

	This information has generated by the in item with		
Summary of	DAIKIN ALTHERMA H ECH2O / ROTEX HPSU MONOBLOC COMPACT 5KW (500L)	Reg. No.	011- 1W0269
Certificate Holder			
Name	DAIKIN Europe N.V.		
Address	Zandvoordestraat 300	Zip	B-8400
City	Oostende	Country	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 5KW (500L)		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R410a		
Mass Of Refrigerant	1.3 kg		



Model: RBLQ05C2V3 / RKHWMXB500C

General Data		
Power supply 1x230V 50Hz		

Heating

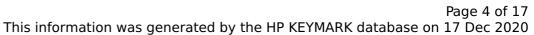
EN 14511-2			
	Low temperature	Medium temperature	
Heat output	4.40 kW	4.20 kW	
El input	0.88 kW	1.56 kW	
СОР	5.00	2.70	
Indoor water flow rate	0.76 m³/h	0.52 m³/h	

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	61 dB(A)	61 dB(A)	

EN 14825		
	Low temperature	Medium temperature
η_{s}	172 %	125 %
Prated	4.40 kW	4.20 kW
SCOP	4.39	3.20
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.01 kW	3.60 kW
COP Tj = -7°C	2.90	1.98
Pdh Tj = +2°C	2.40 kW	2.10 kW
COP Tj = +2°C	4.21	3.10
Pdh Tj = +7°C	1.70 kW	2.80 kW
COP Tj = +7°C	5.85	4.27
Pdh Tj = 12°C	2.04 kW	2.70 kW
COP Tj = 12°C	7.71	6.33
Pdh Tj = Tbiv	4.36 kW	4.20 kW





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COP Tj = Tbiv	2.52	1.65
Pdh Tj = TOL	4.36 kW	4.20 kW
COP Tj = TOL	2.52	1.65
Cdh	1.00	1.00
WTOL	35 °C	55 °C
Poff	8 W	8 W
РТО	6 W	6 W
PSB	8 W	8 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2040 kWh	2679 kWh

Domestic Hot Water (DHW)





$$\operatorname{\textit{Page}}\xspace\:5\:\:\text{of}\:17\:$ This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 16147		
Declared load profile	XL	
Efficiency ηDHW	99 %	
СОР	2.41	
Heating up time	3:05 h:min	
Standby power input	39.0 W	
Reference hot water temperature	48.0 °C	
Mixed water at 40°C	211	



Model: RBLQ05C2V3 / RKHWMX500C

General Data		
Power supply 1x230V 50Hz		

Heating

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	

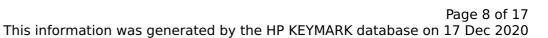
EN 14511-2		
	Low temperature	Medium temperature
Heat output	4.40 kW	4.20 kW
El input	0.88 kW	1.56 kW
СОР	5.00	2.70
Indoor water flow rate	0.76 m³/h	0.52 m³/h



 $$\operatorname{\textit{Page}}\ 7$$ 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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TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.01 kW	3.60 kW
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PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2040 kWh	2679 kWh

Domestic Hot Water (DHW)





 $$\operatorname{\textit{Page}}\xspace$ 9 of 17 This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 16147	
Declared load profile	XL
Efficiency ηDHW	102 %
СОР	2.48
Heating up time	3:05 h:min
Standby power input	39.0 W
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Mixed water at 40°C	237



Model: EBLQ05C2V3 / EKHWMXB500C

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Defrost test	passed	



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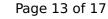
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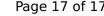
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Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	0.00 kW	0.00 kW
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