

## Quinta Pro

Wall Hung Boiler			30	45	65	90	115
Condensing boiler			Yes	Yes	Yes	Yes	Yes
Low-temperature boiler <sup>(1)</sup>			No	No	No	No	No
B1 boiler			No	No	No	No	No
Cogeneration space heater			No	No	No	No	No
Combination heater			No	No	No	No	No
Rated heat output	$P_{rated}$	kW	30	41	62	84	107
Useful heat output at nominal heat output and high temperature operation <sup>(2)</sup>	$P_4$	kW	29.8	40.8	61.5	84.2	107.0
Useful heat output at 30% of rated output and low temperature regime	$P_1$	kW	9.9	13.7	20.5	27.9	35.7
Seasonal space heating energy efficiency	$\eta_s$	%	94	95	94	-	-
Useful efficiency at nominal heat output and high temperature operation <sup>(2)</sup>	$\eta_4$	%	89.5	89.3	89.4	88.2	87.5
Useful efficiency at 30% of rated output and low temperature regime	$\eta_1$	%	99.5	99.6	99.5	97.4	97.3
Auxiliary electricity consumption							
Full load	$e_{lmax}$	kW	0.039	0.068	0.088	0.125	0.199
Part load	$e_{lmin}$	kW	0.018	0.018	0.023	0.020	0.045
Standby mode	$P_{SB}$	kW	0.005	0.005	0.006	0.004	0.007
Other items							
Standby heat loss	$P_{stby}$	kW	0.101	0.101	0.110	0.123	0.123
Ignition burner power consumption	$P_{ign}$	kW	-	-	-	-	-
Annual energy consumption	$Q_{HE}$	GJ	91	124	187	-	-
Sound power level, indoors	$L_{WA}$	dB	46	53	53	60	59
Emissions of nitrogen oxides	$NO_x$	mg/kWh	32	33	29	41	41

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

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