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Summary of	DAIKIN ALTHERMA H ECH2O / ROTEX HPSU MONOBLOC COMPACT 7KW (300L)	Reg. No.	011- 1W0270		
Certificate Holder	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 7K	W (300L)			
Heat Pump Type	Outdoor Air/Water				
Refrigerant	R410A				
Mass of Refrigerant	1.45 kg				

Model: RBLQ07C2V3 / RKHWMXB300C

Configure model		
Model name	RBLQ07C2V3 / RKHWMXB300C	
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 14511-4		
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	7.00 kW	6.10 kW
El input	1.55 kW	2.22 kW
СОР	4.52	2.75

Average Climate



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 or Pdh Tj = Tdesignh if TOL < Tdesignh	5.81 kW	3.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.15	1.74
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	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	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.19 kW	3.00 kW
Annual energy consumption Qhe	3460 kWh	3906 kWh

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	L	
Efficiency ηDHW	87 %	
СОР	2.09	
Heating up time	1:35 h:min	
Standby power input	47.0 W	
Reference hot water temperature	48.2 °C	
Mixed water at 40°C	155 l	



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CEN heat pump KEYMARK

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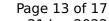
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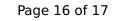
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