

Seasonal space heating energy efficiency class	A	Water heating energy efficiency class	-
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Parameter	Symbol	Value	Unit
Rated heat output	Pnominal	50	kW
Useful heat output			
At rated heat output and high-temperature regime (*)	P4	44.2	kW
At 30% of rated heat output and low-temperature regime (**)	P1	16.3	kW
Auxiliary electricity consumption			
At full load	elmax	0,11	W
At part load	elmin	0,03	W
In Stand-by mode	PSB	0,002	W

Parameter	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	92	%
Useful efficiency			
At rated heat output and high-temperature regime (*)	η_4	88.4	%
At 30% of rated heat output and low-temperature regime (**)	η_1	97,80	%
Other parameters			
Stand-by heat loss	Pstby	0,44	W
Pilot flame energy consumption	Pign	0,00	W
Annual energy consumption	QHE	94,30	GJ
Sound power level, indoors	LWA	58,20	dB
Emissions of nitrogen oxides	NOx	38,3	mg/kWh

For combination heaters			
Declared load profile	-		
Daily electricity consumption	Qelec	-	kWh
Annual electricity consumption	AEC	-	kWh

Water heating energy efficiency	η_{wh}	-	%
Daily fuel consumption	Qfuel	-	kWh
Annual fuel consumption	AFC	-	GJ

(*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.
(**) Low temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).