

## 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 186/6-3 OV (H-GB) ecoFIT sustain 418</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>18</i>	<i>kW</i>			
(e) Seasonal space heating energy efficiency	<i>94</i>	<i>%</i>			
(f) Annual energy consumption	<i>8905</i>	<i>kWh</i>	and/ or	<i>32</i>	<i>GJ</i>
(g) Sound power level, indoors	<i>51</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 186/6-3 OV (H-GB) ecoFIT sustain 418		
condensing boiler	yes		
low temperature boiler**	yes		
B1 boiler	no		
Cogeneration space heater		If yes, equipped with a supplementary heater	
Combination heater			

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
<b>Rated heat output</b>	$P_{rated}$	18	kW	<b>Seasonal space heating energy efficiency</b>	$\eta_s$	94	%
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 (*)	$P_4$	18.2	kW	At rated heat output and high-temperature regime (*)	$\eta_4$	89.0	%
At 30 % of rated heat output and low-temperature regime (**)	$P_1$	6.1	kW	At 30 % of rated heat output and low-temperature regime (**)	$\eta_1$	98.9	%
<b>Auxiliary electricity consumption</b>				<b>Supplementary heater</b>			
At full load	$el_{max}$	0.025	kW	Rated heat output	$P_{sup}$	-	kW
At part load	$el_{min}$	0.015	kW	Type of energy input	no value		
In standby mode	$P_{SB}$	0.002	kW	<b>Other items</b>			
				Standby heat loss	$P_{stby}$	0.054	kW
				Ignition burner power consumption	$P_{ign}$	-	kW
				Emission of nitrogen oxides	$NO_x$	39	mg/kWh

Contact details	Vaillant, Vaillant GmbH Berghauser Str. 40 42859 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.