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#### This information was generated by the HP KEYMARK database on 18 Mar 2022

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Summary of	DAIKIN ALTHERMA 3 M 16kW	Reg. No.	011-1W0426	
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 Konfo	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH		
Subtype title	DAIKIN ALTHERMA 3 M 16kW			
Heat Pump Type	Outdoor Air/Water			
Refrigerant	R32			
Mass of Refrigerant	3.8 kg			
Certification Date	27.10.2020	27.10.2020		
Testing basis	HP KEYMARK certification scheme r	HP KEYMARK certification scheme rules rev. 7		



# Model: EBLA16D(3)V3

Configure model		
Model name EBLA16D(3)V3		
Application	Heating (medium temp)	
Units	Outdoor	
Climate Zone Warmer Climate		
Reversibility		
Cooling mode application (optional) +7°C/12°C		

General Data	
Power supply 1x230V 50Hz	

## Warmer Climate

EN 14825		
Low temperature	Medium temperature	
246 %	172 %	
12.00 kW	12.10 kW	
6.23	4.38	
2 °C	3 °C	
2 °C	2 °C	
11.90 kW	9.80 kW	
3.30	2.17	
1.00	1.00	
8.10 kW	7.60 kW	
5.64	3.83	
1.00	1.00	
	Low temperature  246 %  12.00 kW  6.23  2 °C  2 °C  11.90 kW  3.30  1.00  8.10 kW  5.64	





Pdh Tj = 12°C	5.20 kW	5.00 kW
COP Tj = 12°C	7.73	5.69
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	11.90 kW	11.00 kW
COP Tj = Tbiv	3.30	2.40
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.90 kW	9.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.30	2.17
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	2.27 kW
Annual energy consumption Qhe	2573 kWh	3690 kWh

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

## Average Climate





#### EN 14825

	Low temperature	Medium temperature
$\eta_{s}$	185 %	132 %
Prated	12.00 kW	12.00 kW
SCOP	4.69	3.37
Tbiv	-10 °C	-5 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.20 kW	9.40 kW
COP Tj = -7°C	2.87	1.95
Cdh Tj = -7 °C		1.00
Pdh Tj = +2°C	6.70 kW	6.90 kW
COP Tj = +2°C	4.33	3.27
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.70 kW	4.40 kW
COP Tj = +7°C	6.83	4.93
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	5.50 kW	5.30 kW
COP Tj = 12°C	8.82	6.60
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	11.76 kW	10.10 kW
COP Tj = Tbiv	2.48	2.13





Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.76 kW	7.95 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.48	1.67
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	4.10 kW
Annual energy consumption Qhe	5281 kWh	7359 kWh

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

## Cooling

EN 14511-2	
	+7°C/+12°C
El input	4.58 kW
Cooling capacity	14.01
EER	3.06



EN 14825		
	+7°C/+12°C	
Pdesignc	14.00 kW	
SEER	5.59	
Pdc Tj = 35°C	14.00 kW	
EER Tj = 35°C	3.06	
Pdc Tj = 30°C	10.80 kW	
EER Tj = 30°C	4.41	
Cdc	1.0	
Pdc Tj = 25°C	6.90 kW	
EER Tj = 25°C	6.56	
Cdc	1.0	
Pdc Tj = 20°C	5.90 kW	
EER Tj = 20°C	8.51	
Cdc	1.0	
Poff	23 W	
РТО	23 W	
PSB	23 W	
РСК	0 W	
Annual energy consumption Qce	1500 kWh	

## Heating



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

EN 14511-2		
	Low temperature	Medium temperature
Heat output	16.00 kW	15.63 kW
El input	3.53 kW	5.68 kW
СОР	4.53	2.75

# Model: EBLA16D(3)W1

Configure model		
Model name	EBLA16D(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	

### Warmer Climate

EN 14825		
Low temperature	Medium temperature	
246 %	172 %	
12.00 kW	12.10 kW	
6.23	4.38	
2 °C	3 °C	
2 °C	2 °C	
11.90 kW	9.80 kW	
3.30	2.17	
1.00	1.00	
8.10 kW	7.60 kW	
5.64	3.83	
1.00	1.00	
	Low temperature  246 %  12.00 kW  6.23  2 °C  2 °C  11.90 kW  3.30  1.00  8.10 kW  5.64	

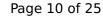




Pdh Tj = 12°C	5.20 kW	5.00 kW
COP Tj = 12°C	7.73	5.69
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	11.90 kW	11.00 kW
COP Tj = Tbiv	3.30	2.40
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.90 kW	9.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.30	2.17
WTOL	35 °C	55 °C
Poff	23 W	23 W
РТО	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	2.27 kW
Annual energy consumption Qhe	2573 kWh	3690 kWh

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

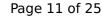
## Average Climate





### EN 14825

	Low temperature	Medium temperature
$\eta_{s}$	185 %	132 %
Prated	12.00 kW	12.00 kW
SCOP	4.69	3.37
Tbiv	-10 °C	-5 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.20 kW	9.40 kW
COP Tj = -7°C	2.87	1.95
Cdh Tj = -7 °C		1.00
Pdh Tj = +2°C	6.70 kW	6.90 kW
COP Tj = +2°C	4.33	3.27
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.70 kW	4.40 kW
COP Tj = +7°C	6.83	4.93
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	5.50 kW	5.30 kW
COP Tj = 12°C	8.82	6.60
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	11.76 kW	10.10 kW
COP Tj = Tbiv	2.48	2.13





Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.76 kW	7.95 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.48	1.67
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	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	4.10 kW
Annual energy consumption Qhe	5281 kWh	7359 kWh

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

## Cooling

EN 14511-2		
+7°C/+12°C		
El input	4.58 kW	
Cooling capacity	14.01	
EER	3.06	



EN 14825		
	+7°C/+12°C	
Pdesignc	14.00 kW	
SEER	5.59	
Pdc Tj = 35°C	14.00 kW	
EER Tj = 35°C	3.06	
Pdc Tj = 30°C	10.80 kW	
EER Tj = 30°C	4.41	
Cdc	1.0	
Pdc Tj = 25°C	6.90 kW	
EER Tj = 25°C	6.56	
Cdc	1.0	
Pdc Tj = 20°C	5.90 kW	
EER Tj = 20°C	8.51	
Cdc	1.0	
Poff	23 W	
РТО	23 W	
PSB	23 W	
PCK	o w	
Annual energy consumption Qce	1500 kWh	

## Heating



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

EN 14511-2		
	Low temperature	Medium temperature
Heat output	16.00 kW	15.63 kW
El input	3.53 kW	5.68 kW
СОР	4.53	2.75



# Model: EDLA16D(3)V3

Configure model		
Model name EDLA16D(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		

## Warmer Climate

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	237 %	168 %
Prated	12.00 kW	12.10 kW
SCOP	5.99	4.26
Tbiv	2 °C	3 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	11.90 kW	9.80 kW
$COP Tj = +2^{\circ}C$	3.30	2.17
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = $+7^{\circ}$ C	8.10 kW	7.60 kW
$COPTj = +7^{\circ}C$	5.64	3.83
Cdh Tj = +7 °C	1.00	1.00

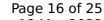




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Pdh Tj = 12°C	5.20 kW	5.00 kW
COP Tj = 12°C	7.73	5.69
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	11.90 kW	11.00 kW
COP Tj = Tbiv	3.30	2.40
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.90 kW	9.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.30	2.17
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	2.27 kW
Annual energy consumption Qhe	2675 kWh	3792 kWh

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

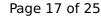
## Average Climate





### EN 14825

	Low temperature	Medium temperature
$\eta_{s}$	182 %	130 %
Prated	12.00 kW	12.00 kW
SCOP	4.62	3.33
Tbiv	-10 °C	-5 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.20 kW	9.40 kW
COP Tj = -7°C	2.87	1.95
Cdh Tj = -7 °C		1.00
Pdh Tj = +2°C	6.70 kW	6.90 kW
COP Tj = +2°C	4.33	3.27
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.70 kW	4.40 kW
COP Tj = +7°C	6.83	4.93
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	5.50 kW	5.30 kW
COP Tj = 12°C	8.82	6.60
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	11.76 kW	10.10 kW
COP Tj = Tbiv	2.48	2.13





Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.76 kW	7.95 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.48	1.67
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	4.10 kW
Annual energy consumption Qhe	5366 kWh	7444 kWh

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

## Cooling

EN 14511-2	
+7°C/+12°C	
El input	4.58 kW
Cooling capacity	14.01
EER	3.06



EN 14825		
	+7°C/+12°C	
Pdesignc	14.00 kW	
SEER	5.59	
Pdc Tj = 35°C	14.00 kW	
EER Tj = 35°C	3.06	
Pdc Tj = 30°C	10.80 kW	
EER Tj = 30°C	4.41	
Cdc	1.0	
Pdc Tj = 25°C	6.90 kW	
EER Tj = 25°C	6.56	
Cdc	1.0	
Pdc Tj = 20°C	5.90 kW	
EER Tj = 20°C	8.51	
Cdc	1.0	
Poff	23 W	
РТО	23 W	
PSB	23 W	
PCK	o w	
Annual energy consumption Qce	1500 kWh	

## Heating



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

EN 14511-2		
	Low temperature	Medium temperature
Heat output	16.00 kW	15.63 kW
El input	3.53 kW	5.68 kW
СОР	4.53	2.75



# Model: EDLA16D(3)W1

Configure model		
Model name	EDLA16D(3)W1	
Application	Heating (medium temp)	
its Outdoor		
Climate Zone Warmer Climate		
Reversibility		
Cooling mode application (optional) n/a		

General Data		
Power supply	3x400V 50Hz	

## Warmer Climate

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	237 %	168 %
Prated	12.00 kW	12.10 kW
SCOP	5.99	4.26
Tbiv	2 °C	3 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	11.90 kW	9.80 kW
COP Tj = +2°C	3.30	2.17
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = $+7^{\circ}$ C	8.10 kW	7.60 kW
COP Tj = +7°C	5.64	3.83
Cdh Tj = +7 °C	1.00	1.00

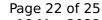




Pdh Tj = 12°C	5.20 kW	5.00 kW
COP Tj = 12°C	7.73	5.69
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	11.90 kW	11.00 kW
COP Tj = Tbiv	3.30	2.40
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.90 kW	9.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.30	2.17
WTOL	35 °C	55 °C
Poff	23 W	23 W
РТО	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	2.27 kW
Annual energy consumption Qhe	2675 kWh	3792 kWh

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

## Average Climate





#### EN 14825

	Low temperature	Medium temperature
$\eta_{s}$	182 %	130 %
Prated	12.00 kW	12.00 kW
SCOP	4.62	3.33
Tbiv	-10 °C	-5 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.20 kW	9.40 kW
COP Tj = -7°C	2.87	1.95
Cdh Tj = -7 °C		1.00
Pdh Tj = +2°C	6.70 kW	6.90 kW
COP Tj = +2°C	4.33	3.27
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.70 kW	4.40 kW
COP Tj = +7°C	6.83	4.93
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	5.50 kW	5.30 kW
COP Tj = 12°C	8.82	6.60
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	11.76 kW	10.10 kW
COP Tj = Tbiv	2.48	2.13





Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.76 kW	7.95 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.48	1.67
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	4.10 kW
Annual energy consumption Qhe	5366 kWh	7444 kWh

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

## Cooling

EN 14511-2	
	+7°C/+12°C
El input	4.58 kW
Cooling capacity	14.01
EER	3.06



EN 14825	
	+7°C/+12°C
Pdesignc	14.00 kW
SEER	5.59
Pdc Tj = 35°C	14.00 kW
EER Tj = 35°C	3.06
Pdc Tj = 30°C	10.80 kW
EER Tj = 30°C	4.41
Cdc	1.0
Pdc Tj = 25°C	6.90 kW
EER Tj = 25°C	6.56
Cdc	1.0
Pdc Tj = 20°C	5.90 kW
EER Tj = 20°C	8.51
Cdc	1.0
Poff	23 W
РТО	23 W
PSB	23 W
РСК	0 W
Annual energy consumption Qce	1500 kWh

## Heating



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

EN 14511-2			
	Low temperature	Medium temperature	
Heat output	16.00 kW	15.63 kW	
El input	3.53 kW	5.68 kW	
СОР	4.53	2.75	