


**Product data sheet** (in accordance with EU regulation no. 1254/2014)

1	Brand name			Vaillant					
2	Models		I	VAE 190/1 RHT					
			II	-					
			III	-					
			IV	-					
			V	-					
			VI	-					
				I	II	III	IV	V	VI
3	Specific energy consumption	<i>SEC cold</i>	<i>kWh/m<sup>2</sup>*a</i>	-40	-	-	-	-	-
4	Specific energy consumption	<i>SEC average</i>	<i>kWh/m<sup>2</sup>*a</i>	-19	-	-	-	-	-
5	Specific energy consumption	<i>SEC warm</i>	<i>kWh/m<sup>2</sup>*a</i>	-7	-	-	-	-	-
6	Declared typology in accordance with Article 2 of this Regulation	<i>Typology</i>	-	unidirectional	-	-	-	-	-
7	Type of drive installed or intended to be installed	<i>Type of drive</i>	-	2-speed	-	-	-	-	-
8	Type of heat recovery system	<i>Type of heat recovery system</i>	-	none	-	-	-	-	-
9	Thermal efficiency of heat recovery	<i>Thermal efficiency: Heat recovery</i>	%	-	-	-	-	-	-
10	Maximum flow rate	<i>Maximum flow rate</i>	<i>m<sup>3</sup>/h</i>	190	-	-	-	-	-
11	Electric power input of the fan drive, including any motor control equipment	<i>Electric power input</i>	<i>W</i>	50	-	-	-	-	-
12	Sound power level, indoor	<i>L<sub>wa</sub> indoor</i>	<i>dB(A)</i>	40	-	-	-	-	-
13	Reference flow rate	<i>Reference flow rate</i>	<i>m<sup>3</sup>/h</i>	190	-	-	-	-	-
14	Reference pressure difference	-	<i>Pa</i>	0	-	-	-	-	-
15	Specific power input	<i>SPI</i>	<i>W/(m<sup>3</sup>/h)</i>	0,30	-	-	-	-	-
16	Correction factor for the SEC calculation	-	-	0,85	-	-	-	-	-
17	Control typology	<i>Fan-control typology</i>	-	Central demand control	-	-	-	-	-
18	Maximum external leakage rate	<i>L<sub>ext</sub></i>	%	-	-	-	-	-	-
19	Maximum internal leakage rate	<i>L<sub>int</sub></i>	%	-	-	-	-	-	-
20	mixing rate	<i>mixing rate ventilation</i>	%	-	-	-	-	-	-
21	 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.								
22	Disassembly instruction	-	-	<a href="http://www.vaillant.com">www.vaillant.com</a>	-	-	-	-	-
23	airflow sensitivity to pressure variations at + 20 Pa	-	-	-	-	-	-	-	-
24	airflow sensitivity to pressure variations at - 20 Pa	-	-	-	-	-	-	-	-
25	Indoor/outdoor air tightness	-	-	-	-	-	-	-	-
26	Annual electricity consumption (*9)	<i>AEC</i>	<i>kWh</i>	312	-	-	-	-	-
27	Annual electricity consumption (*8)	<i>AEC</i>	<i>kWh</i>	312	-	-	-	-	-
28	Annual electricity consumption (*10)	<i>AEC</i>	<i>kWh</i>	312	-	-	-	-	-
29	Annual heating saved (*9)	<i>AHS cold</i>	<i>kWh/a</i>	4.290	-	-	-	-	-
30	Annual heating saved (*8)	<i>AHS average</i>	<i>kWh/a</i>	2.193	-	-	-	-	-
31	Annual heating saved (*10)	<i>AHS warm</i>	<i>kWh/a</i>	992	-	-	-	-	-


(\*8) For average climatic conditions

(\*9) For colder climatic conditions

(\*10) For warmer climatic conditions



**Product information** (in accordance with EU regulation no. 1253/2014)

1	Brand name		Vaillant						
2	Models		I	VAE 190/1 RHT					
			II	-					
			III	-					
			IV	-					
			V	-					
			VI	-					
			I	II	III	IV	V	VI	
32	Specific energy consumption	<i>SEC cold</i>	<i>kWh/m<sup>2</sup>*a</i>	-40	-	-	-	-	-
33	Specific energy consumption	<i>SEC average</i>	<i>kWh/m<sup>2</sup>*a</i>	-19	-	-	-	-	-
34	Specific energy consumption	<i>SEC warm</i>	<i>kWh/m<sup>2</sup>*a</i>	-7	-	-	-	-	-
35	Declared typology in accordance with Article 2 of this Regulation	<i>Typology</i>	-	unidirectional	-	-	-	-	-
36	Type of drive installed or intended to be installed	<i>Type of drive</i>	-	2-speed	-	-	-	-	-
37	Type of heat recovery system	<i>Type of heat recovery system</i>	-	none	-	-	-	-	-
38	Thermal efficiency of heat recovery	<i>Thermal efficiency: Heat recovery</i>	%	-	-	-	-	-	-
39	Maximum flow rate	<i>Maximum flow rate</i>	<i>m<sup>3</sup>/h</i>	190	-	-	-	-	-
40	Electric power input of the fan drive, including any motor control equipment	<i>Electric power input</i>	<i>W</i>	50	-	-	-	-	-
41	Sound power level, indoor	<i>L<sub>WA</sub> indoor</i>	<i>dB(A)</i>	40	-	-	-	-	-
42	Reference flow rate	<i>Reference flow rate</i>	<i>m<sup>3</sup>/h</i>	190	-	-	-	-	-
43	Reference pressure difference	-	<i>Pa</i>	0	-	-	-	-	-
44	Specific power input	<i>SPI</i>	<i>W/(m<sup>3</sup>/h)</i>	0,30	-	-	-	-	-
45	Correction factor for the SEC calculation	-	-	0,85	-	-	-	-	-
46	Control typology	<i>Fan-control typology</i>	-	Central demand control	-	-	-	-	-
47	Maximum external leakage rate	<i>L<sub>ext</sub></i>	%	-	-	-	-	-	-
48	Maximum internal leakage rate	<i>L<sub>int</sub></i>	%	-	-	-	-	-	-
49	mixing rate	<i>mixing rate ventilation</i>	%	-	-	-	-	-	-
50	 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.								
51	Disassembly instruction	-	-	<a href="http://www.vaillant.com">www.vaillant.com</a>	-	-	-	-	-
52	airflow sensitivity to pressure variations at + 20 Pa	-	-	-	-	-	-	-	-
53	airflow sensitivity to pressure variations at - 20 Pa	-	-	-	-	-	-	-	-
54	Indoor/outdoor air tightness	-	-	-	-	-	-	-	-



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) Schallleistungspegel, innen (13) Bezugs-Luftvolumenstrom (14) Bezugsdruckdifferenz (15) Spezifische Eingangsleistung (16) Steuerungsfaktor (17) Art der Steuerung (18) Maximale externe Lekagerate (19) Maximale interne Lekagerate (20) Mischrate (21) Filter Hinweis (22) Hinweise auf einen Filterwechsel sind der Bedienungsanleitung zu entnehmen. Um eine Verschlechterung des Wirkungsgrades oder der Leistung zu vermeiden, muss der Filter regelmäßig gewartet werden. (23) Demontageanleitung (24) Volumenstromregelabweichung bei +20 Pa (25) Volumenstromregelabweichung bei -20 Pa (26) Luftdichtheit zwischen innen und außen (27) Jährlicher Stromverbrauch (28) Jährlicher Stromverbrauch (29) Jährlicher Stromverbrauch (30) Jährliche Einsparung an Heizenergie (31) Jährliche Einsparung an Heizenergie (32) Jährliche Einsparung an Heizenergie

pt (1) Nome da marca (2) Modelos (3) Consumo de energia específico \*2 (4) Consumo de energia específico \*1 (5) Consumo de energia específico \*3 (6) Modelo (7) Acionamento montado ou a montar (8) Sistema de recuperação de calor (9) Eficiência térmica da recuperação de calor (10) Fluxo volumétrico máximo do ar (11) Potência elétrica de entrada do acionamento do ventilador, incluindo os dispositivos de comando do motor existentes (12) Nível de potência acústica, interior (13) Fluxo volumétrico do ar de referência (14) Diferença de pressão de referência (15) Potência de entrada específica (16) Fator de comando (17) Tipo de comando (18) Taxa máxima de fuga externa (19) Taxa máxima de fuga interna (20) Taxa de mistura (21) Filter warning (22) Consultar as indicações sobre a substituição do filtro nas instruções de uso. Deve ser feita uma manutenção regular do filtro, para evitar uma redução do grau de eficácia ou da potência. (23) Disassembly instruction (24) Desvio da regulação do fluxo volumétrico com +20 Pa (25) Desvio da regulação do fluxo volumétrico com -20 Pa (26) Estanqueidade ao ar entre o interior e o exterior (27) Consumo anual de corrente (28) Consumo anual de corrente (29) Consumo anual de corrente (30) Poupança anual em energia de aquecimento (\*9) (31) Poupança anual em energia de aquecimento (32) Poupança anual em energia de aquecimento (\*10)

