

Subtype DAIKIN ALTHERMA R HYBRID 8KW

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 8KW
Registration number	011-1W0314
Heat Pump Type	Outdoor Air/Water
Refrigerant	R410A
Mass of Refrigerant	1.6 kg
Certification Date	12.04.2019

Model EVLQ08CV3 / EHYHBH08AV32 + EHYKOMB33AA(2/3)

Model name	EVLQ08CV3 / EHYHBH08AV32 + 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	7.40 kW	6.79 kW
El input	1.66 kW	2.37 kW
COP	4.45	2.87

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
η_s	167 %	127 %
Prated	7.40 kW	6.40 kW
SCOP	4.25	3.24
Tbiv	-8 °C	2 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.55 kW	5.66 kW
COP Tj = -7°C	2.38	2.38
Cdh Tj = -7 °C		1.000
Pdh Tj = +2°C	3.90 kW	3.40 kW
COP Tj = +2°C	4.24	2.99
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = +7°C	2.59 kW	3.50 kW

COP Tj = +7°C	5.75	4.20
Cdh Tj = +7 °C	1.000	1.000
Pdh Tj = 12°C	2.61 kW	3.30 kW
COP Tj = 12°C	7.27	5.82
Cdh Tj = +12 °C	0.980	1.000
Pdh Tj = Tbiv	6.83 kW	3.40 kW
COP Tj = Tbiv	2.38	2.99
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.40 kW	6.20 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	0.20 kW
Annual energy consumption Qhe	3570 kWh	4020 kWh

Model EVLQ08CV3 / EHYHBX08AV3 + EHYKOMB33AA(2/3)

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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

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EN 14825 | Average Climate

	Low temperature	Medium temperature
η_s	168 %	129 %
Prated	7.40 kW	6.40 kW
SCOP	4.28	3.29
Tbiv	-8 °C	2 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.55 kW	5.66 kW
COP Tj = -7°C	2.38	2.38
Cdh Tj = -7 °C		1.000
Pdh Tj = +2°C	3.90 kW	3.40 kW
COP Tj = +2°C	4.24	2.99
Cdh Tj = +2 °C	1.000	1.000
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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	0.20 kW
Annual energy consumption Qhe	3570 kWh	4020 kWh

Model EVLQ08CV3 / EHYHBH08AV32 + NHYKOMB33AA

Model name	EVLQ08CV3 / EHYHBH08AV32 + NHYKOMB33AA
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

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