

Model	Wallstar System 12-20 kW
Controller	On/Off Thermostat
Condensing Boiler	Yes
Low-temperature Boiler	No
B _{II} Boiler	No
Flue Type	C

Item	Symbol	Value	Unit
Rated Heat Output	P_{rated}	20.0	kW

Useful Efficiency

At rated heat output and high-temperature regime	η_4	90.31	%
At 30% of rated heat output and low-temperature regime	η_1	96.81	%

Useful Heat Output

At rated heat output and high-temperature regime	P_4	20.000	kW
At 30% of rated heat output and low-temperature regime	P_1	6.000	kW

Auxiliary Electrical Consumption

At full load	eI_{MAX}	0.130	kW
At part load	eI_{MIN}	0.044	kW
In standby mode	P_{SB}	0.0000	kW

Other Items

Standby heat loss	P_{STBY}	0.066	kW
Seasonal space heating efficiency	η_s	91.00	%
ErP Efficiency Class		A	
Sound power level indoors	L_{WA}	49	dB
Emission of nitrogen oxides NO _x		51	mg/kWh
Annual energy consumption	Q_{HE}	63.4	GJ

Ecodesign Data

Parameters relevant to Commission regulation (EU) No 813/2013 implementing directive 2009/12/EEC

