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This information was generated by the HP KEYMARK database on 17 Dec 2020

Daikin Altherma LT split integrated solar 14 kW 3ph / ROTEX HPSU Compact (BIV) 14 kW 3ph		011- 1W0103	
Certificate Holder			
DAIKIN Europe N.V.			
Zandvoordestraat 300	Zip	B-8400	
Oostende Country E		Belgium	
Body DIN CERTCO Gesellschaft für Konformitätsbewertung mbH			
cting CETIAT			
Daikin Altherma LT split integrated solar 14 kW 3ph / ROTEX HPSU Compact (BIV) 14 kW 3ph			
Outdoor Air/Water			
R410a			
ss Of 3.4 kg frigerant			
21.03.2017			
	DAIKIN Europe N.V. Zandvoordestraat 300 Oostende DIN CERTCO Gesellschaft für Konformitätsbewertung mbH CETIAT Daikin Altherma LT split integrated solar 14 kW 3ph / ROTEX HPSU CkW 3ph Outdoor Air/Water R410a 3.4 kg	Compact (BIV) 14 kW 3ph No. DAIKIN Europe N.V. Zandvoordestraat 300 Zip Oostende Country DIN CERTCO Gesellschaft für Konformitätsbewertung mbH CETIAT Daikin Altherma LT split integrated solar 14 kW 3ph / ROTEX HPSU Compact (EkW 3ph Outdoor Air/Water R410a 3.4 kg	



Model: ERLQ014C*W1 / EHSX16P50B

General Data	
Power supply 3x400V 50Hz	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	14.81 kW	12.44 kW
El input	3.47 kW	4.95 kW
СОР	4.27	2.49
Indoor water flow rate	2.55 m³/h	1.53 m³/h

EN 14511-4	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Starting and operating test	passed



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	39 dB(A)	39 dB(A)
Sound power level outdoor	64 dB(A)	64 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	153 %	130 %
Prated	14.50 kW	12.00 kW
SCOP	3.90	3.32
Tbiv	-5 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.70 kW	10.90 kW
COP Tj = -7°C	2.63	1.92
Cdh	1.00	1.00
Pdh Tj = +2°C	7.71 kW	6.60 kW
COP Tj = +2°C	4.07	3.30
Cdh	1.00	1.00
Pdh Tj = +7°C	5.05 kW	4.60 kW
COP Tj = +7°C	5.71	4.34
Cdh	1.00	1.00





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Pdh Tj = 12°C	5.16 kW	5.50 kW
COP Tj = 12°C	6.71	6.45
Cdh	0.93	0.90
Pdh Tj = Tbiv	11.60 kW	10.90 kW
COP Tj = Tbiv	2.83	1.92
Pdh Tj = TOL	12.60 kW	9.80 kW
COP Tj = TOL	2.60	1.63
WTOL	35 °C	55 °C
Poff	50 W	50 W
РТО	105 W	105 W
PSB	50 W	50 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	electrical	electrical
Supplementary Heater: PSUP	9.00 kW	9.00 kW
Annual energy consumption Qhe	7250 kWh	7654 kWh

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	XL	
Efficiency ηDHW	83 %	
СОР	2.11	
Heating up time	1:20 h:min	
Standby power input	67.4 W	
Reference hot water temperature	45.2 °C	
Mixed water at 40°C	237	



Model: RRLQ014C*W1 / HPSU Compact 516

General Data	
Power supply 3x400V 50Hz	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	14.81 kW	12.44 kW
El input	3.47 kW	4.95 kW
СОР	4.27	2.49
Indoor water flow rate	2.55 m³/h	1.53 m³/h

EN 14511-4	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Starting and operating test	passed



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PSB	50 W	50 W
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Supplementary Heater: Type of energy input	electrical	electrical
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Domestic Hot Water (DHW)





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СОР	4.27	2.49
Indoor water flow rate	2.55 m³/h	1.53 m³/h

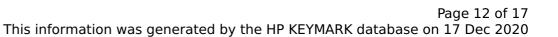
EN 14511-4	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Starting and operating test	passed



 $$\operatorname{\textit{Page}}\ 11$ of 17$$ This information was generated by the HP KEYMARK database on 17 Dec 2020

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	Low temperature	Medium temperature
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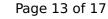
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Supplementary Heater: PSUP	9.00 kW	9.00 kW
Annual energy consumption Qhe	7250 kWh	7654 kWh

Domestic Hot Water (DHW)





EN 16147	
Declared load profile	XL
Efficiency ηDHW	84 %
СОР	2.14
Heating up time	1:20 h:min
Standby power input	66.1 W
Reference hot water temperature	45.0 °C
Mixed water at 40°C	211



Model: RRLQ014C*W1 / HPSU Compact 516 Biv

General Data	
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Heating

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	Low temperature	Medium temperature
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El input	3.47 kW	4.95 kW
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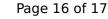
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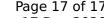
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