

Subtype DAIKIN ALTHERMA 3 M 8kW

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 8kW
Registration number	011-1W0529
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. 14

**Model EBLA08E3V3**

Model name	EBLA08E3V3
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	7.5 kW	7.5 kW
El input	1.63 kW	2.78 kW
COP	4.6	2.7

**EN 14511-2 | Cooling**

	+7°C/+12°C	+18°C/+23°C
El input	1.73 kW	
Cooling capacity	5.44	
EER	3.14	

**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	181 %	131 %
Prated	8 kW	8 kW
SCOP	4.61	3.35
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C

Pdh Tj = -7°C	7 kW	6.9 kW
COP Tj = -7°C	2.77	1.96
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	4.2 kW	4.4 kW
COP Tj = +2°C	4.35	3.2
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	3.3 kW	3.3 kW
COP Tj = +7°C	6.49	4.64
Cdh Tj = +7 °C	1	1
Pdh Tj = 12°C	3.9 kW	4.1 kW
COP Tj = 12°C	8.52	6.22
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	7.5 kW	7.5 kW
COP Tj = Tbiv	2.66	1.9
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.93 kW	7.05 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.41	1.64
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	1.07 kW	0.95 kW
Annual energy consumption Qhe	3588 kWh	4939 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	266 %	162 %
Prated	7 kW	8.1 kW
SCOP	6.71	4.12
Tbiv	2 °C	4 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	7 kW	6.8 kW
COP Tj = +2°C	3.28	2.09
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	4.5 kW	5.3 kW
COP Tj = +7°C	5.95	3.42
Cdh Tj = +7 °C	1	1
Pdh Tj = 12°C	3.3 kW	2.8 kW

COP Tj = 12°C	8.57	5.52
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	7 kW	6.9 kW
COP Tj = Tbiv	3.28	2.66
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7 kW	8.1 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.28	2.09
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 Qhe	1393 kWh	2624 kWh

**EN 14825 | Cooling**

	+7°C/+12°C	+18°C/+23°C
Pdesignc	5.4 kW	
SEER	5.36	
Pdc Tj = 35°C	5.44 kW	
EER Tj = 35°C	3.14	
Pdc Tj = 30°C	4.02 kW	
EER Tj = 30°C	4.66	
Cdc Tj = 30 °C	0.984	
Pdc Tj = 25°C	2.47 kW	
EER Tj = 25°C	6.21	
Cdc Tj = 25 °C	0.975	
Pdc Tj = 20°C	2.54 kW	
EER Tj = 20°C	7.17	
Cdc Tj = 20 °C	0.972	
Poff	10 W	
PTO	10 W	
PSB	10 W	
PCK	0 W	
Annual energy consumption Qce	609 kWh	

**Model EBLA08EV3**

Model name	EBLA08EV3
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	7.5 kW	7.5 kW
El input	1.63 kW	2.78 kW
COP	4.6	2.7

**EN 14511-2 | Cooling**

	+7°C/+12°C	+18°C/+23°C
El input	1.73 kW	
Cooling capacity	5.44	
EER	3.14	

**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	181 %	131 %
Prated	8 kW	8 kW
SCOP	4.61	3.35
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C

Pdh Tj = -7°C	7 kW	6.9 kW
COP Tj = -7°C	2.77	1.96
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	4.2 kW	4.4 kW
COP Tj = +2°C	4.35	3.2
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	3.3 kW	3.3 kW
COP Tj = +7°C	6.49	4.64
Cdh Tj = +7 °C	1	1
Pdh Tj = 12°C	3.9 kW	4.1 kW
COP Tj = 12°C	8.52	6.22
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	7.5 kW	7.5 kW
COP Tj = Tbiv	2.66	1.9
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.93 kW	7.05 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.41	1.64
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	1.07 kW	0.95 kW
Annual energy consumption Qhe	3588 kWh	4939 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	266 %	162 %
Prated	7 kW	8.1 kW
SCOP	6.71	4.12
Tbiv	2 °C	4 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	7 kW	6.8 kW
COP Tj = +2°C	3.28	2.09
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	4.5 kW	5.3 kW
COP Tj = +7°C	5.95	3.42
Cdh Tj = +7 °C	1	1
Pdh Tj = 12°C	3.3 kW	2.8 kW

COP Tj = 12°C	8.57	5.52
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	7 kW	6.9 kW
COP Tj = Tbiv	3.28	2.66
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7 kW	8.1 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.28	2.09
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 Qhe	1393 kWh	2624 kWh

**EN 14825 | Cooling**

	+7°C/+12°C	+18°C/+23°C
Pdesignc	5.4 kW	
SEER	5.36	
Pdc Tj = 35°C	5.44 kW	
EER Tj = 35°C	3.14	
Pdc Tj = 30°C	4.02 kW	
EER Tj = 30°C	4.66	
Cdc Tj = 30 °C	0.984	
Pdc Tj = 25°C	2.47 kW	
EER Tj = 25°C	6.21	
Cdc Tj = 25 °C	0.975	
Pdc Tj = 20°C	2.54 kW	
EER Tj = 20°C	7.17	
Cdc Tj = 20 °C	0.972	
Poff	10 W	
PTO	10 W	
PSB	10 W	
PCK	0 W	
Annual energy consumption Qce	609 kWh	

**Model EDLA08E3V3**

Model name	EDLA08E3V3
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	7.5 kW	7.5 kW
EI input	1.63 kW	2.78 kW
COP	4.6	2.7

**EN 14511-2 | Cooling**

	+7°C/+12°C	+18°C/+23°C
EI input	1.73 kW	
Cooling capacity	5.44	
EER	3.14	

**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	179 %	130 %
Prated	8 kW	8 kW
SCOP	4.56	3.32
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7 kW	6.9 kW

COP Tj = -7°C	2.77	1.96
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	4.2 kW	4.4 kW
COP Tj = +2°C	4.35	3.2
Cdh Tj = + 2 °C	1	1
Pdh Tj = +7°C	3.3 kW	3.3 kW
COP Tj = +7°C	6.49	4.64
Cdh Tj = +7 °C	1	1
Pdh Tj = 12°C	3.9 kW	4.1 kW
COP Tj = 12°C	8.52	6.22
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	7.5 kW	7.5 kW
COP Tj = Tbiv	2.66	1.9
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.93 kW	7.05 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.41	1.64
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	1.07 kW	0.95 kW
Annual energy consumption Qhe	3625 kWh	4975 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	257 %	159 %
Prated	7 kW	8.1 kW
SCOP	6.51	4.05
Tbiv	2 °C	4 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	7 kW	6.8 kW
COP Tj = +2°C	3.28	2.09
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	4.5 kW	5.3 kW
COP Tj = +7°C	5.95	3.42
Cdh Tj = +7 °C	1	1
Pdh Tj = 12°C	3.3 kW	2.8 kW
COP Tj = 12°C	8.57	5.52

Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	7 kW	6.9 kW
COP Tj = Tbiv	3.28	2.66
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7 kW	8.1 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.28	2.09
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 Qhe	1437 kWh	2669 kWh

**EN 14825 | Cooling**

	+7°C/+12°C	+18°C/+23°C
Pdesignc	5.4 kW	
SEER	5.36	
Pdc Tj = 35°C	5.44 kW	
EER Tj = 35°C	3.14	
Pdc Tj = 30°C	4.02 kW	
EER Tj = 30°C	4.66	
Cdc Tj = 30 °C	1	
Pdc Tj = 25°C	2.47 kW	
EER Tj = 25°C	6.21	
Cdc Tj = 25 °C	1	
Pdc Tj = 20°C	2.54 kW	
EER Tj = 20°C	7.17	
Cdc Tj = 20 °C	1	
Poff	10 W	
PTO	10 W	
PSB	10 W	
PCK	0 W	
Annual energy consumption Qce	609 kWh	

**Model EDLA08EV3**

Model name	EDLA08EV3
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	7.5 kW	7.5 kW
EI input	1.63 kW	2.78 kW
COP	4.6	2.7

**EN 14511-2 | Cooling**

	+7°C/+12°C	+18°C/+23°C
EI input	1.73 kW	
Cooling capacity	5.44	
EER	3.14	

**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	179 %	130 %
Prated	8 kW	8 kW
SCOP	4.56	3.32
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7 kW	6.9 kW

COP Tj = -7°C	2.77	1.96
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	4.2 kW	4.4 kW
COP Tj = +2°C	4.35	3.2
Cdh Tj = + 2 °C	1	1
Pdh Tj = +7°C	3.3 kW	3.3 kW
COP Tj = +7°C	6.49	4.64
Cdh Tj = +7 °C	1	1
Pdh Tj = 12°C	3.9 kW	4.1 kW
COP Tj = 12°C	8.52	6.22
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	7.5 kW	7.5 kW
COP Tj = Tbiv	2.66	1.9
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.93 kW	7.05 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.41	1.64
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	1.07 kW	0.95 kW
Annual energy consumption Qhe	3625 kWh	4975 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	257 %	159 %
Prated	7 kW	8.1 kW
SCOP	6.51	4.05
Tbiv	2 °C	4 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	7 kW	6.8 kW
COP Tj = +2°C	3.28	2.09
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	4.5 kW	5.3 kW
COP Tj = +7°C	5.95	3.42
Cdh Tj = +7 °C	1	1
Pdh Tj = 12°C	3.3 kW	2.8 kW
COP Tj = 12°C	8.57	5.52

Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	7 kW	6.9 kW
COP Tj = Tbiv	3.28	2.66
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7 kW	8.1 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.28	2.09
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 Qhe	1437 kWh	2669 kWh

**EN 14825 | Cooling**

	+7°C/+12°C	+18°C/+23°C
Pdesignc	5.4 kW	
SEER	5.36	
Pdc Tj = 35°C	5.44 kW	
EER Tj = 35°C	3.14	
Pdc Tj = 30°C	4.02 kW	
EER Tj = 30°C	4.66	
Cdc Tj = 30 °C	1	
Pdc Tj = 25°C	2.47 kW	
EER Tj = 25°C	6.21	
Cdc Tj = 25 °C	1	
Pdc Tj = 20°C	2.54 kW	
EER Tj = 20°C	7.17	
Cdc Tj = 20 °C	1	
Poff	10 W	
PTO	10 W	
PSB	10 W	
PCK	0 W	
Annual energy consumption Qce	609 kWh	