

**ECODESIGN REQUIREMENTS FOR SOLID FUEL BOILERS
ACCORDING TO COMMISSION REGULATION (EU) 2015/1189 IMPLEMENTING
DIRECTIVE 2009/125/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL**

Model Identifier(s):	Trade mark Biodom 27	Model(s) C15					
Stoking mode:		Automatic: it is recommended that the boiler be operated with a hot storage tank volume of at least 343 (**) litre					
Condensing boiler:		no					
Solid fuel cogeneration boiler:		no		Combination boiler:		no	
Fuel	Preferred fuel (only one):	Other suitable fuel(s):	η_s [%]:	Seasonal space heating emissions (****)			
				PM	OGC	CO	NO _x
				mg/Nm ³			
Log wood, moisture content ≤ 25 %	no	no					
Chipped wood, moisture content 15-35 %	no	no					
Chipped wood, moisture content > 35 %	no	no					
Compressed wood in the form of pellets or briquettes	yes	no	84	20	6	124	164
Sawdust, moisture content ≤ 50 %	no	no					
Non-woody biomass	no	no					
Bituminous coal	no	no					
Brown coal (including briquettes)	no	no					
Coke	no	no					
Anthracite	no	no					
Blended fossil fuel briquettes	no	no					
Other fossil fuel	no	no					
Blended biomass (30-70 %) / fossil fuel briquettes	no	no					
Other blend of biomass and fossil fuel	no	no					

Characteristics when operating with the preferred fuel only:

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Useful heat output				Useful efficiency			
At rated heat output	P_{nom}	17,1 (***)	kW	At rated heat output	$\eta_{th,nom}$	90,3	%
At [30 %/50 %] of rated heat output, if applicable	P_p	5,0 (***)	kW	At [30 %/50 %] of rated heat output, if applicable	$\eta_{th,min}$	87,2	%
For solid fuel cogeneration boilers: Electrical efficiency				Auxiliary electricity consumption			
At rated heat output	$\eta_{el,n}$	np	%	At rated heat output	el_{max}	0,030	kW
				At [30 %/50 %] of rated heat output, if applicable	el_{min}	0,022	kW
				Of incorporated secondary emission abatement equipment, if applicable		np	kW
				In standby mode	P_{SB}	0,002	kW

Contact details	Name and address of the manufacturer or its authorised representative
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(**) Tank volume = $20 \times P_r$ with P_r indicated in kW

(***) For the preferred fuel P_n equals P_r

(****) PM = particulate matter, OGC = organic gaseous compounds, CO = carbon monoxide, NOx = nitrogen oxides

Note:

F(1)	3,0
F(2)	1,0
F(3)	0,0
Test report nr.	2014777
Extended models	See "Appliances in extension"

Appliances in extension

The manufacturer has not declared any extended models.