



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

1	Brand name		Vaillant
2	Models	I	VWL 185/3 AS + VWL 185/3 IS S1 (35°C)
		II	VWL 185/3 AS + VWL 185/3 IS S1 (55°C)
		III	VWL 185/3 AS S4 + VWL 185/3 IS S1 (35°C)
		IV	VWL 185/3 AS S4 + VWL 185/3 IS S1 (55°C)
		V	VWL 255/3 AS + VWL 255/3 IS S1 (35°C)
		VI	VWL 255/3 AS + VWL 255/3 IS S1 (55°C)

			I	II	III	IV	V	VI	
3	Room heating: Seasonal energy-efficiency class		A+	A++	A+	A++	A++	A++	
4	Room heating: Nominal heat output(*8) (*11)	$P_{rated}$	<i>kW</i>	22	21	22	21	29	29
5	Room heating: Seasonal energy efficiency(*8)	$\eta_s$	%	148	125	148	125	150	134
6	Annual energy consumption(*8)	$Q_{nIE}$	<i>kWh</i>	11748	13752	11748	13752	15634	17450
7	Sound power level, indoor	$L_{WA, indoor}$	<i>dB(A)</i>	56	56	56	56	56	56

8  All specific precautions for assembly, installation and maintenance are described in the operating and installation instructions. Read and follow the operating and installation instructions.

9	Nominal heat output(*9)	$P_{rated}$	<i>kW</i>	19	22	19	22	25	26
10	Nominal heat output(*10)	$P_{rated}$	<i>kW</i>	20	21	20	21	29	27
11	Room heating: Seasonal energy efficiency(*9)	$\eta_s$	%	138	117	138	117	137	124
12	Room heating: Seasonal energy efficiency(*10)	$\eta_s$	%	171	141	171	141	168	150
13	Annual energy consumption(*9)	$Q_{nIE}$	<i>kWh</i>	13245	18010	13245	18010	17575	20254
14	Annual energy consumption(*10)	$Q_{nIE}$	<i>kWh</i>	6023	7772	6023	7772	8891	9406
15	Sound power level, outdoor	$L_{WA, outdoor}$	<i>dB(A)</i>	62	62	59	59	64	64

16  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

(\*9) For colder climatic conditions

(\*10) For warmer climatic conditions

(\*11) For boilers and combination boilers with a heat pump, the nominal heat output "Prated" is the same as the design load in heating mode "Pdesignh", and the nominal heat output for an auxiliary boiler "Psup" is the same as the additional heating output "sup(Tj)"




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1	Brand name		Vaillant
2	Models	VII	VWL 255/3 AS S4 + VWL 255/3 IS S1 (35°C)
		VIII	VWL 255/3 AS S4 + VWL 255/3 IS S1 (55°C)
		IX	-
		X	-
		XI	-
		XII	-

			VII	VIII	IX	X	XI	XII
3	Room heating: Seasonal energy-efficiency class		A++	A++	-	-	-	-
4	Room heating: Nominal heat output(*8) (*11)	$P_{rated}$	<i>kW</i>	29	29	-	-	-
5	Room heating: Seasonal energy efficiency(*8)	$\eta_s$	%	150	134	-	-	-
6	Annual energy consumption(*8)	$Q_{nIE}$	<i>kWh</i>	15634	17450	-	-	-
7	Sound power level, indoor	$L_{WA, indoor}$	<i>dB(A)</i>	56	56	-	-	-

8  All specific precautions for assembly, installation and maintenance are described in the operating and installation instructions. Read and follow the operating and installation instructions.

9	Nominal heat output(*9)	$P_{rated}$	<i>kW</i>	25	26	-	-	-
10	Nominal heat output(*10)	$P_{rated}$	<i>kW</i>	29	27	-	-	-
11	Room heating: Seasonal energy efficiency(*9)	$\eta_s$	%	137	124	-	-	-
12	Room heating: Seasonal energy efficiency(*10)	$\eta_s$	%	168	150	-	-	-
13	Annual energy consumption(*9)	$Q_{nIE}$	<i>kWh</i>	17575	20254	-	-	-
14	Annual energy consumption(*10)	$Q_{nIE}$	<i>kWh</i>	8891	9406	-	-	-
15	Sound power level, outdoor	$L_{WA, outdoor}$	<i>dB(A)</i>	61	61	-	-	-

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		VI	VWL 255/3 AS + VWL 255/3 IS S1 (55°C)




			I	II	III	IV	V	VI	
17	Air/water heat pump		✓	✓	✓	✓	✓	✓	
18	Water/water heat pump		-	-	-	-	-	-	
19	Brine/water heat pump		-	-	-	-	-	-	
20	Low temperature heat pump		-	-	-	-	-	-	
21	Equipped with a supplementary heater		✓	✓	✓	✓	✓	✓	
22	Combination heater		-	-	-	-	-	-	
23	Room heating: Nominal heat output(*11)	$P_{rated}$	kW	22	21	22	21	29	29
24	Room heating: Seasonal energy efficiency	$\eta_s$	%	148	125	148	125	150	134
25	Tj = -7 °C(*6)	$P_{dh -7^\circ}$	kW	18,9	18,8	18,9	18,8	26,0	26,0
26	Tj = +2 °C(*6)	$P_{dh +2^\circ}$	kW	20,8	21,0	20,8	21,0	29,0	29,0
27	Tj = +7 °C(*6)	$P_{dh +7^\circ}$	kW	26,3	27,0	26,3	27,0	38,0	38,0
28	Tj = +12 °C(*6)	$P_{dh +12^\circ}$	kW	28,5	29,1	28,5	29,1	41,0	41,0
29	Tj = Bivalence temperature(*6)	$P_{dh}$	kW	18,9	18,8	18,9	18,8	26,0	26,0
30	Tj = Operating limit value temperature(*6)	$P_{dh}$	kW	17,2	17,6	17,2	17,6	24,0	24,5
31	Tj = -15 °C(*6)	$P_{dh -15^\circ}$	kW	0,0	0,0	0,0	0,0	0,0	0,0
32	Bivalence temperature	$T_{div}$	°C	-7	-7	-7	-7	-7	-7
33	Output for cyclical interval heating mode	$P_{cyc}$	kW	0,0	0,0	0,0	0,0	0,0	0,0
34	Degradation coefficient	$C_{dh}$		1,00	1,00	1,00	1,00	1,00	1,00
35	Tj = -7 °C(*7)	$COP_{dh}$		3,30	2,55	3,30	2,55	3,30	2,60
36	Tj = +2 °C(*7)	$COP_{dh}$		3,63	3,07	3,63	3,07	3,70	3,40
37	Tj = +7 °C(*7)	$COP_{dh}$		4,38	3,86	4,38	3,86	4,40	4,00
38	Tj = +12 °C(*7)	$COP_{dh}$		4,83	4,37	4,83	4,37	4,80	4,60
39	Tj = Bivalence temperature(*7)	$COP_{dh}$		3,30	2,55	3,30	2,55	3,30	2,60
40	Tj = Operating limit value temperature(*7)	$COP_{dh}$		3,03	2,34	3,03	2,34	3,00	2,40
41	Tj = -15 °C(*7)	$COP_{dh}$		0,00	0,00	0,00	0,00	0,00	0,00
42	Operating limit temperature	$TOL$	°C	-10	-10	-10	-10	-10	-10
43	Cycling interval efficiency(*7)	$COP_{cyc}$	%	0,0	0,0	0,0	0,0	0,0	0,0
44	Limit value for the heating water's operating temperature	$WTOL$	°C	65	65	65	65	65	65
45	Power consumption: Off-mode	$P_{OFF}$	kW	0,025	0,025	0,025	0,025	0,025	0,025
46	Power consumption: "Temperature controller off"	$P_{TO}$	kW	0,025	0,025	0,025	0,025	0,025	0,025
47	Power consumption: Standby-mode	$P_{SB}$	kW	0,025	0,025	0,025	0,025	0,025	0,025
48	Power consumption: Operating status with crankcase heating	$P_{CX}$	kW	0,000	0,000	0,000	0,000	0,000	0,000
49	Nominal heat output for auxiliary heating	$P_{sup}$	kW	0,0	0,0	0,0	0,0	0,0	0,0
50	Type of energy input for the auxiliary boiler			electric	electric	electric	electric	electric	electric
51	Controlling output under average climate conditions			fixed	fixed	fixed	fixed	fixed	fixed
52	Sound power level, indoor	$L_{WA, indoor}$	dB(A)	56	56	56	56	56	56
53	Sound power level, outdoor	$L_{WA, outdoor}$	dB(A)	62	62	59	59	64	64
54	Nitrogen oxide emissions	$NO_x$	mg/kWh	-	-	-	-	-	-
55	For air-to-water heat pumps: Rated air flow rate, outdoors		$m^3/h$	-	-	-	-	-	-
56	For water-/brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger		$m^3/h$	-	-	-	-	-	-
57	Manufacturer's address			Vaillant GmbH Berghauser Str. 40 42859 Remscheid Germany					

(\*6) Specified output in heating mode for partial load at room-air temperature and outside-air temperature Tj

(\*7) Specified coefficient of performance or primary energy ratio for partial load at room-air temperature and outside-air temperature Tj

(\*11) For boilers and combination boilers with a heat pump, the nominal heat output "Prated" is the same as the design load in heating mode "Pdesignh", and the nominal heat output for an auxiliary boiler "Psup" is the same as the additional heating output "sup(Tj)"



58	Manufacturer			Vaillant
59		All specific precautions for assembly, installation and maintenance are described in the operating and installation instructions. Read and follow the operating and installation instructions.		
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(\*6) Specified output in heating mode for partial load at room-air temperature and outside-air temperature  $T_j$

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		IX	-
		X	-
		XI	-
		XII	-




			VII	VIII	IX	X	XI	XII
17	Air/water heat pump		-	-	-	-	-	-
18	Water/water heat pump		-	-	-	-	-	-
19	Brine/water heat pump		-	-	-	-	-	-
20	Low temperature heat pump		-	-	-	-	-	-
21	Equipped with a supplementary heater		✓	✓	-	-	-	-
22	Combination heater		-	-	-	-	-	-
23	Room heating: Nominal heat output(*11)	$P_{rated}$	kW	29	29	-	-	-
24	Room heating: Seasonal energy efficiency	$\eta_s$	%	150	134	-	-	-
25	Tj = -7 °C(*6)	$P_{dh -7^\circ}$	kW	26,0	26,0	-	-	-
26	Tj = +2 °C(*6)	$P_{dh +2^\circ}$	kW	29,0	29,0	-	-	-
27	Tj = +7 °C(*6)	$P_{dh +7^\circ}$	kW	38,0	38,0	-	-	-
28	Tj = +12 °C(*6)	$P_{dh +12^\circ}$	kW	41,0	41,0	-	-	-
29	Tj = Bivalence temperature(*6)	$P_{dh}$	kW	26,0	26,0	-	-	-
30	Tj = Operating limit value temperature(*6)	$P_{dh}$	kW	24,0	24,5	-	-	-
31	Tj = -15 °C(*6)	$P_{dh -15^\circ}$	kW	0,0	0,0	-	-	-
32	Bivalence temperature	$T_{div}$	°C	-7	-7	-	-	-
33	Output for cyclical interval heating mode	$P_{cych}$	kW	0,0	0,0	-	-	-
34	Degradation coefficient	$C_{dh}$		1,00	1,00	-	-	-
35	Tj = -7 °C(*7)	$COP_{pd}$		3,30	2,60	-	-	-
36	Tj = +2 °C(*7)	$COP_{pd}$		3,70	3,40	-	-	-
37	Tj = +7 °C(*7)	$COP_{pd}$		4,40	4,00	-	-	-
38	Tj = +12 °C(*7)	$COP_{pd}$		4,80	4,60	-	-	-
39	Tj = Bivalence temperature(*7)	$COP_{pd}$		3,30	2,60	-	-	-
40	Tj = Operating limit value temperature(*7)	$COP_{pd}$		3,00	2,40	-	-	-
41	Tj = -15 °C(*7)	$COP_{pd}$		0,00	0,00	-	-	-
42	Operating limit temperature	$TOL$	°C	-10	-10	-	-	-
43	Cycling interval efficiency(*7)	$COP_{opc}$	%	0,0	0,0	-	-	-
44	Limit value for the heating water's operating temperature	$WTOL$	°C	65	65	-	-	-
45	Power consumption: Off-mode	$P_{off}$	kW	0,025	0,025	-	-	-
46	Power consumption: "Temperature controller off"	$P_{TD}$	kW	0,025	0,025	-	-	-
47	Power consumption: Standby-mode	$P_{SB}$	kW	0,025	0,025	-	-	-
48	Power consumption: Operating status with crankcase heating	$P_{CK}$	kW	0,000	0,000	-	-	-
49	Nominal heat output for auxiliary heating	$P_{sup}$	kW	0,0	0,0	-	-	-
50	Type of energy input for the auxiliary boiler			-	-	-	-	-
51	Controlling output under average climate conditions			-	-	-	-	-
52	Sound power level, indoor	$L_{WA indoor}$	dB(A)	56	56	-	-	-
53	Sound power level, outdoor	$L_{WA outdoor}$	dB(A)	61	61	-	-	-
54	Nitrogen oxide emissions	$NO_x$	mg/kWh	-	-	-	-	-
55	For air-to-water heat pumps: Rated air flow rate, outdoors		$m^3/h$	-	-	-	-	-
56	For water-/brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger		$m^3/h$	-	-	-	-	-
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(\*6) Specified output in heating mode for partial load at room-air temperature and outside-air temperature  $T_j$

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(\*11) For boilers and combination boilers with a heat pump, the nominal heat output "Prated" is the same as the design load in heating mode "Pdesignh", and the nominal heat output for an auxiliary boiler "Psup" is the same as the additional heating output "sup( $T_j$ )"



**de** (1) Markenname (2) Modelle (3) Raumheizung: Jahrezzeitbedingte Energieeffizienzklasse (4) Raumheizung: Wärmenennleistung (5) Raumheizung: Jahrezzeitbedingte Energieeffizienz (6) Jährlicher Energieverbrauch (7) Schalleistungspegel, innen (8) Alle spezifischen Vorkehrungen für die Montage, Installation und Wartung sind in den Betriebs- und Installationsanleitungen beschrieben. Lesen und befolgen Sie die Betriebs- und Installationsanleitungen. (9) Wärmenennleistung (10) Wärmenennleistung (11) Raumheizung: Jahrezzeitbedingte Energieeffizienz (12) Raumheizung: Jahrezzeitbedingte Energieeffizienz (13) Jährlicher Energieverbrauch (14) Jährlicher Energieverbrauch (15) Schalleistungspegel, außen (16) 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. (17) Luft-Wasser-Wärmepumpe (18) Wasser-Wasser-Wärmepumpe (19) Sole-Wasser-Wärmepumpe (20) Niedertemperatur-Wärmepumpe (21) Zusatzheizgerät (22) Kombiheizgerät (23) Raumheizung: Wärmenennleistung (24) Raumheizung: Jahrezzeitbedingte Energieeffizienz (25)  $T_j = -7\text{ °C}$  (26)  $T_j = +2\text{ °C}$  (27)  $T_j = +7\text{ °C}$  (28)  $T_j = +12\text{ °C}$  (29)  $T_j =$  Bivalenztemperatur (30)  $T_j =$  Betriebsgrenzwert-Temperatur (31)  $T_j = -15\text{ °C}$  (32) Bivalenztemperatur (33) Leistung bei zyklischen Intervall-Heizbetrieb (34) Minderungsfaktor (35)  $T_j = -7\text{ °C}$  (36)  $T_j = +2\text{ °C}$  (37)  $T_j = +7\text{ °C}$  (38)  $T_j = +12\text{ °C}$  (39)  $T_j =$  Bivalenztemperatur (40)  $T_j =$  Betriebsgrenzwert-Temperatur (41)  $T_j = -15\text{ °C}$  (42) Betriebsgrenzwert-Temperatur (43) Leistungszahl bei zyklischem Intervallbetrieb (44) Grenzwert der Betriebstemperatur des Heizwassers (45) Stromverbrauch: Aus-Zustand (46) Stromverbrauch: "Temperaturregler Aus"-Zustand (47) Stromverbrauch: Bereitschaftszustand (48) Stromverbrauch: Betriebszustand mit Kurbelgehäuseheizung (49) Wärmenennleistung des Zusatzheizgerätes (50) Art der Energiezufuhr des Zusatzheizgerätes (51) Leistungssteuerung unter durchschnittlichen Klimabedingungen (52) Schalleistungspegel, innen (53) Schalleistungspegel, außen (54) Stickoxidausstoß (55) Für Luft-Wasser-Wärmepumpen: Nenn-Luftdurchsatz, außen (56) Für Wasser/Sole-Wasser-Wärmepumpen: Wasser- oder Sole-Nenndurchsatz (57) Adresse des Herstellers (58) Hersteller (59) Alle spezifischen Vorkehrungen für die Montage, Installation und Wartung sind in den Betriebs- und Installationsanleitungen beschrieben. Lesen und befolgen Sie die Betriebs- und Installationsanleitungen. (60) Lesen und befolgen Sie die Betriebs- und Installationsanleitungen zu Montage, Installation, Wartung, Demontage, Recycling und / oder Entsorgung. (61) 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.

**fr** (1) Nom de marque (2) Modèles (3) Chauffage des locaux : classe d'efficacité énergétique saisonnière (4) Chauffage des locaux : puissance de chauffage nominale (5) Chauffage des locaux : efficacité énergétique saisonnière (6) Consommation énergétique annuelle (7) Puissance acoustique à l'intérieur (8) Toutes les précautions spécifiques au montage, à l'installation et à la maintenance figurent dans les notices d'utilisation et d'installation. Lisez et observez les notices d'utilisation et d'installation. (9) Puissance de chauffage nominale (10) Puissance de chauffage nominale (11) Chauffage des locaux : efficacité énergétique saisonnière (12) Chauffage des locaux : efficacité énergétique saisonnière (13) Consommation énergétique annuelle (14) Consommation énergétique annuelle (15) Puissance acoustique à l'extérieur (16) Toutes les données qui figurent dans les informations produit ont été déterminées en application des prescriptions liées aux directives européennes. Les écarts par rapport aux informations produit disponibles à d'autres endroits peuvent s'expliquer par les diverses conditions d'essai. Seules les données qui figurent dans ces informations produit sont valables et pertinentes. (17) Pompe à chaleur air/eau (18) Pompe à chaleur eau/eau (19) Pompe à chaleur eau glycolée/eau (20) Pompe à chaleur basse température (21) Appareil de chauffage auxiliaire (22) Appareil de chauffage combiné (23) Chauffage des locaux : puissance de chauffage nominale (24) Chauffage des locaux : efficacité énergétique saisonnière (25)  $T_j = -7\text{ °C}$  (26)  $T_j = +2\text{ °C}$  (27)  $T_j = +7\text{ °C}$  (28)  $T_j = +12\text{ °C}$  (29)  $T_j =$  température de bivalence (30)  $T_j =$  température limite de fonctionnement (31)  $T_j = -15\text{ °C}$  (32) Température de bivalence (33) Puissance en mode chauffage intermittent (cyclique) (34) Coefficient de dégradation (conditions plus froides) (35)  $T_j = -7\text{ °C}$  (36)  $T_j = +2\text{ °C}$  (37)  $T_j = +7\text{ °C}$  (38)  $T_j = +12\text{ °C}$  (39)  $T_j =$  température de bivalence (40)  $T_j =$  température limite de fonctionnement (41)  $T_j = -15\text{ °C}$  (42) Température limite de fonctionnement (43) Efficacité sur un intervalle cyclique (44) Limite de température de fonctionnement de l'eau de chauffage (45) Consommation électrique : mode « arrêt » (46) Consommation électrique : mode « arrêt par thermostat » (47) Consommation électrique : mode « veille » (48) Consommation électrique : état de fonctionnement avec résistance de carter active (49) Puissance de chauffage nominale de l'appareil de chauffage auxiliaire (50) Type d'apport d'énergie de l'appareil de chauffage auxiliaire (51) Commande de puissance dans des conditions climatiques moyennes (52) Puissance acoustique à l'intérieur (53) Puissance acoustique à l'extérieur (54) Émissions d'oxydes d'azote (55) Pour les pompes à chaleur air-eau: débit nominal d'eau glycolée ou d'eau, échangeur thermique extérieur (57) Adresse du fabricant (58) Fabricant (59) Toutes les précautions spécifiques au montage, à l'installation et à la maintenance figurent dans les notices d'utilisation et d'installation. Lisez et observez les notices d'utilisation et d'installation. (60) Lisez et observez les notices d'utilisation et d'installation pour le montage, l'installation, la maintenance, le démontage, le recyclage et/ou la mise au rebut. (61) Toutes les données qui figurent dans les informations produit ont été déterminées en application des prescriptions liées aux directives européennes. Les écarts par rapport aux informations produit disponibles à d'autres endroits peuvent s'expliquer par les diverses conditions d'essai. Seules les données qui figurent dans ces informations produit sont valables et pertinentes.

**it** (1) Marchio (2) Modelli (3) Riscaldamento ambiente: classe di efficienza energetica stagionale (4) Riscaldamento ambiente: potenza termica nominale (5) Riscaldamento ambiente: efficienza energetica stagionale (6) Consumo energetico annuo (7) Potenza sonora all'interno (8) Tutte le manovre specifiche per montaggio, installazione e manutenzione sono descritte nelle istruzioni per l'uso e l'installazione. Leggere e seguire le istruzioni di uso e installazione. (9) Potenza termica nominale (10) Potenza termica nominale (11) Riscaldamento ambiente: efficienza energetica stagionale (12) Riscaldamento ambiente: efficienza energetica stagionale (13) Consumo energetico annuo (14) Consumo energetico annuo (15) Potenza sonora all'esterno (16) Tutti i dati contenuti nelle informazioni sul prodotto sono stati rilevati applicando le disposizioni delle direttive europee. Differenze rispetto alle informazioni sul prodotto riportate in un altro punto possono essere il risultato di condizioni di controllo diverse. Sono significativi e validi solo i dati contenuti in queste informazioni sul prodotto. (17) Pompa di calore aria-acqua (18) Pompa di calore acqua/acqua (19) Pompa di calore salamoia-acqua (20) Bassa temperatura pompa di calore (21) Apparecchio di riscaldamento supplementare (22) Apparecchio di riscaldamento combinato (23) Riscaldamento ambiente: potenza termica nominale (24) Riscaldamento ambiente: efficienza energetica stagionale (25)  $T_j = -7\text{ °C}$  (26)  $T_j = +2\text{ °C}$  (27)  $T_j = +7\text{ °C}$  (28)  $T_j = +12\text{ °C}$  (29)  $T_j =$  temperatura bivalente (30)  $T_j =$  Temperatura del valore limite di esercizio (31)  $T_j = -15\text{ °C}$  (32) Temperatura bivalente (33) Rendimento con modo riscaldamento con intervallo ciclico (34) Coefficiente di degradazione (condizioni climatiche più fredde) (35)  $T_j = -7\text{ °C}$  (36)  $T_j = +2\text{ °C}$  (37)  $T_j = +7\text{ °C}$  (38)  $T_j = +12\text{ °C}$  (39)  $T_j =$  temperatura bivalente (40)  $T_j =$  Temperatura del valore limite di esercizio (41)  $T_j = -15\text{ °C}$  (42) Temperatura soglia di esercizio (43) Efficienza della ciclicità degli intervalli (44) Valore limite della temperatura di esercizio dell'acqua di riscaldamento (45) Consumo energetico: stato spento (46) Consumo energetico: stato "Regolatore di temperatura spento" (47) Consumo energetico: modo stand-by (48) Consumo energetico: stato operativo con riscaldamento basamento (49) Potenza termica con apparecchio di riscaldamento supplementare (50) Tipo di alimentazione energetica dell'apparecchio di riscaldamento supplementare (51) Gestione del rendimento al di sotto delle condizioni climatiche medie (52) Potenza sonora all'interno (53) Potenza sonora all'esterno (54) Emissione di ossido di azoto (55) Per le pompe di calore aria/ acqua: portata d'aria, all'esterno (56) Per le pompe di calore acqua/acqua e salamoia/acqua: flusso di salamoia o acqua nominale, scambiatore di calore all'esterno (57) Indirizzo del produttore (58) Produttore (59) Tutte le manovre specifiche per montaggio,



installazione e manutenzione sono descritte nelle istruzioni per l'uso e l'installazione. Leggere e seguire le istruzioni di uso e installazione. (60)  
Leggere e seguire le istruzioni di uso e installazione relative a montaggio, installazione, manutenzione, smontaggio, riciclaggio e/ o  
smaltimento. (61) Tutti i dati contenuti nelle informazioni sul prodotto sono stati rilevati applicando le disposizioni delle direttive europee.  
Differenze rispetto alle informazioni sul prodotto riportate in un altro punto possono essere il risultato di condizioni di controllo diverse. Sono  
significativi e validi solo i dati contenuti in queste informazioni sul prodotto.

