



# ENERG

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## **BIASI** Advance Plus 30S ERP



**52** dB

**30** kW

Model(s):	Advance Plus 30S ERP
Condensing boiler:	Yes
Low-temperature boiler:	No
B1 boiler:	No

Cogeneration space heater: No If yes, equipped with a supplementary heater: -

Combination heater: No

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
<b>Rated heat output</b>	$P_{rated}$	30	kW	<b>Seasonal space heating energy efficiency</b>	$\eta_s$	92	%
For boiler space heaters and boiler combination heaters: Useful heat output				For boiler space heaters and boiler combination heaters: Useful efficiency			
At rated heat output and high-temperature regime (*)	$P_4$	29,5	kW	At rated heat output and high-temperature regime (*)	$\eta_4$	88,4	%
At 30 % of rated heat output and low-temperature regime (**)	$P_1$	9,7	kW	At 30 % of rated heat output and low-temperature regime (**)	$\eta_1$	96,6	%
Auxiliary electricity consumption				Other items			
At full load	$el_{max}$	0,104	kW	Standby heat loss	$P_{stby}$	0,118	kW
At part load	$el_{min}$	0,010	kW	Ignition burner power consumption	$P_{ign}$	-	kW
In standby mode	$P_{SB}$	0,005	kW	Annual energy consumption	$Q_{HE}$	59	GJ
				Sound power level, indoors	$L_{WA}$	52	dB
				Emission of nitrogen oxides	$NO_x$	38	mg/kWh

For combination heaters:

<b>Declared load profile</b>	n.a.			<b>Water heating energy efficiency</b>	$\eta_{wh}$	n.a.	%
Daily electricity consumption	$Q_{elec}$	n.a.	kWh	Daily fuel consumption	$Q_{fuel}$	n.a.	kWh
Annual electricity consumption	AEC	n.a.	kWh	Annual fuel consumption	AFC	n.a.	GJ

Contact details See manual cover

(\*) 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).