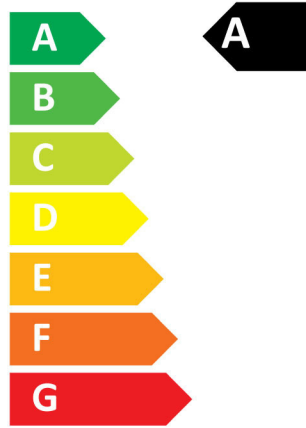
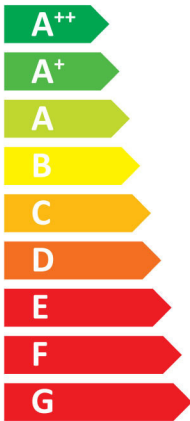




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BIASI

ADVANCE 25C



52 dB

20 kW

2015

811/2013

TECHNICAL INFORMATION

Model(s):	ADVANCE 25C
Condensing boiler:	Yes
Low-temperature boiler (**):	No
B1 boiler:	No
Cogeneration space heater:	No
If yes, equipped with a supplementary heater:	-
Combination heater:	Yes

Item	Symbol	Value	Unit
Rated heat output	P_{rated}	20	kW
For boiler space heaters and boiler combination heaters: Useful heat output			
At rated heat output and high-temperature regime (*)	P_4	20,3	kW
At 30% of rated heat output and low-temperature regime (**)	P_1	6,8	kW
Auxiliary electricity consumption			
At full load	el_{max}	0,036	kW
At part load	el_{min}	0,012	kW
In standby mode	P_{SB}	0,003	kW

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	92	%
For boiler space heaters and boiler combination heaters: Useful efficiency			
At rated heat output and high-temperature regime (*)	η_4	87,0	%
At 30% of rated heat output and low-temperature regime (**)	η_1	96,9	%
Other items			
Standby heat loss	P_{stby}	0,055	kW
Ignition burner power consumption	P_{ign}	-	kW
Annual energy consumption	Q_{HE}	64	GJ
Sound power level, indoors	L_{WA}	52	dB
Emission of nitrogen oxides	NO_x	45	mg/kWh

For combination heaters:

Declared load profile	XL		
Daily electricity consumption	Q_{elec}	0,169	kWh
Annual electricity consumption	AEC	37	kWh

Water heating energy efficiency	η_{wh}	86	%
Daily fuel consumption	Q_{fuel}	22,462	kWh
Annual fuel consumption	AFC	17	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).