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Login

Summary of	DAIKIN ALTHERMA 3 M 4kW	Reg. No.	011-1W0527	
Certificate Holder				
Name	DAIKIN Europe N.V.	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 4kW			
Heat Pump Type	Outdoor Air/Water			
Refrigerant	R32			
Mass of Refrigerant	1.35 kg			
Certification Date	18.05.2022			
Testing basis	HP KEYMARK certification scheme rules rev. 9			



Model: EBLA04E3V3

Configure model		
Model name	EBLA04E3V3	
Application	Heating (medium temp)	
Units	Outdoor	
Climate Zone	n/a	
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	4.30 kW	4.90 kW
El input	0.84 kW	1.85 kW
СОР	5.10	2.65

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	1.36 kW
Cooling capacity	4.52
EER	3.32

EN 14825





This information was generated by the Hill Re	+7°C/+12°C
Pdesignc	4.50 kW
SEER	5.25
Pdc Tj = 35°C	4.52 kW
EER Tj = 35°C	3.32
Pdc Tj = 30°C	3.14 kW
EER Tj = 30°C	4.92
Cdc	0.988
Pdc Tj = 25°C	2.43 kW
EER Tj = 25°C	6.06
Cdc	0.975
Pdc Tj = 20°C	2.50 kW
EER Tj = 20°C	6.98
Cdc	0.972
Poff	10 W
РТО	10 W
PSB	10 W
PCK	o w
Annual energy consumption Qce	518 kWh

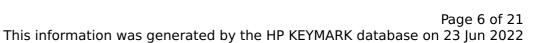
Average Climate



EN 12102-1		
	Low temperature	Medium temperature
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	179 %	129 %
Prated	6.0 kW	6.0 kW
SCOP	4.54	3.29
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.5 kW	5.3 kW
COP Tj = -7°C	2.90	1.97
Cdh Tj = -7 °C	1.0	1.0
Pdh Tj = +2°C	3.3 kW	3.3 kW
COP Tj = +2°C	4.33	3.23
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	3.2 kW	3.0 kW
COP Tj = +7°C	6.19	4.40
Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	3.3 kW	3.3 kW

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COP Tj = 12°C	7.78	6.10
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	5.5 kW	5.3 kW
COP Tj = Tbiv	2.90	1.97
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.2 kW	4.0 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.56	1.37
WTOL	35 °C	55 °C
Poff	10 W	10 W
PTO	10 W	10 W
PSB	10 W	10 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.8 kW	2.0 kW
Annual energy consumption Qhe	2729 kWh	3769 kWh

CEN heat pump KEYMARK



Model: EBLA04EV3

Configure model		
Model name	EBLA04EV3	
Application	Heating (medium temp)	
Units	Outdoor	
Climate Zone	n/a	
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	4.30 kW	4.90 kW	
El input	0.84 kW	1.85 kW	
СОР	5.10	2.65	

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	1.36 kW
Cooling capacity	4.52
EER	3.32

EN 14825





This information was generated by the Hill Re	+7°C/+12°C
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Pdc Tj = 20°C	2.50 kW
EER Tj = 20°C	6.98
Cdc	0.972
Poff	10 W
РТО	10 W
PSB	10 W
PCK	o w
Annual energy consumption Qce	518 kWh

Average Climate





EN 12102-1		
	Low temperature	Medium temperature
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	179 %	129 %
Prated	6.0 kW	6.0 kW
SCOP	4.54	3.29
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.5 kW	5.3 kW
COP Tj = -7°C	2.90	1.97
Cdh Tj = -7 °C	1.0	1.0
Pdh Tj = +2°C	3.3 kW	3.3 kW
COP Tj = +2°C	4.33	3.23
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	3.2 kW	3.0 kW
COP Tj = +7°C	6.19	4.40
Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	3.3 kW	3.3 kW

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COP Tj = 12°C	7.78	6.10
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	5.5 kW	5.3 kW
COP Tj = Tbiv	2.90	1.97
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.2 kW	4.0 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.56	1.37
WTOL	35 °C	55 °C
Poff	10 W	10 W
РТО	10 W	10 W
PSB	10 W	10 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.8 kW	2.0 kW
Annual energy consumption Qhe	2729 kWh	3769 kWh



Model: EDLA04E3V3

Configure model		
Model name	EDLA04E3V3	
Application	Heating (medium temp)	
Units	Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

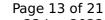
General Data		
Power supply	1x230V 50Hz	

Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	4.30 kW	4.90 kW	
El input	0.84 kW	1.85 kW	
СОР	5.10	2.65	

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

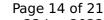
Cooling





EN 14511-2	
+7°C/+12°C	
El input	1.36 kW
Cooling capacity	4.52
EER	3.32

EN 14825





	+7°C/+12°C
Pdesignc	4.50 kW
SEER	5.25
Pdc Tj = 35°C	4.52 kW
EER Tj = 35°C	3.32
Pdc Tj = 30°C	3.14 kW
EER Tj = 30°C	4.92
Cdc	1.000
Pdc Tj = 25°C	2.43 kW
EER Tj = 25°C	6.06
Cdc	1.000
Pdc Tj = 20°C	2.50 kW
EER Tj = 20°C	6.98
Cdc	1.000
Poff	10 W
РТО	10 W
PSB	10 W
PCK	o w
Annual energy consumption Qce	518 kWh

Average Climate



EN 12102-1		
	Low temperature	Medium temperature
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	176 %	127 %
Prated	6.0 kW	6.0 kW
SCOP	4.48	3.26
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.5 kW	5.3 kW
$COPTj = -7^{\circ}C$	2.90	1.97
Cdh Tj = -7 °C	1.0	1.0
Pdh Tj = +2°C	3.3 kW	3.3 kW
COP Tj = +2°C	4.33	3.23
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = $+7^{\circ}$ C	3.2 kW	3.0 kW
$COP Tj = +7^{\circ}C$	6.19	4.40
Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	3.3 kW	3.3 kW

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COP Tj = 12°C	7.78	6.10
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	5.5 kW	5.3 kW
COP Tj = Tbiv	2.90	1.97
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.2 kW	4.0 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.56	1.37
WTOL	35 °C	55 °C
Poff	10 W	10 W
РТО	10 W	10 W
PSB	10 W	10 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.8 kW	2.0 kW
Annual energy consumption Qhe	2766 kWh	3806 kWh



Model: EDLA04EV3

Configure model		
Model name EDLA04EV3		
Application	Heating (medium temp)	
Units	Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

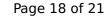
General Data		
Power supply	1x230V 50Hz	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	4.30 kW	4.90 kW
El input	0.84 kW	1.85 kW
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Shutting off the heat transfer medium flow	passed
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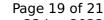
Cooling





EN 14511-2			
+7°C/+12°C			
El input	1.36 kW		
Cooling capacity	4.52		
EER	3.32		

EN 14825





	+7°C/+12°C
Pdesignc	4.50 kW
SEER	5.25
Pdc Tj = 35°C	4.52 kW
EER Tj = 35°C	3.32
Pdc Tj = 30°C	3.14 kW
EER Tj = 30°C	4.92
Cdc	1.000
Pdc Tj = 25°C	2.43 kW
EER Tj = 25°C	6.06
Cdc	1.000
Pdc Tj = 20°C	2.50 kW
EER Tj = 20°C	6.98
Cdc	1.000
Poff	10 W
РТО	10 W
PSB	10 W
PCK	o w
Annual energy consumption Qce	518 kWh

Average Climate



EN 12102-1		
	Low temperature	Medium temperature
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	176 %	127 %
Prated	6.0 kW	6.0 kW
SCOP	4.48	3.26
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.5 kW	5.3 kW
COP Tj = -7°C	2.90	1.97
Cdh Tj = -7 °C	1.0	1.0
Pdh Tj = +2°C	3.3 kW	3.3 kW
COP Tj = +2°C	4.33	3.23
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	3.2 kW	3.0 kW
$COP Tj = +7^{\circ}C$	6.19	4.40
Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	3.3 kW	3.3 kW

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PCK	o w	o w
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Supplementary Heater: PSUP	0.8 kW	2.0 kW
Annual energy consumption Qhe	2766 kWh	3806 kWh