Subtype DAIKIN ALTHERMA 3 M 4kW

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 4kW
Registration number	011-1W0527
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. 9

Model EBLA04E3V3		
Model name	EBLA04E3V3	
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	4.3 kW	4.9 kW
El input	0.84 kW	1.85 kW
COP	5.1	2.65
EN 14511-2 | Cooling		
	+7°C/+12°C	+18°C/+23°C
El input	1.36 kW	
Cooling capacity	4.52	
EER	3.32	
EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	58 dB(A)	58 dB(A)
EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	179 %	129 %
Prated	6 kW	6 kW
SCOP	4.54	3.29
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C

Pdh Tj = -7°C	5.5 kW	5.3 kW
COP Tj = -7°C	2.9	1.97
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	3.3 kW	3.3 kW
COP Tj = +2°C	4.33	3.23
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	3.2 kW	3 kW
COP Tj = +7°C	6.19	4.4
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	5.5 kW	5.3 kW
COP Tj = Tbiv	2.9	1.97
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.22 kW	3.99 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.56	1.37
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	0.78 kW	2.01 kW
Annual energy consumption Qhe	2729 kWh	3769 kWh

EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
ηs	251 %	152 %
Prated	5.2 kW	4.7 kW
SCOP	6.35	3.89
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	5.2 kW	4.7 kW
COP Tj = +2°C	3.68	2.11
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	3.3 kW	3 kW
COP Tj = +7°C	5.79	3.28
Cdh Tj = +7 °C	1	1
Pdh Tj = 12°C	3.5 kW	3.1 kW

COP Tj = 12°C	7.78	5.13
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	5.2 kW	4.7 kW
COP Tj = Tbiv	3.68	2.11
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.2 kW	4.7 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.68	2.11
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	1095 kWh	1616 kWh

EN 14825 | Cooling		
	+7°C/+12°C	+18°C/+23°C
Pdesignc	4.5 kW	
SEER	5.25	
Pdc Tj = 35°C	4.52 kW	
EER Tj = 35°C	3.32	
Pdc Tj = 30°C	3.14 kW	
EER Tj = 30°C	4.92	
Cdc Tj = 30 °C	0.988	
Pdc Tj = 25°C	2.43 kW	
EER Tj = 25°C	6.06	
Cdc Tj = 25 °C	0.975	
Pdc Tj = 20°C	2.5 kW	
EER Tj = 20°C	6.98	
Cdc Tj = 20 °C	0.972	
Poff	10 W	
PTO	10 W	
PSB	10 W	
PCK	0 W	
Annual energy consumption Qce	518 kWh	

Model EBLA04EV3	
Model name	EBLA04EV3
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	4.3 kW	4.9 kW
El input	0.84 kW	1.85 kW
COP	5.1	2.65

EN 14511-2 | Cooling		
	+7°C/+12°C	+18°C/+23°C
El input	1.36 kW	
Cooling capacity	4.52	
EER	3.32	

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	179 %	129 %
Prated	6 kW	6 kW
SCOP	4.54	3.29
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C

Pdh Tj = -7°C	5.5 kW	5.3 kW
COP Tj = -7°C	2.9	1.97
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	3.3 kW	3.3 kW
COP Tj = +2°C	4.33	3.23
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	3.2 kW	3 kW
COP Tj = +7°C	6.19	4.4
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	5.5 kW	5.3 kW
COP Tj = Tbiv	2.9	1.97
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.22 kW	3.99 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.56	1.37
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	0.78 kW	2.01 kW
Annual energy consumption Qhe	2729 kWh	3769 kWh

EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
ηs	251 %	152 %
Prated	5.2 kW	4.7 kW
SCOP	6.35	3.89
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	5.2 kW	4.7 kW
COP Tj = +2°C	3.68	2.11
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	3.3 kW	3 kW
COP Tj = +7°C	5.79	3.28
Cdh Tj = +7 °C	1	1
Pdh Tj = 12°C	3.5 kW	3.1 kW

COP Tj = 12°C	7.78	5.13
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	5.2 kW	4.7 kW
COP Tj = Tbiv	3.68	2.11
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.2 kW	4.7 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.68	2.11
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	1095 kWh	1616 kWh

EN 14825 | Cooling		
	+7°C/+12°C	+18°C/+23°C
Pdesignc	4.5 kW	
SEER	5.25	
Pdc Tj = 35°C	4.52 kW	
EER Tj = 35°C	3.32	
Pdc Tj = 30°C	3.14 kW	
EER Tj = 30°C	4.92	
Cdc Tj = 30 °C	0.988	
Pdc Tj = 25°C	2.43 kW	
EER Tj = 25°C	6.06	
Cdc Tj = 25 °C	0.975	
Pdc Tj = 20°C	2.5 kW	
EER Tj = 20°C	6.98	
Cdc Tj = 20 °C	0.972	
Poff	10 W	
PTO	10 W	
PSB	10 W	
PCK	0 W	
Annual energy consumption Qce	518 kWh	

Model EDLA04E3V3	
Model name	EDLA04E3V3
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	4.3 kW	4.9 kW
El input	0.84 kW	1.85 kW
COP	5.1	2.65

EN 14511-2 | Cooling		
	+7°C/+12°C	+18°C/+23°C
El input	1.36 kW	
Cooling capacity	4.52	
EER	3.32	

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	176 %	127 %
Prated	6 kW	6 kW
SCOP	4.48	3.26
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.5 kW	5.3 kW

COP Tj = -7°C	2.9	1.97
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	3.3 kW	3.3 kW
COP Tj = +2°C	4.33	3.23
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	3.2 kW	3 kW
COP Tj = +7°C	6.19	4.4
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	5.5 kW	5.3 kW
COP Tj = Tbiv	2.9	1.97
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.22 kW	3.99 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.56	1.37
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	0.78 kW	2.01 kW
Annual energy consumption Qhe	2766 kWh	3806 kWh

EN 12102-1 | Warmer Climate		
	Low temperature	Medium temperature
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825 | Warmer Climate		
	Low temperature	Medium temperature
ηs	241 %	148 %
Prated	5.2 kW	4.7 kW
SCOP	6.1	3.78
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	5.2 kW	4.7 kW
COP Tj = +2°C	3.68	2.11
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	3.3 kW	3 kW
COP Tj = +7°C	5.79	3.28
Cdh Tj = +7 °C	1	1
Pdh Tj = 12°C	3.5 kW	3.1 kW
COP Tj = 12°C	7.78	5.13

Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	5.2 kW	4.7 kW
COP Tj = Tbiv	3.68	2.11
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.2 kW	4.7 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.68	2.11
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	1139 kWh	1660 kWh

EN 14825 | Cooling		
	+7°C/+12°C	+18°C/+23°C
Pdesignc	4.5 kW	
SEER	5.25	
Pdc Tj = 35°C	4.52 kW	
EER Tj = 35°C	3.32	
Pdc Tj = 30°C	3.14 kW	
EER Tj = 30°C	4.92	
Cdc Tj = 30 °C	1	
Pdc Tj = 25°C	2.43 kW	
EER Tj = 25°C	6.06	
Cdc Tj = 25 °C	1	
Pdc Tj = 20°C	2.5 kW	
EER Tj = 20°C	6.98	
Cdc Tj = 20 °C	1	
Poff	10 W	
PTO	10 W	
PSB	10 W	
PCK	0 W	
Annual energy consumption Qce	518 kWh	

Model EDLA04EV3		
Model name	EDLA04EV3	
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	4.3 kW	4.9 kW
El input	0.84 kW	1.85 kW
COP	5.1	2.65

EN 14511-2 | Cooling		
	+7°C/+12°C	+18°C/+23°C
El input	1.36 kW	
Cooling capacity	4.52	
EER	3.32	

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	176 %	127 %
Prated	6 kW	6 kW
SCOP	4.48	3.26
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.5 kW	5.3 kW

COP Tj = -7°C	2.9	1.97
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	3.3 kW	3.3 kW
COP Tj = +2°C	4.33	3.23
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	3.2 kW	3 kW
COP Tj = +7°C	6.19	4.4
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	5.5 kW	5.3 kW
COP Tj = Tbiv	2.9	1.97
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.22 kW	3.99 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.56	1.37
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	0.78 kW	2.01 kW
Annual energy consumption Qhe	2766 kWh	3806 kWh

EN 12102-1 | Warmer Climate		
	Low temperature	Medium temperature
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825 | Warmer Climate		
	Low temperature	Medium temperature
ηs	241 %	148 %
Prated	5.2 kW	4.7 kW
SCOP	6.1	3.78
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	5.2 kW	4.7 kW
COP Tj = +2°C	3.68	2.11
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	3.3 kW	3 kW
COP Tj = +7°C	5.79	3.28
Cdh Tj = +7 °C	1	1
Pdh Tj = 12°C	3.5 kW	3.1 kW
COP Tj = 12°C	7.78	5.13

Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	5.2 kW	4.7 kW
COP Tj = Tbiv	3.68	2.11
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.2 kW	4.7 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.68	2.11
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	1139 kWh	1660 kWh

EN 14825 | Cooling		
	+7°C/+12°C	+18°C/+23°C
Pdesignc	4.5 kW	
SEER	5.25	
Pdc Tj = 35°C	4.52 kW	
EER Tj = 35°C	3.32	
Pdc Tj = 30°C	3.14 kW	
EER Tj = 30°C	4.92	
Cdc Tj = 30 °C	1	
Pdc Tj = 25°C	2.43 kW	
EER Tj = 25°C	6.06	
Cdc Tj = 25 °C	1	
Pdc Tj = 20°C	2.5 kW	
EER Tj = 20°C	6.98	
Cdc Tj = 20 °C	1	
Poff	10 W	
PTO	10 W	
PSB	10 W	
PCK	0 W	
Annual energy consumption Qce	518 kWh	