

Subtype DAIKIN ALTHERMA 3 M 6kW

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 6kW
Registration number	011-1W0528
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 EBLA06E3V3		
Model name	EBLA06E3V3	
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	6 kW	5.8 kW
El input	1.24 kW	2.15 kW
COP	4.85	2.7
EN 14511-2 Cooling		
	+7°C/+12°C	+18°C/+23°C
El input	1.55 kW	
Cooling capacity	5.09	
EER	3.28	
EN 12102-1 Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	60 dB(A)	60 dB(A)
EN 14825 Average Climate		
	Low temperature	Medium temperature
ηs	178 %	128 %
Prated	7 kW	7 kW
SCOP	4.52	3.28
Tbiv	-6 °C	-6 °C
TOL	-10 °C	-10 °C

Pdh Tj = -7°C	6 kW	5.9 kW
COP Tj = -7°C	2.86	1.98
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	3.9 kW	3.9 kW
COP Tj = +2°C	4.25	3.16
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	3.2 kW	3 kW
COP Tj = +7°C	6.3	4.49
Cdh Tj = +7 °C	1	1
Pdh Tj = 12°C	3.3 kW	3.3 kW
COP Tj = 12°C	7.78	6.1
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	6.1 kW	6.1 kW
COP Tj = Tbiv	3.07	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.01 kW	5.36 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.49	1.53
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	0.99 kW	1.64 kW
Annual energy consumption Qhe	3196 kWh	4405 kWh

EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level outdoor	60 dB(A)	60 dB(A)

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
η_s	257 %	162 %
Prated	6 kW	5.6 kW
SCOP	6.51	4.13
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	6 kW	5.6 kW
COP Tj = +2°C	3.5	2.15
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	3.9 kW	3.6 kW
COP Tj = +7°C	5.92	3.45
Cdh Tj = +7 °C	1	1
Pdh Tj = 12°C	2.7 kW	2.3 kW

COP Tj = 12°C	8	5.48
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	6 kW	5.6 kW
COP Tj = Tbiv	3.5	2.15
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6 kW	5.6 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.5	2.15
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	1232 kWh	1813 kWh

EN 14825 | Cooling

	+7°C/+12°C	+18°C/+23°C
Pdesignc	5.1 kW	
SEER	5.31	
Pdc Tj = 35°C	5.09 kW	
EER Tj = 35°C	3.28	
Pdc Tj = 30°C	3.75 kW	
EER Tj = 30°C	4.75	
Cdc Tj = 30 °C	0.987	
Pdc Tj = 25°C	2.47 kW	
EER Tj = 25°C	6.21	
Cdc Tj = 25 °C	0.975	
Pdc Tj = 20°C	2.52 kW	
EER Tj = 20°C	7.08	
Cdc Tj = 20 °C	0.972	
Poff	10 W	
PTO	10 W	
PSB	10 W	
PCK	0 W	
Annual energy consumption Qce	576 kWh	

Model EBLA06EV3		
Model name	EBLA06EV3	
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	6 kW	5.8 kW
El input	1.24 kW	2.15 kW
COP	4.85	2.7
EN 14511-2 Cooling		
	+7°C/+12°C	+18°C/+23°C
El input	1.55 kW	
Cooling capacity	5.09	
EER	3.28	
EN 12102-1 Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	60 dB(A)	60 dB(A)
EN 14825 Average Climate		
	Low temperature	Medium temperature
ηs	178 %	128 %
Prated	7 kW	7 kW
SCOP	4.52	3.28
Tbiv	-6 °C	-6 °C
TOL	-10 °C	-10 °C

Pdh Tj = -7°C	6 kW	5.9 kW
COP Tj = -7°C	2.86	1.98
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	3.9 kW	3.9 kW
COP Tj = +2°C	4.25	3.16
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	3.2 kW	3 kW
COP Tj = +7°C	6.3	4.49
Cdh Tj = +7 °C	1	1
Pdh Tj = 12°C	3.3 kW	3.3 kW
COP Tj = 12°C	7.78	6.1
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	6.1 kW	6.1 kW
COP Tj = Tbiv	3.07	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.01 kW	5.36 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.49	1.53
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	0.99 kW	1.64 kW
Annual energy consumption Qhe	3196 kWh	4405 kWh

EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level outdoor	60 dB(A)	60 dB(A)

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
η_s	257 %	162 %
Prated	6 kW	5.6 kW
SCOP	6.51	4.13
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	6 kW	5.6 kW
COP Tj = +2°C	3.5	2.15
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	3.9 kW	3.6 kW
COP Tj = +7°C	5.92	3.45
Cdh Tj = +7 °C	1	1
Pdh Tj = 12°C	2.7 kW	2.3 kW

COP Tj = 12°C	8	5.48
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	6 kW	5.6 kW
COP Tj = Tbiv	3.5	2.15
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6 kW	5.6 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.5	2.15
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	1232 kWh	1813 kWh

EN 14825 | Cooling

	+7°C/+12°C	+18°C/+23°C
Pdesignc	5.1 kW	
SEER	5.31	
Pdc Tj = 35°C	5.09 kW	
EER Tj = 35°C	3.28	
Pdc Tj = 30°C	3.75 kW	
EER Tj = 30°C	4.75	
Cdc Tj = 30 °C	0.987	
Pdc Tj = 25°C	2.47 kW	
EER Tj = 25°C	6.21	
Cdc Tj = 25 °C	0.975	
Pdc Tj = 20°C	2.52 kW	
EER Tj = 20°C	7.08	
Cdc Tj = 20 °C	0.972	
Poff	10 W	
PTO	10 W	
PSB	10 W	
PCK	0 W	
Annual energy consumption Qce	576 kWh	

Model EDLA06E3V3		
Model name	EDLA06E3V3	
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	6 kW	5.8 kW
El input	1.24 kW	2.15 kW
COP	4.85	2.7
EN 14511-2 Cooling		
	+7°C/+12°C	+18°C/+23°C
El input	1.55 kW	
Cooling capacity	5.09	
EER	3.28	
EN 12102-1 Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	60 dB(A)	60 dB(A)
EN 14825 Average Climate		
	Low temperature	Medium temperature
ηs	176 %	127 %
Prated	7 kW	7 kW
SCOP	4.47	3.26
Tbiv	-6 °C	-6 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6 kW	5.9 kW

COP Tj = -7°C	2.86	1.98
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	3.9 kW	3.9 kW
COP Tj = +2°C	4.25	3.16
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	3.2 kW	3 kW
COP Tj = +7°C	6.3	4.49
Cdh Tj = +7 °C	1	1
Pdh Tj = 12°C	3.3 kW	3.3 kW
COP Tj = 12°C	7.78	6.1
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	6.1 kW	6.1 kW
COP Tj = Tbiv	3.07	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.01 kW	5.36 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.49	1.53
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	0.99 kW	1.64 kW
Annual energy consumption Qhe	3233 kWh	4441 kWh

EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level outdoor	60 dB(A)	60 dB(A)

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
ηs	249 %	158 %
Prated	6 kW	5.6 kW
SCOP	6.28	4.03
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	6 kW	5.6 kW
COP Tj = +2°C	3.5	2.15
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	3.9 kW	3.6 kW
COP Tj = +7°C	5.92	3.45
Cdh Tj = +7 °C	1	1
Pdh Tj = 12°C	2.7 kW	2.3 kW
COP Tj = 12°C	8	5.48

Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	6 kW	5.6 kW
COP Tj = Tbiv	3.5	2.15
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6 kW	5.6 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.5	2.15
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	1276 kWh	1858 kWh

EN 14825 | Cooling

	+7°C/+12°C	+18°C/+23°C
Pdesignc	5.1 kW	
SEER	5.31	
Pdc Tj = 35°C	5.09 kW	
EER Tj = 35°C	3.28	
Pdc Tj = 30°C	3.75 kW	
EER Tj = 30°C	4.75	
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	2.52 kW	
EER Tj = 20°C	7.08	
Cdc Tj = 20 °C	1	
Poff	10 W	
PTO	10 W	
PSB	10 W	
PCK	0 W	
Annual energy consumption Qce	576 kWh	

Model EDLA06EV3		
Model name	EDLA06EV3	
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	6 kW	5.8 kW
El input	1.24 kW	2.15 kW
COP	4.85	2.7
EN 14511-2 Cooling		
	+7°C/+12°C	+18°C/+23°C
El input	1.55 kW	
Cooling capacity	5.09	
EER	3.28	
EN 12102-1 Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	60 dB(A)	60 dB(A)
EN 14825 Average Climate		
	Low temperature	Medium temperature
ηs	176 %	127 %
Prated	7 kW	7 kW
SCOP	4.47	3.26
Tbiv	-6 °C	-6 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6 kW	5.9 kW

COP Tj = -7°C	2.86	1.98
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	3.9 kW	3.9 kW
COP Tj = +2°C	4.25	3.16
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	3.2 kW	3 kW
COP Tj = +7°C	6.3	4.49
Cdh Tj = +7 °C	1	1
Pdh Tj = 12°C	3.3 kW	3.3 kW
COP Tj = 12°C	7.78	6.1
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	6.1 kW	6.1 kW
COP Tj = Tbiv	3.07	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.01 kW	5.36 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.49	1.53
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	0.99 kW	1.64 kW
Annual energy consumption Qhe	3233 kWh	4441 kWh

EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level outdoor	60 dB(A)	60 dB(A)

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
ηs	249 %	158 %
Prated	6 kW	5.6 kW
SCOP	6.28	4.03
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	6 kW	5.6 kW
COP Tj = +2°C	3.5	2.15
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	3.9 kW	3.6 kW
COP Tj = +7°C	5.92	3.45
Cdh Tj = +7 °C	1	1
Pdh Tj = 12°C	2.7 kW	2.3 kW
COP Tj = 12°C	8	5.48

Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	6 kW	5.6 kW
COP Tj = Tbiv	3.5	2.15
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6 kW	5.6 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.5	2.15
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	1276 kWh	1858 kWh

EN 14825 | Cooling

	+7°C/+12°C	+18°C/+23°C
Pdesignc	5.1 kW	
SEER	5.31	
Pdc Tj = 35°C	5.09 kW	
EER Tj = 35°C	3.28	
Pdc Tj = 30°C	3.75 kW	
EER Tj = 30°C	4.75	
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	2.52 kW	
EER Tj = 20°C	7.08	
Cdc Tj = 20 °C	1	
Poff	10 W	
PTO	10 W	
PSB	10 W	
PCK	0 W	
Annual energy consumption Qce	576 kWh	