

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

1	Brand name		Vaillant
2	Models	I	MAG 128/1-5 RT(H-IT)
		II	MAG 128/1-5 RT(P-IT)
		III	MAG 158/1-5 RT(H-IT)
		IV	MAG 158/1-5 RT(P-IT)
		V	MAG 178/1-5 RT(H-IT)
		VI	MAG 178/1-5 RT(P-IT)

			I	II	III	IV	V	VI
3	Hot water generation: Specified load profile		M	M	L	L	XL	XL
4	Hot water generation: Energy-efficiency class		A	A	A	A	A	A
5	Hot water generation: Energy efficiency(*8)	η_{WH}	%	77	77	80	80	80
6	Annual fuel consumption(*8)	AFC	GJ	6	6	11	11	19
7	Annual electricity consumption(*8)	AEC	kWh	26	26	27	27	16
8	Other load profile		-	-	-	-	-	-
9	Hot water generation: Energy efficiency for additional load profile	η_{WH} additional	%	-	-	-	-	-
10	Annual fuel consumption for additional load profile	AFC	GJ	-	-	-	-	-
11	Annual electricity consumption for additional load profile	AEC	kWh	-	-	-	-	-
12	Temperature setting for the temperature controller		°C	60	60	60	60	60
13	Sound power level, indoor	L_{WA} indoor	dB(A)	70	70	71	71	74
14	Option to only operate during low-demand periods.		-	-	-	-	-	-

15		All specific precautions for assembly, installation and maintenance are described in the operating and installation instructions. Read and follow the operating and installation instructions.						
16		"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.						
17	Smart factor		-	-	-	-	-	-
18		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.						
19		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



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

1	Brand name		Vaillant
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		III	MAG 158/1-5 RT(H-IT)
		IV	MAG 158/1-5 RT(P-IT)
		V	MAG 178/1-5 RT(H-IT)
		VI	MAG 178/1-5 RT(P-IT)

				I	II	III	IV	V	VI
20	Daily electricity consumption	Q_{elec}	kWh	0,116	0,116	0,121	0,121	0,074	0,074
21	Hot water generation: Specified load profile			M	M	L	L	XL	XL
22	Sound power level, indoor	L_{WA} indoor	$dB(A)$	70	70	71	71	74	74
23	Daily fuel consumption	Q_{fuel} average	kWh	7,776	7,776	15,044	15,044	24,930	24,930
24	Nitrogen oxide emissions	NO_x	mg/kWh	46	54	45	46	46	52
25	Weekly fuel consumption without an intelligent control system	$Q_{fuel, week}$	kWh	-	-	-	-	-	-
26	Weekly fuel consumption with an intelligent control system	$Q_{fuel, week, smart}$	kWh	-	-	-	-	-	-
27	Weekly power consumption with an intelligent control system	$Q_{elec, week, smart}$	kWh	-	-	-	-	-	-
28	Weekly power consumption without an intelligent control system	$Q_{elec, week}$	kWh	-	-	-	-	-	-
29	Hot water generation: Energy efficiency	η_{WH}	%	77	77	80	80	80	80
30	 All specific precautions for assembly, installation and maintenance are described in the operating and installation instructions. Read and follow the operating and installation instructions.								
31	 Read and follow the operating and installation instructions regarding assembly, installation, maintenance, removal, recycling and/or disposal.								
32	 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.								

