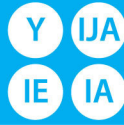


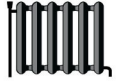


**ENERG**  
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**BIASI**

ADVANCE 30S



**A**



**53 dB**

**28 kW**

2015

811/2013

# TECHNICAL INFORMATION

Model(s):	<b>ADVANCE 30S</b>		
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>	$P_{rated}$	<b>28</b>	<b>kW</b>	<b>Seasonal space heating energy efficiency</b>	$\eta_s$	<b>92</b>	<b>%</b>
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 (*)	$P_4$	28,2	kW	At rated heat output and high-temperature regime (*)	$\eta_4$	87,7	%
At 30% of rated heat output and low-temperature regime (**)	$P_1$	9,3	kW	At 30% of rated heat output and low-temperature regime (**)	$\eta_1$	96,7	%
Auxiliary electricity consumption				Other items			
At full load	$el_{max}$	0,053	kW	Standby heat loss	$P_{sby}$	0,055	kW
At part load	$el_{min}$	0,015	kW	Ignition burner power consumption	$P_{ign}$	-	kW
In standby mode	$P_{sb}$	0,003	kW	Annual energy consumption	$Q_{HE}$	88	GJ
				Sound power level, indoors	$L_{WA}$	53	dB
				Emission of nitrogen oxides	$NO_x$	47	mg/kWh

For combination heaters:

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