

Model	FS1 12-16kW
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}	16.0	kW

Useful Efficiency

At rated heat output and high-temperature regime	η_4	89.30	%
At 30% of rated heat output and low-temperature regime	η_1	93.93	%

Useful Heat Output

At rated heat output and high-temperature regime	P_4	16,000	kW
At 30% of rated heat output and low-temperature regime	P_1	4,800	kW

Auxiliary Electrical Consumption

At full load	eI_{MAX}	0.138	kW
At part load	eI_{MIN}	0.042	kW
In standby mode	P_{SB}	0.0000	kW

Other Items

Standby heat loss	P_{STBY}	0.086	kW
Seasonal space heating efficiency	η_s	88.00	%
ErP Efficiency Class		B	
Sound power level indoors	L_{WA}	**	dB
Emission of nitrogen oxides NO _x		79	mg/kWh
Annual energy consumption	Q_{HF}	52.5	GJ

Ecodesign Data

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

