

Technical parameters in accordance with Table 4 -Annex V COMMISSION DELEGATED REGULATION (EU) 2015/1187 & Table 1 -Annex II COMMISSION REGULATION (EU) 2015/1189								
Model identifier: Spira 6-26 Wood Pellet Boiler								
Stoking mode: Automatic								
Condensing boiler: yes								
Solid fuel cogeneration boiler: no				Combination boiler: no				
Fuel	Preferred fuel	Other suitable fuel	η_s	Seasonal space heating emissions(****)				
				PM	OGC	CO	NO _x	
				[x] mg/m 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	85	21	0.1	63	155	
Sawdust, moisture content ≤ 50 %	no	no	-	-	-	-	-	
Other woody biomass	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 %) and fossil fuel briquettes	no	no	-	-	-	-	-	
Other blend of biomass and fossil fuel	no	no	-	-	-	-	-	
Characteristics when operating with the preferred fuel only								
Seasonal space heating energy efficiency η_s [%]: 85.5								
Energy efficiency index EEI: 119 %								
Item	Symbol	Value	Unit		Item	Symbol	Value	Unit
Useful heat output					Useful efficiency			
At rated heat output	P_n	26	kW		At rated heat output	η_n	100.2	%
At 30 % of rated heat output, if applicable	P_p	8	kW		At 30 % of rated heat output, if applicable	η_p	99.0	%
For solid fuel cogeneration boilers: Electrical efficiency					Auxiliary electricity consumption			
					At rated heat output	e_{lmax}	0.078	kW
At rated heat output	$\eta_{el,n}$	n/a	%		At 30% of rated heat output, if applicable	e_{lmin}	0.047	kW
					Of incorporated secondary emission abatement equipment, if applicable		n/a	kW
					In standby mode	P_{SB}	0.006	kW
Contact details		Grant Engineering IRL ULC, Crinkle Birr, Co. Offaly Ireland R42 D788						

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