

Model(s): RHOB18AAV1H							
Condensing boiler:							
Low-temperature (2) boiler:							
B11 boiler:							
Cogeneration space heater:				If yes, equipped with a supplementary heater: No			
Combination heater:							
<b>Item</b>	<b>Symbol</b>	<b>Value</b>	<b>Unit</b>	<b>Item</b>	<b>Symbol</b>	<b>Value</b>	<b>Unit</b>
<b>Rated heat output</b>	$P_{rated}$	18	kW	<b>Seasonal space heating energy efficiency</b>	$\eta_s$	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)	$\eta_4$		%
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)	$\eta_1$		%
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	$L_{WA}$	45	dB
<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

(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).