

## Greenstar

Highflow 440CDi ErP LPG

7731600099

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

Productdata	Symbol	Unit	7731600099
Declared load profile			XL
Energy Efficiency Class			A
Water heating energy efficiency class			B
Rated heat output	Prated	kW	30
Annual energy consumption (average climate conditions)	Q <sub>HE</sub>	kWh	-
Annual energy consumption	Q <sub>HE</sub>	GJ	91
Annual electricity consumption	AEC	kWh	77
Annual fuel consumption	AFC	GJ	22
Seasonal space heating energy efficiency	η <sub>s</sub>	%	92
Water heating energy efficiency	η <sub>wh</sub>	%	72
Sound power level, indoors	L <sub>WA</sub>	dB	53
Indication about ability working only during off-peak hours			No
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			Yes
<b>Useful heat output</b>			
At rated heat output and high temperature regime	P <sub>4</sub>	kW	29,6
At 30 % of rated heat output and low temperature regime	P <sub>1</sub>	kW	9,6
<b>Useful efficiency</b>			
At rated heat output and high temperature regime	η <sub>4</sub>	%	88,5
At 30 % of rated heat output and low temperature regime	η <sub>1</sub>	%	97,1
<b>Auxiliary electricity consumption</b>			
At full load	e <sub>lmax</sub>	kW	0,041
At part load	e <sub>lmin</sub>	kW	0,018
In standby mode	P <sub>SB</sub>	kW	0,004
<b>Other items</b>			
Standby heat loss	P <sub>stby</sub>	kW	0,053
Ignition burner power consumption	P <sub>ign</sub>	kW	-
Emissions of nitrogen oxides (only gas- or oil fired)	NO <sub>x</sub>	mg/kWh	23
<b>Additional data for combination heaters</b>			
Daily electricity consumption (average climate conditions)	Q <sub>elec</sub>	kWh	0,350
Daily fuel consumption	Q <sub>fuel</sub>	kWh	27,356

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.