

Page 1 of 57

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

Login

Summary of	DAIKIN ALTHERMA 3 R 7 F/W 4KW (180L)	Reg. No.	011-1W0365
Certificate Holder			
Name	DAIKIN Europe N.V.	DAIKIN Europe N.V.	
Address	Zandvoordestraat 300	Zandvoordestraat 300 Zip B-8400	
City	ostende Country		Belgium
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH		
Subtype title	DAIKIN ALTHERMA 3 R 7 F/W 4KW (180L)		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass of Refrigerant	1.5 kg		
Certification Date	09.04.2020		



Model: ERGA04DV7 / EHBH04D6V

Configure model		
Model name	ERGA04DV7 / EHBH04D6V	
Application	Heating (medium temp)	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

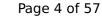
General Data		
Power supply	1x230V 50Hz	

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	



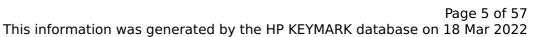
	- · · · , -	
Pdh Tj = $+7^{\circ}$ C	3.2 kW	3.0 kW
$COP Tj = +7^{\circ}C$	6.19	4.40
Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	3.3 kW	3.3 kW
COP Tj = 12°C	7.78	6.10
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	6.2 kW	5.3 kW
COP Tj = Tbiv	3.23	1.97
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.2 kW	4.0 kW
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
РСК	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		





	TMARK database on 16 Mai 202
	+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	



Model: ERGA04DV7 / EHBX04D6V

Configure model		
Model name	ERGA04DV7 / EHBX04D6V	
Application	Heating (medium temp)	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

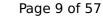
General Data		
Power supply	1x230V 50Hz	

Average Climate

EN 14825		
	Low temperature	Medium temperature
η_{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>	

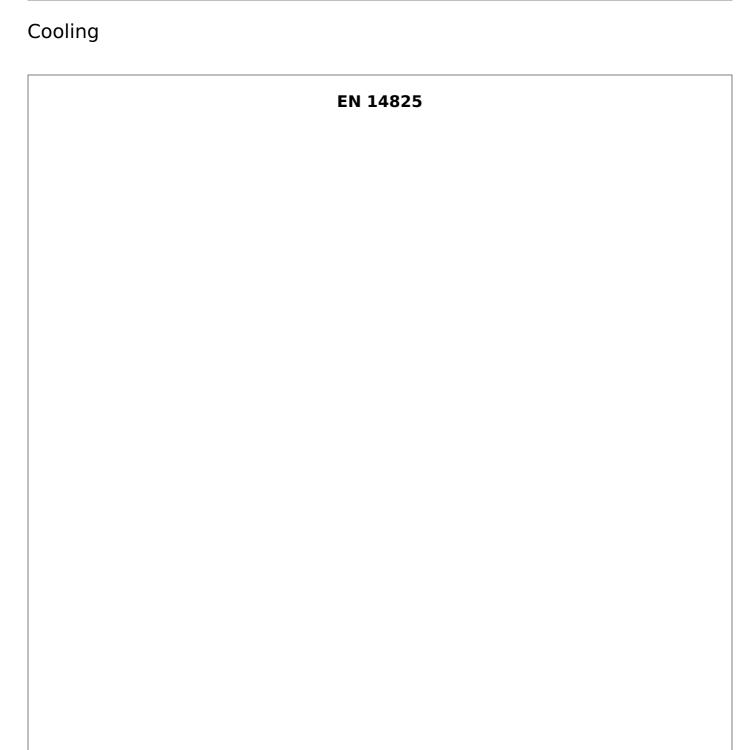


This information was generated by the HF RETMARK database on 16 Mai 2022				
Pdh Tj = $+7^{\circ}$ C	3.2 kW	3.0 kW		
COP Tj = +7°C	6.19	4.40		
Cdh Tj = +7 °C	1.0	1.0		
Pdh Tj = 12°C	3.3 kW	3.3 kW		
COP Tj = 12°C	7.78	6.10		
Cdh Tj = +12 °C	1.0	1.0		
Pdh Tj = Tbiv	6.2 kW	5.3 kW		
COP Tj = Tbiv	3.23	1.97		
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	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)







	+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	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	



Model: ERGA04DV7 / EHVH04S18D6V

Configure model			
Model name	ERGA04DV7 / EHVH04S18D6V		
Application	Heating + DHW + low temp		
Units	Indoor + Outdoor		
Climate Zone	n/a		
Reversibility No			
Cooling mode application (optional)	n/a		

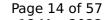
General Data		
Power supply 1x230V 50Hz		

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	



3	•	
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
РСК	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	





	+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	

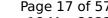
Heating

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





$$\operatorname{\textit{Page}}\ 17$$ of 57 This information was generated by the HP KEYMARK database on 18 Mar 2022

EN 16147	
Declared load profile	L
Efficiency ηDHW	98 %
СОР	2.38
Heating up time	1:41 h:min
Standby power input	25.7 W
Reference hot water temperature	52.0 °C
Mixed water at 40°C	236



Model: ERGA04DV7 / EHVX04S18D3V

Configure model		
Model name ERGA04DV7 / EHVX04S18D3V		
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

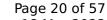
General Data		
Power supply 1x230V 50Hz		

Average Climate

EN 14825		
	Low temperature	Medium temperature
η_{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>	



	- · · · , -	
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
РСК	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)

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

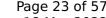
Heating

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





$$\operatorname{\textit{Page}}\xspace$ 23 of 57 This information was generated by the HP KEYMARK database on 18 Mar 2022

EN 16147	
Declared load profile	L
Efficiency ηDHW	99 %
СОР	2.44
Heating up time	1:41 h:min
Standby power input	21.8 W
Reference hot water temperature	52.0 °C
Mixed water at 40°C	236 I



Model: ERGA04DV7 / EHVX04S18D6V

Configure model	
Model name	ERGA04DV7 / EHVX04S18D6V
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	

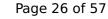
Average Climate

	EN 14825	
	Low temperature	Medium temperature
η_{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>	



$$\operatorname{\textit{Page}}\xspace$ 25 of 57 This information was generated by the HP KEYMARK database on 18 Mar 2022

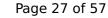
	<u> </u>	
Pdh Tj = +7°C	3.2 kW	3.0 kW
COP Tj = +7°C	6.19	4.40
Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	3.3 kW	3.3 kW
COP Tj = 12°C	7.78	6.10
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	6.2 kW	5.3 kW
COP Tj = Tbiv	3.23	1.97
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.2 kW	4.0 kW
COP Tj = TOL or COP Tj = 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)

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		

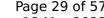
Heating

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





$$\operatorname{\textit{Page}}\xspace$ 29 of 57 This information was generated by the HP KEYMARK database on 18 Mar 2022

EN 16147		
Declared load profile	L	
Efficiency ηDHW	98 %	
СОР	2.38	
Heating up time	1:41 h:min	
Standby power input	25.7 W	
Reference hot water temperature	52.0 °C	
Mixed water at 40°C	236	



Model: ERGA04EV7 / EHBH04E6V

Configure model		
Model name	ERGA04EV7 / EHBH04E6V	
Application	Heating (medium 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	



		in database on 10 Mai 202.
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	2538 kWh	3806 kWh



Page 32 of 57

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		



Page 33 of 57

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	



Model: ERGA04EV7 / EHBX04E6V

Configure model			
Model name	ERGA04EV7 / EHBX04E6V		
Application	Heating (medium 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
η_{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



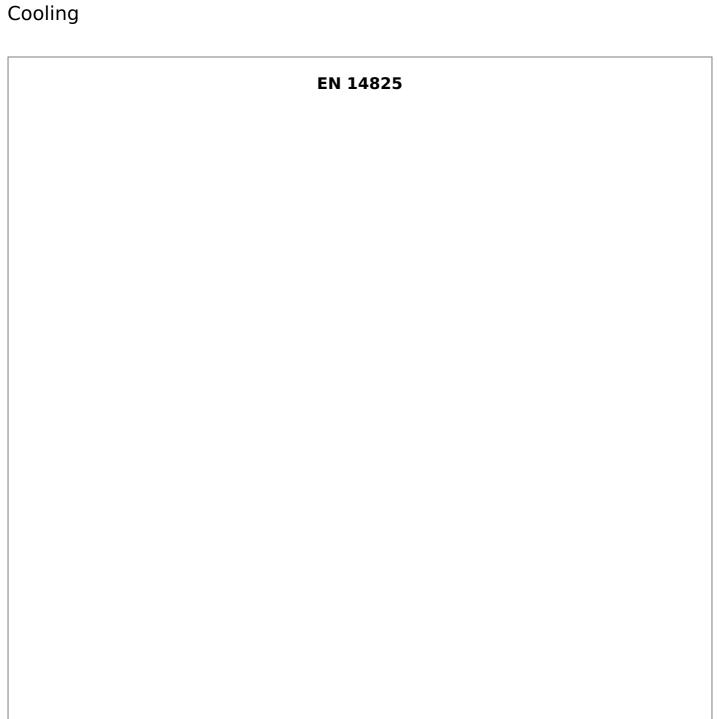
$$\operatorname{\textit{Page}}\ 36$$ of 57 This information was generated by the HP KEYMARK database on 18 Mar 2022

g		
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	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)





Page 38 of 57

This information was generated by the Fill 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	



Model: ERGA04EV7 / EHVH04S18E6V

Configure model		
Model name	ERGA04EV7 / EHVH04S18E6V	
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	

EHPA Secretariat | Rue dArlon 63-67 | Phone: +32 2 400 10 17 | Email: secretariat@heatpumpkeymark.com | www.heatpumpkeymark.com



Page 41 of 57

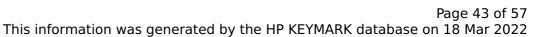
	<u> </u>	
Pdh Tj = $+7^{\circ}$ C	3.2 kW	3.0 kW
COP Tj = +7°C	6.19	4.40
Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	3.3 kW	3.3 kW
COP Tj = 12°C	7.78	6.10
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	6.2 kW	5.3 kW
COP Tj = Tbiv	3.23	1.97
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.2 kW	4.0 kW
COP Tj = TOL 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	o w	o 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)

Cooling		
	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	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		

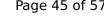
Heating

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$ 45 of 57 This information was generated by the HP KEYMARK database on 18 Mar 2022

EN 16147		
Declared load profile	L	
Efficiency ηDHW	98 %	
СОР	2.38	
Heating up time	1:41 h:min	
Standby power input	25.7 W	
Reference hot water temperature	52.0 °C	
Mixed water at 40°C	236	

Model: ERGA04EV7 / EHVX04S18E3V

Configure model		
Model name	ERGA04EV7 / EHVX04S18E3V	
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	
η_{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>		

EHPA Secretariat | Rue dArlon 63-67 | Phone: +32 2 400 10 17 | Email: secretariat@heatpumpkeymark.com | www.heatpumpkeymark.com



I his information was genera	ted by the HP KEYMAN	RK database on 18 Mar 202
Pdh Tj = +7°C	3.2 kW	3.0 kW
$COPTj = +7^{\circ}C$	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
РСК	o 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		

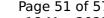
Heating

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}}\xspace$ 51 of 57 This information was generated by the HP KEYMARK database on 18 Mar 2022

EN 16147	
Declared load profile	L
Efficiency ηDHW	99 %
СОР	2.42
Heating up time	1:41 h:min
Standby power input	21.8 W
Reference hot water temperature	52.0 °C
Mixed water at 40°C	236 I



Model: ERGA04EV7 / EHVX04S18E6V(G)

Configure model		
Model name	ERGA04EV7 / EHVX04S18E6V(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	

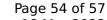
Average Climate

EN 14825		
	Low temperature	Medium temperature
η_{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>	

EHPA Secretariat | Rue dArlon 63-67 | Phone: +32 2 400 10 17 | Email: secretariat@heatpumpkeymark.com | www.heatpumpkeymark.com



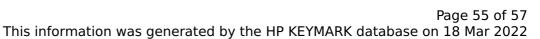
The same same games as	,	
Pdh Tj = +7°C	3.2 kW	3.0 kW
COP Tj = +7°C	6.19	4.40
Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	3.3 kW	3.3 kW
COP Tj = 12°C	7.78	6.10
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	6.2 kW	5.3 kW
COP Tj = Tbiv	3.23	1.97
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.2 kW	4.0 kW
COP Tj = 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)

Cooling			
	EN 1482	5	





This information was generated by the HP RETMARK database on 16 Mar 20		
	+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

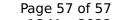
Heating

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
Shatting on the heat transfer medium now	passeu
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

Domestic Hot Water (DHW)

Average Climate





EN 16147		
Declared load profile	L	
Efficiency ηDHW	98 %	
СОР	2.38	
Heating up time	1:41 h:min	
Standby power input	25.7 W	
Reference hot water temperature	52.0 °C	
Mixed water at 40°C	236 I	