


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/(m ² a)	-74	-79	-74	-79	-78	-82
4	Specific energy consumption	SEC average	kWh/(m ² a)	-37	-41	-37	-41	-40	-43
5	Specific energy consumption	SEC warm	kWh/(m ² 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	m ³ /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	m ³ /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/(m ³ /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 100m ²	282	167	282	167	196	283
27	Annual electricity consumption (*8)	AEC average	kWh/a per 100m ²	276	162	276	162	191	111
28	Annual electricity consumption (*10)	AEC warm	kWh/a per 100m ²	276	161	276	161	190	277
29	Annual heating saved (*9)	AHS cold	kWh/a per 100m ²	8633	8857	8633	8857	8898	9060
30	Annual heating saved (*8)	AHS average	kWh/a per 100m ²	4413	4528	4413	4528	4548	4631
31	Annual heating saved (*10)	AHS warm	kWh/a per 100m ²	1995	2047	1995	2047	2056	2094
32	Indoor/outdoor air tightness	indoor/outdoor air tightness	m ³ /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/(m ² a)	-74	-79	-75	-80	-71	-77
4	Specific energy consumption	SEC average	kWh/(m ² a)	-38	-42	-38	-42	-36	-40
5	Specific energy consumption	SEC warm	kWh/(m ² 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	m ³ /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	m ³ /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/(m ³ /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 100m ²	188	112	234	139	234	139
27	Annual electricity consumption (*8)	AEC average	kWh/a per 100m ²	182	106	228	134	228	134
28	Annual electricity consumption (*10)	AEC warm	kWh/a per 100m ²	182	106	228	133	228	133
29	Annual heating saved (*9)	AHS cold	kWh/a per 100m ²	8474	8736	8686	8898	8262	8574
30	Annual heating saved (*8)	AHS average	kWh/a per 100m ²	4332	4465	4440	4548	4224	4383
31	Annual heating saved (*10)	AHS warm	kWh/a per 100m ²	1958	2019	2007	2057	1910	1982
32	Indoor/outdoor air tightness	indoor/outdoor air tightness	m ³ /h	-	-	-	-	-	-

(*8) For average climatic conditions

(*9) For colder climatic conditions

(*10) For warmer climatic conditions



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		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/(m ² a)	-74	-79	-74	-79	-78	-82
34	Specific energy consumption	SEC average	kWh/(m ² a)	-37	-41	-37	-41	-40	-43
35	Specific energy consumption	SEC warm	kWh/(m ² 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	m ³ /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	m ³ /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/(m ³ /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 100m ²	282	167	282	167	196	283
56	Annual electricity consumption	AEC average	kWh/a per 100m ²	276	162	276	162	191	111
57	Annual electricity consumption	AEC warm	kWh/a per 100m ²	276	161	276	161	190	277
58	Annual heating saved	AHS cold	kWh/a per 100m ²	8633	8857	8633	8857	8898	9060
59	Annual heating saved	AHS average	kWh/a per 100m ²	4413	4528	4413	4528	4548	4631
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		XII	VAR 360/4 E + VAZ CO2/1						
			VII	VIII	IX	X	XI	XII	
33	Specific energy consumption	SEC cold	kWh/(m ² *a)	-74	-79	-75	-80	-71	-77
34	Specific energy consumption	SEC average	kWh/(m ² *a)	-38	-42	-38	-42	-36	-40
35	Specific energy consumption	SEC warm	kWh/(m ² *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
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40	Maximum flow rate	Maximum flow rate	m ³ /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	m ³ /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/(m ³ /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 100m ²	188	112	234	139	234	139
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de (1) Markenname (2) Modelle (3) Spezifischer Energieverbrauch (4) Spezifischer Energieverbrauch (5) Spezifischer Energieverbrauch (6) Typ (7) Eingebauter oder einzubauender Antrieb (8) Wärmerückgewinnungssystem (9) Temperaturänderungsgrad der Wärmerückgewinnung (10) Maximaler Luftvolumenstrom (11) Elektrische Eingangsleistung des Ventilatorantriebs, einschließlich vorhandener Motorsteuereinrichtungen (12) Schalleistungspegel, innen (13) Bezugs-Luftvolumenstrom (14) Bezugsdruckdifferenz (15) Spezifische Eingangsleistung (16) Art der Steuerung (17) Steuerungsfaktor (18) Maximale externe Lekagerate (19) Maximale interne Lekagerate (20) Übertragung (21) Mischrate (22) Filter Hinweis (23) Demontageanleitung (24) Volumenstromregelabweichung bei +20 Pa (25) Volumenstromregelabweichung bei -20 Pa (26) Jährlicher Stromverbrauch (27) Jährlicher Stromverbrauch (28) Jährlicher Stromverbrauch (29) Jährliche Einsparung an Heizenergie (30) Jährliche Einsparung an Heizenergie (31) Jährliche Einsparung an Heizenergie (32) Luftdichtheit zwischen innen und außen

at (1) Markenname (2) Modelle (3) Spezifischer Energieverbrauch (4) Spezifischer Energieverbrauch (5) Spezifischer Energieverbrauch (6) Typ (7) Eingebauter oder einzubauender Antrieb (8) Wärmerückgewinnungssystem (9) Temperaturänderungsgrad der Wärmerückgewinnung (10) Maximaler Luftvolumenstrom (11) Elektrische Eingangsleistung des Ventilatorantriebs, einschließlich vorhandener Motorsteuereinrichtungen (12) Schalleistungspegel, innen (13) Bezugs-Luftvolumenstrom (14) Bezugsdruckdifferenz (15) Spezifische Eingangsleistung (16) Art der Steuerung (17) Steuerungsfaktor (18) Maximale externe Lekagerate (19) Maximale interne Lekagerate (20) Übertragung (21) Mischrate (22) Filter Hinweis (23) Demontageanleitung (24) Volumenstromregelabweichung bei +20 Pa (25) Volumenstromregelabweichung bei -20 Pa (26) Jährlicher Stromverbrauch (27) Jährlicher Stromverbrauch (28) Jährlicher Stromverbrauch (29) Jährliche Einsparung an Heizenergie (30) Jährliche Einsparung an Heizenergie (31) Jährliche Einsparung an Heizenergie (32) Luftdichtheit zwischen innen und außen

