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

1	Brand name		Vaillant
2	Models	I	VWL 35/8.1 A 230V S2 + VIH QW 190/7 SE 18L (55°C)
		II	VWL 55/8.1 A 230V S2 + VIH QW 190/7 SE 18L (55°C)
		III	VWL 75/8.1 A 230V S2 + VIH QW 190/7 SE 18L (55°C)
		IV	VWL 105/8.1 A 230V S2 + VIH QW 190/7 SE 18L (55°C)
		V	VWL 105/8.1 A 400V S2 + VIH QW 190/7 SE 18L (55°C)
		VI	VWL 125/8.1 A 230V S2 + VIH QW 190/7 SE 18L (55°C)

				I	II	III	IV	V	VI
3	Temperature application			Medium/Low	Medium/Low	Medium/Low	Medium/Low	Medium/Low	Medium/Low
4	Hot water generation: Specified load profile			L	L	XL	XL	XL	XL
5	Seasonal space heating energy efficiency class			A++	A++	A++	A+++	A+++	A+++
6	Hot water generation: Energy-efficiency class			A+	A+	A+	A+	A+	A+
7	Room heating: Nominal heat output(*8) (*11)	P_{rated}	*kW*	5	6	7	11	11	12
8	Qhe average(*8)	Q_{HE}	*kWh*	2899	3281	3997	5968	5959	6240
9	Annual electricity consumption(*8)	*AEC average*	*kWh*	757	757	1202	1211	1211	1211
10	Seasonal space heating energy efficiency(*8)	η_s	*%*	143	143	145	154	155	156
11	Hot water generation: Energy efficiency(*8)	η_{WH}	*%*	136	136	140	139	139	139
12	Sound power level, indoor	L_{WA} *indoor*	*dB(A)*	23	23	23	23	23	23
13	Option to only operate during low-demand periods.			-	-	-	-	-	-
14	 All specific precautions for assembly, installation and maintenance are described in the operating and installation instructions. Read and follow the operating and installation instructions.								
15	Nominal heat output(*9)	P_{rated}	*kW*	4	6	6	12	12	12
16	Nominal heat output(*10)	P_{rated}	*kW*	5	5	7	13	13	13
17	Annual energy consumption(*9)	Q_{HE}	*kWh*	3708	4639	5263	8334	8329	8779
18	Annual energy consumption(*10)	Q_{HE}	*kWh*	1704	1686	2074	3496	3486	3645
19	Annual electricity consumption(*9)	*AEC cold*	*kWh*	899	899	1380	1429	1429	1429
20	Annual electricity consumption(*10)	*AEC warm*	*kWh*	647	647	993	1096	1096	1096
21	Seasonal space heating energy efficiency(*9)	η_s	*%*	111	114	119	137	137	128
22	Seasonal space heating energy efficiency(*10)	η_s	*%*	163	163	168	191	192	191
23	Hot water generation: Energy efficiency(*9)	η_{WH}	*%*	114	114	122	117	117	117
24	Hot water generation: Energy efficiency(*10)	η_{WH}	*%*	159	159	169	153	153	153
25	Sound power level, outdoor	L_{WA} *outdoor*	*dB(A)*	44	44	47	50	50	50
26	 "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.								
27	 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.								
28	 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)"

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

1	Brand name		Vaillant
2	Models	VII	VWL 125/8.1 A 400V S2 + VIH QW 190/7 SE 18L (55°C)
		VIII	-
		IX	-
		X	-
		XI	-
		XII	-

				VII	VIII	IX	X	XI	XII
3	Temperature application			Medium/Low	-	-	-	-	-
4	Hot water generation: Specified load profile			XL	-	-	-	-	-
5	Seasonal space heating energy efficiency class			A+++	-	-	-	-	-
6	Hot water generation: Energy-efficiency class			A+	-	-	-	-	-
7	Room heating: Nominal heat output(*8) (*11)	P_{rated}	*kW*	12	-	-	-	-	-
8	Qhe average(*8)	Q_{HE}	*kWh*	6237	-	-	-	-	-
9	Annual electricity consumption(*8)	*AEC average*	*kWh*	1211	-	-	-	-	-
10	Seasonal space heating energy efficiency(*8)	η_S	*%*	155	-	-	-	-	-
11	Hot water generation: Energy efficiency(*8)	η_{WH}	*%*	139	-	-	-	-	-
12	Sound power level, indoor	L_{WA} *indoor*	*dB(A)*	23	-	-	-	-	-
13	Option to only operate during low-demand periods.			-	-	-	-	-	-
14	 All specific precautions for assembly, installation and maintenance are described in the operating and installation instructions. Read and follow the operating and installation instructions.								
15	Nominal heat output(*9)	P_{rated}	*kW*	12	-	-	-	-	-
16	Nominal heat output(*10)	P_{rated}	*kW*	13	-	-	-	-	-
17	Annual energy consumption(*9)	Q_{HE}	*kWh*	8322	-	-	-	-	-
18	Annual energy consumption(*10)	Q_{HE}	*kWh*	3636	-	-	-	-	-
19	Annual electricity consumption(*9)	*AEC cold*	*kWh*	1429	-	-	-	-	-
20	Annual electricity consumption(*10)	*AEC warm*	*kWh*	1096	-	-	-	-	-
21	Seasonal space heating energy efficiency(*9)	η_S	*%*	137	-	-	-	-	-
22	Seasonal space heating energy efficiency(*10)	η_S	*%*	192	-	-	-	-	-
23	Hot water generation: Energy efficiency(*9)	η_{WH}	*%*	117	-	-	-	-	-
24	Hot water generation: Energy efficiency(*10)	η_{WH}	*%*	153	-	-	-	-	-
25	Sound power level, outdoor	L_{WA} *outdoor*	*dB(A)*	50	-	-	-	-	-
26	 "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.								
27	 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.								
28	 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)"

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

1	Brand name		Vaillant
2	Models	I	VWL 35/8.1 A 230V S2 + VIH QW 190/7 SE 18L (55°C)
		II	VWL 55/8.1 A 230V S2 + VIH QW 190/7 SE 18L (55°C)
		III	VWL 75/8.1 A 230V S2 + VIH QW 190/7 SE 18L (55°C)
		IV	VWL 105/8.1 A 230V S2 + VIH QW 190/7 SE 18L (55°C)
		V	VWL 105/8.1 A 400V S2 + VIH QW 190/7 SE 18L (55°C)
		VI	VWL 125/8.1 A 230V S2 + VIH QW 190/7 SE 18L (55°C)

				I	II	III	IV	V	VI
29	Air/water heat pump			✓	✓	✓	✓	✓	✓
30	Water/water heat pump			-	-	-	-	-	-
31	Brine/water heat pump			-	-	-	-	-	-
32	Low temperature heat pump			-	-	-	-	-	-
33	Equipped with a supplementary heater			✓	✓	✓	✓	✓	✓
34	Combination heater			✓	✓	✓	✓	✓	✓
35	Room heating: Nominal heat output(*11)	P_{rated}	*kW*	5	6	7	11	11	12
36	Seasonal space heating energy efficiency	η_S	*%*	143	143	145	154	155	156
37	Tj = -7 °C(*6)	*Pdh -7°*	*kW*	4,5	5,1	6,5	10,0	10,0	10,3
38	Tj = +2 °C(*6)	*Pdh +2°*	*kW*	2,7	3,1	3,9	6,2	6,2	6,3
39	Tj = +7 °C(*6)	*Pdh +7°*	*kW*	1,8	2,0	2,4	4,7	4,7	4,7
40	Tj = +12 °C(*6)	*Pdh +12°*	*kW*	1,7	1,7	2,4	5,6	5,6	5,6
41	Tj = Bivalence temperature(*6)	*Pdh*	*kW*	4,5	5,6	6,9	10,9	10,9	11,1
42	Tj = Operating limit value temperature(*6)	*Pdh*	*kW*	4,5	5,5	6,7	10,7	10,7	10,3
43	Tj = -15 °C(*6)	*Pdh -15°*	*kW*	-	-	-	-	-	-
44	Bivalence temperature	T_{biv}	*°C*	-7	-9	-9	-9	-9	-8
45	Output for cyclical interval heating mode	P_{cych}	*kW*	-	-	-	-	-	-
46	Degradation coefficient	*Cdh*		1,00	1,00	1,00	1,00	1,00	1,00
47	Tj = -7 °C(*7)	*COPd*		2,30	2,29	2,32	2,36	2,36	2,33
48	Tj = +2 °C(*7)	*COPd*		3,57	3,54	3,58	3,87	3,87	3,90
49	Tj = +7 °C(*7)	*COPd*		4,84	4,93	4,88	5,25	5,25	5,43
50	Tj = +12 °C(*7)	*COPd*		6,14	6,17	6,46	6,69	6,69	6,83
51	Tj = Bivalence temperature(*7)	*COPd*		2,30	2,07	2,11	2,08	2,08	2,18
52	Tj = Operating limit value temperature(*7)	*COPd*		2,04	2,00	2,04	2,00	2,00	2,02
53	Tj = -15 °C(*7)	*COPd*		-	-	-	-	-	-
54	Operating limit temperature	*TOL*	*°C*	-10	-10	-10	-10	-10	-10
55	Cycling interval efficiency(*7)	COP_{cyc}	*%*	-	-	-	-	-	-
56	Limit value for the heating water's operating temperature	*WTOL*	*°C*	75	75	75	75	75	75
57	Power consumption: Off-mode	P_{OFF}	*kW*	0,010	0,010	0,010	0,012	0,010	0,012
58	Power consumption: "Temperature controller off"	P_{TO}	*kW*	0,007	0,007	0,003	0,005	0,005	0,005
59	Power consumption: Standby-mode	P_{SB}	*kW*	0,010	0,010	0,010	0,012	0,010	0,012
60	Power consumption: Operating status with crankcase heating	P_{CK}	*kW*	-	-	-	-	-	-
61	Nominal heat output for auxiliary heating	P_{sup}	*kW*	0,7	0,3	0,5	0,7	0,7	1,7
62	Type of energy input for the auxiliary boiler			electric	electric	electric	electric	electric	electric
63	Controlling output under average climate conditions			variable	variable	variable	variable	variable	variable
64	Sound power level, indoor	L_{WA} *indoor*	*dB(A)*	23	23	23	23	23	23
65	Sound power level, outdoor	L_{WA} *outdoor*	*dB(A)*	44	44	47	50	50	50
66	Nitrogen oxide emissions	NO_x	*mg/kWh*	-	-	-	-	-	-
67	For air-to-water heat pumps: Rated air flow rate, outdoors		*m³/h*	-	-	-	-	-	-
68	For water-/brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger		*m³/h*	-	-	-	-	-	-
69	Hot water generation: Specified load profile			L	L	XL	XL	XL	XL
70	Daily electricity consumption	Q_{elec}	*kWh*	3,440	3,440	5,460	5,500	5,500	5,500
71	Hot water generation: Energy efficiency	η_{WH}	*%*	136	136	140	139	139	139

(*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)"

72	Daily fuel consumption	Q_{fuel} *average*	*kWh*	-	-	-	-	-	-
73	Manufacturer			Vaillant					
74	Manufacturer's address			Vaillant GmbH Berghauser Str. 40 42859 Remscheid Germany					
75	 All specific precautions for assembly, installation and maintenance are described in the operating and installation instructions. Read and follow the operating and installation instructions.								
76	 Read and follow the operating and installation instructions regarding assembly, installation, maintenance, removal, recycling and/or disposal.								
77	 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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Product information (in accordance with EU regulation no. 813/2013)

1	Brand name		Vaillant
2	Models	VII	VWL 125/8.1 A 400V S2 + VIH QW 190/7 SE 18L (55°C)
		VIII	-
		IX	-
		X	-
		XI	-
		XII	-

				VII	VIII	IX	X	XI	XII
29	Air/water heat pump			✓	-	-	-	-	-
30	Water/water heat pump			-	-	-	-	-	-
31	Brine/water heat pump			-	-	-	-	-	-
32	Low temperature heat pump			-	-	-	-	-	-
33	Equipped with a supplementary heater			✓	-	-	-	-	-
34	Combination heater			✓	-	-	-	-	-
35	Room heating: Nominal heat output(*11)	P_{rated}	*kW*	12	-	-	-	-	-
36	Seasonal space heating energy efficiency	η_s	*%*	155	-	-	-	-	-
37	Tj = -7 °C(*6)	*Pdh -7°*	*kW*	10,3	-	-	-	-	-
38	Tj = +2 °C(*6)	*Pdh +2°*	*kW*	6,1	-	-	-	-	-
39	Tj = +7 °C(*6)	*Pdh +7°*	*kW*	4,7	-	-	-	-	-
40	Tj = +12 °C(*6)	*Pdh +12°*	*kW*	5,6	-	-	-	-	-
41	Tj = Bivalence temperature(*6)	*Pdh*	*kW*	11,4	-	-	-	-	-
42	Tj = Operating limit value temperature(*6)	*Pdh*	*kW*	11,5	-	-	-	-	-
43	Tj = -15 °C(*6)	*Pdh -15°*	*kW*	-	-	-	-	-	-
44	Bivalence temperature	T_{biv}	*°C*	-9	-	-	-	-	-
45	Output for cyclical interval heating mode	P_{cych}	*kW*	-	-	-	-	-	-
46	Degradation coefficient	*Cdh*		1,00	-	-	-	-	-
47	Tj = -7 °C(*7)	*COPd*		2,34	-	-	-	-	-
48	Tj = +2 °C(*7)	*COPd*		3,88	-	-	-	-	-
49	Tj = +7 °C(*7)	*COPd*		5,28	-	-	-	-	-
50	Tj = +12 °C(*7)	*COPd*		6,69	-	-	-	-	-
51	Tj = Bivalence temperature(*7)	*COPd*		2,03	-	-	-	-	-
52	Tj = Operating limit value temperature(*7)	*COPd*		1,93	-	-	-	-	-
53	Tj = -15 °C(*7)	*COPd*		-	-	-	-	-	-
54	Operating limit temperature	*TOL*	*°C*	-10	-	-	-	-	-
55	Cycling interval efficiency(*7)	COP_{cyc}	*%*	-	-	-	-	-	-
56	Limit value for the heating water's operating temperature	*WTOL*	*°C*	75	-	-	-	-	-
57	Power consumption: Off-mode	P_{OFF}	*kW*	0,010	-	-	-	-	-
58	Power consumption: "Temperature controller off"	P_{TO}	*kW*	0,005	-	-	-	-	-
59	Power consumption: Standby-mode	P_{SB}	*kW*	0,010	-	-	-	-	-
60	Power consumption: Operating status with crankcase heating	P_{CK}	*kW*	-	-	-	-	-	-
61	Nominal heat output for auxiliary heating	P_{sup}	*kW*	0,4	-	-	-	-	-
62	Type of energy input for the auxiliary boiler			electric	-	-	-	-	-
63	Controlling output under average climate conditions			variable	-	-	-	-	-
64	Sound power level, indoor	L_{WA} *indoor*	*dB(A)*	23	-	-	-	-	-
65	Sound power level, outdoor	L_{WA} *outdoor*	*dB(A)*	50	-	-	-	-	-
66	Nitrogen oxide emissions	NO_x	*mg/kWh*	-	-	-	-	-	-
67	For air-to-water heat pumps: Rated air flow rate, outdoors		*m³/h*	-	-	-	-	-	-
68	For water-/brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger		*m³/h*	-	-	-	-	-	-
69	Hot water generation: Specified load profile			XL	-	-	-	-	-
70	Daily electricity consumption	Q_{elec}	*kWh*	5,500	-	-	-	-	-
71	Hot water generation: Energy efficiency	η_{WH}	*%*	139	-	-	-	-	-

(*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)"

72	Daily fuel consumption	Q_{fuel} *average*	*kWh*	-	-	-	-	-	-
73	Manufacturer			Vaillant					
74	Manufacturer's address			Vaillant GmbH Berghauser Str. 40 42859 Remscheid Germany					
75	 All specific precautions for assembly, installation and maintenance are described in the operating and installation instructions. Read and follow the operating and installation instructions.								
76	 Read and follow the operating and installation instructions regarding assembly, installation, maintenance, removal, recycling and/or disposal.								
77	 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.								

(*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)"

de (1) Markenname (2) Modelle (3) Temperaturanwendung (4) Warmwasserbereitung: Angegebenes Lastprofil (5) Raumheizung: Jahrezeitbedingte Energieeffizienzklasse (6) Warmwasserbereitung: Energieeffizienzklasse (7) Raumheizung: Wärmenennleistung (8) Qhe average (9) Jährlicher Stromverbrauch (10) Raumheizung: Jahrezeitbedingte Energieeffizienz (11) Warmwasserbereitung: Energieeffizienz (12) Schallleistungspegel, innen (13) Möglichkeit des ausschließlichen Betriebs zu Schwachlastzeiten. (14) Alle spezifischen Vorkehrungen für die Montage, Installation und Wartung sind in den Betriebs- und Installationsanleitungen beschrieben. Lesen und befolgen Sie die Betriebs- und Installationsanleitungen. (15) Wärmenennleistung (16) Wärmenennleistung (17) Jährlicher Energieverbrauch (18) Jährlicher Energieverbrauch (19) Jährlicher Stromverbrauch (20) Jährlicher Stromverbrauch (21) Raumheizung: Jahrezeitbedingte Energieeffizienz (22) Raumheizung: Jahrezeitbedingte Energieeffizienz (23) Warmwasserbereitung: Energieeffizienz (24) Warmwasserbereitung: Energieeffizienz (25) Schallleistungspegel, außen (26) „smart"-Wert „1" : die Informationen zur Warmwasserbereitungs- Energieeffizienz und zum jährlichen Strom- bzw. Brennstoffverbrauch gelten nur bei eingeschalteter intelligenter Regelung. (27) Die jahreszeitbedingte Raumheizungs-Effizienz beinhaltet bei Geräten mit integrierten, witterungsgeführten Reglern inklusive aktivierbarer Raumthermostatfunktion immer den Korrekturfaktor der Reglertechnologieklasse VI. Eine Abweichung der jahreszeitbedingten Raumheizungs-Effizienz ist bei Deaktivierung dieser Funktion möglich. (28) 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. (29) Luft-Wasser-Wärmepumpe (30) Wasser-Wasser-Wärmepumpe (31) Sole-Wasser-Wärmepumpe (32) Niedertemperatur-Wärmepumpe (33) Zusatzheizgerät (34) Kombiheizgerät (35) Raumheizung: Wärmenennleistung (36) Raumheizung: Jahrezeitbedingte Energieeffizienz (37) Tj = -7 °C (38) Tj = +2 °C (39) Tj = +7 °C (40) Tj = +12 °C (41) Tj = Bivalenztemperatur (42) Tj = Betriebsgrenzwert-Temperatur (43) Tj = -15 °C (44) Bivalenztemperatur (45) Leistung bei zyklischen Intervall-Heizbetrieb (46) Minderungsfaktor (47) Tj = -7 °C (48) Tj = +2 °C (49) Tj = +7 °C (50) Tj = +12 °C (51) Tj = Bivalenztemperatur (52) Tj = Betriebsgrenzwert-Temperatur (53) Tj = -15 °C (54) Betriebsgrenzwert-Temperatur (55) Leistungszahl bei zyklischem Intervallbetrieb (56) Grenzwert der Betriebstemperatur des Heizwassers (57) Stromverbauch: Aus-Zustand (58) Stromverbrauch: "Temperraturregler Aus"-Zustand (59) Stromverbrauch: Bereitschaftszustand (60) Stromverbrauch: Betriebszustand mit Kurbelgehäuseheizung (61) Wärmenennleistung des Zusatzheizgerätes (62) Art der Energiezufuhr des Zusatzheizgerätes (63) Leistungssteuerung unter durchschnittlichen Klimabedingungen (64) Schallleistungspegel, innen (65) Schallleistungspegel, außen (66) Stickoxidausstoß (67) Für Luft-Wasser-Wärmepumpen: Nenn-Luftdurchsatz, außen (68) Für Wasser/Sole-Wasser- Wärmepumpen: Wasser- oder Sole-Nenndurchsatz (69) Warmwasserbereitung: Angegebenes Lastprofil (70) Täglicher Stromverbrauch (71) Warmwasserbereitung: Energieeffizienz (72) Täglicher Brennstoffverbrauch (73) Hersteller (74) Adresse des Herstellers (75) Alle spezifischen Vorkehrungen für die Montage, Installation und Wartung sind in den Betriebs- und Installationsanleitungen beschrieben. Lesen und befolgen Sie die Betriebs- und Installationsanleitungen. (76) Lesen und befolgen Sie die Betriebs- und Installationsanleitungen zu Montage, Installation, Wartung, Demontage, Recycling und / oder Entsorgung. (77) 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) Application de température (4) Production d'eau chaude sanitaire : profil de charge déclaré (5) Chauffage des locaux : classe d'efficacité énergétique saisonnière (6) Production d'eau chaude sanitaire : classe d'efficacité énergétique (7) Chauffage des locaux : puissance de chauffage nominale (8) Qhe average (9) Consommation électrique annuelle (10) Chauffage des locaux : efficacité énergétique saisonnière (11) Production d'eau chaude sanitaire : efficacité énergétique (12) Puissance acoustique à l'intérieur (13) Possibilité de fonctionnement exclusivement aux périodes creuses. (14) 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. (15) Puissance de chauffage nominale (16) Puissance de chauffage nominale (17) Consommation énergétique annuelle (18) Consommation énergétique annuelle (19) Consommation électrique annuelle (20) Consommation électrique annuelle (21) Chauffage des locaux : efficacité énergétique saisonnière (22) Chauffage des locaux : efficacité énergétique saisonnière (23) Production d'eau chaude sanitaire : efficacité énergétique (24) Production d'eau chaude sanitaire : efficacité énergétique (25) Puissance acoustique à l'extérieur (26) Valeur « intelligente » « 1 » : informations relatives à l'efficacité énergétique pour la production d'eau chaude sanitaire et à la consommation annuelle d'électricité et de combustible, valables uniquement avec la régulation intelligente activée. (27) La classe d'efficacité saisonnière de chauffage des locaux inclut systématiquement le coefficient de correction pour les régulateurs de technologie de catégorie VI dans le cas des appareils avec régulateur intégré à sonde extérieure dotés d'une fonction de thermostat d'ambiance commutable. La désactivation de cette fonction peut provoquer un écart d'efficacité saisonnière de chauffage des locaux. (28) 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. (29) Pompe à chaleur air/eau (30) Pompe à chaleur eau/eau (31) Pompe à chaleur eau glycolée/eau (32) Pompe à chaleur basse température (33) Appareil de chauffage auxiliaire (34) Appareil de chauffage combiné (35) Chauffage des locaux : puissance de chauffage nominale (36) Chauffage des locaux : efficacité énergétique saisonnière (37) Tj = -7 °C (38) Tj = +2 °C (39) Tj = +7 °C (40) Tj = +12 °C (41) Tj = température de bivalence (42) Tj = température limite de fonctionnement (43) Tj = -15 °C (44) Température de bivalence (45) Puissance en mode chauffage intermittent (cyclique) (46) Coefficient de dégradation (conditions plus froides) (47) Tj = -7 °C (48) Tj = +2 °C (49) Tj = +7 °C (50) Tj = +12 °C (51) Tj = température de bivalence (52) Tj = température limite de fonctionnement (53) Tj = -15 °C (54) Température limite de fonctionnement (55) Efficacité sur un intervalle cyclique (56) Limite de température de fonctionnement de l'eau de chauffage (57) Consommation électrique : mode « arrêt » (58) Consommation électrique : mode « arrêt par thermostat » (59) Consommation électrique : mode « veille » (60) Consommation électrique : état de fonctionnement avec résistance de carter active (61) Puissance de chauffage nominale de l'appareil de chauffage auxiliaire (62) Type d'apport d'énergie de l'appareil de chauffage auxiliaire (63) Commande de puissance dans des conditions climatiques moyennes (64) Puissance acoustique à l'intérieur (65) Puissance acoustique à l'extérieur (66) Émissions d'oxydes d'azote (67) Pour les pompes à chaleur air-eau: débit d'air nominal, à l'extérieur (68) Pour les pompes à chaleur eau-eau ou eau glycolée-eau: débit nominal d'eau glycolée ou d'eau, échangeur thermique extérieur (69) Production d'eau chaude sanitaire : profil de charge déclaré (70) Consommation électrique journalière (71) Production d'eau chaude sanitaire : efficacité énergétique (72) Consommation de combustible quotidienne (73) Fabricant (74) Adresse du fabricant (75) 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. (76) 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. (77) 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.

nl (1) Merknaam (2) Modellen (3) Temperatuurtoepassing (4) Warmwaterbereiding: aangegeven belastingsprofiel (5) Ruimteverwarming: seizoensafhankelijke energie-efficiëntieklasse (6) Warmwaterbereiding: energie-efficiëntieklasse (7) Ruimteverwarming: nominaal verwarmingsvermogen (8) Qhe average (9) Jaarlijks stroomverbruik (10) Ruimteverwarming: seizoensafhankelijke energie-efficiëntie (11)

Warmwaterbereiding: energie-efficiëntie (12) Geluidsniveau, binnen (13) Mogelijkheid van uitsluitend bedrijf buiten de piekuren. (14) Alle specifieke maatregelen voor de montage, installatie en onderhoud worden beschreven in de gebruiks- en installatiehandleidingen. Lees de gebruiks- en installatiehandleidingen door en neem ze in acht. (15) Nominaal verwarmingsvermogen (16) Nominaal verwarmingsvermogen (17) Jaarlijks energieverbruik (18) Jaarlijks energieverbruik (19) Jaarlijks stroomverbruik (20) Jaarlijks stroomverbruik (21) Ruimteverwarming: seizoensafhankelijke energie-efficiëntie (22) Ruimteverwarming: seizoensafhankelijke energie-efficiëntie (23) Warmwaterbereiding: energie-efficiëntie (24) Warmwaterbereiding: energie-efficiëntie (25) Geluidsniveau, buiten (26) "smart"-waarde "1" : de informatie m.b.t. warmwaterbereidings-energie-efficiëntie en m.b.t. jaarlijks stroom- resp. brandstofverbruik geldt alleen bij ingeschakelde intelligente regeling. (27) De seizoensafhankelijke ruimteverwarmingsefficiëntie bevat bij toestellen met geïntegreerde, weersgeleide thermostaten inclusief activeerbare ruimtethermostaatfunctie altijd de correctiefactor van de thermostaattechnologieklasse VI. Een afwijking van de seizoensafhankelijke ruimteverwarmingsefficiéntie is bij deactivering van deze functie mogelijk. (28) Alle gegevens in de productinformatie zijn vastgesteld door toepassing van de bepalingen in de Europese richtlijnen. Verschillen met productinformatie die op andere plaatsen vermeld wordt kan voortkomen uit verschillende testvoorwaarden. Doorslaggevend en geldig zijn alleen de gegevens die in deze productinformatie staan. (29) Lucht-water-warmtepomp (30) Water-water-warmtepomp (31) Pekel-water-warmtepomp (32) Lagetemperatuurwarmtepomp (33) Aanvullend verwarmingstoestel (34) Combiverwarmingstoestel (35) Ruimteverwarming: nominaal verwarmingsvermogen (36) Ruimteverwarming: seizoensafhankelijke energie-efficiëntie (37) Tj = -7 °C (38) Tj = +2 °C (39) Tj = +7 °C (40) Tj = +12 °C (41) Tj = bivalente temperatuur (42) Tj = bedrijfsgrenswaardetemperatuur (43) Tj = -15 °C (44) Bivalente temperatuur (45) Vermogen bij cyclisch interval-verwarmingsbedrijf (46) Verliescoëfficiënt (kouder) (47) Tj = -7 °C (48) Tj = +2 °C (49) Tj = +7 °C (50) Tj = +12 °C (51) Tj = bivalente temperatuur (52) Tj = bedrijfsgrenswaardetemperatuur (53) Tj = -15 °C (54) bedrijfsgrenswaarde-temperatuur (55) Cyclische intervalefficiëntie (56) Grenswaarde van de bedrijfstemperatuur van het verwarmingswater (57) Stroomverbruik: Uit-toestand (58) Stroomverbruik: "Thermostaat Uit"-toestand (59) Stroomverbruik: gereedheidstoestand (60) Stroomverbruik: bedrijfstoestand met krukkastverwarming (61) Nominaal verwarmingsvermogen van het aanvullende verwarmingstoestel (62) Soort energietoevoer van het aanvullende verwarmingstoestel (63) Vermogensregeling onder gemiddelde klimaatomstandigheden (64) Geluidsniveau, binnen (65) Geluidsniveau, buiten (66) Stikstofoxideuitstoot (67) Voor lucht/water-warmtepompen: nominaal luchtdebiet, buiten (68) Voor water/water- en pekel/water-warmtepompen: nominaal pekel- of waterdebiet, warmtewisselaar buiten (69) Warmwaterbereiding: aangegeven belastingsprofiel (70) Dagelijks stroomverbruik (71) Warmwaterbereiding: energie-efficiëntie (72) Dagelijks brandstofverbruik (73) Fabrikant (74) Adres van de fabrikant (75) Alle specifieke maatregelen voor de montage, installatie en onderhoud worden beschreven in de gebruiks- en installatiehandleidingen. Lees de gebruiks- en installatiehandleidingen door en neem ze in acht. (76) Lees de gebruiks- en installatiehandleidingen m.b.t. montage, installatie, onderhoud, demontage, recycling en/of verwijdering door en neem ze in acht. (77) Alle gegevens in de productinformatie zijn vastgesteld door toepassing van de bepalingen in de Europese richtlijnen. Verschillen met productinformatie die op andere plaatsen vermeld wordt kan voortkomen uit verschillende testvoorwaarden. Doorslaggevend en geldig zijn alleen de gegevens die in deze productinformatie staan.

no (1) Varemerke (2) Modell (3) Temperaturmodus (4) Varmtvannsoppvarming: Angitt lastprofil (5) Romoppvarming: Årstidsavhengig energieffektivtetsklasse (6) Varmtvannsoppvarming: Energieffektivitetsklasse (7) Romoppvarming: Nominell varmeeffekt (8) Qhe average (9) Årlig strømforbruk (10) Romoppvarming: Årstidsavhengig energieffektivitet (11) Varmtvannsoppvarming: Energieffektivitet (12) Lydeffektnivå, inne (13) Mulighet til drift utelukkende i tidsrom med lav last. (14) Alle spesifikke tiltak i forbindelse med montering, installasjon og vedlikehold er beskrevet i bruks- og installasjonsveiledningen. Les og følg bruks- og installasjonsveiledningen. (15) Utnyttbar varmeeffekt ved nominell varmeeffekt med tilleggsvarmer slått på (16) Utnyttbar varmeeffekt ved nominell varmeeffekt med tilleggsvarmer slått på (17) Årlig energiforbruk (18) Årlig energiforbruk (19) Årlig strømforbruk (20) Årlig strømforbruk (21) Romoppvarming: Årstidsavhengig energieffektivitet (22) Romoppvarming: Årstidsavhengig energieffektivitet (23) Varmtvannsoppvarming: Energieffektivitet (24) Varmtvannsoppvarming: Energieffektivitet (25) Lydeffektnivå, ute (26) "smart"-verdi "1" : Informasjonen om energieffektivitet ved varmtvannsoppvarming og om årlig strøm- og brenselforbruk gjelder bare ved innkoblet smart regulering. (27) Den årstidsavhengige romoppvarmingseffektiviteten har for enheter med integrerte, værstyrte regulatorer inkludert aktiverbar romtermostatfunksjon alltid korreksjonsfaktoren til klasse VI for regulatorteknologi. Et avvik fra den årstidsavhengige romoppvarmingseffektiviteten er mulig ved deaktivering av denne funksjonen. (28) Alle data i produktinformasjonen er fastsatt i samsvar med spesifikasjonene i de europeiske direktivene. Forskjeller i forhold til produktinformasjon som er oppgitt andre steder kan skyldes forskjellige kontrollbetingelser. Bare opplysningene i denne produktinformasjonen er retningsgivende og gyldig. (29) Luft/vann-varmepumpe (30) Vann/vann-varmepumpe (31) Saltløsning/vann-varmepumpe (32) Lavtemperatur-varmepumpe (33) Tilleggsvarmer (34) Kombinasjonsoppvarming (35) Romoppvarming: Nominell varmeeffekt (36) Romoppvarming: Årstidsavhengig energieffektivitet (37) Tj = -7 °C (38) Tj = +2 °C (39) Tj = +7 °C (40) Tj = +12 °C (41) Tj = bivalenstemperatur (42) Tj = driftsgrenseverdi-temperatur (43) Tj = -15 °C (44) Bivalenstemperatur (45) Effekt ved intervalloppvarming med syklus (46) Reduksjonsfaktor (47) Tj = -7 °C (48) Tj = +2 °C (49) Tj = +7 °C (50) Tj = +12 °C (51) Tj = bivalenstemperatur (52) Tj = driftsgrenseverdi-temperatur (53) Tj = -15 °C (54) Driftsgrenseverdi- temperatur (55) Effektivitet ved intervall med syklus (56) Grenseverdi for oppvarmingsvann (57) Strømforbruk: AV-tilstand (58) Strømforbruk: "Temperraturregulator av"-tilstand (59) Strømforbruk: Beredskapstilstand (60) Strømforbruk: Driftstilstand med veivhusoppvarming (61) Tilleggsvarmerens nominelle varmeeffekt (62) Tilleggsvarmerens energiforsyningstype (63) Effektstyring under gjennomsnittlige klimaforhold (64) Lydeffektnivå, inne (65) Lydeffektnivå, ute (66) Utslipp av nitrogenoksid (67) Nominell gjennomstrømning (68) For water-/brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger (69) Varmtvannsoppvarming: Angitt lastprofil (70) Daglig strømforbruk (71) Varmtvannsoppvarming: Energieffektivitet (72) Daglig brenselforbruk (73) Produsent (74) Produsentens adresse (75) Alle spesifikke tiltak i forbindelse med montering, installasjon og vedlikehold er beskrevet i bruks- og installasjonsveiledningen. Les og følg bruks- og installasjonsveiledningen. (76) Les og følg bruks- og installasjonsveiledningen i forbindelse med montering, installasjon, vedlikehold, demontering, resirkulering og/eller kassering. (77) Alle data i produktinformasjonen er fastsatt i samsvar med spesifikasjonene i de europeiske direktivene. Forskjeller i forhold til produktinformasjon som er oppgitt andre steder kan skyldes forskjellige kontrollbetingelser. Bare opplysningene i denne produktinformasjonen er retningsgivende og gyldig.