

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>VU GB 246/5-5 A</i> | | | | |
| (c) Seasonal space heating energy efficiency class | <i>A</i> | | | | |
| (d) Rated heat output, including the rated heat output of any supplementary heater | <i>24</i> | <i>kW</i> | | | |
| (e) Seasonal space heating energy efficiency | <i>93</i> | <i>%</i> | | | |
| (f) Annual energy consumption | <i>20942</i> | <i>kWh</i> | and/ or | <i>75</i> | <i>GJ</i> |
| (g) Sound power level, indoors | <i>46</i> | <i>dB(A)</i> | | | |
| (h) 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 | VU GB 246/5-5 A | | |
| condensing boiler | yes | | |
| low temperature boiler** | yes | | |
| B1 boiler | no | | |
| Cogeneration space heater | no | If yes, equipped with a supplementary heater | |
| Combination heater | no | | |

| Item | Symbol | Value | Unit | Item | Symbol | Value | Unit |
|--|-------------|-------|------|---|------------|-------|--------|
| Rated heat output | P_{rated} | 24 | 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 | 24.4 | kW | At rated heat output and high-temperature regime (*) | η_4 | 88.7 | % |
| 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 (**) | η_1 | 98.2 | % |
| Auxiliary electricity consumption | | | | Supplementary heater | | | |
| At full load | el_{max} | 0.031 | kW | Rated heat output | P_{sup} | 0.0 | kW |
| At part load | el_{min} | 0.015 | kW | Type of energy input | no value | | |
| In standby mode | P_{SB} | 0.002 | kW | Other items | | | |
| | | | | Standby heat loss | P_{stby} | 0.032 | kW |
| | | | | Ignition burner power consumption | P_{ign} | 0.000 | kW |
| | | | | Emission of nitrogen oxides | NO_x | 29 | mg/kWh |

| | |
|-----------------|---|
| Contact details | Vaillant, Vaillant GmbHBerghauser Str. 4042859 RemscheidGermany |
|-----------------|---|

(*) 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.