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Login

Summary of	DAIKIN ALTHERMA 3 R 7 F/W 4KW (180L)	Reg. No.	011-1W0365
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/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	

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





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

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
PTO	10 W
PSB	10 W
PCK	o w
Annual energy consumption Qce	480 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		
	Low temperature	Medium temperature
η_{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
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	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

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	

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





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

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
PTO	10 W
PSB	10 W
PCK	o w
Annual energy consumption Qce	480 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		
	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
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
PTO	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	2501 kWh	3769 kWh

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	

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	

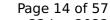
EN 14511-4	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed





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

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
PTO	10 W
PSB	10 W
PCK	o w
Annual energy consumption Qce	480 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)

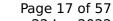
EN 14825		
	Low temperature	Medium temperature
η_{s}	192 %	127 %
Prated	6.0 kW	6.0 kW
SCOP	4.88	3.26
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.2 kW	5.3 kW
COP Tj = -7°C	3.23	1.97
Cdh Tj = -7 °C	1.00	1.0
Pdh Tj = +2°C	3.7 kW	3.3 kW
COP Tj = +2°C	4.94	3.23
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C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

Domestic Hot Water (DHW)

CEN heat pump KEYMARK





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

Model: ERGA04DV7 / EHVX04S18D3V

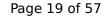
Configure model			
Model name ERGA04DV7 / EHVX04S18D3V			
Application Heating + DHW + low temp			
Units	Indoor + Outdoor		
Climate Zone	n/a		
Reversibility	Yes		
Cooling mode application (optional)	+7°C/12°C		

General Data		
Power supply	1x230V 50Hz	

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	

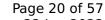
EN 14511-4	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed





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

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 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)

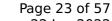
EN 14825		
	Low temperature	Medium temperature
η_{s}	195 %	129 %
Prated	6.0 kW	6.0 kW
SCOP	4.96	3.29
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.2 kW	5.3 kW
COP Tj = -7°C	3.23	1.97
Cdh Tj = -7 °C	1.00	1.0
Pdh Tj = $+2$ °C	3.7 kW	3.3 kW
COP Tj = +2°C	4.94	3.23
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	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	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	2501 kWh	3769 kWh

Domestic Hot Water (DHW)





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

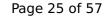
Configure model		
Model name	ERGA04DV7 / EHVX04S18D6V	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

General Data		
Power supply	1x230V 50Hz	

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		

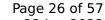
EN 14511-4		
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	
Starting and operating test	passed	





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

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
PTO	10 W
PSB	10 W
PCK	o w
Annual energy consumption Qce	480 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		
	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
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

0 W

Electricity

2501 kWh

0.8 kW

0 W

Electricity

3769 kWh

2.0 kW

Domestic Hot Water (DHW)

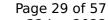
Supplementary Heater: Type of energy input

Average Climate

Supplementary Heater: PSUP

Annual energy consumption Qhe

PCK





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

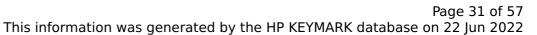
Configure model		
Model name	ERGA04EV7 / EHBH04E6V	
Application	Heating (medium temp)	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

General Data		
Power supply	1x230V 50Hz	

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





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

	+7°C/+12°C	
El input	1.36 kW	
Cooling capacity	4.52	
EER	3.32	
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 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		
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	
3.2 kW	3.0 kW	
6.19	4.40	
1.0	1.0	
	192 % 6.0 kW 4.88 -7 °C -10 °C 6.2 kW 3.23 1.00 3.7 kW 4.94 1.0 3.2 kW 6.19	



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



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		

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		

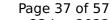
EN 14511-4		
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	
Starting and operating test	passed	





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

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
PTO	10 W
PSB	10 W
PCK	o w
Annual energy consumption Qce	480 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			
Low temperature Medium to			
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	
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	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	2501 kWh	3769 kWh



Model: ERGA04EV7 / EHVH04S18E6V

Configure model		
Model name ERGA04EV7 / EHVH04S18E6V		
Application	Heating + DHW + low temp	
nits Indoor + Outdoor		
Climate Zone n/a		
Reversibility No		
Cooling mode application (optional) n/a		

General Data		
Power supply	1x230V 50Hz	

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

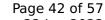
Cooling





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

EN 14825



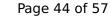


	+7°C/+12°C
Pdesignc	4.50 kW
SEER	5.66
Pdc Tj = 35°C	4.52 kW
EER Tj = 35°C	3.32
Pdc Tj = 30°C	3.14 kW
EER Tj = 30°C	5.11
Cdc	1.0
Pdc Tj = 25°C	2.43 kW
EER Tj = 25°C	6.69
Cdc	1.0
Pdc Tj = 20°C	2.50 kW
EER Tj = 20°C	8.24
Cdc	1.0
Poff	10 W
PTO	10 W
PSB	10 W
PCK	o w
Annual energy consumption Qce	480 kWh



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)

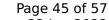
EN 14825		
Low temperature	Medium temperature	
192 %	127 %	
6.0 kW	6.0 kW	
4.88	3.26	
-7 °C	-7 °C	
-10 °C	-10 °C	
6.2 kW	5.3 kW	
3.23	1.97	
1.00	1.0	
3.7 kW	3.3 kW	
4.94	3.23	
1.0	1.0	
3.2 kW	3.0 kW	
6.19	4.40	
1.0	1.0	
	192 % 6.0 kW 4.88 -7 °C -10 °C 6.2 kW 3.23 1.00 3.7 kW 4.94 1.0 3.2 kW 6.19	





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

Domestic Hot Water (DHW)





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	

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	

Cooling





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

EN 14825



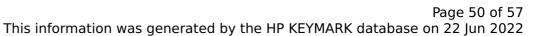


	+7°C/+12°C
Pdesignc	4.50 kW
SEER	5.66
Pdc Tj = 35°C	4.52 kW
EER Tj = 35°C	3.32
Pdc Tj = 30°C	3.14 kW
EER Tj = 30°C	5.11
Cdc	1.0
Pdc Tj = 25°C	2.43 kW
EER Tj = 25°C	6.69
Cdc	1.0
Pdc Tj = 20°C	2.50 kW
EER Tj = 20°C	8.24
Cdc	1.0
Poff	10 W
РТО	10 W
PSB	10 W
PCK	o w
Annual energy consumption Qce	480 kWh



EN 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)

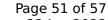
EN 14825		
	Low temperature	Medium temperature
η_{s}	195 %	129 %
Prated	6.0 kW	6.0 kW
SCOP	4.96	3.29
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.2 kW	5.3 kW
COP Tj = -7°C	3.23	1.97
Cdh Tj = -7 °C	1.00	1.0
Pdh Tj = $+2$ °C	3.7 kW	3.3 kW
COP Tj = +2°C	4.94	3.23
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	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	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	2501 kWh	3769 kWh

Domestic Hot Water (DHW)





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	

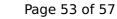
General Data		
Power supply	1x230V 50Hz	

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	

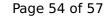
Cooling





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

EN 14825



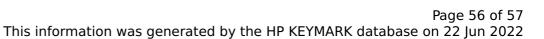


	+7°C/+12°C
Pdesignc	4.50 kW
SEER	5.66
Pdc Tj = 35°C	4.52 kW
EER Tj = 35°C	3.32
Pdc Tj = 30°C	3.14 kW
EER Tj = 30°C	5.11
Cdc	1.0
Pdc Tj = 25°C	2.43 kW
EER Tj = 25°C	6.69
Cdc	1.0
Pdc Tj = 20°C	2.50 kW
EER Tj = 20°C	8.24
Cdc	1.0
Poff	10 W
PTO	10 W
PSB	10 W
PCK	o w
Annual energy consumption Qce	480 kWh



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)

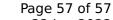
EN 14825		
	Low temperature	Medium temperature
η_{s}	195 %	129 %
Prated	6.0 kW	6.0 kW
SCOP	4.96	3.29
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.2 kW	5.3 kW
COP Tj = -7°C	3.23	1.97
Cdh Tj = -7 °C	1.00	1.0
Pdh Tj = $+2$ °C	3.7 kW	3.3 kW
COP Tj = +2°C	4.94	3.23
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	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	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	2501 kWh	3769 kWh

Domestic Hot Water (DHW)





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	