

## 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 256/6-3 (H-GB) ecoFIT sustain 825</i>				
(c) Space heating: medium temperature application		Water heating: declared load profile			XL
(d) Seasonal space heating energy efficiency class	A	Water heating energy efficiency class			A
(e) Rated heat output, including the rated heat output of any supplementary heater	18	kW			
(f) Space heating: annual energy consumption	9087	kWh	and/ or	33	GJ
Water heating: annual electricity and/ or fuel consumption	23	kWh	and/ or	18	GJ
(g) Seasonal space heating energy efficiency	93	%	Water heating energy efficiency	85	%
(h) Sound power level, indoors	49	dB(A)			
(i) Combination heater is able to work only during off-peak hours					
(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 256/6-3 (H-GB) ecoFIT sustain 825		
condensing boiler	yes		
low temperature boiler**	yes		
B1 boiler	no		
Cogeneration space heater		If yes, equipped with a supplementary heater	
Combination heater	yes		

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
<b>Rated heat output</b>	$P_{rated}$	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 (*)	$P_4$	18.3	kW	At rated heat output and high-temperature regime (*)	$\eta_4$	89.7	%
At 30 % of rated heat output and low-temperature regime (**)	$P_1$	6.0	kW	At 30 % of rated heat output and low-temperature regime (**)	$\eta_1$	97.7	%
<b>Supplementary heater</b>				<b>Supplementary heater</b>			
Rated heat output				$P_{sup}$	-	kW	
Type of energy input				no value			

<b>Auxiliary electricity consumption</b>				<b>Other items</b>			
At full load	$e_{lmax}$	0.025	kW	Standby heat loss	$P_{stby}$	0.050	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	$NO_x$	39	mg/kWh

**For combination heaters:**

<b>Declared load profile</b>	XL			<b>Water heating energy efficiency</b>	$\eta_{wh}$	85	%
Daily electricity consumption	$Q_{elec}$	0.105	kWh	Daily fuel consumption	$Q_{fuel}$	23.261	kWh

Contact details	Vaillant, Vaillant GmbH\nBerghauser Str. 40\n42859 Remscheid\nGermany
-----------------	---

(\*) 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.