

Product datasheet on energy consumption

Greenstar

Highflow 440CDi ErP

7738100589

The following product data complies with the requirements of EU Regulations 811/2013, 812/2013, 813/2013 and 814/2013 as supplement to the Directive 2010/30/EU.

Productdata	Symbol	Unit	7738100589
Condensing boiler			Yes
Combination heater			Yes
Rated heat output	Prated	kW	30
Seasonal space heating energy efficiency	η_s	%	92
Energy Efficiency Class			A
Useful heat output			
At rated heat output and high temperature regime	P_4	kW	29,6
At 30 % of rated heat output and low temperature regime	P_1	kW	9,6
Useful efficiency			
At rated heat output and high temperature regime	η_4	%	88,5
At 30 % of rated heat output and low temperature regime	η_1	%	97,1
Auxiliary electricity consumption			
At full load	elmax	kW	0,041
At part load	elmin	kW	0,018
In standby mode	P_{SB}	kW	0,004
Other items			
Standby heat loss	P_{stby}	kW	0,053
Ignition burner power consumption	P_{ign}	kW	0,000
Emissions of nitrogen oxides (only gas- or oil fired)	NO_x	mg/kWh	23
Sound power level, indoors	L_{WA}	dB	53
Additional data for combination heaters			
Declared load profile			XL
Water heating energy efficiency	η_{wh}	%	72
Water heating energy efficiency class			B
Daily electricity consumption (average climate conditions)	Q_{elec}	kWh	0,350
Annual electricity consumption	AEC	kWh	77
Daily fuel consumption	Q_{fuel}	kWh	27,356
Annual fuel consumption	AFC	GJ	22