

Subtype DAIKIN ALTHERMA 3 M 6kW

Certificate Holder	DAIKIN Europe N.V.
Address	Zandvoordestraat 300
ZIP	B-8400
City	Oostende
Country	BE
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH
Subtype title	DAIKIN ALTHERMA 3 M 6kW
Registration number	011-1W0528
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

Model name	EBLA06E3V3
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	Warmer Climate
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C
Any additional heat sources	n/a

General data

Power supply	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water

EN 14511-4 | Heating

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

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
η_s	178 %	128 %
Prated	7 kW	7 kW
SCOP	4.52	3.28
Tbiv	-6 °C	-6 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6 kW	5.9 kW
COP Tj = -7°C	2.86	1.98
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	3.9 kW	3.9 kW
COP Tj = +2°C	4.25	3.16
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	3.2 kW	3 kW
COP Tj = +7°C	6.3	4.49
Cdh Tj = +7 °C	1	1
Pdh Tj = 12°C	3.3 kW	3.3 kW
COP Tj = 12°C	7.78	6.1
Cdh Tj = +12 °C	1	1
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	6.01 kW	5.36 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	0.99 kW	1.64 kW
Annual energy consumption Qhe	3196 kWh	4405 kWh

EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
η_s	257 %	162 %
Prated	6 kW	5.6 kW
SCOP	6.51	4.13
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	6 kW	5.6 kW
COP Tj = +2°C	3.5	2.15
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	3.9 kW	3.6 kW
COP Tj = +7°C	5.92	3.45
Cdh Tj = +7 °C	1	1
Pdh Tj = 12°C	2.7 kW	2.3 kW
COP Tj = 12°C	8	5.48
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	6 kW	5.6 kW
COP Tj = Tbiv	3.5	2.15
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6 kW	5.6 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.5	2.15
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1	1
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 kW	0 kW
Annual energy consumption Q _{he}	1232 kWh	1813 kWh

Model EBLA06EV3

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Cooling mode application (optional)	+7°C/12°C
Any additional heat sources	n/a

General data

Power supply	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water

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Cdh Tj = -7 °C	1	1
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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	0.99 kW	1.64 kW
Annual energy consumption Qhe	3196 kWh	4405 kWh

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Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6 kW	5.6 kW
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WTOL	35 °C	55 °C
Poff	10 W	10 W
PTO	10 W	10 W
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Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0 kW	0 kW
Annual energy consumption Q _{he}	1232 kWh	1813 kWh

Model EDLA06E3V3

Model name	EDLA06E3V3
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	Warmer Climate
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data

Power supply	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water

EN 14511-4 | Heating

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

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
η_s	176 %	127 %
Prated	7 kW	7 kW
SCOP	4.47	3.26
Tbiv	-6 °C	-6 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6 kW	5.9 kW
COP Tj = -7°C	2.86	1.98
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	3.9 kW	3.9 kW
COP Tj = +2°C	4.25	3.16
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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	0.99 kW	1.64 kW
Annual energy consumption Qhe	3233 kWh	4441 kWh

EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
η_s	249 %	158 %
Prated	6 kW	5.6 kW
SCOP	6.28	4.03
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	6 kW	5.6 kW
COP Tj = +2°C	3.5	2.15
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	3.9 kW	3.6 kW
COP Tj = +7°C	5.92	3.45
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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 kW	0 kW
Annual energy consumption Q _{he}	1276 kWh	1858 kWh

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Supplementary Heater: PSUP	0 kW	0 kW
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