Login

Summary of	DAIKIN ALTHERMA 3 M 4kW	Reg. No.	011-1W0527
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 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
COP	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

	+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
PTO	10 W
PSB	10 W
PCK	0 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

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	0 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

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
COP	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

	+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
PTO	10 W
PSB	10 W
PCK	0 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

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	0 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

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
COP	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

	+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
PTO	10 W
PSB	10 W
PCK	0 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
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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	0 W	0 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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Defrost test	passed
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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
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Annual energy consumption Qce	518 kWh

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