

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 14511-2 | Heating**

	Low temperature	Medium temperature
Heat output	10.56 kW	10.64 kW
El input	2.19 kW	3.62 kW
COP	4.83	2.94

**EN 14511-2 | Cooling**

	+7°C/+12°C	+18°C/+23°C
El input	3.56 kW	
Cooling capacity	11.59	
EER	3.26	

**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
ηs	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 Qhe	2128 kWh	3083 kWh

**EN 14825 | Cooling**

	+7°C/+12°C	+18°C/+23°C
Pdesignc	11.50 kW	
SEER	5.79	
Pdc Tj = 35°C	11.60 kW	
EER Tj = 35°C	3.26	
Pdc Tj = 30°C	8.80 kW	
EER Tj = 30°C	4.75	
Cdc Tj = 30 °C	1.0	
Pdc Tj = 25°C	5.70 kW	
EER Tj = 25°C	6.91	
Cdc Tj = 25 °C	1.0	
Pdc Tj = 20°C	5.80 kW	
EER Tj = 20°C	8.45	
Cdc Tj = 20 °C	1.0	
Poff	23 W	
PTO	23 W	
PSB	23 W	
PCK	0 W	
Annual energy consumption Qce	1190 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 14511-2 | Heating**

	Low temperature	Medium temperature
Heat output	10.56 kW	10.64 kW
El input	2.19 kW	3.62 kW
COP	4.83	2.94

**EN 14511-2 | Cooling**

	+7°C/+12°C	+18°C/+23°C
El input	3.56 kW	
Cooling capacity	11.59	
EER	3.26	

**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
ηs	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 Qhe	2128 kWh	3083 kWh

**EN 14825 | Cooling**

	+7°C/+12°C	+18°C/+23°C
Pdesignc	11.50 kW	
SEER	5.79	
Pdc Tj = 35°C	11.60 kW	
EER Tj = 35°C	3.26	
Pdc Tj = 30°C	8.80 kW	
EER Tj = 30°C	4.75	
Cdc Tj = 30 °C	1.0	
Pdc Tj = 25°C	5.70 kW	
EER Tj = 25°C	6.91	
Cdc Tj = 25 °C	1.0	
Pdc Tj = 20°C	5.80 kW	
EER Tj = 20°C	8.45	
Cdc Tj = 20 °C	1.0	
Poff	23 W	
PTO	23 W	
PSB	23 W	
PCK	0 W	
Annual energy consumption Qce	1190 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 14511-2 | Heating**

	Low temperature	Medium temperature
Heat output	10.56 kW	10.64 kW
EI input	2.19 kW	3.62 kW
COP	4.83	2.94

**EN 14511-2 | Cooling**

	+7°C/+12°C	+18°C/+23°C
EI input	3.56 kW	
Cooling capacity	11.59	
EER	3.26	

**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
ηs	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
ηs	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
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 Qhe	2230 kWh	3184 kWh

**EN 14825 | Cooling**

	+7°C/+12°C	+18°C/+23°C
Pdesignc	11.50 kW	
SEER	5.79	
Pdc Tj = 35°C	11.60 kW	
EER Tj = 35°C	3.26	
Pdc Tj = 30°C	8.80 kW	
EER Tj = 30°C	4.75	
Cdc Tj = 30 °C	1.0	
Pdc Tj = 25°C	5.70 kW	
EER Tj = 25°C	6.91	
Cdc Tj = 25 °C	1.0	
Pdc Tj = 20°C	5.80 kW	
EER Tj = 20°C	8.45	
Cdc Tj = 20 °C	1.0	
Poff	23 W	
PTO	23 W	
PSB	23 W	
PCK	0 W	
Annual energy consumption Qce	1190 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****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 14511-2 | Heating**

	Low temperature	Medium temperature
Heat output	10.56 kW	10.64 kW
EI input	2.19 kW	3.62 kW
COP	4.83	2.94

**EN 14511-2 | Cooling**

	+7°C/+12°C	+18°C/+23°C
EI input	3.56 kW	
Cooling capacity	11.59	
EER	3.26	

**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
ηs	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
ηs	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
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 Qhe	2230 kWh	3184 kWh

**EN 14825 | Cooling**

	+7°C/+12°C	+18°C/+23°C
Pdesignc	11.50 kW	
SEER	5.79	
Pdc Tj = 35°C	11.60 kW	
EER Tj = 35°C	3.26	
Pdc Tj = 30°C	8.80 kW	
EER Tj = 30°C	4.75	
Cdc Tj = 30 °C	1.0	
Pdc Tj = 25°C	5.70 kW	
EER Tj = 25°C	6.91	
Cdc Tj = 25 °C	1.0	
Pdc Tj = 20°C	5.80 kW	
EER Tj = 20°C	8.45	
Cdc Tj = 20 °C	1.0	
Poff	23 W	
PTO	23 W	
PSB	23 W	
PCK	0 W	
Annual energy consumption Qce	1190 kWh	