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Login

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		
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		

Disclaimer: this document is a summary of the certified performance.
The authoritative source of this information is the heat pump certificate as executed by the certification body and the related technical data.

Model: EBLA09D(3)V3

Configure model	
Model name	EBLA09D(3)V3
Application	Heating (medium temp)
Units	Outdoor
Climate Zone	Warmer Climate
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C

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
COP	4.91	2.91

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

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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 Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	5.50 kW	5.00 kW
COP Tj = +2°C	4.52	3.28
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.70 kW	4.40 kW
COP Tj = +7°C	6.78	4.80
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	5.50 kW	5.30 kW

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COP Tj = 12°C	8.75	6.45
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	8.70 kW	8.80 kW
COP Tj = Tbiv	2.75	1.92
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.30 kW	6.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.64	1.70
WTOL	35 °C	55 °C
Poff	23 W	23 W
PTO	23 W	23 W
PSB	23 W	23 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
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

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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 Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	5.90 kW	6.20 kW
COP Tj = +7°C	5.59	3.65
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	5.20 kW	5.00 kW
COP Tj = 12°C	7.87	5.68
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	9.00 kW	9.00 kW
COP Tj = Tbiv	3.36	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	9.00 kW	9.00 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.36	2.12
WTOL	35 °C	55 °C
Poff	23 W	23 W
PTO	23 W	23 W
PSB	23 W	23 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity

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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
Cooling capacity	9.35
EER	3.35

EN 14825

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	+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
PCK	0 W
Annual energy consumption Qce	993 kWh

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Model: EBLA09D(3)W1

Configure model	
Model name	EBLA09D(3)W1
Application	Heating (medium temp)
Units	Outdoor
Climate Zone	Warmer Climate
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C

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
COP	4.91	2.91

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

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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 Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	5.50 kW	5.00 kW
COP Tj = +2°C	4.52	3.28
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.70 kW	4.40 kW
COP Tj = +7°C	6.78	4.80
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	5.50 kW	5.30 kW

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COP Tj = 12°C	8.75	6.45
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	8.70 kW	8.80 kW
COP Tj = Tbiv	2.75	1.92
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.30 kW	6.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.64	1.70
WTOL	35 °C	55 °C
Poff	23 W	23 W
PTO	23 W	23 W
PSB	23 W	23 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
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

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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 Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	5.90 kW	6.20 kW
COP Tj = +7°C	5.59	3.65
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	5.20 kW	5.00 kW
COP Tj = 12°C	7.87	5.68
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	9.00 kW	9.00 kW
COP Tj = Tbiv	3.36	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	9.00 kW	9.00 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.36	2.12
WTOL	35 °C	55 °C
Poff	23 W	23 W
PTO	23 W	23 W
PSB	23 W	23 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity

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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
Cooling capacity	9.35
EER	3.35

EN 14825

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	+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
PCK	0 W
Annual energy consumption Qce	993 kWh

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Model: EDLA09D(3)V3

Configure model	
Model name	EDLA09D(3)V3
Application	Heating (medium temp)
Units	Outdoor
Climate Zone	Warmer Climate
Reversibility	No
Cooling mode application (optional)	n/a

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
COP	4.91	2.91

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

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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 Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	4.50 kW	5.00 kW
COP Tj = +2°C	4.52	3.28
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.70 kW	4.40 kW
COP Tj = +7°C	6.78	4.80
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	5.50 kW	5.30 kW

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COP Tj = 12°C	8.75	6.45
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	8.70 kW	8.80 kW
COP Tj = Tbiv	2.75	1.92
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.30 kW	6.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.64	1.70
WTOL	35 °C	55 °C
Poff	23 W	23 W
PTO	23 W	23 W
PSB	23 W	23 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
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

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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 Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	5.90 kW	6.20 kW
COP Tj = +7°C	5.59	3.65
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	5.20 kW	5.00 kW
COP Tj = 12°C	7.87	5.68
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	9.00 kW	9.00 kW
COP Tj = Tbiv	3.36	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	9.00 kW	9.00 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.36	2.12
WTOL	35 °C	55 °C
Poff	23 W	23 W
PTO	23 W	23 W
PSB	23 W	23 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity

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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
Cooling capacity	9.35
EER	3.35

EN 14825

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	+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
PCK	0 W
Annual energy consumption Qce	993 kWh

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Model: EDLA09D(3)W1

Configure model	
Model name	EDLA09D(3)W1
Application	Heating (medium temp)
Units	Outdoor
Climate Zone	Warmer Climate
Reversibility	No
Cooling mode application (optional)	n/a

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
COP	4.91	2.91

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

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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 Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	4.50 kW	5.00 kW
COP Tj = +2°C	4.52	3.28
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.70 kW	4.40 kW
COP Tj = +7°C	6.78	4.80
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	5.50 kW	5.30 kW

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COP Tj = 12°C	8.75	6.45
Cdh Tj = +12 °C	1.00	1.00
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COP Tj = Tbiv	2.75	1.92
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.30 kW	6.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.64	1.70
WTOL	35 °C	55 °C
Poff	23 W	23 W
PTO	23 W	23 W
PSB	23 W	23 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
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

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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 Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	5.90 kW	6.20 kW
COP Tj = +7°C	5.59	3.65
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	5.20 kW	5.00 kW
COP Tj = 12°C	7.87	5.68
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	9.00 kW	9.00 kW
COP Tj = Tbiv	3.36	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	9.00 kW	9.00 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.36	2.12
WTOL	35 °C	55 °C
Poff	23 W	23 W
PTO	23 W	23 W
PSB	23 W	23 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity

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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
Cooling capacity	9.35
EER	3.35

EN 14825

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	+7°C/+12°C
Pdesignc	9.30 kW
SEER	5.62
Pdc Tj = 35°C	9.40 kW
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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
PCK	0 W
Annual energy consumption Qce	993 kWh

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