/m ³	mg/m ³	mg/m ³
Ecodesign Requirements								≤ 40	≤ 20	≤ 500	≤ 200

Wsola, 02.01.2019
(Place and date)

mgr Bartosz Piechnik
Kierownik
Działu Badawczo Rozwojowego

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Signature (On the behalf of the producer)