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Summary of	DAIKIN ALTHERMA 3 R F+W 08KW (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			
Subtype title	DAIKIN ALTHERMA 3 R F+W 08KW (180L)			
Heat Pump Type	Outdoor Air/Water			
Refrigerant	R32			
Mass of Refrigerant	1.5 kg			
Certification Date	22.11.2017			
Testing basis	European KEYMARK Scheme for Heat Pumps Rev. 9 (as of 2021-03)			

Model: ERGA08EV / EHBH08E(6V/9W)

Configure model		
Model name	ERGA08EV / EHBH08E(6V/9W)	
Application	Heating (medium temp)	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

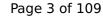
General Data		
Power supply	1x230V 50Hz	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	7.50 kW	7.50 kW
El input	1.63 kW	2.78 kW
СОР	4.60	2.70

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	1.73 kW
Cooling capacity	5.44
EER	3.14

EN 14825





	+7°C/+12°C
Pdesignc	5.40 kW
SEER	5.71
Pdc Tj = 35°C	5.44 kW
EER Tj = 35°C	3.14
Pdc Tj = 30°C	4.02 kW
EER Tj = 30°C	4.84
Cdc	1.0
Pdc Tj = 25°C	2.47 kW
EER Tj = 25°C	6.86
Cdc	1.0
Pdc Tj = 20°C	2.54 kW
EER Tj = 20°C	8.47
Cdc	1.0
Poff	10 W
РТО	10 W
PSB	10 W
PCK	o w
Annual energy consumption Qce	571 kWh



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 Tj = -7 °C	n/a	1.00
Pdh Tj = +2°C	4.20 kW	4.40 kW
COP Tj = +2°C	4.35	3.20
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	3.30 kW	3.30 kW
COP Tj = +7°C	6.49	4.64
Cdh Tj = +7 °C	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 Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	7.50 kW	7.50 kW
COP Tj = Tbiv	2.66	1.90
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.90 kW	7.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.41	1.64
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.00	1.00
WTOL	35 °C	55 °C
Poff	10 W	10 W
РТО	10 W	10 W
PSB	10 W	10 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.10 kW	0.90 kW
Annual energy consumption Qhe	3588 kWh	4939 kWh

Model: ERGA08EV / EHBX08E(6V/9W)

Configure model		
Model name	ERGA08EV / EHBX08E(6V/9W)	
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

COP

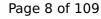
4.60

EN 14511-2			
Low temperature Medium temperature			
Heat output	7.50 kW	7.50 kW	
El input	1.63 kW	2.78 kW	

2.70

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	1.73 kW	
Cooling capacity	5.44	
EER	3.14	

EN 14825





	+7°C/+12°C
Pdesignc	5.40 kW
SEER	5.71
Pdc Tj = 35°C	5.44 kW
EER Tj = 35°C	3.14
Pdc Tj = 30°C	4.02 kW
EER Tj = 30°C	4.84
Cdc	1.0
Pdc Tj = 25°C	2.47 kW
EER Tj = 25°C	6.86
Cdc	1.0
Pdc Tj = 20°C	2.54 kW
EER Tj = 20°C	8.47
Cdc	1.0
Poff	10 W
РТО	10 W
PSB	10 W
PCK	o w
Annual energy consumption Qce	571 kWh



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 Tj = -7 °C	n/a	1.00
Pdh Tj = $+2$ °C	4.20 kW	4.40 kW
$COP Tj = +2^{\circ}C$	4.35	3.20
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = $+7^{\circ}$ C	3.30 kW	3.30 kW
$COP Tj = +7^{\circ}C$	6.49	4.64
Cdh Tj = +7 °C	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 Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	7.50 kW	7.50 kW
COP Tj = Tbiv	2.66	1.90
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.90 kW	7.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.41	1.64
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.00	1.00
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	1.10 kW	0.90 kW
Annual energy consumption Qhe	3588 kWh	4939 kWh

Model: ERGA08EV / EHVH08S18E(6V/9W)

Configure model		
Model name ERGA08EV / EHVH08S18E(6V/9W)		
Application Heating + DHW + low temp		
Units	Indoor + Outdoor	
Climate Zone n/a		
Reversibility No		
Cooling mode application (optional) n/a		

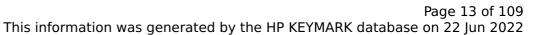
General Data		
Power supply 1x230V 50Hz		

Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	7.50 kW	7.50 kW	
El input	1.63 kW	2.78 kW	
СОР	4.60	2.70	

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

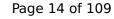
Cooling





EN 14511-2		
+7°C/+12°C		
El input	1.73 kW	
Cooling capacity	5.44	
EER	3.14	

EN 14825

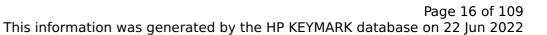




	+7°C/+12°C
Pdesignc	5.40 kW
SEER	5.71
Pdc Tj = 35°C	5.44 kW
EER Tj = 35°C	3.14
Pdc Tj = 30°C	4.02 kW
EER Tj = 30°C	4.84
Cdc	1.0
Pdc Tj = 25°C	2.47 kW
EER Tj = 25°C	6.86
Cdc	1.0
Pdc Tj = 20°C	2.54 kW
EER Tj = 20°C	8.47
Cdc	1.0
Poff	10 W
РТО	10 W
PSB	10 W
PCK	o w
Annual energy consumption Qce	571 kWh

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)

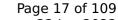
EN 14825		
	Low temperature	Medium temperature
η_{s}	179 %	130 %
Prated	8.00 kW	8.00 kW
SCOP	4.56	3.32
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.00 kW	6.90 kW
COP Tj = -7° C	2.77	1.96
Cdh Tj = -7 °C	n/a	1.00
Pdh Tj = +2°C	4.20 kW	4.40 kW
COP Tj = +2°C	4.35	3.20
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	3.30 kW	3.30 kW
COP Tj = +7°C	6.49	4.64
Cdh Tj = +7 °C	1.00	1.00





Pdh Tj = 12°C	3.90 kW	4.10 kW
COP Tj = 12°C	8.52	6.22
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	7.50 kW	7.50 kW
COP Tj = Tbiv	2.66	1.90
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.90 kW	7.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.41	1.64
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.00	1.00
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	1.10 kW	0.90 kW
Annual energy consumption Qhe	3625 kWh	4975 kWh

Domestic Hot Water (DHW)





EN 16147	
Declared load profile	L
Efficiency ηDHW	125 %
СОР	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



Model: ERGA08EV / EHVH08SU18E6V

Configure model		
Model name ERGA08EV / EHVH08SU18E6V		
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

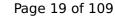
General Data		
Power supply	1x230V 50Hz	

Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	7.50 kW	7.50 kW	
El input	1.63 kW	2.78 kW	
СОР	4.60	2.70	

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

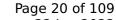
Cooling





EN 14511-2			
+7°C/+12°C			
El input	1.73 kW		
Cooling capacity	5.44		
EER	3.14		

EN 14825





	+7°C/+12°C
Pdesignc	5.40 kW
SEER	5.71
Pdc Tj = 35°C	5.44 kW
EER Tj = 35°C	3.14
Pdc Tj = 30°C	4.02 kW
EER Tj = 30°C	4.84
Cdc	1.0
Pdc Tj = 25°C	2.47 kW
EER Tj = 25°C	6.86
Cdc	1.0
Pdc Tj = 20°C	2.54 kW
EER Tj = 20°C	8.47
Cdc	1.0
Poff	10 W
РТО	10 W
PSB	10 W
PCK	o w
Annual energy consumption Qce	571 kWh



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)

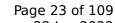
EN 14825		
	Low temperature	Medium temperature
η_{s}	179 %	130 %
Prated	8.00 kW	8.00 kW
SCOP	4.56	3.32
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.00 kW	6.90 kW
COP Tj = -7°C	2.77	1.96
Cdh Tj = -7 °C	n/a	1.00
Pdh Tj = +2°C	4.20 kW	4.40 kW
COP Tj = +2°C	4.35	3.20
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	3.30 kW	3.30 kW
COP Tj = +7°C	6.49	4.64
Cdh Tj = +7 °C	1.00	1.00





Pdh Tj = 12°C	3.90 kW	4.10 kW
COP Tj = 12°C	8.52	6.22
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	7.50 kW	7.50 kW
COP Tj = Tbiv	2.66	1.90
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.90 kW	7.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.41	1.64
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.00	1.00
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	1.10 kW	0.90 kW
Annual energy consumption Qhe	3625 kWh	4975 kWh

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	L	
Efficiency ηDHW	125 %	
СОР	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	



Model: ERGA08EV / EHVX08S18E6V(G)

Configure model		
Model name	ERGA08EV / EHVX08S18E6V(G)	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

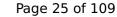
General Data		
Power supply	1x230V 50Hz	

Heating

EN 14511-2			
	Low temperature	Medium temperature	
Heat output	7.50 kW	7.50 kW	
El input	1.63 kW	2.78 kW	
СОР	4.60	2.70	

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	1.73 kW	
Cooling capacity	5.44	
EER	3.14	

EN 14825





	+7°C/+12°C
Pdesignc	5.40 kW
SEER	5.71
Pdc Tj = 35°C	5.44 kW
EER Tj = 35°C	3.14
Pdc Tj = 30°C	4.02 kW
EER Tj = 30°C	4.84
Cdc	1.0
Pdc Tj = 25°C	2.47 kW
EER Tj = 25°C	6.86
Cdc	1.0
Pdc Tj = 20°C	2.54 kW
EER Tj = 20°C	8.47
Cdc	1.0
Poff	10 W
РТО	10 W
PSB	10 W
PCK	o w
Annual energy consumption Qce	571 kWh



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)

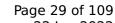
EN 14825		
	Low temperature	Medium temperature
η_{s}	181 %	131 %
Prated	8.00 kW	8.00 kW
SCOP	4.61	3.35
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.00 kW	6.90 kW
COP Tj = -7°C	2.77	1.96
Cdh Tj = -7 °C	n/a	1.00
Pdh Tj = +2°C	4.20 kW	4.40 kW
COP Tj = +2°C	4.35	3.20
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	3.30 kW	3.30 kW
COP Tj = +7°C	6.49	4.64
Cdh Tj = +7 °C	1.00	1.00





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

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	L	
Efficiency ηDHW	125 %	
СОР	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	



Model: ERGA08EV / EHVX08S18E9W

Configure model		
Model name ERGA08EV / EHVX08S18E9W		
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	7.50 kW	7.50 kW	
El input	1.63 kW	2.78 kW	
СОР	4.60	2.70	

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

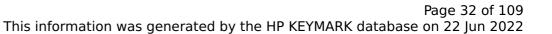


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EN 14511-2			
+7°C/+12°C			
El input	1.73 kW		
Cooling capacity	5.44		
EER	3.14		

ΕN	14	182	25
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	+7°C/+12°C
Pdesignc	5.40 kW
SEER	5.71
Pdc Tj = 35°C	5.44 kW
EER Tj = 35°C	3.14
Pdc Tj = 30°C	4.02 kW
EER Tj = 30°C	4.84
Cdc	1.0
Pdc Tj = 25°C	2.47 kW
EER Tj = 25°C	6.86
Cdc	1.0
Pdc Tj = 20°C	2.54 kW
EER Tj = 20°C	8.47
Cdc	1.0
Poff	10 W
РТО	10 W
PSB	10 W
PCK	o w
Annual energy consumption Qce	571 kWh



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)

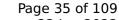
EN 14825		
	Low temperature	Medium temperature
η_{s}	181 %	131 %
Prated	8.00 kW	8.00 kW
SCOP	4.61	3.35
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.00 kW	6.90 kW
COP Tj = -7°C	2.77	1.96
Cdh Tj = -7 °C	n/a	1.00
Pdh Tj = +2°C	4.20 kW	4.40 kW
COP Tj = +2°C	4.35	3.20
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	3.30 kW	3.30 kW
COP Tj = +7°C	6.49	4.64
Cdh Tj = +7 °C	1.00	1.00





Pdh Tj = 12°C	3.90 kW	4.10 kW
COP Tj = 12°C	8.52	6.22
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	7.50 kW	7.50 kW
COP Tj = Tbiv	2.66	1.90
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.90 kW	7.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.41	1.64
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.00	1.00
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	1.10 kW	0.90 kW
Annual energy consumption Qhe	3588 kWh	4939 kWh

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	L	
Efficiency ηDHW	125 %	
СОР	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	



Model: ERGA08EV / EHVZ08S18E(6V/9W)

Configure model			
Model name	ERGA08EV / EHVZ08S18E(6V/9W)		
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	7.50 kW	7.50 kW	
El input	1.63 kW	2.78 kW	
СОР	4.60	2.70	

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

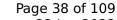
Cooling





EN 14511-2			
+7°C/+12°C			
El input	1.73 kW		
Cooling capacity	5.44		
EER	3.14		

EN 14825



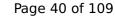


	+7°C/+12°C
Pdesignc	5.40 kW
SEER	5.71
Pdc Tj = 35°C	5.44 kW
EER Tj = 35°C	3.14
Pdc Tj = 30°C	4.02 kW
EER Tj = 30°C	4.84
Cdc	1.0
Pdc Tj = 25°C	2.47 kW
EER Tj = 25°C	6.86
Cdc	1.0
Pdc Tj = 20°C	2.54 kW
EER Tj = 20°C	8.47
Cdc	1.0
Poff	10 W
РТО	10 W
PSB	10 W
PCK	o w
Annual energy consumption Qce	571 kWh



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)

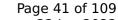
EN 14825		
	Low temperature	Medium temperature
η_{s}	179 %	130 %
Prated	8.00 kW	8.00 kW
SCOP	4.56	3.32
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.00 kW	6.90 kW
COP Tj = -7°C	2.77	1.96
Cdh Tj = -7 °C	n/a	1.00
Pdh Tj = +2°C	4.20 kW	4.40 kW
COP Tj = +2°C	4.35	3.20
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	3.30 kW	3.30 kW
COP Tj = +7°C	6.49	4.64
Cdh Tj = +7 °C	1.00	1.00





Pdh Tj = 12°C	3.90 kW	4.10 kW
COP Tj = 12°C	8.52	6.22
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	7.50 kW	7.50 kW
COP Tj = Tbiv	2.66	1.90
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.90 kW	7.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.41	1.64
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.00	1.00
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	1.10 kW	0.90 kW
Annual energy consumption Qhe	3625 kWh	4975 kWh

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	L	
Efficiency ηDHW	125 %	
СОР	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	



Model: ERGA08EV / EHBH08E(6V/9W) + cooling kit

Configure model		
Model name	ERGA08EV / EHBH08E(6V/9W) + cooling kit	
Application	Heating (medium temp)	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility Yes		
Cooling mode application (optional)	+7°C/12°C	

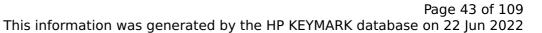
General Data		
Power supply 1x230V 50Hz		

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	7.50 kW	7.50 kW
El input	1.63 kW	2.78 kW
СОР	4.60	2.70

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	1.73 kW
Cooling capacity	5.44
EER	3.14

EN 14825





	+7°C/+12°C
Pdesignc	5.40 kW
SEER	5.71
Pdc Tj = 35°C	5.44 kW
EER Tj = 35°C	3.14
Pdc Tj = 30°C	4.02 kW
EER Tj = 30°C	4.84
Cdc	1.0
Pdc Tj = 25°C	2.47 kW
EER Tj = 25°C	6.86
Cdc	1.0
Pdc Tj = 20°C	2.54 kW
EER Tj = 20°C	8.47
Cdc	1.0
Poff	10 W
PTO	10 W
PSB	10 W
PCK	o w
Annual energy consumption Qce	571 kWh



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 Tj = -7 °C	n/a	1.00
Pdh Tj = $+2$ °C	4.20 kW	4.40 kW
$COP Tj = +2^{\circ}C$	4.35	3.20
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = $+7^{\circ}$ C	3.30 kW	3.30 kW
$COP Tj = +7^{\circ}C$	6.49	4.64
Cdh Tj = +7 °C	1.00	1.00



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This information was generated by the HP KEYMARK database on 22 Jun 2022

Pdh Tj = 12°C	3.90 kW	4.10 kW
COP Tj = 12°C	8.52	6.22
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	7.50 kW	7.50 kW
COP Tj = Tbiv	2.66	1.90
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.90 kW	7.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.41	1.64
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	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	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.10 kW	0.90 kW
Annual energy consumption Qhe	3588 kWh	4939 kWh



Model: ERGA08EV / EHVH08S18E(6V/9W) + cooling kit

Configure model		
Model name	ERGA08EV / EHVH08S18E(6V/9W) + cooling kit	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

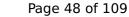
General Data		
Power supply 1x230V 50Hz		

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	7.50 kW	7.50 kW
El input	1.63 kW	2.78 kW
СОР	4.60	2.70

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	1.73 kW	
Cooling capacity	5.44	
EER	3.14	

EN 14825





This information was generated by the firek.	+7°C/+12°C
Pdesignc	5.40 kW
SEER	5.71
Pdc Tj = 35°C	5.44 kW
EER Tj = 35°C	3.14
Pdc Tj = 30°C	4.02 kW
EER Tj = 30°C	4.84
Cdc	1.0
Pdc Tj = 25°C	2.47 kW
EER Tj = 25°C	6.86
Cdc	1.0
Pdc Tj = 20°C	2.54 kW
EER Tj = 20°C	8.47
Cdc	1.0
Poff	10 W
PTO	10 W
PSB	10 W
PCK	o w
Annual energy consumption Qce	571 kWh



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 Tj = -7 °C	n/a	1.00
Pdh Tj = +2°C	4.20 kW	4.40 kW
COP Tj = +2°C	4.35	3.20
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = $+7^{\circ}$ C	3.30 kW	3.30 kW
COP Tj = +7°C	6.49	4.64
Cdh Tj = +7 °C	1.00	1.00

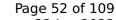


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This information was generated by the HP KEYMARK database on 22 Jun 2022

3.90 kW	4.10 kW
8.52	6.22
1.00	1.00
7.50 kW	7.50 kW
2.66	1.90
6.90 kW	7.10 kW
2.41	1.64
1.00	1.00
35 °C	55 °C
10 W	10 W
10 W	10 W
10 W	10 W
0 W	o w
Electricity	Electricity
1.10 kW	0.90 kW
3588 kWh	4939 kWh
	8.52 1.00 7.50 kW 2.66 6.90 kW 2.41 1.00 35 °C 10 W 10 W 10 W Electricity 1.10 kW

Domestic Hot Water (DHW)





EN 16147	
Declared load profile	L
Efficiency ηDHW	125 %
СОР	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



Model: ERGA08EV / EHVZ08S18E(6V/9W) + cooling kit

Configure model		
Model name	ERGA08EV / EHVZ08S18E(6V/9W) + cooling kit	
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	7.50 kW	7.50 kW
El input	1.63 kW	2.78 kW
СОР	4.60	2.70

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

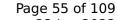
Cooling





EN 14511-2	
	+7°C/+12°C
El input	1.73 kW
Cooling capacity	5.44
EER	3.14

EN 14825





	+7°C/+12°C
Pdesignc	5.40 kW
SEER	5.71
Pdc Tj = 35°C	5.44 kW
EER Tj = 35°C	3.14
Pdc Tj = 30°C	4.02 kW
EER Tj = 30°C	4.84
Cdc	1.0
Pdc Tj = 25°C	2.47 kW
EER Tj = 25°C	6.86
Cdc	1.0
Pdc Tj = 20°C	2.54 kW
EER Tj = 20°C	8.47
Cdc	1.0
Poff	10 W
РТО	10 W
PSB	10 W
PCK	o w
Annual energy consumption Qce	571 kWh



	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)

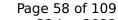
EN 14825		
	Low temperature	Medium temperature
η_{s}	181 %	131 %
Prated	8.00 kW	8.00 kW
SCOP	4.61	3.35
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.00 kW	6.90 kW
COP Tj = -7°C	2.77	1.96
Cdh Tj = -7 °C	n/a	1.00
Pdh Tj = +2°C	4.20 kW	4.40 kW
COP Tj = +2°C	4.35	3.20
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = $+7^{\circ}$ C	3.30 kW	3.30 kW
COP Tj = +7°C	6.49	4.64
Cdh Tj = +7 °C	1.00	1.00





Pdh Tj = 12°C	3.90 kW	4.10 kW
COP Tj = 12°C	8.52	6.22
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	7.50 kW	7.50 kW
COP Tj = Tbiv	2.66	1.90
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.90 kW	7.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.41	1.64
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.00	1.00
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	1.10 kW	0.90 kW
Annual energy consumption Qhe	3588 kWh	4939 kWh

Domestic Hot Water (DHW)





EN 16147	
Declared load profile	L
Efficiency ηDHW	125 %
СОР	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



Model: ERGA08EVH / EHBH08E(6V/9W)

Configure model		
Model name	ERGA08EVH / EHBH08E(6V/9W)	
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	7.50 kW	7.50 kW	
El input	1.63 kW	2.78 kW	
СОР	4.60	2.70	

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

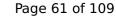
Cooling





EN 14511-2		
	+7°C/+12°C	
El input	1.73 kW	
Cooling capacity	5.44	
EER	3.14	

EN 14825





This information was generated by the HP KE	+7°C/+12°C
Pdesignc	5.40 kW
SEER	5.71
Pdc Tj = 35°C	5.44 kW
EER Tj = 35°C	3.14
Pdc Tj = 30°C	4.02 kW
EER Tj = 30°C	4.84
Cdc	1.0
Pdc Tj = 25°C	2.47 kW
EER Tj = 25°C	6.86
Cdc	1.0
Pdc Tj = 20°C	2.54 kW
EER Tj = 20°C	8.47
Cdc	1.0
Poff	10 W
РТО	10 W
PSB	10 W
PCK	o w
Annual energy consumption Qce	571 kWh



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	8.0 kW	8.0 kW
SCOP	4.56	3.32
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.0 kW	6.9 kW
COP Tj = -7°C	2.77	1.96
Cdh Tj = -7 °C	n/a	1.0
Pdh Tj = +2°C	4.2 kW	4.4 kW
COP Tj = +2°C	4.35	3.20
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	3.3 kW	3.3 kW
COP Tj = +7°C	6.49	4.64
Cdh Tj = +7 °C	1.0	1.0



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This information was generated by the HP KEYMARK database on 22 Jun 2022

Pdh Tj = 12°C	3.9 kW	4.1 kW
COP Tj = 12°C	8.52	6.22
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	7.5 kW	7.5 kW
COP Tj = Tbiv	2.66	1.90
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.9 kW	7.1 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.41	1.64
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.00	1.00
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	1.1 kW	0.9 kW
Annual energy consumption Qhe	3625 kWh	4975 kWh



Model: ERGA08EVH / EHBX08E(6V/9W)

Configure model		
Model name	ERGA08EVH / EHBX08E(6V/9W)	
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	7.50 kW	7.50 kW
El input	1.63 kW	2.78 kW
СОР	4.60	2.70

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	1.73 kW		
Cooling capacity	5.44		
EER	3.14		

EN 14825





	+7°C/+12°C
Pdesignc	5.40 kW
SEER	5.71
Pdc Tj = 35°C	5.44 kW
EER Tj = 35°C	3.14
Pdc Tj = 30°C	4.02 kW
EER Tj = 30°C	4.84
Cdc	1.0
Pdc Tj = 25°C	2.47 kW
EER Tj = 25°C	6.86
Cdc	1.0
Pdc Tj = 20°C	2.54 kW
EER Tj = 20°C	8.47
Cdc	1.0
Poff	10 W
РТО	10 W
PSB	10 W
PCK	o w
Annual energy consumption Qce	571 kWh



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	8.0 kW	8.0 kW
SCOP	4.61	3.35
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.0 kW	6.9 kW
COP Tj = -7°C	2.77	1.96
Cdh Tj = -7 °C	n/a	1.0
Pdh Tj = +2°C	4.2 kW	4.4 kW
COP Tj = +2°C	4.35	3.20
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	3.3 kW	3.3 kW
COP Tj = +7°C	6.49	4.64
Cdh Tj = +7 °C	1.0	1.0



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This information was generated by the HP KEYMARK database on 22 Jun 2022

Pdh Tj = 12°C	3.9 kW	4.1 kW
COP Tj = 12°C	8.52	6.22
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	7.5 kW	7.5 kW
COP Tj = Tbiv	2.66	1.90
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.9 kW	7.1 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.41	1.64
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.00	1.00
WTOL	35 °C	55 °C
Poff	10 W	10 W
РТО	10 W	10 W
PSB	10 W	10 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.1 kW	0.9 kW
Annual energy consumption Qhe	3588 kWh	4939 kWh



Model: ERGA08EVH / EHVH08S18E(6V/9W)

Configure model			
Model name ERGA08EVH / EHVH08S18E(6V/9W)			
Application Heating + DHW + low temp			
Units Indoor + Outdoor			
Climate Zone	n/a		
Reversibility	No		
Cooling mode application (optional)	n/a		

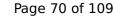
General Data		
Power supply	1x230V 50Hz	

Heating

EN 14511-2				
Low temperature Medium temperature				
Heat output	7.50 kW	7.50 kW		
El input	1.63 kW	2.78 kW		
СОР	4.60	2.70		

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

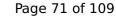
Cooling





EN 14511-2			
+7°C/+12°C			
El input	1.73 kW		
Cooling capacity	5.44		
EER	3.14		

EN 14825



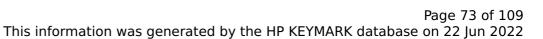


	+7°C/+12°C
Pdesignc	5.40 kW
SEER	5.71
Pdc Tj = 35°C	5.44 kW
EER Tj = 35°C	3.14
Pdc Tj = 30°C	4.02 kW
EER Tj = 30°C	4.84
Cdc	1.0
Pdc Tj = 25°C	2.47 kW
EER Tj = 25°C	6.86
Cdc	1.0
Pdc Tj = 20°C	2.54 kW
EER Tj = 20°C	8.47
Cdc	1.0
Poff	10 W
PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Qce	571 kWh



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)

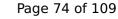
EN 14825		
	Low temperature	Medium temperature
η_{s}	179 %	130 %
Prated	8.0 kW	8.0 kW
SCOP	4.56	3.32
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.0 kW	6.9 kW
COP Tj = -7°C	2.77	1.96
Cdh Tj = -7 °C	n/a	1.0
Pdh Tj = +2°C	4.2 kW	4.4 kW
COP Tj = +2°C	4.35	3.20
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	3.3 kW	3.3 kW
COP Tj = +7°C	6.49	4.64
Cdh Tj = +7 °C	1.0	1.0





Pdh Tj = 12°C	3.9 kW	4.1 kW
COP Tj = 12°C	8.52	6.22
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	7.5 kW	7.5 kW
COP Tj = Tbiv	2.66	1.90
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.9 kW	7.1 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.41	1.64
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	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	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.1 kW	0.9 kW
Annual energy consumption Qhe	3625 kWh	4975 kWh

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	L	
Efficiency ηDHW	125 %	
СОР	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	



Model: ERGA08EVH / EHVH08SU18E6V

Configure model		
Model name	ERGA08EVH / EHVH08SU18E6V	
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	7.50 kW	7.50 kW
El input	1.63 kW	2.78 kW
СОР	4.60	2.70

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

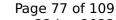




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EN 14511-2	
	+7°C/+12°C
El input	1.73 kW
Cooling capacity	5.44
EER	3.14

EN 14825



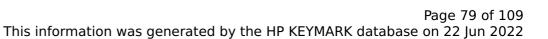


This information was generated by the HP KE	+7°C/+12°C
Pdesignc	5.40 kW
SEER	5.71
Pdc Tj = 35°C	5.44 kW
EER Tj = 35°C	3.14
Pdc Tj = 30°C	4.02 kW
EER Tj = 30°C	4.84
Cdc	1.0
Pdc Tj = 25°C	2.47 kW
EER Tj = 25°C	6.86
Cdc	1.0
Pdc Tj = 20°C	2.54 kW
EER Tj = 20°C	8.47
Cdc	1.0
Poff	10 W
РТО	10 W
PSB	10 W
PCK	o w
Annual energy consumption Qce	571 kWh



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)

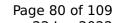
EN 14825		
	Low temperature	Medium temperature
η_{s}	179 %	130 %
Prated	8.0 kW	8.0 kW
SCOP	4.56	3.32
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.0 kW	6.9 kW
COP Tj = -7° C	2.77	1.96
Cdh Tj = -7 °C	n/a	1.0
Pdh Tj = $+2$ °C	4.2 kW	4.4 kW
$COP Tj = +2^{\circ}C$	4.35	3.20
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	3.3 kW	3.3 kW
COP Tj = +7°C	6.49	4.64
Cdh Tj = +7 °C	1.0	1.0





Pdh Tj = 12°C	3.9 kW	4.1 kW
COP Tj = 12°C	8.52	6.22
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	7.5 kW	7.5 kW
COP Tj = Tbiv	2.66	1.90
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.9 kW	7.1 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.41	1.64
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	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	Electricity	Electricity
Supplementary Heater: PSUP	1.1 kW	0.9 kW
Annual energy consumption Qhe	3625 kWh	4975 kWh

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	L	
Efficiency ηDHW	125 %	
СОР	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	



Model: ERGA08EVH / EHVX08S18E(6V/9W)

Configure model		
Model name	ERGA08EVH / EHVX08S18E(6V/9W)	
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	7.50 kW	7.50 kW
El input	1.63 kW	2.78 kW
СОР	4.60	2.70

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

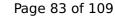
Cooling





EN 14511-2			
+7°C/+12°C			
El input	1.73 kW		
Cooling capacity	5.44		
EER	3.14		

EN 14825



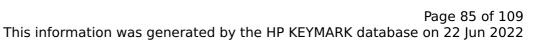


	+7°C/+12°C
Pdesignc	5.40 kW
SEER	5.71
Pdc Tj = 35°C	5.44 kW
EER Tj = 35°C	3.14
Pdc Tj = 30°C	4.02 kW
EER Tj = 30°C	4.84
Cdc	1.0
Pdc Tj = 25°C	2.47 kW
EER Tj = 25°C	6.86
Cdc	1.0
Pdc Tj = 20°C	2.54 kW
EER Tj = 20°C	8.47
Cdc	1.0
Poff	10 W
РТО	10 W
PSB	10 W
PCK	o w
Annual energy consumption Qce	571 kWh



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	8.0 kW	8.0 kW
SCOP	4.61	3.35
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.0 kW	6.9 kW
COP Tj = -7°C	2.77	1.96
Cdh Tj = -7 °C	n/a	1.0
Pdh Tj = +2°C	4.2 kW	4.4 kW
COP Tj = +2°C	4.35	3.20
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	3.3 kW	3.3 kW
COP Tj = +7°C	6.49	4.64
Cdh Tj = +7 °C	1.0	1.0



Pdh Tj = 12°C	3.9 kW	4.1 kW
COP Tj = 12°C	8.52	6.22
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	7.5 kW	7.5 kW
COP Tj = Tbiv	2.66	1.90
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.9 kW	7.1 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.41	1.64
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	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	Electricity	Electricity
Supplementary Heater: PSUP	1.1 kW	0.9 kW
Annual energy consumption Qhe	3588 kWh	4939 kWh

Domestic Hot Water (DHW)

CEN heat pump KEYMARK





EN 16147		
Declared load profile	L	
Efficiency ηDHW	125 %	
СОР	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	



Model: ERGA08EVH / EHVZ08S18E(6V/9W)

Configure model		
Model name ERGA08EVH / EHVZ08S18E(6V/9W)		
Application Heating + DHW + low temp		
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

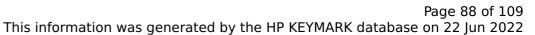
General Data		
Power supply	1x230V 50Hz	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	7.50 kW	7.50 kW
El input	1.63 kW	2.78 kW
СОР	4.60	2.70

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

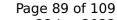
Cooling





EN 14511-2			
+7°C/+12°C			
El input	1.73 kW		
Cooling capacity	5.44		
EER	3.14		

EN 14825





	+7°C/+12°C
Pdesignc	5.40 kW
SEER	5.71
Pdc Tj = 35°C	5.44 kW
EER Tj = 35°C	3.14
Pdc Tj = 30°C	4.02 kW
EER Tj = 30°C	4.84
Cdc	1.0
Pdc Tj = 25°C	2.47 kW
EER Tj = 25°C	6.86
Cdc	1.0
Pdc Tj = 20°C	2.54 kW
EER Tj = 20°C	8.47
Cdc	1.0
Poff	10 W
PTO	10 W
PSB	10 W
PCK	o w
Annual energy consumption Qce	571 kWh



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	8.0 kW	8.0 kW	
SCOP	4.56	3.32	
Tbiv	-8 °C	-8 °C	
TOL	-10 °C	-10 °C	
Pdh Tj = -7°C	7.0 kW	6.9 kW	
COP Tj = -7°C	2.77	1.96	
Cdh Tj = -7 °C	n/a	1.0	
Pdh Tj = +2°C	4.2 kW	4.4 kW	
COP Tj = +2°C	4.35	3.20	
Cdh Tj = +2 °C	1.0	1.0	
Pdh Tj = +7°C	3.3 kW	3.3 kW	
COP Tj = +7°C	6.49	4.64	
Cdh Tj = +7 °C	1.0	1.0	

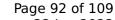


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This information was generated by the HP KEYMARK database on 22 Jun 2022

Pdh Tj = 12°C	3.9 kW	4.1 kW
COP Tj = 12°C	8.52	6.22
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	7.5 kW	7.5 kW
COP Tj = Tbiv	2.66	1.90
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.9 kW	7.1 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.41	1.64
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.00	1.00
WTOL	35 °C	55 °C
Poff	10 W	10 W
РТО	10 W	10 W
PSB	10 W	10 W
PCK	0 W	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.1 kW	0.9 kW
Annual energy consumption Qhe	3625 kWh	4975 kWh

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	L	
Efficiency ηDHW	125 %	
СОР	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	



Model: ERGA08EVH / EHBH08E(6V/9W) + cooling kit

Configure model		
Model name ERGA08EVH / EHBH08E(6V/9W) + cooling kit		
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	7.50 kW	7.50 kW
El input	1.63 kW	2.78 kW
СОР	4.60	2.70

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

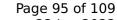
Cooling





EN 14511-2			
+7°C/+12°C			
El input	1.73 kW		
Cooling capacity	5.44		
EER	3.14		

EN 14825





	+7°C/+12°C
Pdesignc	5.40 kW
SEER	5.71
Pdc Tj = 35°C	5.44 kW
EER Tj = 35°C	3.14
Pdc Tj = 30°C	4.02 kW
EER Tj = 30°C	4.84
Cdc	1.0
Pdc Tj = 25°C	2.47 kW
EER Tj = 25°C	6.86
Cdc	1.0
Pdc Tj = 20°C	2.54 kW
EER Tj = 20°C	8.47
Cdc	1.0
Poff	10 W
PTO	10 W
PSB	10 W
PCK	o w
Annual energy consumption Qce	571 kWh



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 tempera				
η_{s}	181 %	131 %		
Prated	8.0 kW	8.0 kW		
SCOP	4.61	3.35		
Tbiv	-8 °C	-8 °C		
TOL	-10 °C	-10 °C		
Pdh Tj = -7°C	7.0 kW	6.9 kW		
COP Tj = -7°C	2.77	1.96		
Cdh Tj = -7 °C	n/a	1.0		
Pdh Tj = +2°C	4.2 kW	4.4 kW		
COP Tj = +2°C	4.35	3.20		
Cdh Tj = +2 °C	1.0	1.0		
Pdh Tj = +7°C	3.3 kW	3.3 kW		
COP Tj = +7°C	6.49	4.64		
Cdh Tj = +7 °C	1.0	1.0		



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This information was generated by the HP KEYMARK database on 22 Jun 2022

Pdh Tj = 12°C	3.9 kW	4.1 kW
COP Tj = 12°C	8.52	6.22
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	7.5 kW	7.5 kW
COP Tj = Tbiv	2.66	1.90
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.9 kW	7.1 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.41	1.64
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.00	1.00
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	1.1 kW	0.9 kW
Annual energy consumption Qhe	3588 kWh	4939 kWh



Model: ERGA08EVH / EHVH08S18E(6V/9W) + cooling kit

Configure model		
Model name ERGA08EVH / EHVH08S18E(6V/9W) + cooling kit		
Application Heating + DHW + low temp		
Units Indoor + Outdoor		
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

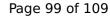
General Data		
Power supply	1x230V 50Hz	

Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	7.50 kW	7.50 kW	
El input	1.63 kW	2.78 kW	
СОР	4.60	2.70	

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

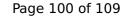
Cooling





EN 14511-2			
+7°C/+12°C			
El input	1.73 kW		
Cooling capacity	5.44		
EER	3.14		

EN 14825



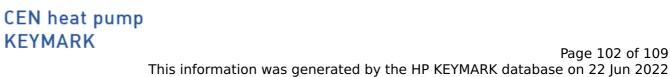


	+7°C/+12°C
Pdesignc	5.40 kW
SEER	5.71
Pdc Tj = 35°C	5.44 kW
EER Tj = 35°C	3.14
Pdc Tj = 30°C	4.02 kW
EER Tj = 30°C	4.84
Cdc	1.0
Pdc Tj = 25°C	2.47 kW
EER Tj = 25°C	6.86
Cdc	1.0
Pdc Tj = 20°C	2.54 kW
EER Tj = 20°C	8.47
Cdc	1.0
Poff	10 W
РТО	10 W
PSB	10 W
PCK	o w
Annual energy consumption Qce	571 kWh



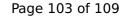
EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	181 %	131 %
Prated	8.0 kW	8.0 kW
SCOP	4.61	3.35
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.0 kW	6.9 kW
COP Tj = -7°C	2.77	1.96
Cdh Tj = -7 °C	n/a	1.0
Pdh Tj = +2°C	4.2 kW	4.4 kW
COP Tj = +2°C	4.35	3.20
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	3.3 kW	3.3 kW
COP Tj = +7°C	6.49	4.64
Cdh Tj = +7 °C	1.0	1.0



Pdh Tj = 12°C	3.9 kW	4.1 kW
COP Tj = 12°C	8.52	6.22
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	7.5 kW	7.5 kW
COP Tj = Tbiv	2.66	1.90
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.9 kW	7.1 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.41	1.64
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	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	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.1 kW	0.9 kW
Annual energy consumption Qhe	3588 kWh	4939 kWh

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	L	
Efficiency ηDHW	125 %	
СОР	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	



Model: ERGA08EVH / EHVZ08S18E(6V/9W) + cooling kit

Configure model		
Model name	ERGA08EVH / EHVZ08S18E(6V/9W) + cooling kit	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

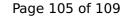
General Data		
Power supply 1x230V 50Hz		

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	7.50 kW	7.50 kW
El input	1.63 kW	2.78 kW
СОР	4.60	2.70

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	1.73 kW
Cooling capacity	5.44
EER	3.14

EN 14825





	+7°C/+12°C
Pdesignc	5.40 kW
SEER	5.71
Pdc Tj = 35°C	5.44 kW
EER Tj = 35°C	3.14
Pdc Tj = 30°C	4.02 kW
EER Tj = 30°C	4.84
Cdc	1.0
Pdc Tj = 25°C	2.47 kW
EER Tj = 25°C	6.86
Cdc	1.0
Pdc Tj = 20°C	2.54 kW
EER Tj = 20°C	8.47
Cdc	1.0
Poff	10 W
РТО	10 W
PSB	10 W
PCK	o w
Annual energy consumption Qce	571 kWh



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	8.0 kW	8.0 kW
SCOP	4.61	3.35
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7° C	7.0 kW	6.9 kW
$COP Tj = -7^{\circ}C$	2.77	1.96
Cdh Tj = -7 °C	n/a	1.0
Pdh Tj = $+2$ °C	4.2 kW	4.4 kW
$COPTj = +2^{\circ}C$	4.35	3.20
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = $+7$ °C	3.3 kW	3.3 kW
$COPTj = +7^{\circ}C$	6.49	4.64
Cdh Tj = +7 °C	1.0	1.0



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This information was generated by the HP KEYMARK database on 22 Jun 2022

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Supplementary Heater: Type of energy input	Electricity	Electricity
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