

## Greenstar

12i System ErP

7733600010

The information provided fulfills the requirements of regulations (EU) 811/2013 and (EU) 813/2013.

Productdata	Symbol	Unit	7733600010
Energy Efficiency Class			A
Rated heat output	Prated	kW	12
Seasonal space heating energy efficiency	$\eta_s$	%	94
Annual energy consumption (average climate conditions)	$Q_{HE}$	kWh	-
Annual energy consumption	$Q_{HE}$	GJ	37
Sound power level, indoors	$L_{WA}$	dB	52
Special precautions to be taken during assembly, installation or maintenance (if applicable)	see product accompanying documents		
Condensing boiler			Yes
Low temperature boiler			No
B1 boiler			No
Cogeneration space heater			No
Combination heater			No
<b>Useful heat output</b>			
At rated heat output and high temperature regime	$P_4$	kW	12,0
At 30 % of rated heat output and low temperature regime	$P_1$	kW	4,1
<b>Useful efficiency</b>			
At rated heat output and high temperature regime	$\eta_4$	%	88,2
At 30 % of rated heat output and low temperature regime	$\eta_1$	%	99,5
<b>Auxiliary electricity consumption</b>			
At full load	$e_{lmax}$	kW	0,038
At part load	$e_{lmin}$	kW	0,014
In standby mode	$P_{SB}$	kW	0,002
<b>Other items</b>			
Standby heat loss	$P_{stby}$	kW	0,058
Ignition burner power consumption	$P_{ign}$	kW	-
Emissions of nitrogen oxides (only gas- or oil fired)	$NO_x$	mg/kWh	41

Specific precautions for installation, maintenance as well as recycling and/or disposal are provided within the installation and operating manuals. Read and follow the installation and operating manuals.