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Summary of	DAIKIN ALTHERMA 3 M 6kW	Reg. No.	011-1W0528
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 6kW		
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: EBLA06E3V3

Configure model

Model name	EBLA06E3V3
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
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Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	6.00 kW	5.80 kW
El input	1.24 kW	2.15 kW
COP	4.85	2.70

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	1.55 kW
Cooling capacity	5.09
EER	3.28

EN 14825

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	+7°C/+12°C
P _{designc}	5.10 kW
SEER	5.31
P _{dc} T _j = 35°C	5.09 kW
EER T _j = 35°C	3.28
P _{dc} T _j = 30°C	3.75 kW
EER T _j = 30°C	4.75
C _{dc}	0.987
P _{dc} T _j = 25°C	2.47 kW
EER T _j = 25°C	6.21
C _{dc}	0.975
P _{dc} T _j = 20°C	2.52 kW
EER T _j = 20°C	7.08
C _{dc}	0.972
P _{off}	10 W
PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Q _{ce}	576 kWh

Average Climate

This information was generated by the HP KEYMARK database on 23 Jun 2022

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	178 %	128 %
Prated	7.0 kW	7.0 kW
SCOP	4.52	3.28
Tbiv	-6 °C	-6 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.0 kW	5.9 kW
COP Tj = -7°C	2.86	1.98
Cdh Tj = -7 °C	1.0	1.0
Pdh Tj = +2°C	3.9 kW	3.9 kW
COP Tj = +2°C	4.25	3.16
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	3.2 kW	3.0 kW
COP Tj = +7°C	6.30	4.49
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	6.1 kW	6.1 kW
COP Tj = Tbiv	3.07	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.0 kW	5.4 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.49	1.53
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	1.0 kW	1.6 kW
Annual energy consumption Qhe	3196 kWh	4405 kWh

Model: EBLA06EV3

Configure model

Model name	EBLA06EV3
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
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Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	6.00 kW	5.80 kW
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COP	4.85	2.70

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
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EN 14825

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EER T _j = 20°C	7.08
C _{dc}	0.972
P _{off}	10 W
PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Q _{ce}	576 kWh

Average Climate

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EN 14825

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Prated	7.0 kW	7.0 kW
SCOP	4.52	3.28
Tbiv	-6 °C	-6 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.0 kW	5.9 kW
COP Tj = -7°C	2.86	1.98
Cdh Tj = -7 °C	1.0	1.0
Pdh Tj = +2°C	3.9 kW	3.9 kW
COP Tj = +2°C	4.25	3.16
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	3.2 kW	3.0 kW
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Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	3.3 kW	3.3 kW

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Pdh Tj = Tbiv	6.1 kW	6.1 kW
COP Tj = Tbiv	3.07	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.0 kW	5.4 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.49	1.53
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	1.0 kW	1.6 kW
Annual energy consumption Qhe	3196 kWh	4405 kWh

Model: EDLA06E3V3

Configure model

Model name	EDLA06E3V3
Application	Heating (medium temp)
Units	Outdoor
Climate Zone	n/a
Reversibility	No
Cooling mode application (optional)	n/a

General Data

Power supply	1x230V 50Hz
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Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	6.00 kW	5.80 kW
El input	1.24 kW	2.15 kW
COP	4.85	2.70

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

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P _{designc}	5.10 kW
SEER	5.31
P _{dc} T _j = 35°C	5.09 kW
EER T _j = 35°C	3.28
P _{dc} T _j = 30°C	3.75 kW
EER T _j = 30°C	4.75
C _{dc}	1.000
P _{dc} T _j = 25°C	2.47 kW
EER T _j = 25°C	6.21
C _{dc}	1.000
P _{dc} T _j = 20°C	2.52 kW
EER T _j = 20°C	7.08
C _{dc}	1.000
P _{off}	10 W
PTO	10 W
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PCK	0 W
Annual energy consumption Q _{ce}	576 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	7.0 kW	7.0 kW
SCOP	4.47	3.26
Tbiv	-6 °C	-6 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.0 kW	5.9 kW
COP Tj = -7°C	2.86	1.98
Cdh Tj = -7 °C	1.0	1.0
Pdh Tj = +2°C	3.9 kW	3.9 kW
COP Tj = +2°C	4.25	3.16
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	3.2 kW	3.0 kW
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COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.49	1.53
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	1.0 kW	1.6 kW
Annual energy consumption Qhe	3233 kWh	4441 kWh

Model: EDLA06EV3

Configure model

Model name	EDLA06EV3
Application	Heating (medium temp)
Units	Outdoor
Climate Zone	n/a
Reversibility	No
Cooling mode application (optional)	n/a

General Data

Power supply	1x230V 50Hz
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Heating

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