

This information was generated by the HP KEYMARK database on 17 Dec 2020

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
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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
COP	3.72	3.24
Indoor water flow rate	2.48 m ³ /h	1.72 m ³ /h

Average Climate

EN 14825

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	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

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COP Tj = TOL	2.39	2.02
Cdh	1.00	1.00
WTOL	35 °C	55 °C
Poff	55 W	55 W
PTO	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		
	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
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Heating

EN 14511-4

Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed
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Defrost test	passed

EN 14511-2

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