

This information was generated by the HP KEYMARK database on 17 Dec 2020

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		
Name of testing laboratory	Universität Stuttgart, IGE, Prüfstelle HLK		
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 / EHVX04S18D3V

General Data

Power supply	1x230V 50Hz
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Average Climate

EN 14825

	Low temperature	Medium temperature
η_s	195 %	127 %
Prated	6.00 kW	6.00 kW
SCOP	4.96	3.26
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.17 kW	5.30 kW
COP Tj = -7°C	3.23	1.97
Cdh	1.00	1.00
Pdh Tj = +2°C	3.71 kW	3.30 kW
COP Tj = +2°C	4.94	3.23
Cdh	0.99	1.00
Pdh Tj = +7°C	3.20 kW	3.00 kW
COP Tj = +7°C	6.19	4.40
Cdh	0.98	1.00
Pdh Tj = 12°C	3.27 kW	3.30 kW

This information was generated by the HP KEYMARK database on 17 Dec 2020

COP Tj = 12°C	7.78	6.10
Cdh	0.98	1.00
Pdh Tj = Tbiv	6.17 kW	5.30 kW
COP Tj = Tbiv	3.23	1.97
Pdh Tj = TOL	5.22 kW	4.00 kW
COP Tj = TOL	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	10 W	10 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	0.78 kW	2.00 kW
Annual energy consumption Qhe	2501 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)

Heating

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 14511-2		
	Low temperature	Medium temperature
Heat output	4.36 kW	4.90 kW
El input	0.83 kW	1.85 kW
COP	5.23	2.65
Indoor water flow rate	0.74 m ³ /h	0.53 m ³ /h

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

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	99 %
COP	2.44
Heating up time	1:40 h:min
Standby power input	11.6 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	238 l

Model: ERGA04DV7 / EHVX04S18D6V

General Data

Power supply	1x230V 50Hz
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Average Climate

EN 14825

	Low temperature	Medium temperature
η_s	195 %	127 %
Prated	6.00 kW	6.00 kW
SCOP	4.96	3.26
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.17 kW	5.30 kW
COP Tj = -7°C	3.23	1.97
Cdh	1.00	1.00
Pdh Tj = +2°C	3.71 kW	3.30 kW
COP Tj = +2°C	4.94	3.23
Cdh	0.99	1.00
Pdh Tj = +7°C	3.20 kW	3.00 kW
COP Tj = +7°C	6.19	4.40
Cdh	0.98	1.00
Pdh Tj = 12°C	3.27 kW	3.30 kW

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COP Tj = 12°C	7.78	6.10
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COP Tj = TOL	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	10 W	10 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	0.78 kW	2.00 kW
Annual energy consumption Qhe	2501 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)

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	4.36 kW	4.90 kW
El input	0.83 kW	1.85 kW
COP	5.23	2.65
Indoor water flow rate	0.74 m ³ /h	0.53 m ³ /h

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

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	97 %
COP	2.38
Heating up time	1:47 h:min
Standby power input	13.8 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	288 l

Model: ERGA04DV7 / EHVH04S18D6V

General Data

Power supply	1x230V 50Hz
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Average Climate

EN 14825

	Low temperature	Medium temperature
η_s	192 %	127 %
Prated	6.00 kW	6.00 kW
SCOP	4.88	3.26
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.17 kW	5.30 kW
COP Tj = -7°C	3.23	1.97
Cdh	1.00	1.00
Pdh Tj = +2°C	3.71 kW	3.30 kW
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WTOL	35 °C	55 °C
Poff	10 W	10 W
PTO	10 W	10 W
PSB	10 W	10 W
PCK	10 W	10 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	0.78 kW	2.00 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)

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	4.36 kW	4.90 kW
El input	0.83 kW	1.85 kW
COP	5.23	2.65
Indoor water flow rate	0.74 m ³ /h	0.53 m ³ /h

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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Declared load profile	L
Efficiency η_{DHW}	97 %
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Heating up time	1:47 h:min
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Reference hot water temperature	52.5 °C
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Model: ERGA04DV7 / EHBX04D6V

General Data

Power supply	1x230V 50Hz
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η_s	195 %	127 %
Prated	6.00 kW	6.00 kW
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Poff	10 W	10 W
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PCK	10 W	10 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	0.78 kW	2.00 kW
Annual energy consumption Qhe	2501 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)

Heating

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 14511-2

	Low temperature	Medium temperature
Heat output	4.36 kW	4.90 kW
El input	0.83 kW	1.85 kW
COP	5.23	2.65
Indoor water flow rate	0.74 m ³ /h	0.53 m ³ /h

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 / EHBH04D6V

General Data

Power supply	1x230V 50Hz
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Average Climate

EN 14825

	Low temperature	Medium temperature
η_s	192 %	127 %
Prated	6.00 kW	6.00 kW
SCOP	4.88	3.26
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
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COP Tj = -7°C	3.23	1.97
Cdh	1.00	1.00
Pdh Tj = +2°C	3.71 kW	3.30 kW
COP Tj = +2°C	4.94	3.23
Cdh	0.99	1.00
Pdh Tj = +7°C	3.20 kW	3.00 kW
COP Tj = +7°C	6.19	4.40
Cdh	0.98	1.00
Pdh Tj = 12°C	3.27 kW	3.30 kW

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Cdh	0.98	1.00
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WTOL	35 °C	55 °C
Poff	10 W	10 W
PTO	10 W	10 W
PSB	10 W	10 W
PCK	10 W	10 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	0.78 kW	2.00 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)

Heating

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 14511-2

	Low temperature	Medium temperature
Heat output	4.36 kW	4.90 kW
El input	0.83 kW	1.85 kW
COP	5.23	2.65
Indoor water flow rate	0.74 m ³ /h	0.53 m ³ /h

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 / EHVX04S18E3V

General Data

Power supply	1x230V 50Hz
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Average Climate

EN 14825

	Low temperature	Medium temperature
η_s	195 %	129 %
Prated	6.00 kW	6.00 kW
SCOP	4.96	3.29
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.20 kW	5.30 kW
COP Tj = -7°C	3.23	1.97
Cdh		1.00
Pdh Tj = +2°C	3.70 kW	3.30 kW
COP Tj = +2°C	4.94	3.23
Cdh	1.00	1.00
Pdh Tj = +7°C	3.20 kW	3.00 kW
COP Tj = +7°C	6.19	4.40
Cdh	1.00	1.00
Pdh Tj = 12°C	3.30 kW	3.30 kW

This information was generated by the HP KEYMARK database on 17 Dec 2020

COP Tj = 12°C	7.78	6.10
Cdh	1.00	1.00
Pdh Tj = Tbiv	6.20 kW	5.30 kW
COP Tj = Tbiv	3.23	1.97
Pdh Tj = TOL	5.20 kW	4.00 kW
COP Tj = TOL	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	10 W	10 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	0.80 kW	2.00 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)

Heating

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 14511-2		
	Low temperature	Medium temperature
Heat output	4.36 kW	4.90 kW
El input	0.83 kW	1.85 kW
COP	5.23	2.65
Indoor water flow rate	0.74 m ³ /h	0.53 m ³ /h

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
Indoor water flow rate	0.78 m ³ /h
Cooling capacity	4.52
EER	3.32

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 14825	
	+7°C/+12°C
P _{designc}	4.50 kW
SEER	5.66
P _{dc} T _j = 35°C	4.52 kW
EER T _j = 35°C	3.32
P _{dc} T _j = 30°C	3.14 kW
EER T _j = 30°C	5.11
C _{dc}	1.0
P _{dc} T _j = 25°C	2.43 kW
EER T _j = 25°C	6.69
C _{dc}	1.0
P _{dc} T _j = 20°C	2.50 kW
EER T _j = 20°C	8.24
C _{dc}	1.0
P _{off}	10 W
PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Q _{ce}	480 kWh

Domestic Hot Water (DHW)

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

Disclaimer: this document is a summary of the certified performance.
The authoritative source of this information is the heat pump certificate as executed by the certification body and the related technical data.

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	99 %
COP	2.44
Heating up time	1:34 h:min
Standby power input	11.6 W
Reference hot water temperature	52.0 °C
Mixed water at 40°C	238 l

Model: ERGA04EV7 / EHVX04S18E6V(G)

General Data

Power supply	1x230V 50Hz
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Average Climate

EN 14825

	Low temperature	Medium temperature
η_s	195 %	129 %
Prated	6.00 kW	6.00 kW
SCOP	4.96	3.29
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.20 kW	5.30 kW
COP Tj = -7°C	3.23	1.97
Cdh		1.00
Pdh Tj = +2°C	3.70 kW	3.30 kW
COP Tj = +2°C	4.94	3.23
Cdh	1.00	1.00
Pdh Tj = +7°C	3.20 kW	3.00 kW
COP Tj = +7°C	6.19	4.40
Cdh	1.00	1.00
Pdh Tj = 12°C	3.30 kW	3.30 kW

This information was generated by the HP KEYMARK database on 17 Dec 2020

COP Tj = 12°C	7.78	6.10
Cdh	1.00	1.00
Pdh Tj = Tbiv	6.20 kW	5.30 kW
COP Tj = Tbiv	3.23	1.97
Pdh Tj = TOL	5.20 kW	4.00 kW
COP Tj = TOL	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	10 W	10 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	0.80 kW	2.00 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)

Heating

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 14511-2		
	Low temperature	Medium temperature
Heat output	4.36 kW	4.90 kW
El input	0.83 kW	1.85 kW
COP	5.23	2.65
Indoor water flow rate	0.74 m ³ /h	0.53 m ³ /h

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
Indoor water flow rate	0.78 m ³ /h
Cooling capacity	4.52
EER	3.32

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 14825	
	+7°C/+12°C
P _{designc}	4.50 kW
SEER	5.66
P _{dc} T _j = 35°C	4.52 kW
EER T _j = 35°C	3.32
P _{dc} T _j = 30°C	3.14 kW
EER T _j = 30°C	5.11
C _{dc}	1.0
P _{dc} T _j = 25°C	2.43 kW
EER T _j = 25°C	6.69
C _{dc}	1.0
P _{dc} T _j = 20°C	2.50 kW
EER T _j = 20°C	8.24
C _{dc}	1.0
P _{off}	10 W
PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Q _{ce}	480 kWh

Domestic Hot Water (DHW)

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

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Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	97 %
COP	2.38
Heating up time	1:34 h:min
Standby power input	13.8 W
Reference hot water temperature	52.0 °C
Mixed water at 40°C	238 l

Model: ERGA04EV7 / EHVH04S18E6V

General Data

Power supply	n/a
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Average Climate

EN 14825

	Low temperature	Medium temperature
η_s	195 %	129 %
Prated	6.00 kW	6.00 kW
SCOP	4.96	3.29
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.20 kW	5.30 kW
COP Tj = -7°C	3.23	1.97
Cdh		1.00
Pdh Tj = +2°C	3.70 kW	3.30 kW
COP Tj = +2°C	4.94	3.23
Cdh	1.00	1.00
Pdh Tj = +7°C	3.20 kW	3.00 kW
COP Tj = +7°C	6.19	4.40
Cdh	1.00	1.00
Pdh Tj = 12°C	3.30 kW	3.30 kW

This information was generated by the HP KEYMARK database on 17 Dec 2020

COP Tj = 12°C	7.78	6.10
Cdh	1.00	1.00
Pdh Tj = Tbiv	6.20 kW	5.30 kW
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PCK	10 W	10 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	0.80 kW	2.00 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)
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	Low temperature	Medium temperature
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COP	5.23	2.65
Indoor water flow rate	0.74 m ³ /h	0.53 m ³ /h

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
Indoor water flow rate	0.78 m ³ /h
Cooling capacity	4.52
EER	3.32

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 14825	
	+7°C/+12°C
P _{designc}	4.50 kW
SEER	5.66
P _{dc} T _j = 35°C	4.52 kW
EER T _j = 35°C	3.32
P _{dc} T _j = 30°C	3.14 kW
EER T _j = 30°C	5.11
C _{dc}	1.0
P _{dc} T _j = 25°C	2.43 kW
EER T _j = 25°C	6.69
C _{dc}	1.0
P _{dc} T _j = 20°C	2.50 kW
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C _{dc}	1.0
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PCK	0 W
Annual energy consumption Q _{ce}	480 kWh

Domestic Hot Water (DHW)

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Heating up time	1:34 h:min
Standby power input	13.8 W
Reference hot water temperature	52.0 °C
Mixed water at 40°C	238 l

Model: ERGA04EV7 / EHBX04E6V

General Data

Power supply	1x230V 50Hz
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Average Climate

EN 14825

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TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.20 kW	5.30 kW
COP Tj = -7°C	3.23	1.97
Cdh		1.00
Pdh Tj = +2°C	3.70 kW	3.30 kW
COP Tj = +2°C	4.94	3.23
Cdh	1.00	1.00
Pdh Tj = +7°C	3.20 kW	3.00 kW
COP Tj = +7°C	6.19	4.40
Cdh	1.00	1.00
Pdh Tj = 12°C	3.30 kW	3.30 kW

This information was generated by the HP KEYMARK database on 17 Dec 2020

COP Tj = 12°C	7.78	6.10
Cdh	1.00	1.00
Pdh Tj = Tbiv	6.20 kW	5.30 kW
COP Tj = Tbiv	3.23	1.97
Pdh Tj = TOL	5.20 kW	4.00 kW
COP Tj = TOL	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	10 W	10 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	0.80 kW	2.00 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)

Heating

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 14511-2		
	Low temperature	Medium temperature
Heat output	4.36 kW	4.90 kW
El input	0.83 kW	1.85 kW
COP	5.23	2.65
Indoor water flow rate	0.74 m ³ /h	0.53 m ³ /h

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
Indoor water flow rate	0.78 m ³ /h
Cooling capacity	4.52
EER	3.32

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 14825	
	+7°C/+12°C
P _{designc}	4.50 kW
SEER	5.66
P _{dc} T _j = 35°C	4.52 kW
EER T _j = 35°C	3.32
P _{dc} T _j = 30°C	3.14 kW
EER T _j = 30°C	5.11
C _{dc}	1.0
P _{dc} T _j = 25°C	2.43 kW
EER T _j = 25°C	6.69
C _{dc}	1.0
P _{dc} T _j = 20°C	2.50 kW
EER T _j = 20°C	8.24
C _{dc}	1.0
P _{off}	10 W
PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Q _{ce}	480 kWh

Model: ERGA04EV7 / EHBH04E6V

General Data

Power supply	1x230V 50Hz
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Average Climate

EN 14825

	Low temperature	Medium temperature
η_s	195 %	129 %
Prated	6.00 kW	6.00 kW
SCOP	4.96	3.29
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.20 kW	5.30 kW
COP Tj = -7°C	3.23	1.97
Cdh		1.00
Pdh Tj = +2°C	3.70 kW	3.30 kW
COP Tj = +2°C	4.94	3.23
Cdh	1.00	1.00
Pdh Tj = +7°C	3.20 kW	3.00 kW
COP Tj = +7°C	6.19	4.40
Cdh	1.00	1.00
Pdh Tj = 12°C	3.30 kW	3.30 kW

This information was generated by the HP KEYMARK database on 17 Dec 2020

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Cdh	1.00	1.00
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PCK	10 W	10 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	0.80 kW	2.00 kW
Annual energy consumption Qhe	2501 kWh	3769 kWh

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	Low temperature	Medium temperature
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Heating

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EN 14511-2		
	Low temperature	Medium temperature
Heat output	4.36 kW	4.90 kW
El input	0.83 kW	1.85 kW
COP	5.23	2.65
Indoor water flow rate	0.74 m ³ /h	0.53 m ³ /h

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
Indoor water flow rate	0.78 m ³ /h
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EER T _j = 20°C	8.24
C _{dc}	1.0
P _{off}	10 W
PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Q _{ce}	480 kWh