

Login

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		
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

Configure model		
Model name RBLQ05C2V3 / RKHWMXB500C		
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	n/a	

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

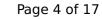
EN 14511-4	
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed

Average Climate



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)

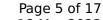
EN 14825		
	Low temperature	Medium temperature
η_{s}	172 %	125 %
Prated	4.40 kW	4.20 kW
SCOP	4.39	3.20
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.01 kW	3.60 kW
COP Tj = -7°C	2.90	1.98
Pdh Tj = +2°C	2.40 kW	2.10 kW
COP Tj = +2°C	4.21	3.10
Pdh Tj = +7°C	1.70 kW	2.80 kW
COP Tj = +7°C	5.85	4.27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





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

Domestic Hot Water (DHW)





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

Configure model		
Model name RBLQ05C2V3 / RKHWMX500C		
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Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	n/a	

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	

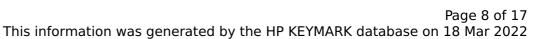
EN 14511-2		
Low temperature Medium temperature		Medium temperature
Heat output	4.40 kW	4.20 kW
El input	0.88 kW	1.56 kW
СОР	5.00	2.70

Average Climate



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
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1.65 4.20 kW 1.65
1.65
1.00
55 °C
8 W
6 W
8 W
0 W
Electricity
0.00 kW
2679 kWh

Domestic Hot Water (DHW)



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	
Reference hot water temperature	48.0 °C	
Mixed water at 40°C	237	



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Climate Zone	n/a	
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Average Climate



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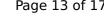


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Supplementary Heater: PSUP	0.00 kW	0.00 kW
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CEN heat pump KEYMARK

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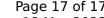


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