



Product data sheet (in accordance with EU regulation no. 812/2013)


1	Brand name		Vaillant
2	Models	I	aroSTOR VWL BM 200/5
		II	aroSTOR VWL BM 270/5
		III	-
		IV	-
		V	-
		VI	-


			I	II	III	IV	V	VI
3	Hot water generation: Specified load profile		L	L	-	-	-	-
4	Hot water generation: Energy-efficiency class		A+	A+	-	-	-	-
5	Hot water generation: Energy efficiency(*8)	η_{WH}	%	124	125	-	-	-
6	Annual electricity consumption(*8)	<i>AEC average</i>	<i>kWh</i>	826	821	-	-	-
7	Other load profile		-	-	-	-	-	-
8	Hot water generation: Energy efficiency for additional load profile	$\eta_{WH\ additional}$	%	-	-	-	-	-
9	Annual electricity consumption for additional load profile	<i>AEC</i>	<i>kWh</i>	-	-	-	-	-
10	Temperature setting for the temperature controller		°C	55	55	-	-	-
11	Sound power level, indoor	<i>L_{WA indoor}</i>	<i>dB(A)</i>	52	52	-	-	-
12	Option to only operate during low-demand periods.			✓	✓	-	-	-

13  All specific precautions for assembly, installation and maintenance are described in the operating and installation instructions. Read and follow the operating and installation instructions.

14  "smart" value "1": The information on the hot water generation energy efficiency and on the annual power or fuel consumption applies only when the intelligent control system is switched on.

15	Smart factor			-	-	-	-	-	-
16	Hot water generation: Energy efficiency(*9)	η_{WH}	%	114	120	-	-	-	-
17	Hot water generation: Energy efficiency(*10)	η_{WH}	%	144	147	-	-	-	-
18	Annual electricity consumption(*9)	<i>AEC cold</i>	<i>kWh</i>	898	852	-	-	-	-
19	Annual electricity consumption(*10)	<i>AEC warm</i>	<i>kWh</i>	710	696	-	-	-	-
20	Sound power level, outdoor	<i>L_{WA outdoor}</i>	<i>dB(A)</i>	43	43	-	-	-	-
21	Energy-efficiency class for process water for a solar-heated hot water cylinder only.			-	-	-	-	-	-
22	Cylinder volume	<i>V</i>	<i>l</i>	195,8	267,3	-	-	-	-
23	Heat retention losses	<i>S</i>	<i>W</i>	25,0	27,0	-	-	-	-

24  On units with integrated weather compensators, including a room thermostat function that can be activated, the seasonal room-heating efficiency always includes the correction factor for controller technology class VI. The seasonal room-heating efficiency may deviate if this function is deactivated.

25  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.

(*8) For average climatic conditions

(*9) For colder climatic conditions




(*10) For warmer climatic conditions



Product information (in accordance with EU regulation no. 814/2013)

1	Brand name		Vaillant
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		III	-
		IV	-
		V	-
		VI	-

				I	II	III	IV	V	VI
26	Daily electricity consumption	Q_{elec}	<i>kWh</i>	3,900	3,880	-	-	-	-
27	Hot water generation: Specified load profile			L	L	-	-	-	-
28	Sound power level, indoor	$L_{WA, indoor}$	<i>dB(A)</i>	52	52	-	-	-	-
29	Weekly power consumption with an intelligent control system	$Q_{elec, week, smart}$	<i>kWh</i>	-	-	-	-	-	-
30	Weekly power consumption without an intelligent control system	$Q_{elec, week}$	<i>kWh</i>	-	-	-	-	-	-
31	Weekly fuel consumption with an intelligent control system	$Q_{fuel, week, smart}$	<i>kWh</i>	-	-	-	-	-	-
32	Weekly fuel consumption without an intelligent control system	$Q_{fuel, week}$	<i>kWh</i>	-	-	-	-	-	-
33	Cylinder volume	<i>V</i>	<i>l</i>	195,8	267,3	-	-	-	-
34	Volume of mixed water at 40 °C	V_{40}	<i>l</i>	612	694	-	-	-	-
35	Sound power level, outdoor	$L_{WA, outdoor}$	<i>dB(A)</i>	43	43	-	-	-	-
36	Hot water generation: Energy efficiency	η_{WH}	<i>%</i>	124	125	-	-	-	-

37		All specific precautions for assembly, installation and maintenance are described in the operating and installation instructions. Read and follow the operating and installation instructions.							
38		Read and follow the operating and installation instructions regarding assembly, installation, maintenance, removal, recycling and/or disposal.							
39	Heat retention losses	<i>S</i>	<i>W</i>	25,0	27,0	-	-	-	-
40		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.							

