



**METAL-FACH**  
HEATING TECHNOLOGY

Product card  
in accordance with Commission Regulation (EU) 2015/1189 of 28 April 2015.

Model ID

SEG PELLETS 15

Fuel feeding method: Automatic fuel feeding: it is recommended to operate the boiler with a domestic hot water tank with a minimum capacity of 300 l.

Condensing boiler: no

Solid fuel cogeneration boiler: no

Multifunction boiler: no

Fuel	Recomm ended fuel	Other suitable fuels	$\eta_s$ [%]	Emissions from seasonal space heating			
				PM	OGC	WHAT	NO <sub>x</sub>
				mg/m <sup>3</sup>			
Glade, humidity ≤ 25%	NO	NO					
Wood chips, moisture 15-35%	NO	NO					
Wood chips, moisture content > 35%	NO	NO					
Pressed wood in the form of pellets or briquettes	Yes	NO	81	36	12	308	197
Sawdust, humidity ≤ 50%	NO	NO					
Other woody biomass	NO	NO					
Non-woody biomass	NO	NO					
Hard coal	NO	NO					
Brown coal (including briquettes)	NO	NO					
Coke	NO	NO					
Anthracite	NO	NO					
Mixed Fossil Fuel Briquettes	NO	NO					
Other Fossil Fuel	NO	NO					
Briquettes made of a mixture (30-70%) of biomass and fossil fuel	NO	NO					
A different mix of biomass and fossil fuel	NO	NO					

**Properties when operated with recommended fuel:**

Parameter	Symbol	Value	Unit	Parameter	Symbol	Value	Unit
Usable heat generated				Usable efficiency			
at rated thermal power	$P_n$	15.4	kW	at rated thermal power	$\eta_n$	83.6	%
respectively at [30% / 50%] of rated thermal output	$P_p$	4.4/NA	kW	respectively at [30% / 50%] of rated thermal power	$\eta_p$	84.7/NA	%
for solid fuel cogeneration boilers: electrical efficiency				<b>Electricity consumption for own needs</b>			
				at rated thermal power	$el_{max}$	0.028	kW
				respectively at [30% / 50%] of rated thermal output	$el_{min}$	0.020/NA	kW
at rated thermal power				secondary emission reduction devices, where applicable		/ a	kW
				in standby mode	$PS_B$	0.003	kW

Contact details

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