

Model/s:			SSP 20					
Condensing Boiler/s:			Yes					
Low Temperature (**) Boiler/s:			No					
B11 Boiler/s:			No					
Cogeneration Space Heater:			No		Equipped with a supplementary heating system: No			
Combination Heater:			Yes					
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit	
Nominal heat output	P_{rated}	20	kW	Seasonal space heating energy efficiency	η_s	93,760	%	
				Energy efficiency class		A		
<i>For boiler space heaters and boiler combination heaters: Useful heat output</i>				<i>For boiler space heaters and boiler combination heaters: Useful efficiency</i>				
At nominal heat output and high-temperature regime (*)	P_4	19,553	kW	At nominal heat output and high-temperature regime (*)	η_4	88,034	%	
At 30% of nominal heat output and low-temperature regime (**)	P_1	1,967	kW	At 30% of nominal heat output and low-temperature regime (**)	η_1	98,419	%	
<i>Auxiliary electricity consumption</i>				<i>Other items</i>				
At full load	$e_{l_{max}}$	0,080	kW	Standby heat losses	P_{stby}	0,065	kW	
At part load	$e_{l_{min}}$	0,034	kW	Ignition burner energy consumption	P_{ign}	2,952	kW	
In standby mode	P_{sb}	0,004	kW	Sound power level, indoors	L_{WA}	39	dB	
For boiler combination heaters:								
Declared load profile:	XL			Domestic hot water production efficiency		η_{WH}	91,254	%
				Energy efficiency class			A	
Daily electrical power consumption	Q_{elec}	0,191	kWh	Daily gas consumption	Q_{fuel}	20,824	kWh	
Annual electricity consumption	AEC	41,958	kWh	Annual fuel consumption	AFC	16,493	GJ	
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(*) High temperature regime means 60 °C on return and 80 °C on flow.								
(**) Low temperature regime means 30 °C for condensing boilers, 37 °C for low-temperature boilers and 50 °C for for other appliances on return temperature.								