This information was generated by the HP KEYMARK database on 17 Dec 2020

Summary of	DAIKIN ALTHERMA 3 M 11kW	Reg. No.	011-1W0424
Certificate Holder			
Name	DAIKIN Europe N.V.		
Address	Zandvoordestraat 300	Zip	B-8400
City	Oostende	Country	Belgium
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH		
Name of testing laboratory	Danish Technological Institute (DTI)		
Subtype title	DAIKIN ALTHERMA 3 M 11kW		
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

General Data	
Power supply	1x230V 50Hz

Warmer Climate

EN 14825		
	Low temperature	**Medium temperature**
η_s	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	1.00	1.00
Pdh Tj = +7°C	6.70 kW	6.20 kW
COP Tj = +7°C	5.70	3.74
Cdh	1.00	1.00
Pdh Tj = 12°C	5.20 kW	5.00 kW
COP Tj = 12°C	7.87	5.68
Cdh	1.00	1.00
Pdh Tj = Tbiv	10.30 kW	9.80 kW

COP Tj = Tbiv	3.30	2.18
Pdh Tj = TOL	10.30 kW	9.80 kW
COP Tj = TOL	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	Electrical	Electrical
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2128 kWh	3083 kWh

EN 12102-1		
	Low temperature	**Medium temperature**
Sound power level outdoor	62 dB(A)	62 dB(A)

Heating

EN 14511-2		
	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
Indoor water flow rate	1.82 m³/h	1.31 m³/h

EN 14511-4	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

Average Climate

EN 12102-1		
	Low temperature	**Medium temperature**
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825		
	Low temperature	**Medium temperature**
η_s	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		1.00
Pdh Tj = +2°C	5.50 kW	5.40 kW
COP Tj = +2°C	4.37	3.25
Cdh	1.00	1.00
Pdh Tj = +7°C	4.60 kW	4.40 kW
COP Tj = +7°C	6.74	4.81
Cdh	1.00	1.00
Pdh Tj = 12°C	5.40 kW	5.30 kW
COP Tj = 12°C	8.54	6.41
Cdh	1.00	1.00
Pdh Tj = Tbiv	10.10 kW	9.30 kW
COP Tj = Tbiv	2.58	1.90
Pdh Tj = TOL	10.10 kW	7.60 kW
COP Tj = TOL	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	Electrical	Electrical
Supplementary Heater: PSUP	0.00 kW	2.40 kW
Annual energy consumption Qhe	4371 kWh	6134 kWh

Cooling

EN 14825

	+7°C/+12°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	1.0
Pdc Tj = 25°C	5.70 kW
EER Tj = 25°C	6.91
Cdc	1.0
Pdc Tj = 20°C	5.80 kW
EER Tj = 20°C	8.45
Cdc	1.0
Poff	23 W
PTO	23 W
PSB	23 W
PCK	0 W
Annual energy consumption Qce	1190 kWh

EN 14511-2	
	+7°C/+12°C
El input	3.56 kW
Indoor water flow rate	1.99 m³/h
Cooling capacity	11.59
EER	3.26

Model: EBLA11D(3)W1

General Data	
Power supply	3x400V 50Hz

Warmer Climate

EN 14825		
	Low temperature	**Medium temperature**
η_s	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	1.00	1.00
Pdh Tj = +7°C	6.70 kW	6.20 kW
COP Tj = +7°C	5.70	3.74
Cdh	1.00	1.00
Pdh Tj = 12°C	5.20 kW	5.00 kW
COP Tj = 12°C	7.87	5.68
Cdh	1.00	1.00
Pdh Tj = Tbiv	10.30 kW	9.80 kW

COP Tj = Tbiv	3.30	2.18
Pdh Tj = TOL	10.30 kW	9.80 kW
COP Tj = TOL	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	Electrical	Electrical
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2128 kWh	3083 kWh

EN 12102-1		
	Low temperature	**Medium temperature**
Sound power level outdoor	62 dB(A)	62 dB(A)

Heating

EN 14511-2		
	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
Indoor water flow rate	1.82 m³/h	1.31 m³/h

EN 14511-4	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

Average Climate

EN 12102-1		
	Low temperature	**Medium temperature**
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825		
	Low temperature	**Medium temperature**
η_s	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		1.00
Pdh Tj = +2°C	5.50 kW	5.40 kW
COP Tj = +2°C	4.37	3.25
Cdh	1.00	1.00
Pdh Tj = +7°C	4.60 kW	4.40 kW
COP Tj = +7°C	6.74	4.81
Cdh	1.00	1.00
Pdh Tj = 12°C	5.40 kW	5.30 kW
COP Tj = 12°C	8.54	6.41
Cdh	1.00	1.00
Pdh Tj = Tbiv	10.10 kW	9.30 kW
COP Tj = Tbiv	2.58	1.90
Pdh Tj = TOL	10.10 kW	7.60 kW
COP Tj = TOL	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	Electrical	Electrical
Supplementary Heater: PSUP	0.00 kW	2.40 kW
Annual energy consumption Qhe	4371 kWh	6134 kWh

Cooling

EN 14825

	+7°C/+12°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	1.0
Pdc Tj = 25°C	5.70 kW
EER Tj = 25°C	6.91
Cdc	1.0
Pdc Tj = 20°C	5.80 kW
EER Tj = 20°C	8.45
Cdc	1.0
Poff	23 W
PTO	23 W
PSB	23 W
PCK	0 W
Annual energy consumption Qce	1190 kWh

EN 14511-2	
	+7°C/+12°C
El input	3.56 kW
Indoor water flow rate	1.99 m³/h
Cooling capacity	11.59
EER	3.26

Model: EDLA11D(3)V3

General Data	
Power supply	1x230V 50Hz

Warmer Climate

EN 14825		
	Low temperature	**Medium temperature**
η_s	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	1.00	1.00
Pdh Tj = +7°C	6.70 kW	6.20 kW
COP Tj = +7°C	5.70	3.74
Cdh	1.00	1.00
Pdh Tj = 12°C	5.20 kW	5.00 kW
COP Tj = 12°C	7.87	5.68
Cdh	1.00	1.00
Pdh Tj = Tbiv	10.30 kW	9.80 kW

COP Tj = Tbiv	3.30	2.18
Pdh Tj = TOL	10.30 kW	9.80 kW
COP Tj = TOL	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	Electrical	Electrical
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2230 kWh	3184 kWh

EN 12102-1		
	Low temperature	**Medium temperature**
Sound power level outdoor	62 dB(A)	62 dB(A)

Heating

EN 14511-2		
	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
Indoor water flow rate	1.82 m³/h	1.31 m³/h

EN 14511-4	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

Average Climate

EN 12102-1		
	Low temperature	**Medium temperature**
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825		
	Low temperature	**Medium temperature**
η_s	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		1.00
Pdh Tj = +2°C	5.50 kW	5.40 kW
COP Tj = +2°C	4.37	3.25
Cdh	1.00	1.00
Pdh Tj = +7°C	4.60 kW	4.40 kW
COP Tj = +7°C	6.74	4.81
Cdh	1.00	1.00
Pdh Tj = 12°C	5.40 kW	5.30 kW
COP Tj = 12°C	8.54	6.41
Cdh	1.00	1.00
Pdh Tj = Tbiv	10.10 kW	9.30 kW
COP Tj = Tbiv	2.58	1.90
Pdh Tj = TOL	10.10 kW	7.60 kW
COP Tj = TOL	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	Electrical	Electrical
Supplementary Heater: PSUP	0.00 kW	2.40 kW
Annual energy consumption Qhe	4456 kWh	6281 kWh

Cooling

EN 14825

	+7°C/+12°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	1.0
Pdc Tj = 25°C	5.70 kW
EER Tj = 25°C	6.91
Cdc	1.0
Pdc Tj = 20°C	5.80 kW
EER Tj = 20°C	8.45
Cdc	1.0
Poff	23 W
PTO	23 W
PSB	23 W
PCK	0 W
Annual energy consumption Qce	1190 kWh

EN 14511-2	
	+7°C/+12°C
El input	3.56 kW
Indoor water flow rate	1.99 m³/h
Cooling capacity	11.59
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Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2230 kWh	3184 kWh

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Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

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Annual energy consumption Qce	1190 kWh

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