

Login

Daikin Altherma LT split integrated solar 14 kW 1ph / ROTEX HPSU Compact H (BIV) 14 kW 1ph	Reg. No.	011- 1W0091
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DAIKIN Europe N.V.		
Zandvoordestraat 300	Zip	B-8400
Oostende	Country	Belgium
DIN CERTCO Gesellschaft für Konformitätsbewertung mbH		
Daikin Altherma LT split integrated solar 14 kW 1ph / ROTEX HPSU Compa 1ph	act H (BIV) 14 kW
Outdoor Air/Water		
R410A		
3.4 kg		
30.03.2017		
	Compact H (BIV) 14 kW 1ph der DAIKIN Europe N.V. Zandvoordestraat 300 Oostende DIN CERTCO Gesellschaft für Konformitätsbewertung mbH Daikin Altherma LT split integrated solar 14 kW 1ph / ROTEX HPSU Compalph Outdoor Air/Water R410A 3.4 kg	Compact H (BIV) 14 kW 1ph DAIKIN Europe N.V. Zandvoordestraat 300 Zip Oostende Country DIN CERTCO Gesellschaft für Konformitätsbewertung mbH Daikin Altherma LT split integrated solar 14 kW 1ph / ROTEX HPSU Compact H (BIV 1ph Outdoor Air/Water R410A 3.4 kg

Model: ERLQ014C*V3 / EHSH16P50B

Configure model		
Model name	ERLQ014C*V3 / EHSH16P50B	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

General Data			
Power supply 1x230V 50Hz			

Heating

EN 14511-2		
Low temperature Medium temperature		Medium temperature
Heat output	14.81 kW	12.44 kW
El input	3.47 kW	4.95 kW
СОР	4.27	2.49

EN 14511-4	
Shutting off the heat transfer medium flow	passed
Shutting on the heat transfer medium now	passeu
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 %	126 %
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 Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	7.71 kW	6.60 kW
COP Tj = +2°C	4.07	3.30
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	5.05 kW	4.60 kW
COP Tj = +7°C	5.71	4.34
Cdh Tj = +7 °C	1.00	1.00





Pdh Tj = 12°C	5.16 kW	5.50 kW
COP Tj = 12°C	6.71	6.45
Cdh Tj = +12 °C	0.93	0.90
Pdh Tj = Tbiv	11.60 kW	10.90 kW
COP Tj = Tbiv	2.83	1.92
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.60 kW	9.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	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	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
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 I

Model: RRLQ014C*V3 / HPSU Compact 516 H

Configure model		
Model name RRLQ014C*V3 / HPSU Compact 516 H		
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility No		
Cooling mode application (optional) n/a		

General Data			
Power supply 1x230V 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

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



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EN 14825		
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COP Tj = -7°C	2.63	1.92
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	7.71 kW	6.60 kW
COP Tj = +2°C	4.07	3.30
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Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

General Data		
Power supply 1x230V 50Hz		

Heating

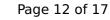
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Low temperature Medium temperature			
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El input	3.47 kW	4.95 kW	
СОР	4.27	2.49	

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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	Low temperature	Medium temperature
Sound power level indoor	39 dB(A)	39 dB(A)
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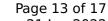
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Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	9.00 kW	9.00 kW
Annual energy consumption Qhe	7250 kWh	7654 kWh

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*V3 / HPSU Compact 516 H Biv

Configure model		
Model name RRLQ014C*V3 / HPSU Compact 516 H Biv		
Application Heating + DHW + low temp		
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

General Data		
Power supply	1x230V 50Hz	

Heating

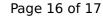
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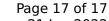
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PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	9.00 kW	9.00 kW
Annual energy consumption Qhe	7250 kWh	7654 kWh

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