

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	$\eta_s$	Seasonal space heating emissions(****)				
				PM	OGC	CO	NO <sub>x</sub>	
				[x] mg/m <sup>3</sup>				
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	90	25	0.8	110	125	
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	-	-	-	-	-	
<b>Characteristics when operating with the preferred fuel only</b>								
Seasonal space heating energy efficiency $\eta_s$ [%]: 85.5								
Energy efficiency index EEI: 119 %								
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit	
Useful heat output				Useful efficiency				
At rated heat output	$P_n$	36	kW	At rated heat output	$\eta_n$	101	%	
At 30 % of rated heat output, if applicable	$P_p$	9	kW	At 30 % of rated heat output, if applicable	$\eta_p$	100	%	
For solid fuel cogeneration boilers: Electrical efficiency				Auxiliary electricity consumption				
At rated heat output				At rated heat output		$el_{max}$	0.095	kW
				At 30% of rated heat output, if applicable		$el_{min}$	0.051	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<sub>x</sub> = nitrogen oxides