

## Product datasheet on energy consumption

Greenstar

38CDi Classic ErP

7738100252

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	7738100252
Condensing boiler			Yes
Combination heater			Yes
Rated heat output	Prated	kW	30
Seasonal space heating energy efficiency	$\eta_s$	%	92
Energy Efficiency Class			A
<b>Useful heat output</b>			
At rated heat output and high temperature regime	$P_4$	kW	30,0
At 30 % of rated heat output and low temperature regime	$P_1$	kW	10,0
<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	$\eta_1$	%	97,5
<b>Auxiliary electricity consumption</b>			
At full load	elmax	kW	0,052
At part load	elmin	kW	0,028
In standby mode	$P_{SB}$	kW	0,004
<b>Other items</b>			
Standby heat loss	$P_{stby}$	kW	0,048
Ignition burner power consumption	$P_{ign}$	kW	0,000
Emissions of nitrogen oxides (only gas- or oil fired)	$NO_x$	mg/kWh	20
Sound power level, indoors	$L_{WA}$	dB	55
<b>Additional data for combination heaters</b>			
Declared load profile			XL
Water heating energy efficiency	$\eta_{wh}$	%	86
Water heating energy efficiency class			A
Daily electricity consumption (average climate conditions)	$Q_{elec}$	kWh	0,171
Annual electricity consumption	AEC	kWh	38
Daily fuel consumption	$Q_{fuel}$	kWh	22,388
Annual fuel consumption	AFC	GJ	18