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Summary of	DAIKIN ALTHERMA HT SPLIT 14kW		Reg. No.	011-1W0257	
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 Konformit	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH			
Subtype title	DAIKIN ALTHERMA HT SPLIT 14kW				
Heat Pump Type	Outdoor Air/Water				
Refrigerant	R410A				
Mass of Refrigerant	4.5 kg				
Certification Date	ate 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 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	
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	





Sound power level outdoor

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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

EN 12102-1 Low temperature Medium temperature Sound power level indoor 60 dB(A) 60 dB(A)

69 dB(A)

69 dB(A)



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		

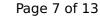
EN 14511-2				
Low temperature Medium temperature				
Heat output	14.40 kW	14.00 kW		
El input	3.87 kW	4.32 kW		
СОР	3.72	3.24		

Average Climate



EN 14825

LN 14025		
	Low temperature	Medium temperature
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COP Tj = +2°C	2.82	3.02
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Pdh Tj = +7°C	8.03 kW	4.53 kW
COP Tj = +7°C	3.84	3.97
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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
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Sound power level outdoor

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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)

69 dB(A)

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Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

General Data		
Power supply	3x400V 50Hz	

Heating

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Complete power supply failure	passed	
Defrost test	passed	

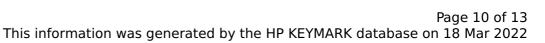
EN 14511-2		
	Low temperature	Medium temperature
Heat output	14.40 kW	14.00 kW
El input	3.87 kW	4.32 kW
СОР	3.72	3.24

Average Climate





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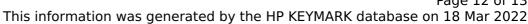
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EN 12102-1

LN 12102-1				
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