

## Greenstar

28CDi Compact ErP

7733600054

**Technical documentation:** This document covers information requirements according (EU) No 811/2013, (EU) No 813/2013 as well as (EU) No 2017/1369, specifically Art. 12 (5) regarding: General description of the model, Measured technical parameters of the model

Productdata	Symbol	Unit	7733600054
Declared load profile			XL
Rated heat output	Prated	kW	24
Annual energy consumption (average climate conditions)	Q <sub>HE</sub>	kWh	-
Annual energy consumption	Q <sub>HE</sub>	GJ	73
Annual electricity consumption	AEC	kWh	32
Annual fuel consumption	AFC	GJ	18
Seasonal space heating energy efficiency	η <sub>s</sub>	%	94
Water heating energy efficiency	η <sub>wh</sub>	%	85
Sound power level, indoors	L <sub>WA</sub>	dB	52
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	24,0
At 30 % of rated heat output and low temperature regime	P <sub>1</sub>	kW	8,1
<b>Useful efficiency</b>			
At rated heat output and high temperature regime	η <sub>4</sub>	%	88,8
At 30 % of rated heat output and low temperature regime	η <sub>1</sub>	%	99,5
<b>Auxiliary electricity consumption</b>			
At full load	elmax	kW	0,029
At part load	elmin	kW	0,014
In standby mode	P <sub>SB</sub>	kW	0,001
<b>Other items</b>			
Standby heat loss	P <sub>stby</sub>	kW	0,078
Ignition burner power consumption	P <sub>ign</sub>	kW	-
Emissions of nitrogen oxides (only gas- or oil fired)	NO <sub>x</sub>	mg/kWh	25
<b>Additional data for combination heaters</b>			
Daily electricity consumption (average climate conditions)	Q <sub>elec</sub>	kWh	0,144
Daily fuel consumption	Q <sub>fuel</sub>	kWh	22,951
<b>Equivalent models listing.</b> Equivalence definition is based on (EU) No 2017/1369. The following models have the same technical characteristics relevant for the label (if applicable) and the product information sheet but a different model identifier.			
Equivalent Model			7733600057
Equivalent Model			7733600054P