

Subtype DAIKIN ALTHERMA 3 M 11kW

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 11kW
Registration number	011-1W0424
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 EBLA11D(3)V3

Model name	EBLA11D(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	186 %	132 %
Prated	10.00 kW	10.00 kW
SCOP	4.73	3.37
Tbiv	-10 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.20 kW	9.30 kW
COP Tj = -7°C	3.03	1.90
Cdh Tj = -7 °C		1.00
Pdh Tj = +2°C	5.50 kW	5.40 kW
COP Tj = +2°C	4.37	3.25
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.60 kW	4.40 kW
COP Tj = +7°C	6.74	4.81
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	5.40 kW	5.30 kW
COP Tj = 12°C	8.54	6.41
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	10.10 kW	9.30 kW
COP Tj = Tbiv	2.58	1.90

Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	10.10 kW	7.60 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.58	1.64
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	2.40 kW
Annual energy consumption Qhe	4371 kWh	6134 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
ηs	248 %	170 %
Prated	10.00 kW	10.00 kW
SCOP	6.28	4.33
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	10.30 kW	9.80 kW
COP Tj = +2°C	3.30	2.18
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	6.70 kW	6.20 kW
COP Tj = +7°C	5.70	3.74
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	5.20 kW	5.00 kW
COP Tj = 12°C	7.87	5.68
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	10.30 kW	9.80 kW
COP Tj = Tbiv	3.30	2.18
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	10.30 kW	9.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.30	2.18
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	0.00 kW
Annual energy consumption Q _{he}	2128 kWh	3083 kWh

Model EBLA11D(3)W1

Model name	EBLA11D(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	186 %	132 %
Prated	10.00 kW	10.00 kW
SCOP	4.73	3.37
Tbiv	-10 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.20 kW	9.30 kW
COP Tj = -7°C	3.03	1.90
Cdh Tj = -7 °C		1.00
Pdh Tj = +2°C	5.50 kW	5.40 kW
COP Tj = +2°C	4.37	3.25
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.60 kW	4.40 kW
COP Tj = +7°C	6.74	4.81
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	5.40 kW	5.30 kW
COP Tj = 12°C	8.54	6.41
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	10.10 kW	9.30 kW
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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	2.40 kW
Annual energy consumption Qhe	4371 kWh	6134 kWh

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EN 14825 | Warmer Climate

	Low temperature	Medium temperature
η_s	248 %	170 %
Prated	10.00 kW	10.00 kW
SCOP	6.28	4.33
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	10.30 kW	9.80 kW
COP Tj = +2°C	3.30	2.18
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	6.70 kW	6.20 kW
COP Tj = +7°C	5.70	3.74
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	5.20 kW	5.00 kW
COP Tj = 12°C	7.87	5.68
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	10.30 kW	9.80 kW
COP Tj = Tbiv	3.30	2.18
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	10.30 kW	9.80 kW
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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	0.00 kW
Annual energy consumption Q _{he}	2128 kWh	3083 kWh

Model EDLA11D(3)V3

Model name	EDLA11D(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 %	130 %
Prated	10.00 kW	10.00 kW
SCOP	4.64	3.32
Tbiv	-10 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.20 kW	9.30 kW
COP Tj = -7°C	3.03	1.90
Cdh Tj = -7 °C		1.00
Pdh Tj = +2°C	5.50 kW	5.40 kW
COP Tj = +2°C	4.37	3.25
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.60 kW	4.40 kW
COP Tj = +7°C	6.74	4.81
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	5.40 kW	5.30 kW
COP Tj = 12°C	8.54	6.41
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	10.10 kW	9.30 kW
COP Tj = Tbiv	2.58	1.90

Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	10.10 kW	7.60 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.58	1.64
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	2.40 kW
Annual energy consumption Qhe	4456 kWh	6281 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	237 %	165 %
Prated	10.00 kW	10.00 kW
SCOP	5.99	4.19
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	10.30 kW	9.80 kW
COP Tj = +2°C	3.30	2.18
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	6.70 kW	6.20 kW
COP Tj = +7°C	5.70	3.74
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	5.20 kW	5.00 kW
COP Tj = 12°C	7.87	5.68
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	10.30 kW	9.80 kW
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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	0.00 kW
Annual energy consumption Q _{he}	2230 kWh	3184 kWh

Model EDLA11D(3)W1

Model name	EDLA11D(3)W1
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	3x400V 50Hz
Off-peak product	n/a

Outdoor Air/Water

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

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EN 14825 | Average Climate

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Prated	10.00 kW	10.00 kW
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Pdh Tj = +2°C	5.50 kW	5.40 kW
COP Tj = +2°C	4.37	3.25
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Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	2.40 kW
Annual energy consumption Qhe	4456 kWh	6281 kWh

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

Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Q _{he}	2230 kWh	3184 kWh