








Product data sheet (in accordance with EU regulation no. 811/2013, 812/2013)

1	Brand name			Vaillant						
2	Models			A	VEN 5/6 U plus					
				B	VEN 5/6 O plus					
				C	VEN 5/6 U exclusiv					
				D	VEN 5/6 O exclusiv					
				E	VEN 5/6 U plus INT					
				F	VEN 5/6 O plus INT					
				A	B	C	D	E	F	
3	Hot water generation: Specified load profile	-	-	xxs	xxs	xxs	xxs	xxs	xxs	
4	Hot water generation: Energy-efficiency class	-	-	A	A	A	A	A	A	
5	Hot water generation: Energy efficiency (*8)	η_{WH}	%	37	37	37	37	37	37	
6	Annual power consumption (*8)	AEC	kWh	500	496	502	497	500	496	
7	Additional load profile	-	-	-	-	-	-	-	-	
8	Hot water generation: Energy efficiency for additional load profile	$\eta_{WH, additional}$	%	-	-	-	-	-	-	
9	Annual power consumption for additional load profile	AEC	kWh	-	-	-	-	-	-	
10	Temperature setting for the temperature controller	-	°C	60	60	60	60	60	60	
11	Sound power level, internal	$L_{WA, indoor}$	dB(A)	15	15	15	15	15	15	
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	-	-	-	-	-	-	-	-	
16	Heat retention losses	S	W	-	-	-	-	-	-	
17	Cylinder volume	V	l	5,1	5,1	5,1	5,1	5,1	5,1	
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. 813/2013, 814/2013)

2	Models	A	VEN 5/6 U plus							
		B	VEN 5/6 O plus							
		C	VEN 5/6 U exclusiv							
		D	VEN 5/6 O exclusiv							
		E	VEN 5/6 U plus INT							
		F	VEN 5/6 O plus INT							
				A	B	C	D	E	F	
20	Daily power consumption	Q_{elec}	kWh	2,330	2,310	2,340	2,320	2,330	2,310	
21	Hot water generation: Specified load profile	-	-	xxs	xxs	xxs	xxs	xxs	xxs	
22	Sound power level, internal	$L_{WA, indoor}$	dB(A)	15	15	15	15	15	15	
23	Weekly fuel consumption without an intelligent control system	$Q_{fuel, week}$	kWh	-	-	-	-	-	-	
24	Weekly power consumption without an intelligent control system	$Q_{elec, week}$	kWh	-	-	-	-	-	-	
25	Weekly fuel consumption with an intelligent control system	$Q_{fuel, week, sma}$	kWh	-	-	-	-	-	-	
26	Weekly power consumption with an intelligent control system	$Q_{elec, week, smart}$	kWh	-	-	-	-	-	-	
27	Hot water generation: Energy efficiency	η_{WH}	%	37	37	37	37	37	37	
28	 All specific precautions for assembly, installation and maintenance are described in the operating and installation instructions. Read and follow the operating and installation instructions.									
29	 Read and follow the operating and installation instructions regarding assembly, installation, maintenance, removal, recycling and/or disposal.									
30	Cylinder volume	V	l	5,1	5,1	5,1	5,1	5,1	5,1	
31	Heat retention losses	S	W	-	-	-	-	-	-	
32	Volume of mixed water at 40 °C	V40	l	-	-	-	-	-	-	
33	 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.									



de (1) Markenname (2) Modelle (3) Warmwasserbereitung: Angegebenes Lastprofil (4) Warmwasserbereitung: Energieeffizienzklasse (5) Warmwasserbereitung: Energieeffizienz, für durchschnittliche Klimaverhältnisse (6) Jährlicher Stromverbrauch, für durchschnittliche Klimaverhältnisse (7) Zusätzliches Lastprofil (8) Warmwasserbereitung: Energieeffizienz bei zusätzlichem Lastprofil (9) Jährlicher Stromverbrauch bei zusätzlichem Lastprofil (10) Temperatureinstellung des Temperaturreglers (11) Schalleistungspegel, innen (12) Möglichkeit des ausschließlichen Betriebs zu Schwachlastzeiten. (13) Alle spezifischen Vorkehrungen für die Montage, Installation und Wartung sind in den Betriebs- und Installationsanleitungen beschrieben.

Lesen und befolgen Sie die Betriebs- und Installationsanleitungen.

(14) „smart“-Wert „1“: die Informationen zur Warmwasserbereitungs-

Energieeffizienz und zum jährlichen Strom- bzw. Brennstoffverbrauch gelten nur bei eingeschalteter intelligenter Regelung. (15) Smart (16) Warmhalteverluste (17) Speichervolumen (18) Die jahreszeitbedingte Raumheizungs-Effizienz beinhaltet bei Geräten mit integrierten, witterungsgeführten Reglern inklusive aktivierbarer Raumthermosta-funktion immer den Korrekturfaktor der Reglertechnologiekategorie VI. Eine Abweichung der jahreszeitbedingten Raumheizungs-Effizienz ist bei Deaktivierung dieser Funktion möglich. (19) Alle in den Produktinformationen enthaltenen Daten sind in Anwendung der Vorgaben der Europäischen Direktiven ermittelt worden. Unterschiede zu an anderer Stelle aufgeführten Produktinformationen können aus unterschiedlichen Prüfbedingungen resultieren. Maßgeblich und gültig sind allein die in diesen Produktinformationen enthaltenen Daten. (20) Täglicher Stromverbrauch (21) Warmwasserbereitung: Angegebenes Lastprofil (22) Schalleistungspegel, innen (23) Wöchentlicher Brennstoffverbrauch ohne intelligente Regelung (24) Wöchentlicher Stromverbrauch ohne intelligente Regelung (25) Wöchentlicher Brennstoffverbrauch mit intelligenter Regelung (26) Wöchentlicher Stromverbrauch mit intelligenter Regelung (27) Warmwasserbereitung: Energieeffizienz (28) Alle spezifischen Vorkehrungen für die Montage, Installation und Wartung sind in den Betriebs- und Installationsanleitungen beschrieben.

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(29) Lesen und befolgen Sie die Betriebs- und Installationsanleitungen zu Montage, Installation, Wartung, Demontage, Recycling und / oder Entsorgung. (30) Speichervolumen (31) Warmhalteverluste (32) Volumen des Mischwassers bei 40 °C (33) Alle in den Produktinformationen enthaltenen Daten sind in Anwendung der Vorgaben der Europäischen Direktiven ermittelt worden. Unterschiede zu an anderer Stelle aufgeführten Produktinformationen können aus unterschiedlichen Prüfbedingungen resultieren. Maßgeblich und gültig sind allein die in diesen Produktinformationen enthaltenen Daten.

hr (1) Naziv marke (2) Modeli (3) Priprema tople vode: navedeni profil opterećenja (4) Priprema tople vode: razred energetske učinkovitosti (5) Priprema tople vode: energetska učinkovitost, za prosječne klimatske uvjete (6) Godišnja potrošnja struje, za prosječne klimatske uvjete (7) Drugi profil opterećenja (8) Priprema tople vode: energetska učinkovitost pri dodatnom profilu opterećenja (9) Godišnja potrošnja struje pri dodatnom profilu opterećenja (10) Podešavanje temperature regulatora temperature (11) Razina zvučne snage, unutra (12) Mogućnost isključivanja pogona u razdobljima malog opterećenja. (13) Sve specifične mjere predostrožnosti za montažu, instaliranje i održavanje opisane su u uputama za rad i instaliranje.

Pročitajte i slijedite upute za rad i instaliranje.

(14) „smart“-vrijednost „1“: informacije o energetske učinkovitosti pripreme tople vode

i o godišnjoj potrošnji struje odnosno energenta vrijede samo kada je uključena inteligentna regulacija. (15) Smart (16) Gubici održavanja topline (17) Zapremina spremnika (18) Učinkovitost grijanja prostora uvjetovana godišnjim dobom kod uređaja s integriranim atmosferskim regulatorom, uključujući funkciju sobnog termostata koji je moguće aktivirati, uvijek sadrži korekturni faktor klase tehnologije regulatora VI. Kod deaktivacije ove funkcije moguće je odstupanje učinkovitosti grijanja uvjetovano godišnjim dobom. (19) Svi podaci sadržani u informacijama o proizvodu su utvrđeni primjenom odredaba europskih direktiva. Razlike u odnosu na informacije o proizvodima navedenim na drugim mjestima, mogu biti posljedica različitih uvjeta ispitivanja. Mjerodavni i važeći su jedino podaci sadržani u ovim informacijama o proizvodu. (20)

Dnevna potrošnja struje (21) Priprema tople vode: navedeni profil opterećenja (22) Razina zvučne snage, unutra (23) Tjedna potrošnja energenta bez inteligentne regulacije (24) Tjedna potrošnja struje bez inteligentne regulacije (25) Tjedna potrošnja energenta s inteligentnom regulacijom (26) Tjedna potrošnja struje s inteligentnom regulacijom (27) Priprema tople vode: energetska učinkovitost (28) Sve specifične mjere predostrožnosti za montažu, instaliranje i održavanje opisane su u uputama za rad i instaliranje. Pročitajte i slijedite upute za rad i instaliranje.

(29) Pročitajte i slijedite upute za rad i instaliranje u svezi s montažom, instaliranjem, održavanjem, demontažom, recikliranjem i/ili odlaganjem. (30) Zapremina spremnika (31) Gubici održavanja topline (32) Zapremina vode za miješanje pri 40 °C (33) Svi podaci sadržani u informacijama o proizvodu su utvrđeni primjenom odredaba europskih direktiva. Razlike u odnosu na informacije o proizvodima navedenim na drugim mjestima, mogu biti posljedica različitih uvjeta ispitivanja. Mjerodavni i važeći su jedino podaci sadržani u ovim informacijama o proizvodu.

en (1) Brand name (2) Models (3) Hot water generation: Specified load profile (4) Hot water generation: Energy-efficiency class (5) Hot water generation: Energy efficiency, For average climatic conditions (6) Annual power consumption, For average climatic conditions (7) Additional load profile (8) Hot water generation: Energy efficiency for additional load profile (9) Annual power consumption for additional load profile (10) Temperature setting for the temperature controller (11) Sound power level, internal (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 (16) Heat retention losses (17) Cylinder volume (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. (20) Daily power consumption (21) Hot water generation: Specified load profile (22) Sound power level, internal (23) Weekly fuel consumption without an intelligent control system (24) Weekly power consumption without an intelligent control system (25) Weekly fuel consumption with an intelligent control system (26) Weekly power consumption with an intelligent control system (27) Hot water generation: Energy efficiency (28) All specific precautions for assembly, installation and maintenance are described in the operating and installation instructions. Read and follow the operating and installation instructions.

(29) Read and follow the operating and installation instructions regarding assembly, installation, maintenance, removal, recycling and/or disposal. (30) Cylinder volume (31) Heat retention losses (32) Volume of mixed water at 40 °C (33) 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.








Product data sheet (in accordance with EU regulation no. 811/2013, 812/2013)

1	Brand name			Vaillant						
2	Models	A		VEN 10/5 U						
		B		VEN 10/5 O						
				A	B					
3	Hot water generation: Specified load profile	-	-	XXS	XXS					
4	Hot water generation: Energy-efficiency class	-	-	A	A					
5	Hot water generation: Energy efficiency (*8)	η_{WH}	%	37	37					
6	Annual power consumption (*8)	AEC	kWh	506	499					
7	Additional load profile	-	-	-	-					
8	Hot water generation: Energy efficiency for additional load profile	$\eta_{WH, additional}$	%	-	-					
9	Annual power consumption for additional load profile	AEC	kWh	-	-					
10	Temperature setting for the temperature controller	-	°C	60	60					
11	Sound power level, internal	$L_{WA indoor}$	dB(A)	15	15					
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	-	-	-	-					
16	Heat retention losses	S	W	-	-					
17	Cylinder volume	V	l	10,1	10,1					
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.									
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(*8) For average climatic conditions



Product information (in accordance with EU regulation no. 813/2013, 814/2013)

2	Models		A	VEN 10/5 U						
			B	VEN 10/5 O						
			A	B						
20	Daily power consumption	Q_{elec}	kWh	2,370	2,320					
21	Hot water generation: Specified load profile	-	-	XXS	XXS					
22	Sound power level, internal	L_{WA} indoor	dB(A)	15	15					
23	Weekly fuel consumption without an intelligent control system	$Q_{fuel,week}$	kWh	-	-					
24	Weekly power consumption without an intelligent control system	$Q_{elec,week}$	kWh	-	0,000					
25	Weekly fuel consumption with an intelligent control system	$Q_{fuel,week,sma}$	kWh	-	-					
26	Weekly power consumption with an intelligent control system	$Q_{elec,week,smart}$	kWh	-	0,000					
27	Hot water generation: Energy efficiency	η_{WH}	%	37	37					
28	 All specific precautions for assembly, installation and maintenance are described in the operating and installation instructions. Read and follow the operating and installation instructions.									
29	 Read and follow the operating and installation instructions regarding assembly, installation, maintenance, removal, recycling and/or disposal.									
30	Cylinder volume	V	l	10,1	10,1					
31	Heat retention losses	S	W	-	-					
32	Volume of mixed water at 40 °C	V40	l	-	-					
33	 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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Energieeffizienz und zum jährlichen Strom- bzw. Brennstoffverbrauch gelten nur bei eingeschalteter intelligenter Regelung. (15) Smart (16) Warmhalteverluste (17)

Speichervolumen (18) Die jahreszeitbedingte Raumheizungs-Effizienz beinhaltet bei Geräten mit integrierten, witterungsgeführten Reglern inklusive aktivierbarer Raumthermostatfunktion immer den Korrekturfaktor der Reglertechnologiekategorie VI. Eine Abweichung der jahreszeitbedingten Raumheizungs-Effizienz ist bei Deaktivierung dieser Funktion möglich. (19) Alle in den Produktinformationen enthaltenen Daten sind in Anwendung der Vorgaben der Europäischen Direktiven ermittelt worden.

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Speichervolumen (31) Warmhalteverluste (32) Volumen des Mischwassers bei 40 °C (33) Alle in den Produktinformationen enthaltenen Daten sind in Anwendung der Vorgaben der Europäischen Direktiven ermittelt worden. Unterschiede zu an anderer Stelle aufgeführten Produktinformationen können aus unterschiedlichen Prüfbedingungen resultieren. Maßgeblich und gültig sind allein die in diesen Produktinformationen enthaltenen Daten.

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(14) „smart“-vrijednost „1“ : informacije o energetske učinkovitosti pripreme tople vode

i o godišnjoj potrošnji struje odnosno energenta vrijede samo kada je uključena inteligentna regulacija. (15) Smart (16) Gubici održavanja topline (17) Zapremina spremnika (18) Učinkovitost grijanja prostora uvjetovana godišnjim dobom kod uređaja s integriranim atmosferskim regulatorom, uključujući funkciju sobnog termostata koji je moguće aktivirati, uvijek sadrži korekturni faktor klase tehnologije regulatora VI. Kod deaktivacije ove funkcije moguće je odstupanje učinkovitosti grijanja uvjetovano godišnjim dobom. (19) Svi podaci sadržani u informacijama o proizvodu su utvrđeni primjenom odredaba europskih direktiva. Razlike u odnosu na informacije o proizvodima navedenim na drugim mjestima, mogu biti posljedica različitih uvjeta ispitivanja. Mjerodavni i važeći su jedino podaci sadržani u ovim informacijama o proizvodu. (20)

Dnevna potrošnja struje (21) Priprema tople vode: navedeni profil opterećenja (22) Razina zvučne snage, unutra (23) Tjedna potrošnja energenta bez inteligentne regulacije (24) Tjedna potrošnja struje bez inteligentne regulacije (25) Tjedna potrošnja energenta s inteligentnom regulacijom (26) Tjedna potrošnja struje s inteligentnom regulacijom (27) Priprema tople vode: energetska učinkovitost (28) Sve specifične mjere predostrožnosti za montažu, instaliranje i održavanje opisane su u uputama za rad i instaliranje.

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