

Greenstar 2000

GR2300iW 25 C NG

7736902099

Technical documentation: This document covers information requirements according (EU) No 811/2013, (EU) No 813/2013 as well as (EU) No 2017/1369, specifically Art. 12 (5) regarding: General description of the model, Measured technical parameters of the model

Productdata	Symbol	Unit	7736902099
Declared load profile			XL
Rated heat output	Prated	kW	20
Annual energy consumption (average climate conditions)	Q _{HE}	kWh	-
Annual energy consumption	Q _{HE}	GJ	62
Annual electricity consumption	AEC	kWh	27
Annual fuel consumption	AFC	GJ	17
Seasonal space heating energy efficiency	η _s	%	93
Water heating energy efficiency	η _{wh}	%	84
Sound power level, indoors	L _{WA}	dB	43
Condensing boiler			Yes
Low temperature boiler			No
B1 boiler			No
Cogeneration space heater			No
Combination heater			Yes
Useful heat output			
At rated heat output and high temperature regime	P ₄	kW	20,0
At 30 % of rated heat output and low temperature regime	P ₁	kW	6,7
Useful efficiency			
At rated heat output and high temperature regime	η ₄	%	87,7
At 30 % of rated heat output and low temperature regime	η ₁	%	97,9
Auxiliary electricity consumption			
At full load	elmax	kW	0,028
At part load	elmin	kW	0,011
In standby mode	P _{SB}	kW	0,003
Other items			
Standby heat loss	P _{stby}	kW	0,055
Ignition burner power consumption	P _{ign}	kW	-
Emissions of nitrogen oxides (only gas- or oil fired)	NO _x	mg/kWh	35
Additional data for combination heaters			
Daily electricity consumption (average climate conditions)	Q _{elec}	kWh	0,122
Daily fuel consumption	Q _{fuel}	kWh	21,810



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The energy efficiency given in this data sheet for the product combination may deviate from the energy efficiency after its installation in a building, since this is influenced by other factors such as heat loss in the distribution system and the dimensioning of the products in relation to the size and characteristics of the building.