

Product Information

as required by EU regulations No 811/2013 and No 813/2013

Product Fiche (according to EU regulation No 811/2013)

(a) Supplier's name or trademark	<i>Vaillant</i>				
(b) Supplier's model identifier	<i>VUW GB 246/5-3 A</i>				
(c) Space heating: medium temperature application	<i>yes</i>	Water heating: declared load profile			<i>XL</i>
(d) Seasonal space heating energy efficiency class	<i>A</i>	Water heating energy efficiency class			<i>A</i>
(e) Rated heat output, including the rated heat output of any supplementary heater	<i>19</i>	<i>kW</i>			
(f) Space heating: annual energy consumption	<i>16308</i>	<i>kWh</i>	and/ or	<i>59</i>	<i>GJ</i>
Water heating: annual electricity and/ or fuel consumption	<i>53</i>	<i>kWh</i>	and/ or	<i>17</i>	<i>GJ</i>
(g) Seasonal space heating energy efficiency	<i>93</i>	<i>%</i>	Water heating energy efficiency	<i>85</i>	<i>%</i>
(h) Sound power level, indoors	<i>49</i>	<i>dB(A)</i>			
(i) Combination heater is able to work only during off-peak hours	<i>no</i>				
(j) Specific precautions for assembly, installation and maintenance	All specific precautions for assembly, installation and maintenance are described in the operating and installation instructions. Read and follow the operating and installation instructions.				

Product Information Requirements (according to EU regulation No 813/2013)

Model	VUW GB 246/5-3 A		
condensing boiler	yes		
low temperature boiler**	yes		
B1 boiler	no		
Cogeneration space heater	no	If yes, equipped with a supplementary heater	-
Combination heater	yes		

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output	P_{rated}	19	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 (*)	P_4	18.9	kW	At rated heat output and high-temperature regime (*)	η_4	88.4	%
At 30 % of rated heat output and low-temperature regime (**)	P_1	6.2	kW	At 30 % of rated heat output and low-temperature regime (**)	η_1	97.7	%
Supplementary heater				Supplementary heater			
Rated heat output		P_{sup}	0.0	kW			
Type of energy input		no value					

Auxiliary electricity consumption				Other items			
At full load	e_{lmax}	0.032	kW	Standby heat loss	P_{stby}	0.061	kW
At part load	e_{lmin}	0.015	kW	Ignition burner power consumption	P_{ign}	0.000	kW
In standby mode	P_{SB}	0.002	kW	Emission of nitrogen oxides	NO_x	27	mg/kWh

For combination heaters:

Declared load profile	XL			Water heating energy efficiency	η_{wh}	85	%
Daily electricity consumption	Q_{elec}	0.247	kWh	Daily fuel consumption	Q_{fuel}	22.736	kWh

Contact details	Vaillant, Vaillant GmbH Berghauser Str. 4042859 Remscheid Germany
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(*) 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).

Specific precautions that shall be taken when the space heater is assembled, installed or maintained/ information relevant for disassembly, recycling and/or disposal at end-of-life

All specific precautions for assembly, installation and maintenance and information relevant for disassembly, recycling and/or disposal at end-of-life are described in the operating and installation instructions. Read and follow the operating and installation instructions.

For type B1 boiler and type B1 combination boiler:

This natural draught boiler is intended to be connected only to a flue shared between multiple dwellings in existing buildings that evacuates the residues of combustion to the outside of the room containing the boiler. It draws the combustion air directly from the room and incorporates a draught diverter. Due to lower efficiency, any other use of this boiler shall be avoided and would result in higher energy consumption and higher operating costs.