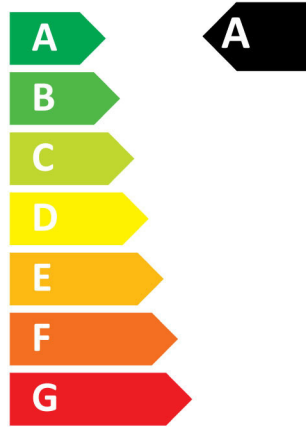
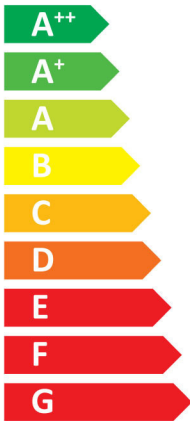
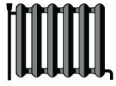




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**BIASI**

ADVANCE 35C



53 dB

28  
kW

2015

811/2013

# TECHNICAL INFORMATION

Model(s):	<b>ADVANCE 35C</b>
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
<b>Rated heat output</b>	$P_{rated}$	<b>28</b>	<b>kW</b>
For boiler space heaters and boiler combination heaters: Useful heat output			
At rated heat output and high-temperature regime (*)	$P_4$	28,2	kW
At 30% of rated heat output and low-temperature regime (**)	$P_1$	9,3	kW
Auxiliary electricity consumption			
At full load	$el_{max}$	0,053	kW
At part load	$el_{min}$	0,015	kW
In standby mode	$P_{SB}$	0,003	kW

Item	Symbol	Value	Unit
<b>Seasonal space heating energy efficiency</b>	$\eta_s$	<b>92</b>	<b>%</b>
For boiler space heaters and boiler combination heaters: Useful efficiency			
At rated heat output and high-temperature regime (*)	$\eta_4$	87,7	%
At 30% of rated heat output and low-temperature regime (**)	$\eta_1$	96,7	%
Other items			
Standby heat loss	$P_{stby}$	0,055	kW
Ignition burner power consumption	$P_{ign}$	-	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>	XXL		
Daily electricity consumption	$Q_{elec}$	0,228	kWh
Annual electricity consumption	AEC	50	kWh

<b>Water heating energy efficiency</b>	$\eta_{wh}$	85	%
Daily fuel consumption	$Q_{fuel}$	28,434	kWh
Annual fuel consumption	AFC	22	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).