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

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
ηs	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	5.70 kW
COP Tj = -7°C	2.38	2.38
Pdh Tj = +2°C	3.90 kW	3.40 kW
COP Tj = +2°C	4.24	2.99
Pdh Tj = +7°C	2.59 kW	3.50 kW
COP Tj = +7°C	5.75	4.20
Pdh Tj = 12°C	2.61 kW	3.30 kW
COP Tj = 12°C	7.27	5.82
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	1.00	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	3570 kWh	4020 kWh

Model EVLQ08CV3 / EHYHBX08AV3 + EHYKOMB33AA(2/3)

Model name	EVLQ08CV3 / EHYHBX08AV3 + 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

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
ηs	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	5.70 kW
COP Tj = -7°C	2.38	2.38
Pdh Tj = +2°C	3.90 kW	3.40 kW
COP Tj = +2°C	4.24	2.99
Pdh Tj = +7°C	2.59 kW	3.50 kW
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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	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

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

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
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Any additional heat sources	n/a

General data

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Off-peak product	n/a

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