

Model(s): RHOB12AAV1H							
Condensing boiler:							
Low-temperature (2) boiler:							
B11 boiler:							
Cogeneration space heater:				If yes, equipped with a supplementary heater: No			
Combination heater:							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output	P_{rated}	12	kW	Seasonal space heating energy efficiency	η_s	93	%
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 (1)	P_4		kW (4) If C_{dh} is not determined by measurement then the default degradation coefficient is $C_{dh} = 0,9$.	At rated heat output and high-temperature regime (1)	η_4		%
At 30 % of rated heat output and low-temperature regime (2)	P_1		kW	At 30 % of rated heat output and low-temperature regime (2)	η_1		%
For cogeneration space heaters: Useful heat output				For cogeneration space heaters: Useful efficiency			
At rated heat output of cogeneration space heater with supplementary heater disabled	$P_{CHP100+Sup0}$		kW	At rated heat output of cogeneration space heater with supplementary heater disabled	$\eta_{CHP100+Sup0}$		%
At rated heat output of cogeneration space heater with supplementary heater enabled	$P_{CHP100+Sup100}$		kW	At rated heat output of cogeneration space heater with supplementary heater enabled	$\eta_{CHP100+Sup100}$		%
For cogeneration space heaters: Electrical efficiency				Supplementary heater			
At rated heat output of cogeneration space heater with supplementary heater disabled	$\eta_{el,CHP100+Sup0}$		%	Rated heat output	P_{sup}		kW
At rated heat output of cogeneration space heater with supplementary heater enabled	$\eta_{el,CHP100+Sup100}$		%	Type of energy input			
Auxiliary electricity consumption				Other items			
At full load	el_{max}		kW	Standby heat loss	P_{stby}		kW
At part load	el_{min}		kW	Ignition burner power consumption	P_{ign}		kW
In standby mode	P_{SB}		kW	Annual energy consumption	Q_{HE}		kWh or GJ
For combination heaters:				Sound power level, indoors	L_{WA}	50	dB
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

(1) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.

(2) 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).