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

#### Login

Summary of	DAIKIN ALTHERMA 3 R 7 F 4KW (230L)	Reg. No.	011-1W0366
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		
Subtype title	DAIKIN ALTHERMA 3 R 7 F 4KW (230L)		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass of Refrigerant	1.5 kg		
Certification Date	09.04.2020		



## Model: ERGA04DV7 / EHVH04S23D6V

Configure model		
Model name	ERGA04DV7 / EHVH04S23D6V	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

General Data		
Power supply	1x230V 50Hz	

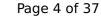
#### **Average Climate**

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	192 %	127 %
Prated	6.0 kW	6.0 kW
SCOP	4.88	3.26
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.2 kW	5.3 kW
COP Tj = -7°C	3.23	1.97
Cdh Tj = -7 °C	1.00	1.0
Pdh Tj = +2°C	3.7 kW	3.3 kW
COP Tj = +2°C	4.94	3.23
Cdh Tj = +2 °C	1.0	1.0

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	ced by the Thi RETHIA	tit database on 10 mai 202.
Pdh Tj = $+7^{\circ}$ C	3.2 kW	3.0 kW
$COP Tj = +7^{\circ}C$	6.19	4.40
Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	3.3 kW	3.3 kW
COP Tj = 12°C	7.78	6.10
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	6.2 kW	5.3 kW
COP Tj = Tbiv	3.23	1.97
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.2 kW	4.0 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
РТО	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	0.8 kW	2.0 kW
Annual energy consumption Qhe	2538 kWh	3806 kWh





EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825	





This information was generated by the Fir KE	+7°C/+12°C
Pdesignc	4.50 kW
SEER	5.66
Pdc Tj = 35°C	4.52 kW
EER Tj = 35°C	3.32
Pdc Tj = 30°C	3.14 kW
EER Tj = 30°C	5.11
Cdc	1.0
Pdc Tj = 25°C	2.43 kW
EER Tj = 25°C	6.69
Cdc	1.0
Pdc Tj = 20°C	2.50 kW
EER Tj = 20°C	8.24
Cdc	1.0
Poff	10 W
PTO	10 W
PSB	10 W
PCK	o w
Annual energy consumption Qce	480 kWh



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

#### Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	4.36 kW	4.90 kW
El input	0.83 kW	1.85 kW
СОР	5.23	2.65

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

## Domestic Hot Water (DHW)

#### Average Climate



EN 16147	
Declared load profile	XL
Efficiency ηDHW	104 %
СОР	2.57
Heating up time	1:47 h:min
Standby power input	30.8 W
Reference hot water temperature	52.0 °C
Mixed water at 40°C	288



## Model: ERGA04DV7 / EHVX04S23D3V

Configure model		
Model name	ERGA04DV7 / EHVX04S23D3V	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

General Data		
Power supply	1x230V 50Hz	

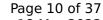
#### **Average Climate**

EN 14825		
Low temperature	Medium temperature	
195 %	129 %	
6.0 kW	6.0 kW	
4.96	3.29	
-7 °C	-7 °C	
-10 °C	-10 °C	
6.2 kW	5.3 kW	
3.23	1.97	
1.00	1.0	
3.7 kW	3.3 kW	
4.94	3.23	
1.0	1.0	
	Low temperature  195 %  6.0 kW  4.96  -7 °C  -10 °C  6.2 kW  3.23  1.00  3.7 kW  4.94	

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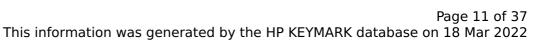
This information was general		
Pdh Tj = +7°C	3.2 kW	3.0 kW
COP Tj = +7°C	6.19	4.40
Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	3.3 kW	3.3 kW
COP Tj = 12°C	7.78	6.10
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	6.2 kW	5.3 kW
COP Tj = Tbiv	3.23	1.97
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.2 kW	4.0 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.56	1.37
WTOL	35 °C	55 °C
Poff	10 W	10 W
РТО	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	0.8 kW	2.0 kW
Annual energy consumption Qhe	2501 kWh	3769 kWh





EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

Cooling		
	EN 14825	





This information was generated by the Hir KE	
	+7°C/+12°C
Pdesignc	4.50 kW
SEER	5.66
Pdc Tj = 35°C	4.52 kW
EER Tj = 35°C	3.32
Pdc Tj = 30°C	3.14 kW
EER Tj = 30°C	5.11
Cdc	1.0
Pdc Tj = 25°C	2.43 kW
EER Tj = 25°C	6.69
Cdc	1.0
Pdc Tj = 20°C	2.50 kW
EER Tj = 20°C	8.24
Cdc	1.0
Poff	10 W
РТО	10 W
PSB	10 W
PCK	o w
Annual energy consumption Qce	480 kWh



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

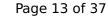
#### Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	4.36 kW	4.90 kW	
El input	0.83 kW	1.85 kW	
СОР	5.23	2.65	

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

## Domestic Hot Water (DHW)

#### Average Climate





EN 16147		
Declared load profile	XL	
Efficiency ηDHW	105 %	
СОР	2.61	
Heating up time	1:47 h:min	
Standby power input	26.8 W	
Reference hot water temperature	52.0 °C	
Mixed water at 40°C	288 I	

## Model: ERGA04DV7 / EHVX04S23D6V

Configure model		
Model name	ERGA04DV7 / EHVX04S23D6V	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

General Data	
Power supply	1x230V 50Hz

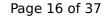
#### **Average Climate**

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	195 %	129 %
Prated	6.0 kW	6.0 kW
SCOP	4.96	3.29
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.2 kW	5.3 kW
COP Tj = -7°C	3.23	1.97
Cdh Tj = -7 °C	1.00	1.0
Pdh Tj = $+2$ °C	3.7 kW	3.3 kW
COP Tj = +2°C	4.94	3.23
Cdh Tj = +2 °C	1.0	1.0
	<u> </u>	

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The same same games as	,	
Pdh Tj = +7°C	3.2 kW	3.0 kW
COP Tj = +7°C	6.19	4.40
Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	3.3 kW	3.3 kW
COP Tj = 12°C	7.78	6.10
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	6.2 kW	5.3 kW
COP Tj = Tbiv	3.23	1.97
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.2 kW	4.0 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
РТО	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	0.8 kW	2.0 kW
Annual energy consumption Qhe	2501 kWh	3769 kWh





EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

ooling				
	EN 14825			





Inis information was generated by the HP KE	TMANK database on 10 Mai 2022
	+7°C/+12°C
Pdesignc	4.50 kW
SEER	5.66
Pdc Tj = $35$ °C	4.52 kW
EER Tj = 35°C	3.32
Pdc Tj = 30°C	3.14 kW
EER Tj = 30°C	5.11
Cdc	1.0
Pdc Tj = 25°C	2.43 kW
EER Tj = 25°C	6.69
Cdc	1.0
Pdc Tj = 20°C	2.50 kW
EER Tj = 20°C	8.24
Cdc	1.0
Poff	10 W
PTO	10 W
PSB	10 W
PCK	o w
Annual energy consumption Qce	480 kWh



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

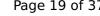
#### Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	4.36 kW	4.90 kW
El input	0.83 kW	1.85 kW
СОР	5.23	2.65

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

#### Domestic Hot Water (DHW)

#### Average Climate





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EN 16147		
Declared load profile	XL	
Efficiency ηDHW	104 %	
СОР	2.57	
Heating up time	1:47 h:min	
Standby power input	30.8 W	
Reference hot water temperature	52.0 °C	
Mixed water at 40°C	288 I	



# Model: ERGA04EV7 / EHVH04S23E6V

Configure model		
Model name	ERGA04EV7 / EHVH04S23E6V	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

General Data	
Power supply	1x230V 50Hz

#### **Average Climate**

EN 14825		
Low temperature	Medium temperature	
192 %	127 %	
6.0 kW	6.0 kW	
4.88	3.26	
-7 °C	-7 °C	
-10 °C	-10 °C	
6.2 kW	5.3 kW	
3.23	1.97	
1.00	1.0	
3.7 kW	3.3 kW	
4.94	3.23	
1.0	1.0	
	Low temperature  192 %  6.0 kW  4.88  -7 °C  -10 °C  6.2 kW  3.23  1.00  3.7 kW  4.94	

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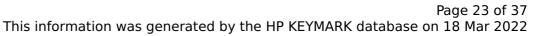
The same same games a	,	
Pdh Tj = +7°C	3.2 kW	3.0 kW
$COP Tj = +7^{\circ}C$	6.19	4.40
Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	3.3 kW	3.3 kW
COP Tj = 12°C	7.78	6.10
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	6.2 kW	5.3 kW
COP Tj = Tbiv	3.23	1.97
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.2 kW	4.0 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.56	1.37
WTOL	35 °C	55 °C
Poff	10 W	10 W
РТО	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	0.8 kW	2.0 kW
Annual energy consumption Qhe	2538 kWh	3806 kWh





EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

ooling			
	EN 14825		





	+7°C/+12°C
Pdesignc	4.50 kW
SEER	5.66
Pdc Tj = 35°C	4.52 kW
EER Tj = 35°C	3.32
Pdc Tj = 30°C	3.14 kW
EER Tj = 30°C	5.11
Cdc	1.0
Pdc Tj = 25°C	2.43 kW
EER Tj = 25°C	6.69
Cdc	1.0
Pdc Tj = 20°C	2.50 kW
EER Tj = 20°C	8.24
Cdc	1.0
Poff	10 W
РТО	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Qce	480 kWh



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

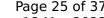
#### Heating

EN 14511-2			
	Low temperature	Medium temperature	
Heat output	4.36 kW	4.90 kW	
El input	0.83 kW	1.85 kW	
СОР	5.23	2.65	

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

## Domestic Hot Water (DHW)

#### Average Climate





# $$\operatorname{\textit{Page}}\xspace$ 25 of 37 This information was generated by the HP KEYMARK database on 18 Mar 2022

EN 16147		
Declared load profile	XL	
Efficiency ηDHW	105 %	
СОР	2.57	
Heating up time	1:47 h:min	
Standby power input	30.8 W	
Reference hot water temperature	52.0 °C	
Mixed water at 40°C	288 I	

## Model: ERGA04EV7 / EHVX04S23E3V

Configure model		
Model name	ERGA04EV7 / EHVX04S23E3V	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

General Data	
Power supply	1x230V 50Hz

#### **Average Climate**

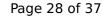
EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	195 %	129 %
Prated	6.0 kW	6.0 kW
SCOP	4.96	3.29
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.2 kW	5.3 kW
COP Tj = -7°C	3.23	1.97
Cdh Tj = -7 °C	1.00	1.0
Pdh Tj = $+2$ °C	3.7 kW	3.3 kW
COP Tj = +2°C	4.94	3.23
Cdh Tj = +2 °C	1.0	1.0
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	<u> </u>	
Pdh Tj = +7°C	3.2 kW	3.0 kW
COP Tj = +7°C	6.19	4.40
Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	3.3 kW	3.3 kW
COP Tj = 12°C	7.78	6.10
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	6.2 kW	5.3 kW
COP Tj = Tbiv	3.23	1.97
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.2 kW	4.0 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
РТО	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	0.8 kW	2.0 kW
Annual energy consumption Qhe	2501 kWh	3769 kWh





EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

ooling			
	EN 14825		





This information was generated by the Fir KE	+7°C/+12°C
Pdesignc	4.50 kW
SEER	5.66
Pdc Tj = 35°C	4.52 kW
EER Tj = 35°C	3.32
Pdc Tj = 30°C	3.14 kW
EER Tj = 30°C	5.11
Cdc	1.0
Pdc Tj = 25°C	2.43 kW
EER Tj = 25°C	6.69
Cdc	1.0
Pdc Tj = 20°C	2.50 kW
EER Tj = 20°C	8.24
Cdc	1.0
Poff	10 W
РТО	10 W
PSB	10 W
PCK	o w
Annual energy consumption Qce	480 kWh



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

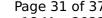
#### Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	4.36 kW	4.90 kW	
El input	0.83 kW	1.85 kW	
СОР	5.23	2.65	

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

#### Domestic Hot Water (DHW)

#### Average Climate





# $$\operatorname{\textit{Page}}\ 31$$ of 37 This information was generated by the HP KEYMARK database on 18 Mar 2022

EN 16147		
Declared load profile	XL	
Efficiency ηDHW	106 %	
СОР	2.60	
Heating up time	1:47 h:min	
Standby power input	26.8 W	
Reference hot water temperature	52.0 °C	
Mixed water at 40°C	288 I	



## Model: ERGA04EV7 / EHVX04S23E6V(G)

Configure model		
Model name	ERGA04EV7 / EHVX04S23E6V(G)	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

General Data		
Power supply	1x230V 50Hz	

#### **Average Climate**

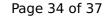
EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	195 %	129 %
Prated	6.0 kW	6.0 kW
SCOP	4.96	3.29
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.2 kW	5.3 kW
COP Tj = -7°C	3.23	1.97
Cdh Tj = -7 °C	1.00	1.0
Pdh Tj = $+2$ °C	3.7 kW	3.3 kW
COP Tj = +2°C	4.94	3.23
Cdh Tj = +2 °C	1.0	1.0
	<u> </u>	

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Pdh Tj = $+7^{\circ}$ C	3.2 kW	3.0 kW
COP Tj = +7°C	6.19	4.40
Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	3.3 kW	3.3 kW
COP Tj = 12°C	7.78	6.10
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	6.2 kW	5.3 kW
COP Tj = Tbiv	3.23	1.97
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.2 kW	4.0 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
РТО	10 W	10 W
PSB	10 W	10 W
PCK	0 W	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.8 kW	2.0 kW
Annual energy consumption Qhe	2501 kWh	3769 kWh





EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

ooling			
	EN 14825		





This information was generated by the Till KE	+7°C/+12°C
Pdesignc	4.50 kW
SEER	5.66
Pdc Tj = 35°C	4.52 kW
EER Tj = 35°C	3.32
Pdc Tj = 30°C	3.14 kW
EER Tj = 30°C	5.11
Cdc	1.0
Pdc Tj = 25°C	2.43 kW
EER Tj = 25°C	6.69
Cdc	1.0
Pdc Tj = 20°C	2.50 kW
EER Tj = 20°C	8.24
Cdc	1.0
Poff	10 W
РТО	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Qce	480 kWh



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

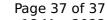
#### Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	4.36 kW	4.90 kW
El input	0.83 kW	1.85 kW
СОР	5.23	2.65

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

#### Domestic Hot Water (DHW)

#### Average Climate





EN 16147		
Declared load profile	XL	
Efficiency ηDHW	105 %	
СОР	2.57	
Heating up time	1:47 h:min	
Standby power input	30.8 W	
Reference hot water temperature	52.0 °C	
Mixed water at 40°C	288	