Product data sheet (in accordance with EU regulation no. 1253/2014)

1	Brand name		Vaillant
2	Models	I	VAR 150/4 R
		II	VAR 150/4 R + VAZ CO2/1
		III	VAR 150/4 L
		IV	VAR 150/4 L + VAZ CO2/1
		V	VAR 260/4
		VI	VAR 260/4 + VAZ CO2/1

				I	II	III	IV	V	VI
3	Specific energy consumption	*SEC cold*	*kWh/(m²*a)*	-74	-79	-74	-79	-78	-82
4	Specific energy consumption	*SEC average*	*kWh/(m²*a)*	-37	-41	-37	-41	-40	-43
5	Specific energy consumption	*SEC warm*	*kWh/(m²*a)*	-13	-16	-13	-16	-16	-18
6	Declared typology in accordance with Article 2 of this Regulation	*Typology*	-	Ducted ventilation unit	Ducted ventilation unit	Ducted ventilation unit	Ducted ventilation unit	Ducted ventilation unit	Ducted ventilation unit
7	Type of drive installed or intended to be installed	*Type of drive*	-	variable speed drive	variable speed drive	variable speed drive	variable speed drive	variable speed drive	variable speed drive
8	Type of heat recovery system	*Type of heat recovery system*	-	recuperative	recuperative	recuperative	recuperative	recuperative	recuperative
9	Thermal efficiency of heat recovery	*Thermal efficiency: Heat recovery*	*%*	82	82	82	82	87	87
10	Maximum flow rate	*Maximum flow rate*	*m³/h*	150	150	150	150	260	260
11	Electric power input of the fan drive, including any motor control equipment	*Electric power input*	*W*	77	77	77	77	108	108
12	Sound power level, indoor	L_{WA} *indoor*	*dB(A)*	44	44	44	44	47	47
13	Reference flow rate	*Reference flow rate*	*m³/h*	105	105	105	105	182	182
14	Reference pressure difference	*Reference pressure difference*	*Pa*	50	50	50	50	50	50
15	Specific power input	*SPI*	*W/(m³/h)*	0,3	0,3	0,3	0,3	0,21	0,21
16	Control typology	*Fan-control typology*	-	Central demand control	Local demand control	Central demand control	Local demand control	Central demand control	Local demand control
17	Correction factor for the SEC calculation	*Fan-control factor*	-	0,85	0,65	0,85	0,65	0,85	0,65
18	Maximum external leakage rate	L_{ext}	*%*	5	5	5	5	1	1
19	Maximum internal leakage rate	L_{int}	*%*	2	2	2	2	1	1
20	Carry over	*carry over*	*%*	-	-	-	-	-	-
21	mixing rate	*mixing rate ventilation*	*%*	-	-	-	-	-	-
22	When the filter needs to be cleaned or changed, "M.800" is shown on the display. Additional information on changing the filter can be found in the operating manual. Regular maintenance must be carried out on the filter to maintain a high level of efficiency and performance.								
23	Disassembly instruction	-	-	www.vaillant.com	www.vaillant.com	www.vaillant.com	www.vaillant.com	www.vaillant.com	www.vaillant.com
24	airflow sensitivity to pressure variations at + 20 Pa	*airflow sensitivity +20 Pa*	*%*	-	-	-	-	-	-
25	airflow sensitivity to pressure variations at - 20 Pa	*airflow sensitivity -20 Pa*	*%*	-	-	-	-	-	-
26	Annual electricity consumption (*9)	*AEC cold*	*kWh/a per 100m²*	282	167	282	167	196	283
27	Annual electricity consumption (*8)	*AEC average*	*kWh/a per 100m²*	276	162	276	162	191	111
28	Annual electricity consumption (*10)	*AEC warm*	*kWh/a per 100m²*	276	161	276	161	190	277
29	Annual heating saved (*9)	*AHS cold*	*kWh/a per 100m²*	8633	8857	8633	8857	8898	9060
30	Annual heating saved (*8)	*AHS average*	*kWh/a per 100m²*	4413	4528	4413	4528	4548	4631
31	Annual heating saved (*10)	*AHS warm*	*kWh/a per 100m²*	1995	2047	1995	2047	2056	2094
32	Indoor/outdoor air tightness	*indoor/outdoor air tightness*	*m³/h*	-	-	-	-	-	-

(*8) For average climatic conditions

(*9) For colder climatic conditions

(*10) For warmer climatic conditions

Product data sheet (in accordance with EU regulation no. 1253/2014)

1	Brand name		Vaillant
2	Models	VII	VAR 260/4 E
		VIII	VAR 260/4 E + VAZ CO2/1
		IX	VAR 360/4
		X	VAR 360/4 + VAZ CO2/1
		XI	VAR 360/4 E
		XII	VAR 360/4 E + VAZ CO2/1

				VII	VIII	IX	X	XI	XII
3	Specific energy consumption	*SEC cold*	*kWh/(m²*a)*	-74	-79	-75	-80	-71	-77
4	Specific energy consumption	*SEC average*	*kWh/(m²*a)*	-38	-42	-38	-42	-36	-40
5	Specific energy consumption	*SEC warm*	*kWh/(m²*a)*	-15	-18	-14	-17	-13	-17
6	Declared typology in accordance with Article 2 of this Regulation	*Typology*	-	Ducted ventilation unit	Ducted ventilation unit	Ducted ventilation unit	Ducted ventilation unit	Ducted ventilation unit	Ducted ventilation unit
7	Type of drive installed or intended to be installed	*Type of drive*	-	variable speed drive	variable speed drive	variable speed drive	variable speed drive	variable speed drive	variable speed drive
8	Type of heat recovery system	*Type of heat recovery system*	-	recuperative incl. humidity transfer	recuperative incl. humidity transfer	recuperative	recuperative	recuperative incl. humidity transfer	recuperative incl. humidity transfer
9	Thermal efficiency of heat recovery	*Thermal efficiency: Heat recovery*	*%*	79	79	83	83	75	75
10	Maximum flow rate	*Maximum flow rate*	*m³/h*	260	260	360	360	360	360
11	Electric power input of the fan drive, including any motor control equipment	*Electric power input*	*W*	108	108	183	183	183	183
12	Sound power level, indoor	L_{WA} *indoor*	*dB(A)*	44	44	50	50	50	50
13	Reference flow rate	*Reference flow rate*	*m³/h*	182	182	252	252	252	252
14	Reference pressure difference	*Reference pressure difference*	*Pa*	50	50	50	50	50	50
15	Specific power input	*SPI*	*W/(m³/h)*	0,2	0,2	0,25	0,25	0,25	0,25
16	Control typology	*Fan-control typology*	-	Central demand control	Local demand control	Central demand control	Local demand control	Central demand control	Local demand control
17	Correction factor for the SEC calculation	*Fan-control factor*	-	0,85	0,65	0,85	0,65	0,85	0,65
18	Maximum external leakage rate	L_{ext}	*%*	1	1	1	1	1	1
19	Maximum internal leakage rate	L_{int}	*%*	1	1	1	1	2	2
20	Carry over	*carry over*	*%*	-	-	-	-	-	-
21	mixing rate	*mixing rate ventilation*	*%*	-	-	-	-	-	-
22	When the filter needs to be cleaned or changed, "M.800" is shown on the display. Additional information on changing the filter can be found in the operating manual. Regular maintenance must be carried out on the filter to maintain a high level of efficiency and performance.								
23	Disassembly instruction	-	-	www.vaillant.com	www.vaillant.com	www.vaillant.com	www.vaillant.com	www.vaillant.com	www.vaillant.com
24	airflow sensitivity to pressure variations at + 20 Pa	*airflow sensitivity +20 Pa*	*%*	-	-	-	-	-	-
25	airflow sensitivity to pressure variations at - 20 Pa	*airflow sensitivity -20 Pa*	*%*	-	-	-	-	-	-
26	Annual electricity consumption (*9)	*AEC cold*	*kWh/a per 100m²*	188	112	234	139	234	139
27	Annual electricity consumption (*8)	*AEC average*	*kWh/a per 100m²*	182	106	228	134	228	134
28	Annual electricity consumption (*10)	*AEC warm*	*kWh/a per 100m²*	182	106	228	133	228	133
29	Annual heating saved (*9)	*AHS cold*	*kWh/a per 100m²*	8474	8736	8686	8898	8262	8574
30	Annual heating saved (*8)	*AHS average*	*kWh/a per 100m²*	4332	4465	4440	4548	4224	4383
31	Annual heating saved (*10)	*AHS warm*	*kWh/a per 100m²*	1958	2019	2007	2057	1910	1982
32	Indoor/outdoor air tightness	*indoor/outdoor air tightness*	*m³/h*	-	-	-	-	-	-

(*8) For average climatic conditions

(*9) For colder climatic conditions

(*10) For warmer climatic conditions

Product information (in accordance with EU regulation no. 1254/2014)

1	Brand name		Vaillant
2	Models	I	VAR 150/4 R
		II	VAR 150/4 R + VAZ CO2/1
		III	VAR 150/4 L
		IV	VAR 150/4 L + VAZ CO2/1
		V	VAR 260/4
		VI	VAR 260/4 + VAZ CO2/1

				I	II	III	IV	V	VI
33	Specific energy consumption	*SEC cold*	*kWh/(m²*a)*	-74	-79	-74	-79	-78	-82
34	Specific energy consumption	*SEC average*	*kWh/(m²*a)*	-37	-41	-37	-41	-40	-43
35	Specific energy consumption	*SEC warm*	*kWh/(m²*a)*	-13	-16	-13	-16	-16	-18
36	Declared typology in accordance with Article 2 of this Regulation	*Typology*	-	Ducted ventilation unit	Ducted ventilation unit	Ducted ventilation unit	Ducted ventilation unit	Ducted ventilation unit	Ducted ventilation unit
37	Type of drive installed or intended to be installed	*Type of drive*	-	variable speed drive	variable speed drive	variable speed drive	variable speed drive	variable speed drive	variable speed drive
38	Type of heat recovery system	*Type of heat recovery system*	-	recuperative	recuperative	recuperative	recuperative	recuperative	recuperative
39	Thermal efficiency of heat recovery	*Thermal efficiency: Heat recovery*	*%*	82	82	82	82	87	87
40	Maximum flow rate	*Maximum flow rate*	*m³/h*	150	150	150	150	260	260
41	Electric power input of the fan drive, including any motor control equipment	*Electric power input*	*W*	77	77	77	77	108	108
42	Sound power level, indoor	L_{WA} *indoor*	*dB(A)*	44	44	44	44	47	47
43	Reference flow rate	*Reference flow rate*	*m³/h*	105	105	105	105	182	182
44	Reference pressure difference	*Reference pressure difference*	*Pa*	50	50	50	50	50	50
45	Specific power input	*SPI*	*W/(m³/h)*	0,3	0,3	0,3	0,3	0,21	0,21
46	Control typology	*Fan-control typology*	-	Central demand control	Local demand control	Central demand control	Local demand control	Central demand control	Local demand control
47	Correction factor for the SEC calculation	*Fan-control factor*	-	0,85	0,65	0,85	0,65	0,85	0,65
48	Maximum external leakage rate	L_{ext}	*%*	5	5	5	5	1	1
49	Maximum internal leakage rate	L_{int}	*%*	2	2	2	2	1	1
50	Carry over	*carry over*	*%*	-	-	-	-	-	-
51	mixing rate	*mixing rate ventilation*	*%*	-	-	-	-	-	-
52	Disassembly instruction	-	-	www.vaillant.com	www.vaillant.com	www.vaillant.com	www.vaillant.com	www.vaillant.com	www.vaillant.com
53	airflow sensitivity to pressure variations at + 20 Pa	*airflow sensitivity +20 Pa*	*%*	-	-	-	-	-	-
54	airflow sensitivity to pressure variations at - 20 Pa	*airflow sensitivity -20 Pa*	*%*	-	-	-	-	-	-
55	Annual electricity consumption	*AEC cold*	*kWh/a per 100m²*	282	167	282	167	196	283
56	Annual electricity consumption	*AEC average*	*kWh/a per 100m²*	276	162	276	162	191	111
57	Annual electricity consumption	*AEC warm*	*kWh/a per 100m²*	276	161	276	161	190	277
58	Annual heating saved	*AHS cold*	*kWh/a per 100m²*	8633	8857	8633	8857	8898	9060
59	Annual heating saved	*AHS average*	*kWh/a per 100m²*	4413	4528	4413	4528	4548	4631
60	Annual heating saved	*AHS warm*	*kWh/a per 100m²*	1995	2047	1995	2047	2056	2094

Product information (in accordance with EU regulation no. 1254/2014)

1	Brand name		Vaillant
2	Models	VII	VAR 260/4 E
		VIII	VAR 260/4 E + VAZ CO2/1
		IX	VAR 360/4
		X	VAR 360/4 + VAZ CO2/1
		XI	VAR 360/4 E
		XII	VAR 360/4 E + VAZ CO2/1

				VII	VIII	IX	X	XI	XII
33	Specific energy consumption	*SEC cold*	*kWh/(m²*a)*	-74	-79	-75	-80	-71	-77
34	Specific energy consumption	*SEC average*	*kWh/(m²*a)*	-38	-42	-38	-42	-36	-40
35	Specific energy consumption	*SEC warm*	*kWh/(m²*a)*	-15	-18	-14	-17	-13	-17
36	Declared typology in accordance with Article 2 of this Regulation	*Typology*	-	Ducted ventilation unit	Ducted ventilation unit	Ducted ventilation unit	Ducted ventilation unit	Ducted ventilation unit	Ducted ventilation unit
37	Type of drive installed or intended to be installed	*Type of drive*	-	variable speed drive	variable speed drive	variable speed drive	variable speed drive	variable speed drive	variable speed drive
38	Type of heat recovery system	*Type of heat recovery system*	-	recuperative incl. humidity transfer	recuperative incl. humidity transfer	recuperative	recuperative	recuperative incl. humidity transfer	recuperative incl. humidity transfer
39	Thermal efficiency of heat recovery	*Thermal efficiency: Heat recovery*	*%*	79	79	83	83	75	75
40	Maximum flow rate	*Maximum flow rate*	*m³/h*	260	260	360	360	360	360
41	Electric power input of the fan drive, including any motor control equipment	*Electric power input*	*W*	108	108	183	183	183	183
42	Sound power level, indoor	L_{WA} *indoor*	*dB(A)*	44	44	50	50	50	50
43	Reference flow rate	*Reference flow rate*	*m³/h*	182	182	252	252	252	252
44	Reference pressure difference	*Reference pressure difference*	*Pa*	50	50	50	50	50	50
45	Specific power input	*SPI*	*W/(m³/h)*	0,2	0,2	0,25	0,25	0,25	0,25
46	Control typology	*Fan-control typology*	-	Central demand control	Local demand control	Central demand control	Local demand control	Central demand control	Local demand control
47	Correction factor for the SEC calculation	*Fan-control factor*	-	0,85	0,65	0,85	0,65	0,85	0,65
48	Maximum external leakage rate	L_{ext}	*%*	1	1	1	1	1	1
49	Maximum internal leakage rate	L_{int}	*%*	1	1	1	1	2	2
50	Carry over	*carry over*	*%*	-	-	-	-	-	-
51	mixing rate	*mixing rate ventilation*	*%*	-	-	-	-	-	-
52	Disassembly instruction	-	-	www.vaillant.com	www.vaillant.com	www.vaillant.com	www.vaillant.com	www.vaillant.com	www.vaillant.com
53	airflow sensitivity to pressure variations at + 20 Pa	*airflow sensitivity +20 Pa*	*%*	-	-	-	-	-	-
54	airflow sensitivity to pressure variations at - 20 Pa	*airflow sensitivity -20 Pa*	*%*	-	-	-	-	-	-
55	Annual electricity consumption	*AEC cold*	*kWh/a per 100m²*	188	112	234	139	234	139
56	Annual electricity consumption	*AEC average*	*kWh/a per 100m²*	182	106	228	134	228	134
57	Annual electricity consumption	*AEC warm*	*kWh/a per 100m²*	182	106	228	133	228	133
58	Annual heating saved	*AHS cold*	*kWh/a per 100m²*	8474	8736	8686	8898	8262	8574
59	Annual heating saved	*AHS average*	*kWh/a per 100m²*	4332	4465	4440	4548	4224	4383
60	Annual heating saved	*AHS warm*	*kWh/a per 100m²*	1958	2019	2007	2057	1910	1982

hr (1) Naziv marke (2) Modeli (3) Specifična potrošnja energije *2 (4) Specifična potrošnja energije *1 (5) Specifična potrošnja energije *3 (6) Tipologija (7) Ugrađeni pogon ili kojeg treba ugraditi (8) Sustav rekuperacije topline (9) Toplinska učinkovitost za rekuperaciju topline (10) Maksimalni volumen protoka zraka (11) Električna ulazna snaga pogona ventilatora, uključujući postojeće upravljačke uređaje motora (12) Razina zvučne snage, unutra (13) Referentni volumen protoka zraka (14) Referentna razlika tlaka (15) Specifična ulazna snaga (16) Način upravljanja (17) Faktor korekcije (18) Maksimalna vanjska propusnost (19) Maksimalna unutarnja propusnost (20) Prijenos (21) Omjer miješanja (22) Filter warning (23) Disassembly instruction (24) Odstupanje volumena protoka na +20 Pa (25) Odstupanje volumena protoka na -20 Pa (26) Godišnja potrošnja struje (27) Godišnja potrošnja struje (28) Godišnja potrošnja struje (29) Godišnja uštede energije za grijanje (*9) (30) Godišnja uštede energije za grijanje (31) Godišnja uštede energije za grijanje (*10) (32) Unutarnja/vanjska nepropusnost zraka

hu (1) Márkanév (2) Modellek (3) Fajlagos energiafogyasztás *2 (4) Fajlagos energiafogyasztás *1 (5) Fajlagos energiafogyasztás *3 (6) Típus (7) Beépített vagy beépítésre szánt hajtás (8) Hővisszanyerő rendszer (9) A hővisszanyerés hőhatásfoka (10) Maximális légtömegáram (11) A ventilátorhajtás bemenő elektromos teljesítménye, a rendelkezésre álló motorvezérlő berendezésekkel együtt (12) Hangteljesítményszint, beltéri (13) Referencia-légtömegáram (14) Referencia-nyomáskülönbség (15) Fajlagos bemenő teljesítmény (16) A vezérlés módja (17) Vezérlési tényező (18) Maximális külső szivárgási ráta (19) Maximális belső szivárgási ráta (20) Átadás (21) Keveredési ráta (22) Filter warning (23) Disassembly instruction (24) Tömegáram-szabályozási eltérés +20 Pa esetén (25) Tömegáram-szabályozási eltérés -20 Pa esetén (26) Éves villamosenergia-fogyasztás (27) Éves villamosenergia-fogyasztás (28) Éves villamosenergia-fogyasztás (29) Éves fűtőenergia-megtakarítás (*9) (30) Éves fűtőenergia-megtakarítás (31) Éves fűtőenergia-megtakarítás (*10) (32) A beltér és kültér közötti légtömörség

pl (1) Nazwa marki (2) Modele (3) specyficzne zużycie energii *2 (4) specyficzne zużycie energii *1 (5) specyficzne zużycie energii *3 (6) typ (7) napęd zamontowany lub przeznaczony do zamontowania (8) system odzysku ciepła (9) poziom zmiany temperatury odzysku ciepła (10) maksymalny strumień objętości powietrza (11) elektryczna moc wejściowa napędu wentylatora z zamontowanymi urządzeniami sterowniczymi silnika (12) Poziom mocy akustycznej w pomieszczeniach (13) referencyjny strumień objętości powietrza (14) referencyjna różnica ciśnienia (15) specyficzna moc wejściowa (16) rodzaj sterowania (17) współczynnik sterowania (18) maksymalna zewnętrzna ilość wyciekania (19) maksymalna wewnętrzna ilość wyciekania (20) przekazywanie (21) ilość mieszania (22) Filter warning (23) Disassembly instruction (24) odchyłka regulacji strumienia objętości przy +20 Pa (25) odchyłka regulacji strumienia objętości przy -20 Pa (26) Roczne zużycie prądu (27) Roczne zużycie prądu (28) Roczne zużycie prądu (29) roczna oszczędność energii grzewczej (*9) (30) roczna oszczędność energii grzewczej (31) roczna oszczędność energii grzewczej (*10) (32) gęstość powietrza między wnętrzem a na zewnątrz

sk (1) Názov značky (2) Modely (3) Špecifická spotreba energie *2 (4) Špecifická spotreba energie *1 (5) Špecifická spotreba energie *3 (6) Typ (7) Zabudovaný pohon alebo pohon určený na zabudovanie (8) Systém na spätné získavanie tepla (9) Stupeň zmeny teploty spätného získavania tepla (10) Maximálny prietok vzduchu (11) Elektrický vstupný výkon pohonu ventilátora, vrátane existujúcich riadiacich jednotiek motorov (12) Hladina akustického výkonu, vnútri (13) Referenčný prietok vzduchu (14) Referenčný tlakový rozdiel (15) Špecifický vstupný výkon (16) Druh riadenia (17) Faktor riadenia (18) Maximálna externá hodnota netesnosti (19) Maximálna interná hodnota netesnosti (20) Prenos (21) Zmiešavací pomer (22) Filter warning (23) Disassembly instruction (24) Regulačná odchýlka objemového prietoku pri +20 Pa (25) Regulačná odchýlka objemového prietoku pri -20 Pa (26) Ročná spotreba elektrického prúdu (27) Ročná spotreba elektrického prúdu (28) Ročná spotreba elektrického prúdu (29) Ročná úspora na vykurovacej energii (*9) (30) Ročná úspora na vykurovacej energii (31) Ročná úspora na vykurovacej energii (*10) (32) Vzduchotesnosť medzi vnútrom a vonkajškom

sl (1) Ime znamke (2) Modeli (3) Specifična poraba energije *2 (4) Specifična poraba energije *1 (5) Specifična poraba energije *3 (6) Tip (7) Vgrajen pogon ali pogon, ki ga je treba vgraditi (8) Sistem za rekuperacijo toplote (9) Stopnja spremembe temperature rekuperacije toplote (10) Maksimalen prostorninski pretok zraka (11) Vhodna električna moč pogona ventilatorja, vključno s prisotnimi krmilnimi napravami motorjev (12) Nivo zvočne moči, znotraj (13) Prostorninski pretok zraka pri prejemanju (14) Razlika tlaka pri prejemanju (15) Specifična vhodna moč (16) Način krmiljenja (17) Faktor krmiljenja (18) Maksimalna zunanja stopnja puščanja (19) Maksimalna notranja stopnja puščanja (20) Prenos (21) Stopnja mešanja (22) Filter warning (23) Disassembly instruction (24) Regulacijski pogrešek prostorninskega pretoka pri +20 Pa (25) Regulacijski pogrešek prostorninskega pretoka pri –20 Pa (26) Letna poraba elektrike (27) Letna poraba elektrike (28) Letna poraba elektrike (29) Letni prihranek energije za ogrevanje (*9) (30) Letni prihranek energije za ogrevanje (31) Letni prihranek energije za ogrevanje (*10) (32) Tesnjenje zraka med notranjostjo in zunanjostjo