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Summary of	DAIKIN ALTHERMA HT SPLIT 11kW	R	eg. No.	011-1W0256
Certificate Holder				
Name	DAIKIN Europe N.V.	DAIKIN Europe N.V.		
Address	Zandvoordestraat 300	Z	ip	B-8400
City	Oostende	C	ountry	Belgium
Certification Body	DIN CERTCO Gesellschaft für Konformi	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH		
Subtype title	DAIKIN ALTHERMA HT SPLIT 11kW	DAIKIN ALTHERMA HT SPLIT 11kW		
Heat Pump Type	Outdoor Air/Water			
Refrigerant	R410A			
Mass of Refrigerant	4.5 kg	4.5 kg		
Certification Date	12.06.2018			

Model: ERSQ011AY1 / EKHBRD011ADY17

Configure model		
Model name	ERSQ011AY1 / EKHBRD011ADY17	
Application	Heating (medium temp)	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

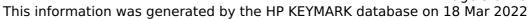
General Data		
Power supply	3x400V 50Hz	

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	11.20 kW	11.00 kW
El input	2.67 kW	3.19 kW
СОР	4.20	3.45

Average Climate





EN 14825		
	Low temperature	Medium temperature
η_{s}	105 %	115 %
Prated	11.00 kW	10.50 kW
SCOP	2.70	2.96
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.47 kW	9.36 kW
COP Tj = -7°C	2.17	2.25
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	6.60 kW	6.22 kW
COP Tj = +2°C	2.83	3.06
Cdh Tj = +2 °C	1.00	0.97
Pdh Tj = +7°C	8.03 kW	4.54 kW
$COP Tj = +7^{\circ}C$	3.84	3.90
Cdh Tj = +7 °C	1.00	0.95
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	9.47 kW	10.50 kW
COP Tj = Tbiv	2.17	2.02





Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	9.58 kW	10.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.07	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	1.42 kW	0.00 kW
Annual energy consumption Qhe	7750 kWh	7306 kWh

EN 12102-1 Low temperature Medium temperature



Model: ERSQ011AV1 / EKHBRD011ADV17

Configure model		
Model name	ERSQ011AV1 / EKHBRD011ADV17	
Application	Heating (medium temp)	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

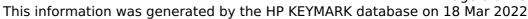
General Data		
Power supply	1x230V 50Hz	

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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Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.42 kW	0.00 kW
Annual energy consumption Qhe	7750 kWh	7306 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	59 dB(A)	59 dB(A)
Sound power level outdoor	68 dB(A)	68 dB(A)



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Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

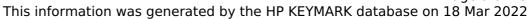
General Data		
Power supply	3x400V 50Hz	

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Defrost test	passed	

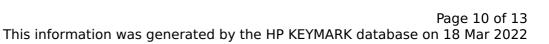
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Supplementary Heater: PSUP	1.42 kW	0.00 kW
Annual energy consumption Qhe	7750 kWh	7306 kWh

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