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#### This information was generated by the HP KEYMARK database on 22 Jun 2022

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Summary of	DAIKIN ALTHERMA 3 M 11kW	Reg. No.	011-1W0424	
Certificate Holder				
Name	DAIKIN Europe N.V.	DAIKIN Europe N.V.		
Address	Zandvoordestraat 300	Zip	B-8400	
City	Oostende	Country	Belgium	
Certification Body	DIN CERTCO Gesellschaft für Konfor	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH		
Subtype title	DAIKIN ALTHERMA 3 M 11kW			
Heat Pump Type	Outdoor Air/Water			
Refrigerant	R32			
Mass of Refrigerant	3.8 kg	3.8 kg		
Certification Date	27.10.2020	27.10.2020		
Testing basis	HP KEYMARK certification scheme ru	HP KEYMARK certification scheme rules rev. 7		

## Model: EBLA11D(3)V3

Configure model		
Model name	EBLA11D(3)V3	
Application	Heating (medium temp)	
Units	Outdoor	
Climate Zone	Warmer Climate	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

General Data		
Power supply	1x230V 50Hz	

## Heating

EN 14511-2		
Low temperature Medium temperature		
Heat output	10.56 kW	10.64 kW
El input	2.19 kW	3.62 kW
СОР	4.83	2.94

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

## Cooling





EN 14511-2	
+7°C/+12°C	
El input	3.56 kW
Cooling capacity	11.59
EER	3.26

#### 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	o w
Annual energy consumption Qce	1190 kWh

### Warmer Climate



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

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	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 Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	6.70 kW	6.20 kW
COP Tj = +7°C	5.70	3.74
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	5.20 kW	5.00 kW
COP Tj = 12°C	7.87	5.68
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	10.30 kW	9.80 kW

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COP Tj = Tbiv	3.30	2.18
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	10.30 kW	9.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	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	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2128 kWh	3083 kWh

## 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
$\eta_{S}$	186 %	132 %
Prated	10.00 kW	10.00 kW
	'	1





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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 Tj = -7 °C		1.00	
Pdh Tj = +2°C	5.50 kW	5.40 kW	
COP Tj = +2°C	4.37	3.25	
Cdh Tj = +2 °C	1.00	1.00	
Pdh Tj = +7°C	4.60 kW	4.40 kW	
COP Tj = +7°C	6.74	4.81	
Cdh Tj = +7 °C	1.00	1.00	
Pdh Tj = 12°C	5.40 kW	5.30 kW	
COP Tj = 12°C	8.54	6.41	
Cdh Tj = +12 °C	1.00	1.00	
Pdh Tj = Tbiv	10.10 kW	9.30 kW	
COP Tj = Tbiv	2.58	1.90	
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	10.10 kW	7.60 kW	
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.58	1.64	
WTOL	35 °C	55 °C	
Poff	23 W	23 W	
		-	



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РТО	23 W	23 W
PSB	23 W	23 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	2.40 kW
Annual energy consumption Qhe	4371 kWh	6134 kWh

# Model: EBLA11D(3)W1

Configure model		
Model name	EBLA11D(3)W1	
Application	Heating (medium temp)	
Units	Outdoor	
Climate Zone	Warmer Climate	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

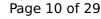
General Data		
Power supply 3x400V 50Hz		

## Heating

EN 14511-2		
Low temperature Medium temperature		
Heat output	10.56 kW	10.64 kW
El input	2.19 kW	3.62 kW
СОР	4.83	2.94

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

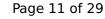
## Cooling





EN 14511-2		
+7°C/+12°C		
El input	3.56 kW	
Cooling capacity	11.59	
EER	3.26	

#### EN 14825





This information was generated by the Hill Re	+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
РТО	23 W
PSB	23 W
PCK	o w
Annual energy consumption Qce	1190 kWh

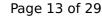
### Warmer Climate



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

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	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 Tj = +2 °C	1.00	1.00
Pdh Tj = $+7^{\circ}$ C	6.70 kW	6.20 kW
$COP Tj = +7^{\circ}C$	5.70	3.74
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	5.20 kW	5.00 kW
COP Tj = 12°C	7.87	5.68
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	10.30 kW	9.80 kW

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COP Tj = Tbiv	3.30	2.18
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	10.30 kW	9.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.30	2.18
WTOL	35 °C	55 °C
Poff	23 W	23 W
РТО	23 W	23 W
PSB	23 W	23 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2128 kWh	3083 kWh

## 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
$\eta_{s}$	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 Tj = -7 °C		1.00
Pdh Tj = +2°C	5.50 kW	5.40 kW
COP Tj = +2°C	4.37	3.25
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.60 kW	4.40 kW
COP Tj = +7°C	6.74	4.81
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	5.40 kW	5.30 kW
COP Tj = 12°C	8.54	6.41
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	10.10 kW	9.30 kW
COP Tj = Tbiv	2.58	1.90
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	10.10 kW	7.60 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.58	1.64
WTOL	35 °C	55 °C
Poff	23 W	23 W



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РТО	23 W	23 W
PSB	23 W	23 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	2.40 kW
Annual energy consumption Qhe	4371 kWh	6134 kWh



# Model: EDLA11D(3)V3

Configure model		
Model name	EDLA11D(3)V3	
Application	Heating (medium temp)	
Units	Outdoor	
Climate Zone	Warmer Climate	
Reversibility	No	
Cooling mode application (optional)	n/a	

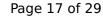
General Data		
Power supply 1x230V 50Hz		

## Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	10.56 kW	10.64 kW
El input	2.19 kW	3.62 kW
СОР	4.83	2.94

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

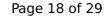
## Cooling





EN 14511-2		
+7°C/+12°C		
El input	3.56 kW	
Cooling capacity	11.59	
EER	3.26	

#### EN 14825





This information was generated by the Hill Re	+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
РТО	23 W
PSB	23 W
PCK	o w
Annual energy consumption Qce	1190 kWh

### Warmer Climate



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

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	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 Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	6.70 kW	6.20 kW
COP Tj = +7°C	5.70	3.74
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	5.20 kW	5.00 kW
COP Tj = 12°C	7.87	5.68
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	10.30 kW	9.80 kW

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	<u> </u>	
COP Tj = Tbiv	3.30	2.18
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	10.30 kW	9.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.30	2.18
WTOL	35 °C	55 °C
Poff	23 W	23 W
РТО	23 W	23 W
PSB	23 W	23 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2230 kWh	3184 kWh

## Average Climate

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

Low temperature	Medium temperature
182 %	130 %
10.00 kW	10.00 kW
	182 %





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 Tj = -7 °C		1.00
Pdh Tj = +2°C	5.50 kW	5.40 kW
COP Tj = +2°C	4.37	3.25
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.60 kW	4.40 kW
$COPTj = +7^{\circ}C$	6.74	4.81
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	5.40 kW	5.30 kW
COP Tj = 12°C	8.54	6.41
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	10.10 kW	9.30 kW
COP Tj = Tbiv	2.58	1.90
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	10.10 kW	7.60 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.58	1.64
WTOL	35 °C	55 °C
Poff	23 W	23 W



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РТО	23 W	23 W
PSB	23 W	23 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	2.40 kW
Annual energy consumption Qhe	4456 kWh	6281 kWh



## Model: EDLA11D(3)W1

Configure model		
Model name	EDLA11D(3)W1	
Application	Heating (medium temp)	
Units	Outdoor	
Climate Zone	Warmer Climate	
Reversibility	No	
Cooling mode application (optional)	n/a	

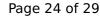
General Data		
Power supply 3x400V 50Hz		

## Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	10.56 kW	10.64 kW
El input	2.19 kW	3.62 kW
СОР	4.83	2.94

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

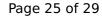
## Cooling





EN 14511-2		
+7°C/+12°C		
El input	3.56 kW	
Cooling capacity	11.59	
EER	3.26	

#### EN 14825





This information was generated by the Hill Re	+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
РТО	23 W
PSB	23 W
PCK	o w
Annual energy consumption Qce	1190 kWh

### Warmer Climate





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

EN 14825		
Low temperature	Medium temperature	
237 %	165 %	
10.00 kW	10.00 kW	
5.99	4.19	
2 °C	2 °C	
2 °C	2 °C	
10.30 kW	9.80 kW	
3.30	2.18	
1.00	1.00	
6.70 kW	6.20 kW	
5.70	3.74	
1.00	1.00	
5.20 kW	5.00 kW	
7.87	5.68	
1.00	1.00	
10.30 kW	9.80 kW	
· · · · · · · · · · · · · · · · · · ·	Low temperature  237 %  10.00 kW  5.99  2 °C  2 °C  10.30 kW  3.30  1.00  6.70 kW  5.70  1.00  5.20 kW  7.87  1.00	

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COP Tj = Tbiv	3.30	2.18
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	10.30 kW	9.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.30	2.18
WTOL	35 °C	55 °C
Poff	23 W	23 W
РТО	23 W	23 W
PSB	23 W	23 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2230 kWh	3184 kWh

## Average Climate

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

perature Medium temperature
130 %
10.00 kW
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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 Tj = -7 °C		1.00
Pdh Tj = +2°C	5.50 kW	5.40 kW
COP Tj = +2°C	4.37	3.25
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.60 kW	4.40 kW
$COP Tj = +7^{\circ}C$	6.74	4.81
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	5.40 kW	5.30 kW
COP Tj = 12°C	8.54	6.41
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	10.10 kW	9.30 kW
COP Tj = Tbiv	2.58	1.90
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	10.10 kW	7.60 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.58	1.64
WTOL	35 °C	55 °C
Poff	23 W	23 W



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РТО	23 W	23 W
PSB	23 W	23 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	2.40 kW
Annual energy consumption Qhe	4456 kWh	6281 kWh