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Login

Summary of	DAIKIN ALTHERMA HT SPLIT 14kW		Reg. No.	011-1W0257
Certificate Holder				
Name	Name DAIKIN Europe N.V.			
Address	Zandvoordestraat 300		Zip	B-8400
City	Oostende		Country	Belgium
Certification Body	DIN CERTCO Gesellschaft für Konformit	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH		
Subtype title	DAIKIN ALTHERMA HT SPLIT 14kW			
Heat Pump Type	Outdoor Air/Water			
Refrigerant	R410A	R410A		
Mass of Refrigerant	4.5 kg	4.5 kg		
Certification Date	12.06.2018			



Model: ERSQ014AY1 / EKHBRD014ADY17

Configure model		
Model name	ERSQ014AY1 / EKHBRD014ADY17	
Application	Heating (medium temp)	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

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

Average Climate





EN 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)

EN 14825		
	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 Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	7.54 kW	7.61 kW
COP Tj = +2°C	2.82	3.02
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	8.03 kW	4.53 kW
COP Tj = +7°C	3.84	3.97
Cdh Tj = +7 °C	1.00	1.00





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8.05 kW	4.68 kW
4.29	4.67
1.00	0.94
11.50 kW	11.40 kW
2.54	2.15
11.40 kW	11.60 kW
2.39	2.02
1.00	1.00
35 °C	55 °C
55 W	55 W
59 W	59 W
55 W	55 W
55 W	55 W
Electricity	Electricity
2.59 kW	1.40 kW
9583 kWh	9000 kWh
	4.29 1.00 11.50 kW 2.54 11.40 kW 2.39 1.00 35 °C 55 W 59 W 55 W Electricity 2.59 kW

Model: ERSQ014AV1 / EKHBRD014ADV17

Configure model		
Model name	ERSQ014AV1 / EKHBRD014ADV17	
Application	Heating (medium temp)	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	No	
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		
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Pdh Tj = 12°C	8.05 kW	4.68 kW
COP Tj = 12°C	4.29	4.67
Cdh Tj = +12 °C	1.00	0.94
Pdh Tj = Tbiv	11.50 kW	11.40 kW
COP Tj = Tbiv	2.54	2.15
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.40 kW	11.60 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.39	2.02
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	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	Electricity	Electricity
Supplementary Heater: PSUP	2.59 kW	1.40 kW
Annual energy consumption Qhe	9583 kWh	9000 kWh



Model: ERRQ014AY1 / EKHBRD014ADY17

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Climate Zone	n/a	
Reversibility	No	
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