



ENERG
енергия · ενέργεια



BIASI

ADVANCE 25S



A



53 dB

24 kW

2015

811/2013

TECHNICAL INFORMATION

Model(s):	ADVANCE 25S		
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
Rated heat output	P_{rated}	24	kW	Seasonal space heating energy efficiency	η_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	24,4	kW	At rated heat output and high-temperature regime (*)	η_4	87,8	%
At 30% of rated heat output and low-temperature regime (**)	P_1	8,1	kW	At 30% of rated heat output and low-temperature regime (**)	η_1	96,7	%
Auxiliary electricity consumption				Other items			
At full load	el_{max}	0,040	kW	Standby heat loss	P_{sby}	0,055	kW
At part load	el_{min}	0,014	kW	Ignition burner power consumption	P_{ign}	-	kW
In standby mode	P_{sb}	0,003	kW	Annual energy consumption	Q_{HE}	76	GJ
				Sound power level, indoors	L_{WA}	53	dB
				Emission of nitrogen oxides	NO_x	43	mg/kWh

For combination heaters:

Declared load profile				Water heating energy efficiency	η_{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).