

Gas 110 Eco

Floor Standing Boiler			65	110
Condensing boiler			Yes	Yes
Low-temperature boiler ⁽¹⁾			No	No
B1 boiler			No	No
Cogeneration space heater			No	No
Combination heater			No	No
Rated heat output	P_{rated}	kW	61	107
Useful heat output at nominal heat output and high temperature operation ⁽²⁾	P_4	kW	61.0	107.0
Useful heat output at 30% of rated output and low temperature regime	P_1	kW	20.3	35.4
Seasonal space heating energy efficiency	η_s	%	93	-
Useful efficiency at nominal heat output and high temperature operation ⁽²⁾	η_4	%	88.6	87.5
Useful efficiency at 30% of rated output and low temperature regime	η_1	%	98.1	97
Auxiliary electricity consumption				
Full load	e_{lmax}	kW	0.088	0.213
Part load	e_{lmin}	kW	0.031	0.039
Standby mode	P_{SB}	kW	0.011	0.011
Other items				
Standby heat loss	P_{stby}	kW	0.125	0.131
Ignition burner power consumption	P_{ign}	kW	-	-
Annual energy consumption	Q_{HE}	GJ	189	-
Sound power level, indoors	L_{WA}	dB	49.000	-
Emissions of nitrogen oxides	NO_x	mg/kWh	29	41

⁽¹⁾ Low temperature means 30°C for condensing boilers, 37°C for low temperature boilers and 50°C (at heater inlet) for other heating appliances

⁽²⁾ High temperature operation means 600C return temperature at heater inlet and 800C feed temperature at heater outlet