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Summary of	DAIKIN ALTHERMA HT SPLIT 11kW	Reg. No.	011-1W0256
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		
Subtype title	DAIKIN ALTHERMA HT SPLIT 11kW		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R410A		
Mass of Refrigerant	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
COP	4.20	3.45

## Average Climate

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### 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)

### EN 14825

	Low temperature	Medium temperature
$\eta_s$	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°C	3.84	3.90
Cdh Tj = +7 °C	1.00	0.95

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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	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
PTO	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

# 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		
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PTO	59 W	59 W
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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

# Model: ERRQ011AY1 / EKHBRD011ADY17

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Model name	ERRQ011AY1 / 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

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