



METAL-FACH
HEATING TECHNOLOGY

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

Model ID

SEG PELLETS 20

Fuel feeding method: Automatic fuel feeding: it is recommended to operate the boiler with a domestic hot water tank with a minimum capacity of 400 l.

Condensing boiler: no

Solid fuel cogeneration boiler: no

Multifunction boiler: no

Fuel	Recomm ended fuel	Other suitable fuels	η_s [%]	Emissions from seasonal space heating			
				PM	OGC	WHAT	NO _x
				mg/m ³			
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	78	30	12	417	117
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	20.9	kW	at rated thermal power	η_n	84.0	%
respectively at [30% / 50%] of rated thermal output	P_p	5.9/NA	kW	respectively at [30% / 50%] of rated thermal power	η_p	81.0/NA	%
for solid fuel cogeneration boilers: electrical efficiency				Electricity consumption for own needs			
				at rated thermal power	el_{max}	0.040	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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