

<b>Model/s:</b>				<b>SSP 28</b>			
<b>Condensing Boiler/s:</b>				Yes			
<b>Low Temperature (**) Boiler/s:</b>				No			
<b>B11 Boiler/s:</b>				No			
<b>Cogeneration Space Heater:</b>				No		<b>Equipped with a supplementary heating system:</b> No	
<b>Combination Heater:</b>				Yes			
<b>Item</b>	<b>Symbol</b>	<b>Value</b>	<b>Unit</b>	<b>Item</b>	<b>Symbol</b>	<b>Value</b>	<b>Unit</b>
Nominal heat output	$P_{rated}$	28	kW	Seasonal space heating energy efficiency	$\eta_s$	93,789	%
				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 (*)	$P_4$	27,354	kW	At nominal heat output and high-temperature regime (*)	$\eta_4$	87,971	%
At 30% of nominal heat output and low-temperature regime (**)	$P_1$	2,755	kW	At 30% of nominal heat output and low-temperature regime (**)	$\eta_1$	98,435	%
<i>Auxiliary electricity consumption</i>				<i>Other items</i>			
At full load	$e_{l_{max}}$	0,084	kW	Standby heat losses	$P_{stby}$	0,061	kW
At part load	$e_{l_{min}}$	0,036	kW	Ignition burner energy consumption	$P_{ign}$	3,081	kW
In standby mode	$P_{SB}$	0,004	kW	Sound power level, indoors	$L_{WA}$	40	dB
<b>For boiler combination heaters:</b>							
<b>Declared load profile:</b>	<b>XXL</b>			<b>Domestic hot water production efficiency</b>	$\eta_{WH}$	90,309	%
				<b>Energy efficiency class</b>		A	
Daily electrical power consumption	$Q_{elec}$	0,181	kWh	Daily gas consumption	$Q_{fuel}$	26,711	kWh
Annual electricity consumption	AEC	39,761	kWh	Annual fuel consumption	AFC	21,155	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.							