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Login

Summary of	DAIKIN ALTHERMA R HYBRID 5KW	Reg. No.	011-1W0313
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 R HYBRID 5KW		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R410A		
Mass of Refrigerant	1.5 kg		
Certification Date	12.04.2019		

Model: EVLQ05CV3 / EHYHBH05AV32 + EHYKOMB33AA(2/3)

Configure model	
Model name	EVLQ05CV3 / EHYHBH05AV32 + EHYKOMB33AA(2/3)
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	4.40 kW	3.71 kW
El input	0.87 kW	1.27 kW
COP	5.04	2.91

Average Climate

EN 12102-1		
	Low temperature	**Medium temperature**
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	61 dB(A)	61 dB(A)

EN 14825		
	Low temperature	**Medium temperature**
η_s	177 %	128 %
Prated	4.40 kW	3.70 kW
SCOP	4.50	3.28
Tbiv	-10 °C	2 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	3.89 kW	3.30 kW
COP Tj = -7°C	2.38	2.38
Pdh Tj = +2°C	2.40 kW	2.00 kW
COP Tj = +2°C	4.41	3.08
Pdh Tj = +7°C	1.70 kW	2.80 kW
COP Tj = +7°C	5.85	4.27
Pdh Tj = 12°C	2.04 kW	2.70 kW
COP Tj = 12°C	7.71	6.33

Pdh Tj = Tbiv	4.40 kW	2.00 kW
COP Tj = Tbiv	2.38	3.08
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.40 kW	3.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.38	2.38
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.00	1.00
WTOL	35 °C	55 °C
Poff	13 W	13 W
PTO	6 W	6 W
PSB	13 W	13 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	27.00 kW	27.00 kW
Annual energy consumption Qhe	1990 kWh	2280 kWh

Model: EVLQ05CV3 / EHYHBH05AV32 + NHYKOMB33AA

Configure model	
Model name	EVLQ05CV3 / EHYHBH05AV32 + NHYKOMB33AA
Application	Heating (medium temp)
Units	Indoor + Outdoor
Climate Zone	n/a
Reversibility	No
Cooling mode application (optional)	n/a

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