

Model/s:			SUF 28					
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}	25,7	kW	Seasonal space heating energy efficiency	η_s	91,9	%	
				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	25,7	kW	At nominal heat output and high-temperature regime (*)	η_4	88,3	%	
At 30% of nominal heat output and low-temperature regime (**)	P_1	8,5	kW	At 30% of nominal heat output and low-temperature regime (**)	η_1	97,4	%	
<i>Auxiliary electricity consumption</i>				<i>Other items</i>				
At full load	e_{lmax}	0,083	kW	Standby heat losses	P_{stby}	0,062	kW	
At part load	e_{lmin}	0,035	kW	Ignition burner energy consumption	P_{ign}	0,000	kW	
In standby mode	P_{SB}	0,004	kW	Annual energy consumption	Q_{HE}	50	GJ	
				Sound power level, indoors	L_{WA}	54	dB	
				Emissions of nitrogen oxides	NO_x	42,728	mg/kWh	
For boiler combination heaters:								
Declared load profile:		XL		Domestic hot water production efficiency		η_{WH}	85,7	%
				Energy efficiency class			A	
Daily electrical power consumption	Q_{elec}	0,181	kWh	Daily gas consumption	Q_{fuel}	22,619	kWh	
Annual electricity consumption	AEC	39,828	kWh	Annual fuel consumption	AFC	17,915	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.								