

This information was generated by the HP KEYMARK database on 17 Dec 2020

Summary of	DAIKIN ALTHERMA R HYBRID 8KW	Reg. No.	011-1W0314
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		
Name of testing laboratory	Danish Technological Institute		
Subtype title	DAIKIN ALTHERMA R HYBRID 8KW		
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)

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2		
	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
Indoor water flow rate	1.27 m ³ /h	0.83 m ³ /h

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

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 12102-1		
	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		
	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	5.70 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

This information was generated by the HP KEYMARK database on 17 Dec 2020

COP Tj = Tbiv	2.38	2.99
Pdh Tj = TOL	7.40 kW	6.20 kW
COP Tj = TOL	2.38	2.38
Cdh	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)**

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2		
	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
Indoor water flow rate	1.27 m ³ /h	0.83 m ³ /h

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

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 12102-1		
	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		
	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	5.70 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

This information was generated by the HP KEYMARK database on 17 Dec 2020

COP Tj = Tbiv	2.38	2.99
Pdh Tj = TOL	7.40 kW	6.20 kW
COP Tj = TOL	2.38	2.38
Cdh	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 / EHYHBH08AV32 + NHYKOMB33AA**

General Data

Power supply	1x230V 50Hz
--------------	-------------

Heating

EN 14511-2

	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
Indoor water flow rate	1.27 m ³ /h	0.83 m ³ /h

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

Average Climate

EN 12102-1		
	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		
	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	5.70 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

This information was generated by the HP KEYMARK database on 17 Dec 2020

COP Tj = Tbiv	2.38	2.99
Pdh Tj = TOL	7.40 kW	6.20 kW
COP Tj = TOL	2.38	2.38
Cdh	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 + NHYKOMB33AA**

General Data

Power supply	1x230V 50Hz
--------------	-------------

Heating

EN 14511-2

	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
Indoor water flow rate	1.27 m ³ /h	0.83 m ³ /h

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

Average Climate

EN 12102-1		
	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		
	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	5.70 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

This information was generated by the HP KEYMARK database on 17 Dec 2020

COP Tj = Tbiv	2.38	2.99
Pdh Tj = TOL	7.40 kW	6.20 kW
COP Tj = TOL	2.38	2.38
Cdh	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