

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

Summary of	DAIKIN ALTHERMA 3 R W/F 8KW (180L)	Reg. No.	011-1W0221
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	Danish Technological Institute		
Subtype title	DAIKIN ALTHERMA 3 R W/F 8KW (180L)		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass Of Refrigerant	1.5 kg		
Certification Date	22.11.2017		
Testing basis	HP KEYMARK certification scheme rules rev. 7		

Model: ERGA08DV / EHVH08S18D6V(G)

General Data

Power supply	1x230V 50Hz
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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	7.50 kW	7.50 kW
El input	1.63 kW	2.78 kW
COP	4.60	2.70
Indoor water flow rate	1.29 m ³ /h	0.81 m ³ /h

Average Climate

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

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	179 %	130 %
Prated	8.00 kW	8.00 kW
SCOP	4.56	3.32
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.00 kW	6.90 kW
COP Tj = -7°C	2.77	1.96
Cdh		1.00
Pdh Tj = +2°C	4.20 kW	4.40 kW
COP Tj = +2°C	4.35	3.20
Cdh	1.00	1.00
Pdh Tj = +7°C	3.30 kW	3.30 kW
COP Tj = +7°C	6.49	4.64
Cdh	1.00	1.00

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Pdh Tj = 12°C	3.90 kW	4.10 kW
COP Tj = 12°C	8.52	6.22
Cdh	1.00	1.00
Pdh Tj = Tbiv	7.50 kW	7.50 kW
COP Tj = Tbiv	2.66	1.90
Pdh Tj = TOL	6.90 kW	7.10 kW
COP Tj = TOL	2.41	1.64
Cdh	1.00	1.00
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	Electrical	Electrical
Supplementary Heater: PSUP	1.10 kW	0.90 kW
Annual energy consumption Qhe	3625 kWh	4975 kWh

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}	125 %
COP	3.10
Heating up time	1:40 h:min
Standby power input	28.0 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	238 l

Model: ERGA08DV / EHVH08S18D9W(G)

General Data

Power supply	1x230V 50Hz
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Heating

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Pdh Tj = TOL	6.90 kW	7.10 kW
COP Tj = TOL	2.41	1.64
Cdh	1.00	1.00
WTOL	35 °C	55 °C
Poff	10 W	10 W
PTO	10 W	10 W
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Model: ERGA08DV / EHBH08D6V

General Data

Power supply	1x230V 50Hz
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Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	1.10 kW	0.90 kW
Annual energy consumption Qhe	3625 kWh	4975 kWh

Model: ERGA08DV / EHBH08D9W

General Data

Power supply	1x230V 50Hz
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Heating

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Model: ERGA08DV / EHBX08D6V

General Data

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Model: ERGA08EV / EHVX08S18E6V(G)

General Data

Power supply	1x230V 50Hz
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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	7.50 kW	7.50 kW
El input	1.63 kW	2.78 kW
COP	4.60	2.70
Indoor water flow rate	1.29 m ³ /h	0.81 m ³ /h

Average Climate

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

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	181 %	131 %
Prated	8.00 kW	8.00 kW
SCOP	4.61	3.35
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.00 kW	6.90 kW
COP Tj = -7°C	2.77	1.96
Cdh		1.00
Pdh Tj = +2°C	4.20 kW	4.40 kW
COP Tj = +2°C	4.35	3.20
Cdh	1.00	1.00
Pdh Tj = +7°C	3.30 kW	3.30 kW
COP Tj = +7°C	6.49	4.64
Cdh	1.00	1.00

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

Pdh Tj = 12°C	3.90 kW	4.10 kW
COP Tj = 12°C	8.52	6.22
Cdh	1.00	1.00
Pdh Tj = Tbiv	7.50 kW	7.50 kW
COP Tj = Tbiv	2.66	1.90
Pdh Tj = TOL	6.90 kW	7.10 kW
COP Tj = TOL	2.41	1.64
Cdh	1.00	1.00
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	Electrical	Electrical
Supplementary Heater: PSUP	1.10 kW	0.90 kW
Annual energy consumption Qhe	3588 kWh	4939 kWh

Cooling

EN 14825

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

	+7°C/+12°C
P _{designc}	5.40 kW
SEER	5.71
P _{dc} T _j = 35°C	5.44 kW
EER T _j = 35°C	3.14
P _{dc} T _j = 30°C	4.02 kW
EER T _j = 30°C	4.84
C _{dc}	1.0
P _{dc} T _j = 25°C	2.47 kW
EER T _j = 25°C	6.86
C _{dc}	1.0
P _{dc} T _j = 20°C	2.54 kW
EER T _j = 20°C	8.47
C _{dc}	1.0
P _{off}	10 W
PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Q _{ce}	571 kWh

EN 14511-2	
	+7°C/+12°C
El input	1.73 kW
Indoor water flow rate	0.94 m³/h
Cooling capacity	5.44
EER	3.14

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	125 %
COP	3.10
Heating up time	1:40 h:min
Standby power input	28.0 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	238 l

Model: ERGA08EV / EHVX08S18E9W

General Data

Power supply	1x230V 50Hz
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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	7.50 kW	7.50 kW
El input	1.63 kW	2.78 kW
COP	4.60	2.70
Indoor water flow rate	1.29 m ³ /h	0.81 m ³ /h

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	181 %	131 %
Prated	8.00 kW	8.00 kW
SCOP	4.61	3.35
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.00 kW	6.90 kW
COP Tj = -7°C	2.77	1.96
Cdh		1.00
Pdh Tj = +2°C	4.20 kW	4.40 kW
COP Tj = +2°C	4.35	3.20
Cdh	1.00	1.00
Pdh Tj = +7°C	3.30 kW	3.30 kW
COP Tj = +7°C	6.49	4.64
Cdh	1.00	1.00

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

Pdh Tj = 12°C	3.90 kW	4.10 kW
COP Tj = 12°C	8.52	6.22
Cdh	1.00	1.00
Pdh Tj = Tbiv	7.50 kW	7.50 kW
COP Tj = Tbiv	2.66	1.90
Pdh Tj = TOL	6.90 kW	7.10 kW
COP Tj = TOL	2.41	1.64
Cdh	1.00	1.00
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	Electrical	Electrical
Supplementary Heater: PSUP	1.10 kW	0.90 kW
Annual energy consumption Qhe	3588 kWh	4939 kWh

Cooling

EN 14825

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

	+7°C/+12°C
P _{designc}	5.40 kW
SEER	5.71
P _{dc} T _j = 35°C	5.44 kW
EER T _j = 35°C	3.14
P _{dc} T _j = 30°C	4.02 kW
EER T _j = 30°C	4.84
C _{dc}	1.0
P _{dc} T _j = 25°C	2.47 kW
EER T _j = 25°C	6.86
C _{dc}	1.0
P _{dc} T _j = 20°C	2.54 kW
EER T _j = 20°C	8.47
C _{dc}	1.0
P _{off}	10 W
PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Q _{ce}	571 kWh

EN 14511-2	
	+7°C/+12°C
El input	1.73 kW
Indoor water flow rate	0.94 m³/h
Cooling capacity	5.44
EER	3.14

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	125 %
COP	3.10
Heating up time	1:40 h:min
Standby power input	28.0 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	238 l

Model: ERGA08EV / EHVH08S18E6V

General Data

Power supply	1x230V 50Hz
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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	7.50 kW	7.50 kW
El input	1.63 kW	2.78 kW
COP	4.60	2.70
Indoor water flow rate	1.29 m ³ /h	0.81 m ³ /h

Average Climate

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

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	179 %	130 %
Prated	8.00 kW	8.00 kW
SCOP	4.56	3.32
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.00 kW	6.90 kW
COP Tj = -7°C	2.77	1.96
Cdh		1.00
Pdh Tj = +2°C	4.20 kW	4.40 kW
COP Tj = +2°C	4.35	3.20
Cdh	1.00	1.00
Pdh Tj = +7°C	3.30 kW	3.30 kW
COP Tj = +7°C	6.49	4.64
Cdh	1.00	1.00

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

Pdh Tj = 12°C	3.90 kW	4.10 kW
COP Tj = 12°C	8.52	6.22
Cdh	1.00	1.00
Pdh Tj = Tbiv	7.50 kW	7.50 kW
COP Tj = Tbiv	2.66	1.90
Pdh Tj = TOL	6.90 kW	7.10 kW
COP Tj = TOL	2.41	1.64
Cdh	1.00	1.00
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	Electrical	Electrical
Supplementary Heater: PSUP	1.10 kW	0.90 kW
Annual energy consumption Qhe	3625 kWh	4975 kWh

Cooling

EN 14825

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

	+7°C/+12°C
P _{designc}	5.40 kW
SEER	5.71
P _{dc} T _j = 35°C	5.44 kW
EER T _j = 35°C	3.14
P _{dc} T _j = 30°C	4.02 kW
EER T _j = 30°C	4.84
C _{dc}	1.0
P _{dc} T _j = 25°C	2.47 kW
EER T _j = 25°C	6.86
C _{dc}	1.0
P _{dc} T _j = 20°C	2.54 kW
EER T _j = 20°C	8.47
C _{dc}	1.0
P _{off}	10 W
PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Q _{ce}	571 kWh

EN 14511-2	
	+7°C/+12°C
El input	1.73 kW
Indoor water flow rate	0.94 m³/h
Cooling capacity	5.44
EER	3.14

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	125 %
COP	3.10
Heating up time	1:40 h:min
Standby power input	28.0 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	238 l

Model: ERGA08EV / EHVH08S18E9W

General Data

Power supply	1x230V 50Hz
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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	7.50 kW	7.50 kW
El input	1.63 kW	2.78 kW
COP	4.60	2.70
Indoor water flow rate	1.29 m ³ /h	0.81 m ³ /h

Average Climate

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

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	179 %	130 %
Prated	8.00 kW	8.00 kW
SCOP	4.56	3.32
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.00 kW	6.90 kW
COP Tj = -7°C	2.77	1.96
Cdh		1.00
Pdh Tj = +2°C	4.20 kW	4.40 kW
COP Tj = +2°C	4.35	3.20
Cdh	1.00	1.00
Pdh Tj = +7°C	3.30 kW	3.30 kW
COP Tj = +7°C	6.49	4.64
Cdh	1.00	1.00

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

Pdh Tj = 12°C	3.90 kW	4.10 kW
COP Tj = 12°C	8.52	6.22
Cdh	1.00	1.00
Pdh Tj = Tbiv	7.50 kW	7.50 kW
COP Tj = Tbiv	2.66	1.90
Pdh Tj = TOL	6.90 kW	7.10 kW
COP Tj = TOL	2.41	1.64
Cdh	1.00	1.00
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	Electrical	Electrical
Supplementary Heater: PSUP	1.10 kW	0.90 kW
Annual energy consumption Qhe	3625 kWh	4975 kWh

Cooling

EN 14825

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

	+7°C/+12°C
P _{designc}	5.40 kW
SEER	5.71
P _{dc} T _j = 35°C	5.44 kW
EER T _j = 35°C	3.14
P _{dc} T _j = 30°C	4.02 kW
EER T _j = 30°C	4.84
C _{dc}	1.0
P _{dc} T _j = 25°C	2.47 kW
EER T _j = 25°C	6.86
C _{dc}	1.0
P _{dc} T _j = 20°C	2.54 kW
EER T _j = 20°C	8.47
C _{dc}	1.0
P _{off}	10 W
PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Q _{ce}	571 kWh

EN 14511-2	
	+7°C/+12°C
El input	1.73 kW
Indoor water flow rate	0.94 m³/h
Cooling capacity	5.44
EER	3.14

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	125 %
COP	3.10
Heating up time	1:40 h:min
Standby power input	28.0 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	238 l

Model: ERGA08EV / EHVZ08S18E6V

General Data

Power supply	1x230V 50Hz
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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	7.50 kW	7.50 kW
El input	1.63 kW	2.78 kW
COP	4.60	2.70
Indoor water flow rate	1.29 m ³ /h	0.81 m ³ /h

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	179 %	130 %
Prated	8.00 kW	8.00 kW
SCOP	4.56	3.32
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.00 kW	6.90 kW
COP Tj = -7°C	2.77	1.96
Cdh		1.00
Pdh Tj = +2°C	4.20 kW	4.40 kW
COP Tj = +2°C	4.35	3.20
Cdh	1.00	1.00
Pdh Tj = +7°C	3.30 kW	3.30 kW
COP Tj = +7°C	6.49	4.64
Cdh	1.00	1.00

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

Pdh Tj = 12°C	3.90 kW	4.10 kW
COP Tj = 12°C	8.52	6.22
Cdh	1.00	1.00
Pdh Tj = Tbiv	7.50 kW	7.50 kW
COP Tj = Tbiv	2.66	1.90
Pdh Tj = TOL	6.90 kW	7.10 kW
COP Tj = TOL	2.41	1.64
Cdh	1.00	1.00
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	Electrical	Electrical
Supplementary Heater: PSUP	1.10 kW	0.90 kW
Annual energy consumption Qhe	3625 kWh	4975 kWh

Cooling

EN 14825

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

	+7°C/+12°C
P _{designc}	5.40 kW
SEER	5.71
P _{dc} T _j = 35°C	5.44 kW
EER T _j = 35°C	3.14
P _{dc} T _j = 30°C	4.02 kW
EER T _j = 30°C	4.84
C _{dc}	1.0
P _{dc} T _j = 25°C	2.47 kW
EER T _j = 25°C	6.86
C _{dc}	1.0
P _{dc} T _j = 20°C	2.54 kW
EER T _j = 20°C	8.47
C _{dc}	1.0
P _{off}	10 W
PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Q _{ce}	571 kWh

EN 14511-2	
	+7°C/+12°C
El input	1.73 kW
Indoor water flow rate	0.94 m³/h
Cooling capacity	5.44
EER	3.14

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	125 %
COP	3.10
Heating up time	1:40 h:min
Standby power input	28.0 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	238 l

Model: ERGA08EV / EHVZ08S18E9W

General Data

Power supply	1x230V 50Hz
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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	7.50 kW	7.50 kW
El input	1.63 kW	2.78 kW
COP	4.60	2.70
Indoor water flow rate	1.29 m ³ /h	0.81 m ³ /h

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	179 %	130 %
Prated	8.00 kW	8.00 kW
SCOP	4.56	3.32
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.00 kW	6.90 kW
COP Tj = -7°C	2.77	1.96
Cdh		1.00
Pdh Tj = +2°C	4.20 kW	4.40 kW
COP Tj = +2°C	4.35	3.20
Cdh	1.00	1.00
Pdh Tj = +7°C	3.30 kW	3.30 kW
COP Tj = +7°C	6.49	4.64
Cdh	1.00	1.00

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

Pdh Tj = 12°C	3.90 kW	4.10 kW
COP Tj = 12°C	8.52	6.22
Cdh	1.00	1.00
Pdh Tj = Tbiv	7.50 kW	7.50 kW
COP Tj = Tbiv	2.66	1.90
Pdh Tj = TOL	6.90 kW	7.10 kW
COP Tj = TOL	2.41	1.64
Cdh	1.00	1.00
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	Electrical	Electrical
Supplementary Heater: PSUP	1.10 kW	0.90 kW
Annual energy consumption Qhe	3625 kWh	4975 kWh

Cooling

EN 14825

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

	+7°C/+12°C
P _{designc}	5.40 kW
SEER	5.71
P _{dc} T _j = 35°C	5.44 kW
EER T _j = 35°C	3.14
P _{dc} T _j = 30°C	4.02 kW
EER T _j = 30°C	4.84
C _{dc}	1.0
P _{dc} T _j = 25°C	2.47 kW
EER T _j = 25°C	6.86
C _{dc}	1.0
P _{dc} T _j = 20°C	2.54 kW
EER T _j = 20°C	8.47
C _{dc}	1.0
P _{off}	10 W
PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Q _{ce}	571 kWh

EN 14511-2	
	+7°C/+12°C
El input	1.73 kW
Indoor water flow rate	0.94 m³/h
Cooling capacity	5.44
EER	3.14

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	125 %
COP	3.10
Heating up time	1:40 h:min
Standby power input	28.0 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	238 l

Model: ERGA08EV / EHVH08SU18E6V

General Data

Power supply	1x230V 50Hz
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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	7.50 kW	7.50 kW
El input	1.63 kW	2.78 kW
COP	4.60	2.70
Indoor water flow rate	1.29 m ³ /h	0.81 m ³ /h

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	179 %	130 %
Prated	8.00 kW	8.00 kW
SCOP	4.56	3.32
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.00 kW	6.90 kW
COP Tj = -7°C	2.77	1.96
Cdh		1.00
Pdh Tj = +2°C	4.20 kW	4.40 kW
COP Tj = +2°C	4.35	3.20
Cdh	1.00	1.00
Pdh Tj = +7°C	3.30 kW	3.30 kW
COP Tj = +7°C	6.49	4.64
Cdh	1.00	1.00

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

Pdh Tj = 12°C	3.90 kW	4.10 kW
COP Tj = 12°C	8.52	6.22
Cdh	1.00	1.00
Pdh Tj = Tbiv	7.50 kW	7.50 kW
COP Tj = Tbiv	2.66	1.90
Pdh Tj = TOL	6.90 kW	7.10 kW
COP Tj = TOL	2.41	1.64
Cdh	1.00	1.00
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	Electrical	Electrical
Supplementary Heater: PSUP	1.10 kW	0.90 kW
Annual energy consumption Qhe	3625 kWh	4975 kWh

Cooling

EN 14825

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

	+7°C/+12°C
P _{designc}	5.40 kW
SEER	5.71
P _{dc} T _j = 35°C	5.44 kW
EER T _j = 35°C	3.14
P _{dc} T _j = 30°C	4.02 kW
EER T _j = 30°C	4.84
C _{dc}	1.0
P _{dc} T _j = 25°C	2.47 kW
EER T _j = 25°C	6.86
C _{dc}	1.0
P _{dc} T _j = 20°C	2.54 kW
EER T _j = 20°C	8.47
C _{dc}	1.0
P _{off}	10 W
PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Q _{ce}	571 kWh

EN 14511-2	
	+7°C/+12°C
El input	1.73 kW
Indoor water flow rate	0.94 m³/h
Cooling capacity	5.44
EER	3.14

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	125 %
COP	3.10
Heating up time	1:40 h:min
Standby power input	28.0 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	238 l

Model: ERGA08EV / EHVH08S18E6V + cooling kit

General Data

Power supply	1x230V 50Hz
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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	7.50 kW	7.50 kW
El input	1.63 kW	2.78 kW
COP	4.60	2.70
Indoor water flow rate	1.29 m ³ /h	0.81 m ³ /h

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	181 %	131 %
Prated	8.00 kW	8.00 kW
SCOP	4.61	3.35
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.00 kW	6.90 kW
COP Tj = -7°C	2.77	1.96
Cdh		1.00
Pdh Tj = +2°C	4.20 kW	4.40 kW
COP Tj = +2°C	4.35	3.20
Cdh	1.00	1.00
Pdh Tj = +7°C	3.30 kW	3.30 kW
COP Tj = +7°C	6.49	4.64
Cdh	1.00	1.00

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

Pdh Tj = 12°C	3.90 kW	4.10 kW
COP Tj = 12°C	8.52	6.22
Cdh	1.00	1.00
Pdh Tj = Tbiv	7.50 kW	7.50 kW
COP Tj = Tbiv	2.66	1.90
Pdh Tj = TOL	6.90 kW	7.10 kW
COP Tj = TOL	2.41	1.64
Cdh	1.00	1.00
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	Electrical	Electrical
Supplementary Heater: PSUP	1.10 kW	0.90 kW
Annual energy consumption Qhe	3588 kWh	4939 kWh

Cooling

EN 14825

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

	+7°C/+12°C
P _{designc}	5.40 kW
SEER	5.71
P _{dc} T _j = 35°C	5.44 kW
EER T _j = 35°C	3.14
P _{dc} T _j = 30°C	4.02 kW
EER T _j = 30°C	4.84
C _{dc}	1.0
P _{dc} T _j = 25°C	2.47 kW
EER T _j = 25°C	6.86
C _{dc}	1.0
P _{dc} T _j = 20°C	2.54 kW
EER T _j = 20°C	8.47
C _{dc}	1.0
P _{off}	10 W
PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Q _{ce}	571 kWh

EN 14511-2	
	+7°C/+12°C
El input	1.73 kW
Indoor water flow rate	0.94 m³/h
Cooling capacity	5.44
EER	3.14

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	125 %
COP	3.10
Heating up time	1:40 h:min
Standby power input	28.0 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	238 l

Model: ERGA08EV / EHVH08S18E9W + cooling kit

General Data

Power supply	1x230V 50Hz
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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	7.50 kW	7.50 kW
El input	1.63 kW	2.78 kW
COP	4.60	2.70
Indoor water flow rate	1.29 m ³ /h	0.81 m ³ /h

Average Climate

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

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	181 %	131 %
Prated	8.00 kW	8.00 kW
SCOP	4.61	3.35
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.00 kW	6.90 kW
COP Tj = -7°C	2.77	1.96
Cdh		1.00
Pdh Tj = +2°C	4.20 kW	4.40 kW
COP Tj = +2°C	4.35	3.20
Cdh	1.00	1.00
Pdh Tj = +7°C	3.30 kW	3.30 kW
COP Tj = +7°C	6.49	4.64
Cdh	1.00	1.00

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

Pdh Tj = 12°C	3.90 kW	4.10 kW
COP Tj = 12°C	8.52	6.22
Cdh	1.00	1.00
Pdh Tj = Tbiv	7.50 kW	7.50 kW
COP Tj = Tbiv	2.66	1.90
Pdh Tj = TOL	6.90 kW	7.10 kW
COP Tj = TOL	2.41	1.64
Cdh	1.00	1.00
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	Electrical	Electrical
Supplementary Heater: PSUP	1.10 kW	0.90 kW
Annual energy consumption Qhe	3588 kWh	4939 kWh

Cooling

EN 14825

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

	+7°C/+12°C
P _{designc}	5.40 kW
SEER	5.71
P _{dc} T _j = 35°C	5.44 kW
EER T _j = 35°C	3.14
P _{dc} T _j = 30°C	4.02 kW
EER T _j = 30°C	4.84
C _{dc}	1.0
P _{dc} T _j = 25°C	2.47 kW
EER T _j = 25°C	6.86
C _{dc}	1.0
P _{dc} T _j = 20°C	2.54 kW
EER T _j = 20°C	8.47
C _{dc}	1.0
P _{off}	10 W
PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Q _{ce}	571 kWh

EN 14511-2	
	+7°C/+12°C
El input	1.73 kW
Indoor water flow rate	0.94 m³/h
Cooling capacity	5.44
EER	3.14

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	125 %
COP	3.10
Heating up time	1:40 h:min
Standby power input	28.0 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	238 l

Model: ERGA08EV / EHVZ08S18E6V + cooling kit

General Data

Power supply	1x230V 50Hz
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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	7.50 kW	7.50 kW
El input	1.63 kW	2.78 kW
COP	4.60	2.70
Indoor water flow rate	1.29 m ³ /h	0.81 m ³ /h

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	181 %	131 %
Prated	8.00 kW	8.00 kW
SCOP	4.61	3.35
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.00 kW	6.90 kW
COP Tj = -7°C	2.77	1.96
Cdh		1.00
Pdh Tj = +2°C	4.20 kW	4.40 kW
COP Tj = +2°C	4.35	3.20
Cdh	1.00	1.00
Pdh Tj = +7°C	3.30 kW	3.30 kW
COP Tj = +7°C	6.49	4.64
Cdh	1.00	1.00

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

Pdh Tj = 12°C	3.90 kW	4.10 kW
COP Tj = 12°C	8.52	6.22
Cdh	1.00	1.00
Pdh Tj = Tbiv	7.50 kW	7.50 kW
COP Tj = Tbiv	2.66	1.90
Pdh Tj = TOL	6.90 kW	7.10 kW
COP Tj = TOL	2.41	1.64
Cdh	1.00	1.00
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	Electrical	Electrical
Supplementary Heater: PSUP	1.10 kW	0.90 kW
Annual energy consumption Qhe	3588 kWh	4939 kWh

Cooling

EN 14825

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

	+7°C/+12°C
P _{designc}	5.40 kW
SEER	5.71
P _{dc} T _j = 35°C	5.44 kW
EER T _j = 35°C	3.14
P _{dc} T _j = 30°C	4.02 kW
EER T _j = 30°C	4.84
C _{dc}	1.0
P _{dc} T _j = 25°C	2.47 kW
EER T _j = 25°C	6.86
C _{dc}	1.0
P _{dc} T _j = 20°C	2.54 kW
EER T _j = 20°C	8.47
C _{dc}	1.0
P _{off}	10 W
PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Q _{ce}	571 kWh

EN 14511-2	
	+7°C/+12°C
El input	1.73 kW
Indoor water flow rate	0.94 m³/h
Cooling capacity	5.44
EER	3.14

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	125 %
COP	3.10
Heating up time	1:40 h:min
Standby power input	28.0 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	238 l

Model: ERGA08EV / EHVZ08S18E9W + cooling kit

General Data

Power supply	1x230V 50Hz
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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	7.50 kW	7.50 kW
El input	1.63 kW	2.78 kW
COP	4.60	2.70
Indoor water flow rate	1.29 m ³ /h	0.81 m ³ /h

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	181 %	131 %
Prated	8.00 kW	8.00 kW
SCOP	4.61	3.35
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.00 kW	6.90 kW
COP Tj = -7°C	2.77	1.96
Cdh		1.00
Pdh Tj = +2°C	4.20 kW	4.40 kW
COP Tj = +2°C	4.35	3.20
Cdh	1.00	1.00
Pdh Tj = +7°C	3.30 kW	3.30 kW
COP Tj = +7°C	6.49	4.64
Cdh	1.00	1.00

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

Pdh Tj = 12°C	3.90 kW	4.10 kW
COP Tj = 12°C	8.52	6.22
Cdh	1.00	1.00
Pdh Tj = Tbiv	7.50 kW	7.50 kW
COP Tj = Tbiv	2.66	1.90
Pdh Tj = TOL	6.90 kW	7.10 kW
COP Tj = TOL	2.41	1.64
Cdh	1.00	1.00
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	Electrical	Electrical
Supplementary Heater: PSUP	1.10 kW	0.90 kW
Annual energy consumption Qhe	3588 kWh	4939 kWh

Cooling

EN 14825

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

	+7°C/+12°C
P _{designc}	5.40 kW
SEER	5.71
P _{dc} T _j = 35°C	5.44 kW
EER T _j = 35°C	3.14
P _{dc} T _j = 30°C	4.02 kW
EER T _j = 30°C	4.84
C _{dc}	1.0
P _{dc} T _j = 25°C	2.47 kW
EER T _j = 25°C	6.86
C _{dc}	1.0
P _{dc} T _j = 20°C	2.54 kW
EER T _j = 20°C	8.47
C _{dc}	1.0
P _{off}	10 W
PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Q _{ce}	571 kWh

EN 14511-2	
	+7°C/+12°C
El input	1.73 kW
Indoor water flow rate	0.94 m³/h
Cooling capacity	5.44
EER	3.14

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	125 %
COP	3.10
Heating up time	1:40 h:min
Standby power input	28.0 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	238 l

Model: ERGA08EV / EHBX08E6V

General Data

Power supply	1x230V 50Hz
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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	7.50 kW	7.50 kW
El input	1.63 kW	2.78 kW
COP	4.60	2.70
Indoor water flow rate	1.29 m ³ /h	0.81 m ³ /h

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	181 %	131 %
Prated	8.00 kW	8.00 kW
SCOP	4.61	3.35
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.00 kW	6.90 kW
COP Tj = -7°C	2.77	1.96
Cdh		1.00
Pdh Tj = +2°C	4.20 kW	4.40 kW
COP Tj = +2°C	4.35	3.20
Cdh	1.00	1.00
Pdh Tj = +7°C	3.30 kW	3.30 kW
COP Tj = +7°C	6.49	4.64
Cdh	1.00	1.00

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

Pdh Tj = 12°C	3.90 kW	4.10 kW
COP Tj = 12°C	8.52	6.22
Cdh	1.00	1.00
Pdh Tj = Tbiv	7.50 kW	7.50 kW
COP Tj = Tbiv	2.66	1.90
Pdh Tj = TOL	6.90 kW	7.10 kW
COP Tj = TOL	2.41	1.64
Cdh	1.00	1.00
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	Electrical	Electrical
Supplementary Heater: PSUP	1.10 kW	0.90 kW
Annual energy consumption Qhe	3588 kWh	4939 kWh

Cooling

EN 14825

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

	+7°C/+12°C
P _{designc}	5.40 kW
SEER	5.71
P _{dc} T _j = 35°C	5.44 kW
EER T _j = 35°C	3.14
P _{dc} T _j = 30°C	4.02 kW
EER T _j = 30°C	4.84
C _{dc}	1.0
P _{dc} T _j = 25°C	2.47 kW
EER T _j = 25°C	6.86
C _{dc}	1.0
P _{dc} T _j = 20°C	2.54 kW
EER T _j = 20°C	8.47
C _{dc}	1.0
P _{off}	10 W
PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Q _{ce}	571 kWh

EN 14511-2	
	+7°C/+12°C
El input	1.73 kW
Indoor water flow rate	0.94 m³/h
Cooling capacity	5.44
EER	3.14

Model: ERGA08EV / EHBX08E9W

General Data

Power supply	1x230V 50Hz
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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	7.50 kW	7.50 kW
El input	1.63 kW	2.78 kW
COP	4.60	2.70
Indoor water flow rate	1.29 m ³ /h	0.81 m ³ /h

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	181 %	131 %
Prated	8.00 kW	8.00 kW
SCOP	4.61	3.35
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.00 kW	6.90 kW
COP Tj = -7°C	2.77	1.96
Cdh		1.00
Pdh Tj = +2°C	4.20 kW	4.40 kW
COP Tj = +2°C	4.35	3.20
Cdh	1.00	1.00
Pdh Tj = +7°C	3.30 kW	3.30 kW
COP Tj = +7°C	6.49	4.64
Cdh	1.00	1.00

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

Pdh Tj = 12°C	3.90 kW	4.10 kW
COP Tj = 12°C	8.52	6.22
Cdh	1.00	1.00
Pdh Tj = Tbiv	7.50 kW	7.50 kW
COP Tj = Tbiv	2.66	1.90
Pdh Tj = TOL	6.90 kW	7.10 kW
COP Tj = TOL	2.41	1.64
Cdh	1.00	1.00
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	Electrical	Electrical
Supplementary Heater: PSUP	1.10 kW	0.90 kW
Annual energy consumption Qhe	3588 kWh	4939 kWh

Cooling

EN 14825

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

	+7°C/+12°C
P _{designc}	5.40 kW
SEER	5.71
P _{dc} T _j = 35°C	5.44 kW
EER T _j = 35°C	3.14
P _{dc} T _j = 30°C	4.02 kW
EER T _j = 30°C	4.84
C _{dc}	1.0
P _{dc} T _j = 25°C	2.47 kW
EER T _j = 25°C	6.86
C _{dc}	1.0
P _{dc} T _j = 20°C	2.54 kW
EER T _j = 20°C	8.47
C _{dc}	1.0
P _{off}	10 W
PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Q _{ce}	571 kWh

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

EN 14511-2	
	+7°C/+12°C
El input	1.73 kW
Indoor water flow rate	0.94 m³/h
Cooling capacity	5.44
EER	3.14

Model: ERGA08EV / EHBH08E6V

General Data

Power supply	1x230V 50Hz
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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	7.50 kW	7.50 kW
El input	1.63 kW	2.78 kW
COP	4.60	2.70
Indoor water flow rate	1.29 m ³ /h	0.81 m ³ /h

Average Climate

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

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	181 %	131 %
Prated	8.00 kW	8.00 kW
SCOP	4.61	3.35
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.00 kW	6.90 kW
COP Tj = -7°C	2.77	1.96
Cdh		1.00
Pdh Tj = +2°C	4.20 kW	4.40 kW
COP Tj = +2°C	4.35	3.20
Cdh	1.00	1.00
Pdh Tj = +7°C	3.30 kW	3.30 kW
COP Tj = +7°C	6.49	4.64
Cdh	1.00	1.00

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

Pdh Tj = 12°C	3.90 kW	4.10 kW
COP Tj = 12°C	8.52	6.22
Cdh	1.00	1.00
Pdh Tj = Tbiv	7.50 kW	7.50 kW
COP Tj = Tbiv	2.66	1.90
Pdh Tj = TOL	6.90 kW	7.10 kW
COP Tj = TOL	2.41	1.64
Cdh	1.00	1.00
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	Electrical	Electrical
Supplementary Heater: PSUP	1.10 kW	0.90 kW
Annual energy consumption Qhe	3588 kWh	4939 kWh

Cooling

EN 14825

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

	+7°C/+12°C
P _{designc}	5.40 kW
SEER	5.71
P _{dc} T _j = 35°C	5.44 kW
EER T _j = 35°C	3.14
P _{dc} T _j = 30°C	4.02 kW
EER T _j = 30°C	4.84
C _{dc}	1.0
P _{dc} T _j = 25°C	2.47 kW
EER T _j = 25°C	6.86
C _{dc}	1.0
P _{dc} T _j = 20°C	2.54 kW
EER T _j = 20°C	8.47
C _{dc}	1.0
P _{off}	10 W
PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Q _{ce}	571 kWh

EN 14511-2	
	+7°C/+12°C
El input	1.73 kW
Indoor water flow rate	0.94 m³/h
Cooling capacity	5.44
EER	3.14

Model: ERGA08EV / EHBH08E9W

General Data

Power supply	1x230V 50Hz
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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	7.50 kW	7.50 kW
El input	1.63 kW	2.78 kW
COP	4.60	2.70
Indoor water flow rate	1.29 m ³ /h	0.81 m ³ /h

Average Climate

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

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	181 %	131 %
Prated	8.00 kW	8.00 kW
SCOP	4.61	3.35
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.00 kW	6.90 kW
COP Tj = -7°C	2.77	1.96
Cdh		1.00
Pdh Tj = +2°C	4.20 kW	4.40 kW
COP Tj = +2°C	4.35	3.20
Cdh	1.00	1.00
Pdh Tj = +7°C	3.30 kW	3.30 kW
COP Tj = +7°C	6.49	4.64
Cdh	1.00	1.00

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

Pdh Tj = 12°C	3.90 kW	4.10 kW
COP Tj = 12°C	8.52	6.22
Cdh	1.00	1.00
Pdh Tj = Tbiv	7.50 kW	7.50 kW
COP Tj = Tbiv	2.66	1.90
Pdh Tj = TOL	6.90 kW	7.10 kW
COP Tj = TOL	2.41	1.64
Cdh	1.00	1.00
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	Electrical	Electrical
Supplementary Heater: PSUP	1.10 kW	0.90 kW
Annual energy consumption Qhe	3588 kWh	4939 kWh

Cooling

EN 14825

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

	+7°C/+12°C
P _{designc}	5.40 kW
SEER	5.71
P _{dc} T _j = 35°C	5.44 kW
EER T _j = 35°C	3.14
P _{dc} T _j = 30°C	4.02 kW
EER T _j = 30°C	4.84
C _{dc}	1.0
P _{dc} T _j = 25°C	2.47 kW
EER T _j = 25°C	6.86
C _{dc}	1.0
P _{dc} T _j = 20°C	2.54 kW
EER T _j = 20°C	8.47
C _{dc}	1.0
P _{off}	10 W
PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Q _{ce}	571 kWh

EN 14511-2	
	+7°C/+12°C
El input	1.73 kW
Indoor water flow rate	0.94 m³/h
Cooling capacity	5.44
EER	3.14

Model: ERGA08EV / EHBH08E6V + cooling kit

General Data

Power supply	1x230V 50Hz
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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	7.50 kW	7.50 kW
El input	1.63 kW	2.78 kW
COP	4.60	2.70
Indoor water flow rate	1.29 m ³ /h	0.81 m ³ /h

Average Climate

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

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	181 %	131 %
Prated	8.00 kW	8.00 kW
SCOP	4.61	3.35
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.00 kW	6.90 kW
COP Tj = -7°C	2.77	1.96
Cdh		1.00
Pdh Tj = +2°C	4.20 kW	4.40 kW
COP Tj = +2°C	4.35	3.20
Cdh	1.00	1.00
Pdh Tj = +7°C	3.30 kW	3.30 kW
COP Tj = +7°C	6.49	4.64
Cdh	1.00	1.00

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

Pdh Tj = 12°C	3.90 kW	4.10 kW
COP Tj = 12°C	8.52	6.22
Cdh	1.00	1.00
Pdh Tj = Tbiv	7.50 kW	7.50 kW
COP Tj = Tbiv	2.66	1.90
Pdh Tj = TOL	6.90 kW	7.10 kW
COP Tj = TOL	2.41	1.64
Cdh	1.00	1.00
WTOL	35 °C	55 °C
Poff	10 W	10 W
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Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	1.10 kW	0.90 kW
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Cooling

EN 14825

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C _{dc}	1.0
P _{off}	10 W
PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Q _{ce}	571 kWh

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

EN 14511-2	
	+7°C/+12°C
El input	1.73 kW
Indoor water flow rate	0.94 m³/h
Cooling capacity	5.44
EER	3.14

Model: ERGA08EV / EHBH08E9W + cooling kit

General Data

Power supply	1x230V 50Hz
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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
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