WORCESTER BOSCH

Greenstar 2000

GR2300iW 30 C NG

7736902100

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	7736902100
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	26
Annual fuel consumption	AFC	GJ	18
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	0,120
Daily fuel consumption	Q_{fuel}	kWh	22,436

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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.