

Refrigerant

Mass Of Refrigerant

R410a

1.45 kg

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	This information was generated by the HP KETMARK datab	ase on I	7 Dec 202
Summary of	DAIKIN ALTHERMA H ECH2O / ROTEX HPSU MONOBLOC COMPACT 7KW (500L)		011- 1W0271
Certificate Holder			
Name	DAIKIN Europe N.V.		
Address	Zandvoordestraat 300	Zip	B-8400
City	Oostende		Belgium
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH		
Name of testing laboratory	IGE Institut für GebäudeEnergetik		
Subtype title	DAIKIN ALTHERMA H ECH2O / ROTEX HPSU MONOBLOC COMPACT 7KW (500L)		
Heat Pump Type	Outdoor Air/Water		
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Model: RBLQ07C2V3 / RKHWMXB500C

General Data	
Power supply 1x230V 50Hz	

Heating

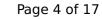
EN 14511-2		
	Low temperature	Medium temperature
Heat output	7.00 kW	6.10 kW
El input	1.55 kW	2.22 kW
СОР	4.52	2.75
Indoor water flow rate	1.20 m³/h	0.75 m³/h

EN 14511-4		
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed	
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed	
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	163 %	125 %
Prated	7.00 kW	6.10 kW
SCOP	4.14	3.22
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.20 kW	5.50 kW
COP Tj = -7°C	2.57	1.98
Pdh Tj = +2°C	3.77 kW	3.20 kW
COP Tj = +2°C	4.00	3.17
Pdh Tj = +7°C	2.59 kW	3.60 kW
COP Tj = +7°C	5.75	4.20
Pdh Tj = 12°C	2.61 kW	3.40 kW
COP Tj = 12°C	7.27	5.82
Pdh Tj = Tbiv	6.20 kW	5.50 kW





COP Tj = Tbiv	2.57	1.98
Pdh Tj = TOL	5.81 kW	3.10 kW
COP Tj = TOL	2.15	1.74
Cdh	1.00	1.00
WTOL	35 °C	55 °C
Poff	8 W	8 W
РТО	8 W	8 W
PSB	8 W	8 W
PCK	0 W	o w
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	1.19 kW	3.00 kW
Annual energy consumption Qhe	3460 kWh	3906 kWh

Domestic Hot Water (DHW)





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EN 16147		
Declared load profile	XL	
Efficiency ηDHW	88 %	
СОР	2.14	
Heating up time	2:23 h:min	
Standby power input	46.0 W	
Reference hot water temperature	48.0 °C	
Mixed water at 40°C	211	



Model: RBLQ07C2V3 / RKHWMX500C

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Defrost test	passed	



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СОР	2.16
Heating up time	2:23 h:min
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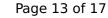
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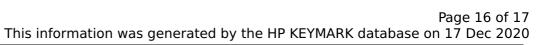
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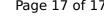
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