

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

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
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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	16.00 kW	16.00 kW
El input	4.31 kW	5.22 kW
COP	3.72	3.06
Indoor water flow rate	2.75 m <sup>3</sup> /h	1.97 m <sup>3</sup> /h

## Average Climate

### EN 14825

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	<b>Low temperature</b>	<b>Medium temperature</b>
$\eta_s$	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

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

<b>EN 12102-1</b>		
	<b>Low temperature</b>	<b>Medium temperature</b>
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
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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	16.00 kW	16.00 kW
El input	4.31 kW	5.22 kW
COP	3.72	3.06
Indoor water flow rate	2.75 m <sup>3</sup> /h	1.97 m <sup>3</sup> /h

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## Heating

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