

## 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 306/5-3 (30)</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>24</i>	<i>kW</i>			
(f) Space heating: annual energy consumption	<i>20999</i>	<i>kWh</i>	and/ or	<i>76</i>	<i>GJ</i>
Water heating: annual electricity and/ or fuel consumption	<i>32</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 306/5-3 (30)		
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
<b>Rated heat output</b>	$P_{rated}$	24	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 (*)	$P_4$	24.4	kW	At rated heat output and high-temperature regime (*)	$\eta_4$	88.2	%
At 30 % of rated heat output and low-temperature regime (**)	$P_1$	8.1	kW	At 30 % of rated heat output and low-temperature regime (**)	$\eta_1$	98.0	%
<b>Supplementary heater</b>				<b>Supplementary heater</b>			
Rated heat output				Rated heat output	$P_{sup}$	0.0	kW
Type of energy input		no value					

<b>Auxiliary electricity consumption</b>				<b>Other items</b>			
At full load	$e_{lmax}$	0.038	kW	Standby heat loss	$P_{stby}$	0.045	kW
At part load	$e_{lmin}$	0.013	kW	Ignition burner power consumption	$P_{ign}$	0.000	kW
In standby mode	$P_{SB}$	0.003	kW	Emission of nitrogen oxides	$NO_x$	30	mg/kWh

**For combination heaters:**

<b>Declared load profile</b>	XL			<b>Water heating energy efficiency</b>	$\eta_{wh}$	85	%
Daily electricity consumption	$Q_{elec}$	0.150	kWh	Daily fuel consumption	$Q_{fuel}$	22.929	kWh

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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.