

Summary of	DAIKIN ALTHERMA 3 M 9KW	Reg. No.	011-1W0423
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 (DTI)		
Subtype title	DAIKIN ALTHERMA 3 M 9KW		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass Of Refrigerant	3.8 kg		
Certification Date	27.10.2020		
Testing basis	HP KEYMARK certification scheme rules rev. 7		

Model: EBLA09D(3)V3

General Data	
Power supply 1x230V 50Hz	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	9.37 kW	9.57 kW
El input	1.91 kW	3.29 kW
СОР	4.91	2.91
Indoor water flow rate	1.61 m³/h	1.18 m³/h

EN 14511-4	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

Average Climate



EN 12102-1		
	Low temperature	Medium temperature
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	190 %	135 %
Prated	9.00 kW	9.00 kW
SCOP	4.82	3.44
Tbiv	-9 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	8.50 kW	8.50 kW
COP Tj = -7°C	3.07	2.09
Cdh	1.00	1.00
Pdh Tj = +2°C	5.50 kW	5.00 kW
COP Tj = +2°C	4.52	3.28
Cdh	1.00	1.00
Pdh Tj = +7°C	4.70 kW	4.40 kW
COP Tj = +7°C	6.78	4.80
Cdh	1.00	1.00
Pdh Tj = 12°C	5.50 kW	5.30 kW

EHPA Secretariat | Rue dArlon 63-67 | Phone: +32 2 400 10 17 | Email: secretariat@heatpumpkeymark.com | www.heatpumpkeymark.com





	<u> </u>	
COP Tj = 12°C	8.75	6.45
Cdh	1.00	1.00
Pdh Tj = Tbiv	8.70 kW	8.80 kW
COP Tj = Tbiv	2.75	1.92
Pdh Tj = TOL	8.30 kW	6.80 kW
COP Tj = TOL	2.64	1.70
WTOL	35 °C	55 °C
Poff	23 W	23 W
РТО	23 W	23 W
PSB	23 W	23 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	0.70 kW	2.20 kW
Annual energy consumption Qhe	3854 kWh	5404 kWh

Warmer Climate

EN 14825		
	Low temperature	Medium temperature
η_{s}	243 %	162 %
Prated	9.00 kW	9.00 kW
SCOP	6.20	4.26





2 °C 2 °C	2 °C
2 °C	2 °C
9.00 kW	9.00 kW
3.36	2.12
1.00	1.00
5.90 kW	6.20 kW
5.59	3.65
1.00	1.00
5.20 kW	5.00 kW
7.87	5.68
1.00	1.00
9.00 kW	9.00 kW
3.36	2.12
9.00 kW	9.00 kW
3.36	2.12
35 °C	55 °C
23 W	23 W
23 W	23 W
23 W	23 W
o w	o w
Electrical	Electrical
	1.00 5.90 kW 5.59 1.00 5.20 kW 7.87 1.00 9.00 kW 3.36 9.00 kW 3.36 35 °C 23 W 23 W 23 W





Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	1938 kWh	2820 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level outdoor	62 dB(A)	62 dB(A)

Cooling

EN 14511-2		
	+7°C/+12°C	
El input	2.79 kW	
Indoor water flow rate	1.61 m³/h	
Cooling capacity	9.35	
EER	3.35	

EN 14825





This information was generated by the HP RETMARK database on 17 Dec 2	
	+7°C/+12°C
Pdesignc	9.30 kW
SEER	5.62
Pdc Tj = 35°C	9.40 kW
EER Tj = 35°C	3.35
Pdc Tj = 30°C	7.00 kW
EER Tj = 30°C	4.69
Cdc	1.0
Pdc Tj = 25°C	4.90 kW
EER Tj = 25°C	6.70
Cdc	1.0
Pdc Tj = 20°C	5.70 kW
EER Tj = 20°C	8.22
Cdc	1.0
Poff	23 W
PTO	23 W
PSB	23 W
РСК	o w
Annual energy consumption Qce	993 kWh

Model: EBLA09D(3)W1

General Data	
Power supply 3x400V 50Hz	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	9.37 kW	9.57 kW
El input	1.91 kW	3.29 kW
СОР	4.91	2.91
Indoor water flow rate	1.61 m³/h	1.18 m³/h

EN 14511-4	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

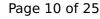
Average Climate



EN 12102-1		
	Low temperature	Medium temperature
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	190 %	135 %
Prated	9.00 kW	9.00 kW
SCOP	4.82	3.44
Tbiv	-9 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	8.50 kW	8.50 kW
COP Tj = -7°C	3.07	2.09
Cdh	1.00	1.00
Pdh Tj = +2°C	5.50 kW	5.00 kW
COP Tj = +2°C	4.52	3.28
Cdh	1.00	1.00
Pdh Tj = +7°C	4.70 kW	4.40 kW
COP Tj = +7°C	6.78	4.80
Cdh	1.00	1.00
Pdh Tj = 12°C	5.50 kW	5.30 kW

EHPA Secretariat | Rue dArlon 63-67 | Phone: +32 2 400 10 17 | Email: secretariat@heatpumpkeymark.com | www.heatpumpkeymark.com





COP Tj = 12°C	8.75	6.45
Cdh	1.00	1.00
Pdh Tj = Tbiv	8.70 kW	8.80 kW
COP Tj = Tbiv	2.75	1.92
Pdh Tj = TOL	8.30 kW	6.80 kW
COP Tj = TOL	2.64	1.70
WTOL	35 °C	55 °C
Poff	23 W	23 W
РТО	23 W	23 W
PSB	23 W	23 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	0.70 kW	2.20 kW
Annual energy consumption Qhe	3854 kWh	5404 kWh

Warmer Climate

EN 14825		
	Low temperature	Medium temperature
η_{s}	243 %	162 %
Prated	9.00 kW	9.00 kW
SCOP	6.20	4.26





	,	milit database on 17 Dec 2021
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	9.00 kW	9.00 kW
COP Tj = +2°C	3.36	2.12
Cdh	1.00	1.00
Pdh Tj = +7°C	5.90 kW	6.20 kW
$COP Tj = +7^{\circ}C$	5.59	3.65
Cdh	1.00	1.00
Pdh Tj = 12°C	5.20 kW	5.00 kW
COP Tj = 12°C	7.87	5.68
Cdh	1.00	1.00
Pdh Tj = Tbiv	9.00 kW	9.00 kW
COP Tj = Tbiv	3.36	2.12
Pdh Tj = TOL	9.00 kW	9.00 kW
COP Tj = TOL	3.36	2.12
WTOL	35 °C	55 °C
Poff	23 W	23 W
РТО	23 W	23 W
PSB	23 W	23 W
РСК	o w	o w
Supplementary Heater: Type of energy input	Electrical	Electrical





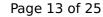
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	1938 kWh	2820 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level outdoor	62 dB(A)	62 dB(A)

Cooling

EN 14511-2	
	+7°C/+12°C
El input	2.79 kW
Indoor water flow rate	1.61 m³/h
Cooling capacity	9.35
EER	3.35

EN 14825





	+7°C/+12°C
Pdesignc	9.30 kW
SEER	5.62
Pdc Tj = 35°C	9.40 kW
EER Tj = 35°C	3.35
Pdc Tj = 30°C	7.00 kW
EER Tj = 30°C	4.69
Cdc	1.0
Pdc Tj = 25°C	4.90 kW
EER Tj = 25°C	6.70
Cdc	1.0
Pdc Tj = 20°C	5.70 kW
EER Tj = 20°C	8.22
Cdc	1.0
Poff	23 W
РТО	23 W
PSB	23 W
PCK	o w
Annual energy consumption Qce	993 kWh



Model: EDLA09D(3)V3

General Data		
Power supply	1x230V 50Hz	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	9.37 kW	9.57 kW
El input	1.91 kW	3.29 kW
СОР	4.91	2.91
Indoor water flow rate	1.61 m³/h	1.18 m³/h

EN 14511-4	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

Average Climate



EN 12102-1		
	Low temperature	Medium temperature
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	186 %	133 %
Prated	9.00 kW	9.00 kW
SCOP	4.72	3.39
Tbiv	-9 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	8.50 kW	8.50 kW
COP Tj = -7°C	3.07	2.09
Cdh	1.00	1.00
Pdh Tj = +2°C	4.50 kW	5.00 kW
COP Tj = +2°C	4.52	3.28
Cdh	1.00	1.00
Pdh Tj = +7°C	4.70 kW	4.40 kW
COP Tj = +7°C	6.78	4.80
Cdh	1.00	1.00
Pdh Tj = 12°C	5.50 kW	5.30 kW

EHPA Secretariat | Rue dArlon 63-67 | Phone: +32 2 400 10 17 | Email: secretariat@heatpumpkeymark.com | www.heatpumpkeymark.com





COP Tj = 12°C	8.75	6.45
Cdh	1.00	1.00
Pdh Tj = Tbiv	8.70 kW	8.80 kW
COP Tj = Tbiv	2.75	1.92
Pdh Tj = TOL	8.30 kW	6.80 kW
COP Tj = TOL	2.64	1.70
WTOL	35 °C	55 °C
Poff	23 W	23 W
РТО	23 W	23 W
PSB	23 W	23 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	0.70 kW	2.20 kW
Annual energy consumption Qhe	3939 kWh	5488 kWh

Warmer Climate

Low temperature	Medium temperature
233 %	
233 /0	162 %
9.00 kW	9.00 kW
5.90	4.12
-	





2 °C 2 °C	2 °C
2 °C	2 °C
9.00 kW	9.00 kW
3.36	2.12
1.00	1.00
5.90 kW	6.20 kW
5.59	3.65
1.00	1.00
5.20 kW	5.00 kW
7.87	5.68
1.00	1.00
9.00 kW	9.00 kW
3.36	2.12
9.00 kW	9.00 kW
3.36	2.12
35 °C	55 °C
23 W	23 W
23 W	23 W
23 W	23 W
o w	o w
Electrical	Electrical
	1.00 5.90 kW 5.59 1.00 5.20 kW 7.87 1.00 9.00 kW 3.36 9.00 kW 3.36 35 °C 23 W 23 W 23 W





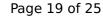
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2039 kWh	2921 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level outdoor	62 dB(A)	62 dB(A)

Cooling

EN 14511-2		
	+7°C/+12°C	
El input	2.79 kW	
Indoor water flow rate	1.61 m³/h	
Cooling capacity	9.35	
EER	3.35	

EN 14825





	+7°C/+12°C
Pdesignc	9.30 kW
SEER	5.62
Pdc Tj = 35°C	9.40 kW
EER Tj = 35°C	3.35
Pdc Tj = 30°C	7.00 kW
EER Tj = 30°C	4.69
Cdc	1.0
Pdc Tj = 25°C	4.90 kW
EER Tj = 25°C	6.70
Cdc	1.0
Pdc Tj = 20°C	5.70 kW
EER Tj = 20°C	8.22
Cdc	1.0
Poff	23 W
РТО	23 W
PSB	23 W
PCK	o w
Annual energy consumption Qce	993 kWh

Model: EDLA09D(3)W1

General Data	
Power supply 3x400V 50Hz	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	9.37 kW	9.57 kW
El input	1.91 kW	3.29 kW
СОР	4.91	2.91
Indoor water flow rate	1.61 m³/h	1.18 m³/h

EN 14511-4	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

Average Climate





EN 12102-1		
	Low temperature	Medium temperature
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	186 %	133 %
Prated	9.00 kW	9.00 kW
SCOP	4.72	3.39
Tbiv	-9 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	8.50 kW	8.50 kW
COP Tj = -7°C	3.07	2.09
Cdh	1.00	1.00
Pdh Tj = +2°C	4.50 kW	5.00 kW
COP Tj = +2°C	4.52	3.28
Cdh	1.00	1.00
Pdh Tj = +7°C	4.70 kW	4.40 kW
COP Tj = +7°C	6.78	4.80
Cdh	1.00	1.00
Pdh Tj = 12°C	5.50 kW	5.30 kW

EHPA Secretariat | Rue dArlon 63-67 | Phone: +32 2 400 10 17 | Email: secretariat@heatpumpkeymark.com | www.heatpumpkeymark.com





COP Tj = 12°C	8.75	6.45
Cdh	1.00	1.00
Pdh Tj = Tbiv	8.70 kW	8.80 kW
COP Tj = Tbiv	2.75	1.92
Pdh Tj = TOL	8.30 kW	6.80 kW
COP Tj = TOL	2.64	1.70
WTOL	35 °C	55 °C
Poff	23 W	23 W
РТО	23 W	23 W
PSB	23 W	23 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	0.70 kW	2.20 kW
Annual energy consumption Qhe	3939 kWh	5488 kWh

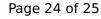
Warmer Climate

EN 14825		
	Low temperature	Medium temperature
η_{s}	233 %	162 %
Prated	9.00 kW	9.00 kW
SCOP	5.90	4.12





	,	milit database on 17 Dec 2021
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	9.00 kW	9.00 kW
COP Tj = +2°C	3.36	2.12
Cdh	1.00	1.00
Pdh Tj = +7°C	5.90 kW	6.20 kW
$COP Tj = +7^{\circ}C$	5.59	3.65
Cdh	1.00	1.00
Pdh Tj = 12°C	5.20 kW	5.00 kW
COP Tj = 12°C	7.87	5.68
Cdh	1.00	1.00
Pdh Tj = Tbiv	9.00 kW	9.00 kW
COP Tj = Tbiv	3.36	2.12
Pdh Tj = TOL	9.00 kW	9.00 kW
COP Tj = TOL	3.36	2.12
WTOL	35 °C	55 °C
Poff	23 W	23 W
РТО	23 W	23 W
PSB	23 W	23 W
РСК	o w	o w
Supplementary Heater: Type of energy input	Electrical	Electrical





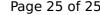
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2039 kWh	2921 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level outdoor	62 dB(A)	62 dB(A)

Cooling

EN 14511-2	
	+7°C/+12°C
El input	2.79 kW
Indoor water flow rate	1.61 m³/h
Cooling capacity	9.35
EER	3.35

EN 14825





 $$\operatorname{\textit{Page}}\xspace$ 25 of 25 This information was generated by the HP KEYMARK database on 17 Dec 2020

	This information was generated by the HP KE	TMARK database on 17 Dec 202
		+7°C/+12°C
Pdesignc		9.30 kW
SEER		5.62
Pdc Tj = 35°C		9.40 kW
EER Tj = 35°C		3.35
Pdc Tj = 30°C		7.00 kW
EER Tj = 30°C		4.69
Cdc		1.0
Pdc Tj = 25°C		4.90 kW
EER Tj = 25°C		6.70
Cdc		1.0
Pdc Tj = 20°C		5.70 kW
EER Tj = 20°C		8.22
Cdc		1.0
Poff		23 W
РТО		23 W
PSB		23 W
PCK		0 W
Annual energy consumption	on Qce	993 kWh