

Subtype DAIKIN ALTHERMA 3 M 14kW

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 14kW
Registration number	011-1W0425
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

Model EBLA14D(3)V3

Model name	EBLA14D(3)V3
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	62 dB(A)	62 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
η_s	185 %	134 %
Prated	11.00 kW	11.00 kW
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
PTO	23 W	23 W
PSB	23 W	23 W
PCK	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

EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825 | Warmer Climate

	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
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
PTO	23 W	23 W
PSB	23 W	23 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity

Supplementary Heater: PSUP	0.00 kW	2.27 kW
Annual energy consumption Q _{he}	2333 kWh	3690 kWh

Model EBLA14D(3)W1

Model name	EBLA14D(3)W1
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	3x400V 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	62 dB(A)	62 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
η_s	185 %	134 %
Prated	11.00 kW	11.00 kW
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
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PTO	23 W	23 W
PSB	23 W	23 W
PCK	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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WTOL	35 °C	55 °C
Poff	23 W	23 W
PTO	23 W	23 W
PSB	23 W	23 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity

Supplementary Heater: PSUP	0.00 kW	2.27 kW
Annual energy consumption Q _{he}	2333 kWh	3690 kWh

Model EDLA14D(3)V3

Model name	EDLA14D(3)V3
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	62 dB(A)	62 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
η_s	182 %	132 %
Prated	11.00 kW	11.00 kW
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
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WTOL	35 °C	55 °C
Poff	23 W	23 W
PTO	23 W	23 W
PSB	23 W	23 W
PCK	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

EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825 | Warmer Climate

	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
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PTO	23 W	23 W
PSB	23 W	23 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity

Supplementary Heater: PSUP	0.00 kW	2.27 kW
Annual energy consumption Q _{he}	2435 kWh	3792 kWh

Model EDLA14D(3)W1

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Units	Outdoor
Climate zone (for heating)	Warmer Climate
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data

Power supply	3x400V 50Hz
Off-peak product	n/a

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