

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
η_s	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
η_s	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
η_s	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
η_s	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
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	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
η_s	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
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	179 %	130 %
Prated	8 kW	8 kW
SCOP	4.56	3.32
Tbiv	-8 °C	-8 °C
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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
η_s	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	