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<u>Login</u>					
Summary of	DAIKIN ALTHERMA 3 M 14kW	Reg. No.	011-1W0425		
Certificate Holder					
Name	DAIKIN Europe N.V.	DAIKIN Europe N.V.			
Address	Zandvoordestraat 300	Zandvoordestraat 300 Zip B-8400			
City	Oostende	Country	Belgium		
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH				
Subtype title	DAIKIN ALTHERMA 3 M 14kW				
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				

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Model: EBLA14D(3)V3

Configure model		
Model name	EBLA14D(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	12.00 kW	11.87 kW	
El input	2.46 kW	4.11 kW	
СОР	4.87	2.89	

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

Cooling



EN 14511-2		
+7°C/+12°C		
El input	4.06 kW	
Cooling capacity	12.82	
EER	3.16	

EN 14825

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+7°C/+12°C	
Pdesignc	12.80 kW
SEER	5.71
Pdc Tj = 35°C	12.80 kW
EER Tj = 35°C	3.16
Pdc Tj = 30°C	9.90 kW
EER Tj = 30°C	4.57
Cdc	1.0
Pdc Tj = 25°C	6.20 kW
EER Tj = 25°C	6.80
Cdc	1.0
Pdc Tj = 20°C	5.80 kW
EER Tj = 20°C	8.42
Cdc	1.0
Poff	23 W
РТО	23 W
PSB	23 W
РСК	0 W
Annual energy consumption Qce	1340 kWh

Warmer 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	249 %	172 %
Prated	11.00 kW	12.10 kW
SCOP	6.30	4.38
Tbiv	2 °C	3 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	10.80 kW	9.80 kW
COP Tj = +2°C	3.45	2.17
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	7.40 kW	7.60 kW
COP Tj = +7°C	5.77	3.83
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	5.20 kW	5.00 kW
COP Tj = 12°C	7.73	5.69
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	10.80 kW	11.00 kW



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COP Tj = Tbiv	3.45	2.40		
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	10.80 kW	9.80 kW		
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.45	2.17		
WTOL	35 °C	55 °C		
Poff	23 W	23 W		
РТО	23 W	23 W		
PSB	23 W	23 W		
РСК	0 W	0 W		
Supplementary Heater: Type of energy input	Electricity	Electricity		
Supplementary Heater: PSUP	0.00 kW	2.27 kW		
Annual energy consumption Qhe	2333 kWh	3690 kWh		

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	185 %	134 %
Prated	11.00 kW	11.00 kW

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	3.42
4.70	5.42
-10 °C	-6 °C
-10 °C	-10 °C
10.10 kW	9.40 kW
2.95	2.02
	1.00
6.10 kW	6.20 kW
4.35	3.28
1.00	1.00
4.60 kW	4.40 kW
6.70	4.88
1.00	1.00
5.40 kW	5.30 kW
8.65	6.58
1.00	1.00
11.20 kW	9.40 kW
2.51	2.09
11.20 kW	7.80 kW
2.51	1.70
35 °C	55 °C
23 W	23 W
	4.70 -10 °C -10 °C 10.10 kW 2.95 6.10 kW 4.35 1.00 4.60 kW 6.70 1.00 5.40 kW 8.65 1.00 1.00 1.00 2.51 11.20 kW 2.51 35 °C



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РТО	23 W	23 W
PSB	23 W	23 W
РСК	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	3.20 kW
Annual energy consumption Qhe	4838 kWh	6651 kWh

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Model: EBLA14D(3)W1

Configure model		
Model name	EBLA14D(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	12.00 kW	11.87 kW		
El input	2.46 kW	4.11 kW		
СОР	4.87	2.89		

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

Cooling



EN 14511-2			
+7°C/+12°C			
El input	4.06 kW		
Cooling capacity	12.82		
EER	3.16		

EN 14825

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	+7°C/+12°C	
Pdesignc	12.80 kW	
SEER	5.71	
Pdc Tj = 35°C	12.80 kW	
EER Tj = 35°C	3.16	
Pdc Tj = 30°C	9.90 kW	
EER Tj = 30°C	4.57	
Cdc	1.0	
Pdc Tj = 25°C	6.20 kW	
EER Tj = 25°C	6.80	
Cdc	1.0	
Pdc Tj = 20°C	5.80 kW	
EER Tj = 20°C	8.42	
Cdc	1.0	
Poff	23 W	
РТО	23 W	
PSB	23 W	
РСК	0 W	
Annual energy consumption Qce	1340 kWh	

Warmer 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	249 %	172 %
Prated	11.00 kW	12.10 kW
SCOP	6.30	4.38
Tbiv	2 °C	3 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	10.80 kW	9.80 kW
COP Tj = +2°C	3.45	2.17
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	7.40 kW	7.60 kW
COP Tj = +7°C	5.77	3.83
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	5.20 kW	5.00 kW
COP Tj = 12°C	7.73	5.69
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	10.80 kW	11.00 kW



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3.45	2.40		
10.80 kW	9.80 kW		
3.45	2.17		
35 °C	55 °C		
23 W	23 W		
23 W	23 W		
23 W	23 W		
0 W	0 W		
Electricity	Electricity		
0.00 kW	2.27 kW		
2333 kWh	3690 kWh		
	3.45 10.80 kW 3.45 35 °C 23 W 23 W 23 W 0 W Electricity 0.00 kW		

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	185 %	134 %
Prated	11.00 kW	11.00 kW

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SCOP	4.70	3.42
Tbiv	-10 °C	-6 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.10 kW	9.40 kW
COP Tj = -7°C	2.95	2.02
Cdh Tj = -7 °C		1.00
Pdh Tj = +2°C	6.10 kW	6.20 kW
COP Tj = +2°C	4.35	3.28
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.60 kW	4.40 kW
COP Tj = +7°C	6.70	4.88
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	5.40 kW	5.30 kW
COP Tj = 12°C	8.65	6.58
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	11.20 kW	9.40 kW
COP Tj = Tbiv	2.51	2.09
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.20 kW	7.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.51	1.70
WTOL	35 °C	55 °C
Poff	23 W	23 W



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РТО	23 W	23 W
PSB	23 W	23 W
РСК	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	3.20 kW
Annual energy consumption Qhe	4838 kWh	6651 kWh

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Model: EDLA14D(3)V3

Configure model		
Model name	EDLA14D(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	12.00 kW	11.87 kW
El input	2.46 kW	4.11 kW
СОР	4.87	2.89

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

Cooling



EN 14511-2		
+7°C/+12°C		
El input	4.06 kW	
Cooling capacity	12.82	
EER	3.16	

EN 14825

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This information was generated by the HP KEYMARK database on 22 Jun		
	+7°C/+12°C	
Pdesignc	12.80 kW	
SEER	5.71	
Pdc Tj = 35°C	12.80 kW	
EER Tj = 35°C	3.16	
Pdc Tj = 30°C	9.90 kW	
EER Tj = 30°C	4.57	
Cdc	1.0	
Pdc Tj = 25°C	6.20 kW	
EER Tj = 25°C	6.80	
Cdc	1.0	
Pdc Tj = 20°C	5.80 kW	
EER Tj = 20°C	8.42	
Cdc	1.0	
Poff	23 W	
РТО	23 W	
PSB	23 W	
РСК	0 W	
Annual energy consumption Qce	1340 kWh	

Warmer 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	238 %	168 %
Prated	11.00 kW	12.10 kW
SCOP	6.04	4.26
Tbiv	2 °C	3 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	10.80 kW	9.80 kW
COP Tj = +2°C	3.45	2.17
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	7.40 kW	7.60 kW
COP Tj = +7°C	5.77	3.83
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	5.20 kW	5.00 kW
COP Tj = 12°C	7.73	5.69
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	10.80 kW	11.00 kW



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	,	,
COP Tj = Tbiv	3.45	2.40
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	10.80 kW	9.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.45	2.17
WTOL	35 °C	55 °C
Poff	23 W	23 W
РТО	23 W	23 W
PSB	23 W	23 W
РСК	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	2.27 kW
Annual energy consumption Qhe	2435 kWh	3792 kWh

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	182 %	132 %
Prated	11.00 kW	11.00 kW

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SCOP	4.62	3.37
Tbiv	-10 °C	-6 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.10 kW	9.40 kW
COP Tj = -7°C	2.95	2.02
Cdh Tj = -7 °C		1.00
Pdh Tj = +2°C	6.10 kW	6.20 kW
COP Tj = +2°C	4.35	3.28
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.60 kW	4.40 kW
COP Tj = +7°C	6.70	4.88
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	5.40 kW	5.30 kW
COP Tj = 12°C	8.65	6.58
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	11.20 kW	9.40 kW
COP Tj = Tbiv	2.51	2.09
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.20 kW	7.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.51	1.70
WTOL	35 °C	55 °C
Poff	23 W	23 W



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РТО	23 W	23 W
PSB	23 W	23 W
РСК	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	3.20 kW
Annual energy consumption Qhe	4923 kWh	6735 kWh

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Model: EDLA14D(3)W1

Configure model		
Model name	EDLA14D(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	12.00 kW	11.87 kW	
El input	2.46 kW	4.11 kW	
СОР	4.87	2.89	

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

Cooling



EN 14511-2		
+7°C/+12°C		
El input	4.06 kW	
Cooling capacity	12.82	
EER	3.16	

EN 14825

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This information was generated by the HP KEYMARK database on 22 Jun 20		
	+7°C/+12°C	
Pdesignc	12.80 kW	
SEER	5.71	
Pdc Tj = 35°C	12.80 kW	
EER Tj = 35°C	3.16	
Pdc Tj = 30°C	9.90 kW	
EER Tj = 30°C	4.57	
Cdc	1.0	
Pdc Tj = 25°C	6.20 kW	
EER Tj = 25°C	6.80	
Cdc	1.0	
Pdc Tj = 20°C	5.80 kW	
EER Tj = 20°C	8.42	
Cdc	1.0	
Poff	23 W	
РТО	23 W	
PSB	23 W	
РСК	0 W	
Annual energy consumption Qce	1340 kWh	

Warmer 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	238 %	168 %
Prated	11.00 kW	12.10 kW
SCOP	6.04	4.26
Tbiv	2 °C	3 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	10.80 kW	9.80 kW
COP Tj = +2°C	3.45	2.17
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	7.40 kW	7.60 kW
COP Tj = +7°C	5.77	3.83
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	5.20 kW	5.00 kW
COP Tj = 12°C	7.73	5.69
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	10.80 kW	11.00 kW



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	,	
COP Tj = Tbiv	3.45	2.40
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	10.80 kW	9.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.45	2.17
WTOL	35 °C	55 °C
Poff	23 W	23 W
РТО	23 W	23 W
PSB	23 W	23 W
РСК	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	2.27 kW
Annual energy consumption Qhe	2435 kWh	3792 kWh

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	182 %	132 %
Prated	11.00 kW	11.00 kW

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SCOP	4.62	3.37
Tbiv	-10 °C	-6 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.10 kW	9.40 kW
COP Tj = -7°C	2.95	2.02
Cdh Tj = -7 °C		1.00
Pdh Tj = +2°C	6.10 kW	6.20 kW
COP Tj = +2°C	4.35	3.28
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.60 kW	4.40 kW
COP Tj = +7°C	6.70	4.88
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	5.40 kW	5.30 kW
COP Tj = 12°C	8.65	6.58
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	11.20 kW	9.40 kW
COP Tj = Tbiv	2.51	2.09
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.20 kW	7.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.51	1.70
WTOL	35 °C	55 °C
Poff	23 W	23 W



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РТО	23 W	23 W
PSB	23 W	23 W
РСК	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	3.20 kW
Annual energy consumption Qhe	4923 kWh	6735 kWh