

Subtype DAIKIN ALTHERMA R HYBRID 5KW

Certificate Holder	DAIKIN Europe N.V.
Address	Zandvoordestraat 300
ZIP	B-8400
City	Oostende
Country	BE
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH
Subtype title	DAIKIN ALTHERMA R HYBRID 5KW
Registration number	011-1W0313
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)

Model name	EVLQ05CV3 / EHYHBH05AV32 + EHYKOMB33AA(2/3)
Application	Heating (medium temp)
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data

Power supply	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water

EN 14511-4 | Heating

Shutting off the heat transfer medium flow passed

Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating

	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

EN 12102-1 | Average Climate

	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 | Average Climate

	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	3.27 kW
COP Tj = -7°C	2.38	2.38
Cdh Tj = -7 °C		1.000
Pdh Tj = +2°C	2.40 kW	2.00 kW
COP Tj = +2°C	4.41	3.08
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = +7°C	1.70 kW	2.80 kW

COP Tj = +7°C	5.85	4.27
Cdh Tj = +7 °C	0.980	1.000
Pdh Tj = 12°C	2.04 kW	2.70 kW
COP Tj = 12°C	7.71	6.33
Cdh Tj = +12 °C	0.980	1.000
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	1.000	1.000
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	0.00 kW	0.00 kW
Annual energy consumption Qhe	1990 kWh	2280 kWh

Model EVLQ05CV3 / EHYHBH05AV32 + NHYKOMB33AA

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