

Summary of	DAIKIN ALTHERMA HT SPLIT 16kW	Reg. No.	011-1W0258
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 16kW		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R410a		
Mass Of Refrigerant	4.5 kg		
Certification Date	12.06.2018		



# Model: ERSQ016AY1 / EKHBRD016ADY17

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	16.00 kW	16.00 kW
El input	4.31 kW	5.22 kW
СОР	3.72	3.06
Indoor water flow rate	2.75 m³/h	1.97 m³/h

### **Average Climate**





	Low temperature	Medium temperature
$\eta_{s}$	112 %	117 %
Prated	16.00 kW	15.00 kW
SCOP	2.88	3.01
Tbiv	-5 °C	-6 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	12.40 kW	12.10 kW
COP Tj = -7°C	2.45	2.11
Cdh	1.00	1.00
Pdh Tj = +2°C	8.62 kW	8.54 kW
COP Tj = +2°C	2.94	3.01
Cdh	1.00	1.00
Pdh Tj = +7°C	8.03 kW	5.39 kW
COP Tj = +7°C	3.84	4.26
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	12.60 kW	12.60 kW
COP Tj = Tbiv	2.52	2.16
Pdh Tj = TOL	12.00 kW	11.90 kW

EHPA Secretariat | Rue dArlon 63-67 | Phone: +32 2 400 10 17 | Email: secretariat@heatpumpkeymark.com | www.heatpumpkeymark.com





COP Tj = TOL	2.38	2.01
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	3.99 kW	3.10 kW
Annual energy consumption Qhe	10778 kWh	10278 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	60 dB(A)	60 dB(A)
Sound power level outdoor	71 dB(A)	71 dB(A)



# Model: ERSQ016AV1 / EKHBRD016ADV17

General Data		
Power supply	1x230V 50Hz	

### Heating

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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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#### EN 12102-1

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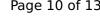
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# $$\operatorname{\textit{Page}}\ 10$$ of 13 This information was generated by the HP KEYMARK database on 17 Dec 2020

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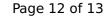
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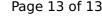
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