

Summary of	DAIKIN ALTHERMA HT SPLIT 14kW	Reg. No.	011-1W0257	
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	TÜV Rheinland Energy GmbH			
Subtype title	DAIKIN ALTHERMA HT SPLIT 14kW			
Heat Pump Type	Outdoor Air/Water			
Refrigerant	R410a			
Mass Of Refrigerant	4.5 kg			
Certification Date	12.06.2018			



Model: ERSQ014AY1 / EKHBRD014ADY17

General Data	
Power supply	3x400V 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	14.40 kW	14.00 kW	
El input	3.87 kW	4.32 kW	
СОР	3.72	3.24	
Indoor water flow rate	2.48 m³/h	1.72 m³/h	

Average Climate





	Low temperature	Medium temperature
η_{s}	110 %	116 %
Prated	14.00 kW	13.00 kW
SCOP	2.81	2.98
Tbiv	-5 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.50 kW	11.40 kW
COP Tj = -7°C	2.46	2.15
Cdh	1.00	1.00
Pdh Tj = +2°C	7.54 kW	7.61 kW
COP Tj = +2°C	2.82	3.02
Cdh	1.00	1.00
Pdh Tj = +7°C	8.03 kW	4.53 kW
COP Tj = +7°C	3.84	3.97
Cdh	1.00	1.00
Pdh Tj = 12°C	8.05 kW	4.68 kW
COP Tj = 12°C	4.29	4.67
Cdh	1.00	0.94
Pdh Tj = Tbiv	11.50 kW	11.40 kW
COP Tj = Tbiv	2.54	2.15
Pdh Tj = TOL	11.40 kW	11.60 kW





COP Tj = TOL	2.39	2.02
Cdh	1.00	1.00
WTOL	35 °C	55 °C
Poff	55 W	55 W
РТО	59 W	59 W
PSB	55 W	55 W
PCK	55 W	55 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	2.59 kW	1.40 kW
Annual energy consumption Qhe	9583 kWh	9000 kWh

EN 12102-1

LN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	60 dB(A)	60 dB(A)
Sound power level outdoor	69 dB(A)	69 dB(A)



Model: ERSQ014AV1 / EKHBRD014ADV17

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			
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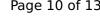
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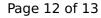
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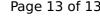
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