



Product data sheet (in accordance with EU regulation no. 811/2013)

1	Brand name			Vaillant					
2	Models	I	VWL 75/6 A 230V S2 (55°C)						
		II	VWL 125/6 A 230V S2 (55°C)						
		III	VWL 105/6 A 230V S2 (55°C)						
		IV	-						
		V	-						
		VI	-						

				I	II	III	IV	V	VI
3	Room heating: Seasonal energy-efficiency class			A++	A++	A++	-	-	-
4	Room heating: Nominal heat output(*8) (*11)	P_{rated}	<i>kW</i>	6	12	9	-	-	-
5	Room heating: Seasonal energy efficiency(*8)	η_s	%	133	146	142	-	-	-
6	Qhe average(*8)	Q_{HE}	<i>kWh</i>	3718	6531	5165	-	-	-
7	Sound power level, indoor	$L_{WA indoor}$	<i>dB(A)</i>	-	-	-	-	-	-

8	 All specific precautions for assembly, installation and maintenance are described in the operating and installation instructions. Read and follow the operating and installation instructions.								
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9	Nominal heat output(*9)	P_{rated}	<i>kW</i>	5	11	7	-	-	-
10	Nominal heat output(*10)	P_{rated}	<i>kW</i>	7	11	10	-	-	-
11	Room heating: Seasonal energy efficiency(*9)	η_s	%	118	128	125	-	-	-
12	Room heating: Seasonal energy efficiency(*10)	η_s	%	160	172	173	-	-	-
13	Annual energy consumption(*9)	Q_{HE}	<i>kWh</i>	4398	8339	5691	-	-	-
14	Annual energy consumption(*10)	Q_{HE}	<i>kWh</i>	2164	3378	3141	-	-	-
15	Sound power level, outdoor	$L_{WA outdoor}$	<i>dB(A)</i>	55	60	60	-	-	-

16	 All of the data that is included in the product information was determined by applying the specifications of the relevant European directives. Differences to product information listed elsewhere may result in different test conditions. Only the data that is contained in this product information is applicable and valid.								
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(*8) For average climatic conditions

(*9) For colder climatic conditions

(*10) For warmer climatic conditions

(*11) For boilers and combination boilers with a heat pump, the nominal heat output "Prated" is the same as the design load in heating mode "Pdesignh", and the nominal heat output for an auxiliary boiler "Psup" is the same as the additional heating output "sup(Tj)"



Product information (in accordance with EU regulation no. 813/2013)

1	Brand name	Vaillant	
2	Models	I	VWL 75/6 A 230V S2 (55°C)
		II	VWL 125/6 A 230V S2 (55°C)
		III	VWL 105/6 A 230V S2 (55°C)
		IV	-
		V	-
		VI	-




				I	II	III	IV	V	VI
17	Air/water heat pump			✓	✓	✓	-	-	-
18	Water/water heat pump			-	-	-	-	-	-
19	Brine/water heat pump			-	-	-	-	-	-
20	Low temperature heat pump			-	-	-	-	-	-
21	Equipped with a supplementary heater			-	-	-	-	-	-
22	Combination heater			-	-	-	-	-	-
23	Room heating: Nominal heat output(*11)	P_{rated}	kW	6	12	9	-	-	-
24	Room heating: Seasonal energy efficiency	η_s	%	133	146	142	-	-	-
25	Tj = -7 °C(*6)	$P_{dh -7^\circ}$	kW	5,4	10,5	8,0	-	-	-
26	Tj = +2 °C(*6)	$P_{dh +2^\circ}$	kW	3,5	6,4	4,8	-	-	-
27	Tj = +7 °C(*6)	$P_{dh +7^\circ}$	kW	3,0	5,7	5,4	-	-	-
28	Tj = +12 °C(*6)	$P_{dh +12^\circ}$	kW	3,6	6,6	6,3	-	-	-
29	Tj = Bivalence temperature(*6)	P_{dh}	kW	5,4	10,5	9,0	-	-	-
30	Tj = Operating limit value temperature(*6)	P_{dh}	kW	4,9	9,8	9,0	-	-	-
31	Tj = -15 °C(*6)	$P_{dh -15^\circ}$	kW	-	-	-	-	-	-
32	Bivalence temperature	T_{biv}	°C	-7	-7	-10	-	-	-
33	Output for cyclical interval heating mode	P_{cyc}	kW	-	-	-	-	-	-
34	Degradation coefficient	C_{dh}		0,95	0,96	0,96	-	-	-
35	Tj = -7 °C(*7)	COP_d		2,13	2,10	2,20	-	-	-
36	Tj = +2 °C(*7)	COP_d		3,36	3,73	3,63	-	-	-
37	Tj = +7 °C(*7)	COP_d		4,60	5,26	4,92	-	-	-
38	Tj = +12 °C(*7)	COP_d		6,18	6,64	6,34	-	-	-
39	Tj = Bivalence temperature(*7)	COP_d		2,13	2,10	1,87	-	-	-
40	Tj = Operating limit value temperature(*7)	COP_d		1,88	1,87	1,87	-	-	-
41	Tj = -15 °C(*7)	COP_d		-	-	-	-	-	-
42	Operating limit temperature	TOL	°C	-10	-10	-10	-	-	-
43	Cycling interval efficiency(*7)	COP_{cyc}	%	-	-	-	-	-	-
44	Limit value for the heating water's operating temperature	$WTOL$	°C	70	70	70	-	-	-
45	Power consumption: Off-mode	P_{OFF}	kW	0,008	0,008	0,008	-	-	-
46	Power consumption: "Temperature controller off"	P_{TO}	kW	0,029	0,045	0,045	-	-	-
47	Power consumption: Standby-mode	P_{SB}	kW	0,029	0,045	0,045	-	-	-
48	Power consumption: Operating status with crankcase heating	P_{CK}	kW	0,000	0,000	0,000	-	-	-
49	Nominal heat output for auxiliary heating	P_{sup}	kW	1,3	2,0	0,1	-	-	-
50	Type of energy input for the auxiliary boiler			electric	electric	electric	-	-	-
51	Controlling output under average climate conditions			variable	variable	variable	-	-	-
52	Sound power level, indoor	$L_{WA, indoor}$	dB(A)	-	-	-	-	-	-
53	Sound power level, outdoor	$L_{WA, outdoor}$	dB(A)	55	60	60	-	-	-
54	Nitrogen oxide emissions	NO_x	mg/kWh	-	-	-	-	-	-
55	For air-to-water heat pumps: Rated air flow rate, outdoors		m^3/h	2.120	4.460	4.200	-	-	-
56	For water-/brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger		m^3/h	-	-	-	-	-	-
57	Manufacturer's address	Vaillant GmbH Berghauser Str. 40 42859 Remscheid Germany							
58	Manufacturer	Vaillant							

(*6) Specified output in heating mode for partial load at room-air temperature and outside-air temperature Tj

(*7) Specified coefficient of performance or primary energy ratio for partial load at room-air temperature and outside-air temperature Tj

(*11) For boilers and combination boilers with a heat pump, the nominal heat output "Prated" is the same as the design load in heating mode "Pdesignh", and the nominal heat output for an auxiliary boiler "Psup" is the same as the additional heating output "sup(Tj)"



59	 <p>All specific precautions for assembly, installation and maintenance are described in the operating and installation instructions. Read and follow the operating and installation instructions.</p>
60	 <p>Read and follow the operating and installation instructions regarding assembly, installation, maintenance, removal, recycling and/or disposal.</p>
61	 <p>All of the data that is included in the product information was determined by applying the specifications of the relevant European directives. Differences to product information listed elsewhere may result in different test conditions. Only the data that is contained in this product information is applicable and valid.</p>

(*6) Specified output in heating mode for partial load at room-air temperature and outside-air temperature T_j

(*7) Specified coefficient of performance or primary energy ratio for partial load at room-air temperature and outside-air temperature T_j

(*11) For boilers and combination boilers with a heat pump, the nominal heat output "Prated" is the same as the design load in heating mode "Pdesignh", and the nominal heat output for an auxiliary boiler "Psup" is the same as the additional heating output "sup(T_j)"

