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Summary of	DAIKIN ALTHERMA 3 R F 11KW (230L)	Reg. No.	011-1W0495	
Certificate Holder				
Name	DAIKIN Europe N.V.	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 11KW (230L)			
Heat Pump Type	Outdoor Air/Water			
Refrigerant	R32			
Mass of Refrigerant	3.8 kg			
Certification Date	10.11.2021			
Testing basis	HP KEYMARK certification scheme rules rev. 8			



Model: ERLA11DV3 / EBVH11S23D(6V/9W)

Configure model			
Model name	ERLA11DV3 / EBVH11S23D(6V/9W)		
Application	Heating + DHW + low temp		
Units	Indoor + Outdoor		
Climate Zone	Warmer Climate		
Reversibility No			
Cooling mode application (optional) n/a			

General Data		
Power supply	1x230V 50Hz	

Heating

EN 14511-2				
Low temperature Medium temperature				
Heat output	10.56 kW	10.64 kW		
El input	2.19 kW	3.62 kW		
СОР	4.83	2.94		

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	3.47 kW	

EN 14825		
	+7°C/+12°C	
Poff	23 W	
РТО	23 W	
PSB	23 W	
PCK	o w	

Average Climate

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44.0 dB(A)	44.0 dB(A)
Sound power level outdoor	62.0 dB(A)	62.0 dB(A)

EN 14825		
	Low temperat	ure Medium temperature
η_{S}	182 %	126 %
Prated	10 kW	10 kW





SCOP	4.63	3.23
	7.03	5.25
Tbiv	-8 °C	-5 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.2 kW	7.9 kW
COP Tj = -7°C	3.03	1.89
Cdh Tj = -7 °C	1.0	1.0
Pdh Tj = +2°C	5.5 kW	5.4 kW
COP Tj = +2°C	4.37	3.25
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	4.6 kW	4.4 kW
$COP Tj = +7^{\circ}C$	6.74	4.81
Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	5.4 kW	5.3 kW
COP Tj = 12°C	8.54	6.41
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	9.2 kW	8.2 kW
COP Tj = Tbiv	3.01	1.96
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.4 kW	6.8 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.73	1.68
WTOL	35 °C	55 °C
Poff	23 W	23 W





РТО	23 W	23 W
PSB	23 W	23 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.6 kW	3.2 kW
Annual energy consumption Qhe	4462 kWh	6397 kWh

EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	44.0 dB(A)	44.0 dB(A)	
Sound power level outdoor	62 dB(A)	62 dB(A)	

EN 14825		
	Low temperature	Medium temperature
η_{s}	237 %	161 %
Prated	10.00 kW	10.00 kW
SCOP	6.00	4.10
Tbiv	3 °C	4 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	9.80 kW	9.00 kW





COP Tj = +2°C	3.64	2.24
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = $+7^{\circ}$ C	6.70 kW	6.20 kW
$COP Tj = +7^{\circ}C$	5.70	3.74
Cdh Tj = $+7$ °C	1.000	1.000
Pdh Tj = 12°C	5.20 kW	5.00 kW
COP Tj = 12°C	7.87	5.68
Cdh Tj = +12 °C	1.000	1.000
Pdh Tj = Tbiv	9.20 kW	8.50 kW
COP Tj = Tbiv	3.81	2.41
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	9.76 kW	8.99 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.64	2.24
WTOL	35 °C	55 °C
Poff	23 W	23 W
РТО	23 W	23 W
PSB	23 W	23 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.24 kW	1.01 kW
Annual energy consumption Qhe	2228 kWh	3258 kWh

Domestic Hot Water (DHW)



Average Climate

EN 16147		
	N/A	
Declared load profile	XL	
Efficiency ηDHW	109 %	
СОР	2.63	
Heating up time	1:11 h:min	
Standby power input	43.2 W	
Reference hot water temperature	51.5 °C	
Mixed water at 40°C	295.0 I	

EN 16147		
Declared load profile	XL	
Efficiency ηDHW	124 %	
СОР	3.00	
Heating up time	1:10 h:min	
Standby power input	37.6 W	
Reference hot water temperature	51.5 °C	
Mixed water at 40°C	295.0	



Model: ERLA11DV3 / EBVH16SU23D6V

Configure model		
Model name ERLA11DV3 / EBVH16SU23D6V		
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	Warmer Climate	
Reversibility	No	
Cooling mode application (optional)	n/a	

General Data		
Power supply	1x230V 50Hz	

Heating

EN 14511-2			
	Low temperature	Medium temperature	
Heat output	10.56 kW	10.64 kW	
El input	2.19 kW	3.62 kW	
COP 4.83 2.94			

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	3.47 kW

EN 14825		
	+7°C/+12°C	
Poff	23 W	
РТО	23 W	
PSB	23 W	
PCK	0 W	

Average Climate

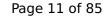
EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44.0 dB(A)	44.0 dB(A)
Sound power level outdoor	62.0 dB(A)	62.0 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{S}	182 %	131 %
Prated	10 kW	10 kW
Truccu	10 KW	10 100





SCOP	4.61	3.23
Tbiv	-8 °C	-5 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.2 kW	7.9 kW
COP Tj = -7°C	3.03	1.89
Cdh Tj = -7 °C	1.0	1.0
Pdh Tj = +2°C	5.5 kW	5.4 kW
COP Tj = +2°C	4.35	3.25
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	4.6 kW	4.4 kW
$COP Tj = +7^{\circ}C$	6.69	4.79
Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	5.4 kW	5.3 kW
COP Tj = 12°C	8.47	6.38
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	9.2 kW	8.2 kW
COP Tj = Tbiv	3.01	1.96
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.4 kW	6.9 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.72	1.68
WTOL	35 °C	55 °C
Poff	23 W	23 W
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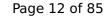




РТО	23 W	23 W
PSB	23 W	23 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.6 kW	3.2 kW
Annual energy consumption Qhe	4479 kWh	6405 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44.0 dB(A)	44.0 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	237 %	161 %
Prated	10.00 kW	10.00 kW
SCOP	6.00	4.09
Tbiv	3 °C	4 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	9.20 kW	9.00 kW





COP Tj = +2°C	3.80	2.23
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = $+7^{\circ}$ C	6.70 kW	6.20 kW
$COP Tj = +7^{\circ}C$	5.70	3.74
Cdh Tj = +7 °C	1.000	1.000
Pdh Tj = 12°C	5.20 kW	5.00 kW
COP Tj = 12°C	7.87	5.67
Cdh Tj = +12 °C	1.000	1.000
Pdh Tj = Tbiv	9.20 kW	8.50 kW
COP Tj = Tbiv	3.80	2.40
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	9.76 kW	8.99 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.64	2.24
WTOL	35 °C	55 °C
Poff	23 W	23 W
PTO	23 W	23 W
PSB	23 W	23 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.24 kW	1.01 kW
Annual energy consumption Qhe	2228 kWh	3262 kWh

Domestic Hot Water (DHW)



Average Climate

EN 16147	
	N/A
Declared load profile	XL
Efficiency ηDHW	109 %
СОР	2.63
Heating up time	1:11 h:min
Standby power input	43.2 W
Reference hot water temperature	51.5 °C
Mixed water at 40°C	295.0 I

EN 16147	
Declared load profile	XL
Efficiency ηDHW	124 %
СОР	3.00
Heating up time	1:10 h:min
Standby power input	37.6 W
Reference hot water temperature	51.5 °C
Mixed water at 40°C	295.0



Model: ERLA11DV3 / EBVX11S23D(6V/9W)

Configure model		
Model name	ERLA11DV3 / EBVX11S23D(6V/9W)	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone Warmer Climate		
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

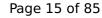
General Data		
Power supply 1x230V 50Hz		

Heating

EN 14511-2		
Low temperature Medium temperature		
Heat output	10.56 kW	10.64 kW
El input	2.19 kW	3.62 kW
СОР	4.83	2.94

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

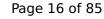
Cooling





EN 14511-2		
+7°C/+12°C		
El input	3.47 kW	
Cooling capacity	11.18	
EER	3.22	

EN 14825





This information was generated by the Fill RE	+7°C/+12°C
Pdesignc	11.00 kW
SEER	5.92
Pdc Tj = 35°C	11.00 kW
EER Tj = 35°C	3.19
Pdc Tj = 30°C	8.10 kW
EER Tj = 30°C	4.94
Cdc	0.990
Pdc Tj = 25°C	5.70 kW
EER Tj = 25°C	7.18
Cdc	0.970
Pdc Tj = 20°C	5.90 kW
EER Tj = 20°C	8.47
Cdc	0.970
Poff	23 W
РТО	23 W
PSB	23 W
PCK	0 W
Annual energy consumption Qce	1116 kWh

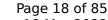
Average Climate



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44.0 dB(A)	44.0 dB(A)
Sound power level outdoor	62.0 dB(A)	62.0 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	186 %	128 %
Prated	10 kW	10 kW
SCOP	4.72	3.27
Tbiv	-8 °C	-5 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.2 kW	7.9 kW
COP Tj = -7°C	3.03	1.89
Cdh Tj = -7 °C	1.0	1.0
Pdh Tj = +2°C	5.5 kW	5.4 kW
COP Tj = +2°C	4.37	3.25
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	4.6 kW	4.4 kW
COP Tj = +7°C	6.74	4.81
Cdh Tj = +7 °C	1.0	1.0

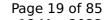
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Pdh Tj = 12°C	5.4 kW	5.3 kW
COP Tj = 12°C	8.54	6.41
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	9.2 kW	8.2 kW
COP Tj = Tbiv	3.01	1.96
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.4 kW	6.8 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.73	1.68
WTOL	35 °C	55 °C
Poff	23 W	23 W
РТО	23 W	23 W
PSB	23 W	23 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.6 kW	3.2 kW
Annual energy consumption Qhe	4378 kWh	6312 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44.0 dB(A)	44.0 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)





EN 14825

	Low temperature	Medium temperature
η_{s}	248 %	166 %
Prated	10.00 kW	10.00 kW
SCOP	6.28	4.23
Tbiv	3 °C	4 °C
TOL	2 °C	2 °C
Pdh Tj = $+2$ °C	9.80 kW	9.00 kW
COP Tj = +2°C	3.64	2.24
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = +7°C	6.70 kW	6.20 kW
$COPTj = +7^{\circ}C$	5.70	3.74
Cdh Tj = +7 °C	1.000	1.000
Pdh Tj = 12°C	5.20 kW	5.00 kW
COP Tj = 12°C	7.87	5.68
Cdh Tj = +12 °C	1.000	1.000
Pdh Tj = Tbiv	9.20 kW	8.50 kW
COP Tj = Tbiv	3.81	2.41
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL $<$ Tdesignh	9.76 kW	8.99 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.64	2.24
WTOL	35 °C	55 °C

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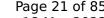


Poff	23 W	23 W
PTO	23 W	23 W
PSB	23 W	23 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.24 kW	1.01 kW
Annual energy consumption Qhe	2126 kWh	3157 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147		
Declared load profile	XL	
Efficiency ηDHW	109 %	
СОР	2.63	
Heating up time	1:11 h:min	
Standby power input	43.2 W	
Reference hot water temperature	51.5 °C	
Mixed water at 40°C	295.0	





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EN 16147		
Declared load profile	XL	
Efficiency ηDHW	124 %	
СОР	3.00	
Heating up time	1:10 h:min	
Standby power input	37.6 W	
Reference hot water temperature	51.5 °C	
Mixed water at 40°C	295.0 l	



Model: ERLA11DV3 / EBVZ16S23D(6V/9W)

Configure model		
Model name	ERLA11DV3 / EBVZ16S23D(6V/9W)	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	Warmer Climate	
Reversibility	No	
Cooling mode application (optional)	n/a	

General Data		
Power supply 1x230V 50Hz		

Heating

EN 14511-2		
Low temperature Medium temperature		
Heat output	10.56 kW	10.64 kW
El input	2.19 kW	3.62 kW
СОР	4.83	2.94

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	3.47 kW	

EN 14825		
	+7°C/+12°C	
Poff	23 W	
РТО	23 W	
PSB	23 W	
PCK	o w	

Average Climate

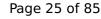
EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44.0 dB(A)	44.0 dB(A)
Sound power level outdoor	62.0 dB(A)	62.0 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{S}	182 %	131 %
Prated	10 kW	10 kW
	·	·





SCOP	4.61	3.23
Tbiv	-8 °C	-5 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.2 kW	7.9 kW
COP Tj = -7°C	3.03	1.89
Cdh Tj = -7 °C	1.0	1.0
Pdh Tj = +2°C	5.5 kW	5.4 kW
COP Tj = +2°C	4.35	3.25
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	4.6 kW	4.4 kW
$COP Tj = +7^{\circ}C$	6.69	4.79
Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	5.4 kW	5.3 kW
COP Tj = 12°C	8.47	6.38
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	9.2 kW	8.2 kW
COP Tj = Tbiv	3.01	1.96
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.4 kW	6.9 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.72	1.68
WTOL	35 °C	55 °C
Poff	23 W	23 W
	!	

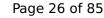




РТО	23 W	23 W
PSB	23 W	23 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.6 kW	3.2 kW
Annual energy consumption Qhe	4479 kWh	6405 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44.0 dB(A)	44.0 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825		
	Low temperature	Medium temperature
η _s	237 %	161 %
Prated	10 kW	10.00 kW
SCOP	6.00	4.09
Tbiv	3 °C	4 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	9.20 kW	9.00 kW





COP Tj = +2°C	3.80	2.23
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = $+7^{\circ}$ C	6.70 kW	6.20 kW
$COP Tj = +7^{\circ}C$	5.70	3.74
Cdh Tj = +7 °C	1.000	1.000
Pdh Tj = 12°C	5.20 kW	5.00 kW
COP Tj = 12°C	7.87	5.67
Cdh Tj = +12 °C	1.000	1.000
Pdh Tj = Tbiv	9.20 kW	8.50 kW
COP Tj = Tbiv	3.80	2.40
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	9.76 kW	8.99 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.64	2.24
WTOL	35 °C	55 °C
Poff	23 W	23 W
PTO	23 W	23 W
PSB	23 W	23 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.24 kW	1.01 kW
Annual energy consumption Qhe	2228 kWh	3262 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147		
Declared load profile	XL	
Efficiency ηDHW	109 %	
СОР	2.63	
Heating up time	1:11 h:min	
Standby power input	43.2 W	
Reference hot water temperature	51.5 °C	
Mixed water at 40°C	295.0	

EN 16147		
Declared load profile	XL	
Efficiency ηDHW	124 %	
СОР	3.00	
Heating up time	1:10 h:min	
Standby power input	37.6 W	
Reference hot water temperature	51.5 °C	
Mixed water at 40°C	295.0 l	



Model: ERLA11DW1 / EBVH11S23D(6V/9W)

Configure model		
Model name ERLA11DW1 / EBVH11S23D(6V/9W)		
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	Warmer Climate	
Reversibility	No	
Cooling mode application (optional)	n/a	

General Data		
Power supply	3x400V 50Hz	

Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	10.56 kW	10.64 kW	
El input	2.19 kW	3.62 kW	
СОР	4.83	2.94	

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	3.47 kW

EN 14825	
	+7°C/+12°C
Poff	23 W
РТО	23 W
PSB	23 W
PCK	o w

Average Climate

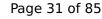
EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44.0 dB(A)	44.0 dB(A)
Sound power level outdoor	62.0 dB(A)	62.0 dB(A)

EN 14825		
	Low temperat	ure Medium temperature
η_{S}	182 %	126 %
Prated	10 kW	10 kW





SCOP	4.63	3.23
	7.03	5.25
Tbiv	-8 °C	-5 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.2 kW	7.9 kW
COP Tj = -7°C	3.03	1.89
Cdh Tj = -7 °C	1.0	1.0
Pdh Tj = +2°C	5.5 kW	5.4 kW
COP Tj = +2°C	4.37	3.25
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	4.6 kW	4.4 kW
$COP Tj = +7^{\circ}C$	6.74	4.81
Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	5.4 kW	5.3 kW
COP Tj = 12°C	8.54	6.41
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	9.2 kW	8.2 kW
COP Tj = Tbiv	3.01	1.96
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.4 kW	6.8 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.73	1.68
WTOL	35 °C	55 °C
Poff	23 W	23 W

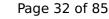




РТО	23 W	23 W
PSB	23 W	23 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.6 kW	3.2 kW
Annual energy consumption Qhe	4462 kWh	6397 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44.0 dB(A)	44.0 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	236 %	161 %
Prated	10 kW	10 kW
SCOP	6.00	4.10
Tbiv	3 °C	4 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	9.8 kW	9.0 kW





COP Tj = +2°C	3.64	2.24
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = $+7^{\circ}$ C	6.7 kW	6.2 kW
$COP Tj = +7^{\circ}C$	5.70	3.74
Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	5.2 kW	5.0 kW
COP Tj = 12°C	7.87	5.68
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	9.2 kW	8.5 kW
COP Tj = Tbiv	3.81	2.41
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	9.76 kW	8.99 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.64	2.24
WTOL	35 °C	55 °C
Poff	23 W	23 W
PTO	23 W	23 W
PSB	23 W	23 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.80 kW	1.50 kW
Annual energy consumption Qhe	2228 kWh	3258 kWh

Domestic Hot Water (DHW)



Average Climate

EN 16147		
Declared load profile	XL	
Efficiency ηDHW	109 %	
СОР	2.63	
Heating up time	1:11 h:min	
Standby power input	43.2 W	
Reference hot water temperature	51.5 °C	
Mixed water at 40°C	295.0 l	

EN 16147		
Declared load profile	XL	
Efficiency ηDHW	124 %	
СОР	3.00	
Heating up time	1:10 h:min	
Standby power input	37.6 W	
Reference hot water temperature	51.5 °C	
Mixed water at 40°C	295.0 l	



Model: ERLA11DW1 / EBVH16SU23D6V

Configure model		
Model name	ERLA11DW1 / EBVH16SU23D6V	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	Warmer Climate	
Reversibility	No	
Cooling mode application (optional)	n/a	

General Data		
Power supply	3x400V 50Hz	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	10.56 kW	10.64 kW
El input	2.19 kW	3.62 kW
СОР	4.83	2.94

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



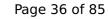
EN 14511-2		
	+7°C/+12°C	
El input	3.47 kW	

EN 14825		
	+7°C/+12°C	
Poff	23 W	
РТО	23 W	
PSB	23 W	
PCK	o w	

Average Climate

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44.0 dB(A)	44.0 dB(A)
Sound power level outdoor	62.0 dB(A)	62.0 dB(A)

Law tamparatura	
Low temperature	Medium temperature
182 %	131 %
10 kW	10 kW





SCOP	4.61	3.23
Tbiv	-8 °C	-5 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.2 kW	7.9 kW
COP Tj = -7°C	3.03	1.89
Cdh Tj = -7 °C	1.0	1.0
Pdh Tj = +2°C	5.5 kW	5.4 kW
COP Tj = +2°C	4.35	3.25
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	4.6 kW	4.4 kW
$COP Tj = +7^{\circ}C$	6.69	4.79
Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	5.4 kW	5.3 kW
COP Tj = 12°C	8.47	6.38
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	9.2 kW	8.2 kW
COP Tj = Tbiv	3.01	1.96
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.4 kW	6.9 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.72	1.68
WTOL	35 °C	55 °C
Poff	23 W	23 W
	!	



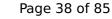


This information was generat	ed by the HP KEYMAR	K database on 18 Mar 2022

РТО	23 W	23 W
PSB	23 W	23 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.6 kW	3.2 kW
Annual energy consumption Qhe	4479 kWh	6405 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44.0 dB(A)	44.0 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825		
	Low temperature	Medium temperature
η _s	237 %	161 %
Prated	10 kW	10 kW
SCOP	6.00	4.09
Tbiv	3 °C	4 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	9.2 kW	9.0 kW





COP Tj = +2°C	3.80	2.23
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = $+7^{\circ}$ C	6.7 kW	6.2 kW
$COP Tj = +7^{\circ}C$	5.70	3.74
Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	5.2 kW	5.0 kW
COP Tj = 12°C	7.87	5.67
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	9.2 kW	8.5 kW
COP Tj = Tbiv	3.80	2.40
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	9.76 kW	8.99 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.64	2.24
WTOL	35 °C	55 °C
Poff	23 W	23 W
PTO	23 W	23 W
PSB	23 W	23 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.80 kW	1.50 kW
Annual energy consumption Qhe	2228 kWh	3262 kWh

Domestic Hot Water (DHW)



Average Climate

EN 16147		
Declared load profile	XL	
Efficiency ηDHW	109 %	
СОР	2.63	
Heating up time	1:11 h:min	
Standby power input	43.2 W	
Reference hot water temperature	51.5 °C	
Mixed water at 40°C	295.0	

EN 16147	
Declared load profile	XL
Efficiency ηDHW	124 %
СОР	3.00
Heating up time	1:10 h:min
Standby power input	37.6 W
Reference hot water temperature	51.5 °C
Mixed water at 40°C	295.0 l



Model: ERLA11DW1 / EBVX11S23D(6V/9W)

Configure model		
Model name ERLA11DW1 / EBVX11S23D(6V/9W)		
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	Warmer Climate	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

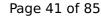
General Data		
Power supply 3x400V 50Hz		

Heating

EN 14511-2		
Low temperature Medium temperature		
Heat output	10.56 kW	10.64 kW
El input	2.19 kW	3.62 kW
СОР	4.83	2.94

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	3.47 kW
Cooling capacity	11.18
EER	3.22

EN 14825





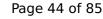
This information was generated by the Fill RE	+7°C/+12°C
Pdesignc	11.00 kW
SEER	5.92
Pdc Tj = 35°C	11.00 kW
EER Tj = 35°C	3.19
Pdc Tj = 30°C	8.10 kW
EER Tj = 30°C	4.94
Cdc	0.990
Pdc Tj = 25°C	5.70 kW
EER Tj = 25°C	7.18
Cdc	0.970
Pdc Tj = 20°C	5.90 kW
EER Tj = 20°C	8.47
Cdc	0.970
Poff	23 W
РТО	23 W
PSB	23 W
PCK	0 W
Annual energy consumption Qce	1116 kWh

Average Climate



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44.0 dB(A)	44.0 dB(A)
Sound power level outdoor	62.0 dB(A)	62.0 dB(A)

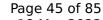
EN 14825		
	Low temperature	Medium temperature
η_{s}	186 %	128 %
Prated	10 kW	10 kW
SCOP	4.72	3.27
Tbiv	-8 °C	-5 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.2 kW	7.9 kW
COP Tj = -7°C	3.03	1.89
Cdh Tj = -7 °C	1.0	1.0
Pdh Tj = +2°C	5.5 kW	5.4 kW
COP Tj = +2°C	4.37	3.25
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	4.6 kW	4.4 kW
COP Tj = +7°C	6.74	4.81
Cdh Tj = +7 °C	1.0	1.0





Pdh Tj = 12°C	5.4 kW	5.3 kW
COP Tj = 12°C	8.54	6.41
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	9.2 kW	8.2 kW
COP Tj = Tbiv	3.01	1.96
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.4 kW	6.8 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.73	1.68
WTOL	35 °C	55 °C
Poff	23 W	23 W
РТО	23 W	23 W
PSB	23 W	23 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.6 kW	3.2 kW
Annual energy consumption Qhe	4378 kWh	6312 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44.0 dB(A)	44.0 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)





EN 14825

	Low temperature	Medium temperature
η_{s}	248 %	166 %
Prated	10.00 kW	10.00 kW
SCOP	6.28	4.23
Tbiv	3 °C	4 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	9.80 kW	9.00 kW
COP Tj = +2°C	3.64	2.24
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = $+7^{\circ}$ C	6.70 kW	6.20 kW
$COPTj = +7^{\circ}C$	5.70	3.74
Cdh Tj = +7 °C	1.000	1.000
Pdh Tj = 12°C	5.20 kW	5.00 kW
COP Tj = 12°C	7.87	5.68
Cdh Tj = +12 °C	1.000	1.000
Pdh Tj = Tbiv	9.20 kW	8.50 kW
COP Tj = Tbiv	3.81	2.41
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	9.76 kW	8.99 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.64	2.24
WTOL	35 °C	55 °C



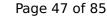


Poff	23 W	23 W
PTO	23 W	23 W
PSB	23 W	23 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.24 kW	1.01 kW
Annual energy consumption Qhe	2126 kWh	3157 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147		
Declared load profile	XL	
Efficiency ηDHW	109 %	
СОР	2.63	
Heating up time	1:11 h:min	
Standby power input	43.2 W	
Reference hot water temperature	51.5 °C	
Mixed water at 40°C	295.0	





EN 16147		
Declared load profile	XL	
Efficiency ηDHW	124 %	
СОР	3.00	
Heating up time	1:10 h:min	
Standby power input	37.6 W	
Reference hot water temperature	51.5 °C	
Mixed water at 40°C	295.0 l	

Model: ERLA11DW1 / EBVZ16S23D(6V/9W)

Configure model		
Model name	ERLA11DW1 / EBVZ16S23D(6V/9W)	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	Warmer Climate	
Reversibility	No	
Cooling mode application (optional)	n/a	

General Data		
Power supply 3x400V 50Hz		

Heating

EN 14511-2		
Low temperature Medium temperature		
Heat output	10.56 kW	10.64 kW
El input	2.19 kW	3.62 kW
СОР	4.83	2.94

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	3.47 kW	

EN 14825		
	+7°C/+12°C	
Poff	23 W	
РТО	23 W	
PSB	23 W	
PCK	0 W	

Average Climate

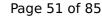
EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44.0 dB(A)	44.0 dB(A)
Sound power level outdoor	62.0 dB(A)	62.0 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{S}	182 %	131 %
Prated	10 kW	10 kW
	·	<u> </u>





TOL -10 °C -10 °	SCOP	4.61	3.23
Pdh Tj = -7°C 9.2 kW 7.9 kW COP Tj = -7°C 3.03 1.89 Cdh Tj = -7 °C 1.0 1.0 Pdh Tj = +2°C 5.5 kW 5.4 kW COP Tj = +2°C 4.35 3.25 Cdh Tj = +2 °C 1.0 1.0 Pdh Tj = +7°C 4.6 kW 4.4 kW COP Tj = +7°C 6.69 4.79 Cdh Tj = +7 °C 1.0 1.0 Pdh Tj = 12°C 5.4 kW 5.3 kW COP Tj = 12°C 8.47 6.38 Cdh Tj = +12 °C 1.0 1.0 Pdh Tj = Tbiv 9.2 kW 8.2 kW COP Tj = Tbiv Pdh Tj = ToL or Pdh Tj = Tdesignh if TOL < Tdesignh 8.4 kW 6.9 kW COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh WTOL 35 °C 55 °C	Tbiv	-8 °C	-5 °C
COP Tj = -7°C 3.03 1.89 Cdh Tj = -7 °C 1.0 1.0 1.0 Pdh Tj = +2°C 5.5 kW 5.4 kW COP Tj = +2°C 4.35 3.25 Cdh Tj = +7°C 1.0 1.0 Pdh Tj = +7°C 4.6 kW 4.4 kW COP Tj = +7°C 6.69 4.79 Cdh Tj = +7°C 1.0 1.0 Pdh Tj = 12°C 5.4 kW 5.3 kW COP Tj = 12°C 8.47 6.38 Cdh Tj = +12 °C 1.0 1.0 Pdh Tj = ToL or Pdh Tj = Tdesignh if TOL < Tdesignh 8.4 kW COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh 2.72 1.68 WTOL	TOL	-10 °C	-10 °C
Cdh Tj = -7 °C 1.0 1.0 Pdh Tj = +2°C 5.5 kW 5.4 kW COP Tj = +2°C 4.35 3.25 Cdh Tj = +2 °C 1.0 1.0 Pdh Tj = +7°C 4.6 kW 4.4 kW COP Tj = +7°C 6.69 4.79 Cdh Tj = +7 °C 1.0 1.0 Pdh Tj = 12°C 5.4 kW 5.3 kW COP Tj = 12°C 8.47 6.38 Cdh Tj = +12 °C 1.0 1.0 Pdh Tj = Tbiv 9.2 kW 8.2 kW COP Tj = ToL or Pdh Tj = Tdesignh if TOL < Tdesignh 8.4 kW COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh 2.72 1.68 WTOL	Pdh Tj = -7°C	9.2 kW	7.9 kW
Pdh Tj = +2°C	COP Tj = -7°C	3.03	1.89
COP Tj = +2°C	Cdh Tj = -7 °C	1.0	1.0
Cdh Tj = +2 °C 1.0 1.0 A.6 kW 4.4 kW COP Tj = +7 °C 6.69 4.79 Cdh Tj = +7 °C 1.0 1.0 Pdh Tj = +7 °C 1.0 1.0 Pdh Tj = 12 °C 5.4 kW 5.3 kW COP Tj = 12 °C 8.47 6.38 Cdh Tj = +12 °C 1.0 Pdh Tj = Tbiv 9.2 kW COP Tj = Tbiv 3.01 1.96 Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh 8.4 kW COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh 2.72 WTOL 35 °C 55 °C	Pdh Tj = +2°C	5.5 kW	5.4 kW
Pdh Tj = +7°C	COP Tj = +2°C	4.35	3.25
COP Tj = +7°C 6.69 4.79 Cdh Tj = +7 °C 1.0 1.0 Pdh Tj = 12°C 5.4 kW 5.3 kW COP Tj = 12°C 8.47 6.38 Cdh Tj = +12 °C 1.0 1.0 Pdh Tj = Tbiv 9.2 kW 8.2 kW COP Tj = Tbiv 3.01 1.96 Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh 8.4 kW 6.9 kW COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh 2.72 1.68 WTOL 35 °C 55 °C	Cdh Tj = +2 °C	1.0	1.0
Cdh Tj = +7 °C 1.0 1.0 Pdh Tj = 12°C 5.4 kW 5.3 kW COP Tj = 12°C 8.47 6.38 Cdh Tj = +12 °C 1.0 1.0 Pdh Tj = Tbiv 9.2 kW 8.2 kW COP Tj = Tbiv 3.01 1.96 Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	Pdh Tj = +7°C	4.6 kW	4.4 kW
Pdh Tj = 12°C 5.4 kW 5.3 kW COP Tj = 12°C 8.47 6.38 Cdh Tj = +12 °C 1.0 1.0 Pdh Tj = Tbiv 9.2 kW 8.2 kW COP Tj = Tbiv 3.01 1.96 Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	COP Tj = +7°C	6.69	4.79
COP Tj = 12°C	Cdh Tj = +7 °C	1.0	1.0
Cdh Tj = +12 °C 1.0 1.0 Pdh Tj = Tbiv 9.2 kW 8.2 kW COP Tj = Tbiv 3.01 1.96 Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	Pdh Tj = 12°C	5.4 kW	5.3 kW
Pdh Tj = Tbiv 9.2 kW 8.2 kW COP Tj = Tbiv 3.01 1.96 Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	COP Tj = 12°C	8.47	6.38
COP Tj = Tbiv 3.01 1.96 Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh 2.72 1.68 WTOL 3.01 1.96 5.9 kW 5.9 kW 5.9 kW 5.9 kW 5.9 kW 5.9 kW	Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh 2.72 1.68 WTOL 35 °C 55 °C	Pdh Tj = Tbiv	9.2 kW	8.2 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh 2.72 1.68 WTOL 35 °C 55 °C	COP Tj = Tbiv	3.01	1.96
WTOL 35 °C 55 °C	Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.4 kW	6.9 kW
	COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.72	1.68
Poff 23 W 23 W	WTOL	35 °C	55 °C
	Poff	23 W	23 W

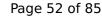




РТО	23 W	23 W
PSB	23 W	23 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.6 kW	3.2 kW
Annual energy consumption Qhe	4479 kWh	6405 kWh

EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	44.0 dB(A)	44.0 dB(A)	
Sound power level outdoor	62 dB(A)	62 dB(A)	

EN 14825		
	Low temperature	Medium temperature
η_{s}	237 %	161 %
Prated	10.00 kW	10.00 kW
SCOP	6.00	4.09
Tbiv	3 °C	4 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	9.20 kW	9.00 kW





COP Tj = +2°C	3.80	2.23
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = $+7^{\circ}$ C	6.70 kW	6.20 kW
$COP Tj = +7^{\circ}C$	5.70	3.74
Cdh Tj = +7 °C	1.000	1.000
Pdh Tj = 12°C	5.20 kW	5.00 kW
COP Tj = 12°C	7.87	5.67
Cdh Tj = +12 °C	1.000	1.000
Pdh Tj = Tbiv	9.20 kW	8.50 kW
COP Tj = Tbiv	3.80	2.40
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	9.76 kW	8.99 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.64	2.24
WTOL	35 °C	55 °C
Poff	23 W	23 W
РТО	23 W	23 W
PSB	23 W	23 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.24 kW	1.01 kW
Annual energy consumption Qhe	2228 kWh	3262 kWh

Domestic Hot Water (DHW)



Average Climate

EN 16147		
Declared load profile	XL	
Efficiency ηDHW	109 %	
СОР	2.63	
Heating up time	1:11 h:min	
Standby power input	43.2 W	
Reference hot water temperature	51.5 °C	
Mixed water at 40°C	295.0	

EN 16147		
Declared load profile	XL	
Efficiency ηDHW	124 %	
СОР	3.00	
Heating up time	1:10 h:min	
Standby power input	37.6 W	
Reference hot water temperature	51.5 °C	
Mixed water at 40°C	295.0 l	

Model: ERLA11DV3 / EBVH11S23D(6V/9W) + cooling kit

Configure model		
Model name ERLA11DV3 / EBVH11S23D(6V/9W) + cooling kit		
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	Warmer Climate	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

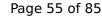
General Data		
Power supply	1x230V 50Hz	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	10.56 kW	10.64 kW
El input	2.19 kW	3.62 kW
СОР	4.83	2.94

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

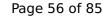
Cooling





EN 14511-2			
+7°C/+12°C			
El input	3.47 kW		
Cooling capacity	11.18		
EER	3.22		

EN 14825





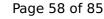
	+7°C/+12°C
Pdesignc	11.00 kW
SEER	5.92
Pdc Tj = 35°C	11.00 kW
EER Tj = 35°C	3.19
Pdc Tj = 30°C	8.10 kW
EER Tj = 30°C	4.94
Cdc	0.990
Pdc Tj = 25°C	5.70 kW
EER Tj = 25°C	7.18
Cdc	0.970
Pdc Tj = 20°C	5.90 kW
EER Tj = 20°C	8.47
Cdc	0.970
Poff	23 W
PTO	23 W
PSB	23 W
PCK	0 W
Annual energy consumption Qce	1116 kWh

Average Climate



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44.0 dB(A)	44.0 dB(A)
Sound power level outdoor	62.0 dB(A)	62.0 dB(A)

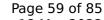
EN 14825		
	Low temperature	Medium temperature
η_{s}	186 %	128 %
Prated	10 kW	10 kW
SCOP	4.72	3.27
Tbiv	-8 °C	-5 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.2 kW	7.9 kW
COP Tj = -7°C	3.03	1.89
Cdh Tj = -7 °C	1.0	1.0
Pdh Tj = +2°C	5.5 kW	5.4 kW
COP Tj = +2°C	4.37	3.25
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	4.6 kW	4.4 kW
COP Tj = +7°C	6.74	4.81
Cdh Tj = +7 °C	1.0	1.0





	-	
Pdh Tj = 12°C	5.4 kW	5.3 kW
COP Tj = 12°C	8.54	6.41
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	9.2 kW	8.2 kW
COP Tj = Tbiv	3.01	1.96
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.4 kW	6.8 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.73	1.68
WTOL	35 °C	55 °C
Poff	23 W	23 W
РТО	23 W	23 W
PSB	23 W	23 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.6 kW	3.2 kW
Annual energy consumption Qhe	4378 kWh	6312 kWh

EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	44.0 dB(A)	44.0 dB(A)	
Sound power level outdoor	62 dB(A)	62 dB(A)	





EN 14825

	Low temperature	Medium temperature
η_{s}	248 %	166 %
Prated	10.00 kW	10.00 kW
SCOP	6.28	4.23
Tbiv	3 °C	4 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	9.80 kW	9.00 kW
COP Tj = +2°C	3.64	2.24
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = $+7^{\circ}$ C	6.70 kW	6.20 kW
$COPTj = +7^{\circ}C$	5.70	3.74
Cdh Tj = +7 °C	1.000	1.000
Pdh Tj = 12°C	5.20 kW	5.00 kW
COP Tj = 12°C	7.87	5.68
Cdh Tj = +12 °C	1.000	1.000
Pdh Tj = Tbiv	9.20 kW	8.50 kW
COP Tj = Tbiv	3.81	2.41
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	9.76 kW	8.99 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.64	2.24
WTOL	35 °C	55 °C

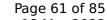


Poff	23 W	23 W
PTO	23 W	23 W
PSB	23 W	23 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.24 kW	1.01 kW
Annual energy consumption Qhe	2126 kWh	3157 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147		
Declared load profile	XL	
Efficiency ηDHW	109 %	
СОР	2.63	
Heating up time	1:11 h:min	
Standby power input	43.2 W	
Reference hot water temperature	51.5 °C	
Mixed water at 40°C	295.0	





EN 16147		
Declared load profile	XL	
Efficiency ηDHW	124 %	
СОР	3.00	
Heating up time	1:10 h:min	
Standby power input	37.6 W	
Reference hot water temperature	51.5 °C	
Mixed water at 40°C	295.0 l	

Model: ERLA11DW1 / EBVZ11S23D(6V/9W) + cooling kit

Configure model		
Model name	ERLA11DW1 / EBVZ11S23D(6V/9W) + cooling kit	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	Warmer Climate	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

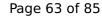
General Data		
Power supply	3x400V 50Hz	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	10.56 kW	10.64 kW
El input	2.19 kW	3.62 kW
СОР	4.83	2.94

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

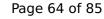
Cooling





EN 14511-2		
+7°C/+12°C		
El input	3.47 kW	
Cooling capacity	11.18	
EER	3.22	

EN 14825





This information was generated by the HP KE	+7°C/+12°C
Pdesignc	11.00 kW
SEER	5.92
Pdc Tj = 35°C	11.00 kW
EER Tj = 35°C	3.19
Pdc Tj = 30°C	8.10 kW
EER Tj = 30°C	4.94
Cdc	0.990
Pdc Tj = 25°C	5.70 kW
EER Tj = 25°C	7.18
Cdc	0.970
Pdc Tj = 20°C	5.90 kW
EER Tj = 20°C	8.47
Cdc	0.970
Poff	23 W
РТО	23 W
PSB	23 W
PCK	o w
Annual energy consumption Qce	1116 kWh

Average Climate



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44.0 dB(A)	44.0 dB(A)
Sound power level outdoor	62.0 dB(A)	62.0 dB(A)

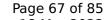
EN 14825		
	Low temperature	Medium temperature
η_{s}	186 %	128 %
Prated	10 kW	10 kW
SCOP	4.72	3.27
Tbiv	-8 °C	-5 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.2 kW	7.9 kW
COP Tj = -7°C	3.03	1.89
Cdh Tj = -7 °C	1.0	1.0
Pdh Tj = +2°C	5.5 kW	5.4 kW
COP Tj = +2°C	4.37	3.25
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	4.6 kW	4.4 kW
COP Tj = +7°C	6.74	4.81
Cdh Tj = +7 °C	1.0	1.0





Pdh Tj = 12°C	5.4 kW	5.3 kW
COP Tj = 12°C	8.54	6.41
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	9.2 kW	8.2 kW
COP Tj = Tbiv	3.01	1.96
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.4 kW	6.8 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.73	1.68
WTOL	35 °C	55 °C
Poff	23 W	23 W
РТО	23 W	23 W
PSB	23 W	23 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.6 kW	3.2 kW
Annual energy consumption Qhe	4378 kWh	6312 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44.0 dB(A)	44.0 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)





EN 14825

	Low temperature	Medium temperature
η_{s}	248 %	166 %
Prated	10.00 kW	10.00 kW
SCOP	6.28	4.23
Tbiv	3 °C	4 °C
TOL	2 °C	2 °C
Pdh Tj = $+2$ °C	9.80 kW	9.00 kW
COP Tj = +2°C	3.64	2.24
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = $+7^{\circ}$ C	6.70 kW	6.20 kW
COP Tj = +7°C	5.70	3.74
Cdh Tj = +7 °C	1.000	1.000
Pdh Tj = 12°C	5.20 kW	5.00 kW
COP Tj = 12°C	7.87	5.68
Cdh Tj = +12 °C	1.000	1.000
Pdh Tj = Tbiv	9.20 kW	8.50 kW
COP Tj = Tbiv	3.81	2.41
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	9.76 kW	8.99 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.64	2.24
WTOL	35 °C	55 °C





Poff	23 W	23 W
РТО	23 W	23 W
PSB	23 W	23 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.24 kW	1.01 kW
Annual energy consumption Qhe	2126 kWh	3157 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	XL
Efficiency ηDHW	109 %
СОР	2.63
Heating up time	1:11 h:min
Standby power input	43.2 W
Reference hot water temperature	51.5 °C
Mixed water at 40°C	295.0





EN 16147	
Declared load profile	XL
Efficiency ηDHW	124 %
СОР	3.00
Heating up time	1:10 h:min
Standby power input	37.6 W
Reference hot water temperature	51.5 °C
Mixed water at 40°C	295.0 l

Model: ERLA11DV3 / EBVH11S23D(6V/9W) + cooling kit

Configure model		
Model name	ERLA11DV3 / EBVH11S23D(6V/9W) + cooling kit	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	Warmer Climate	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

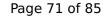
General Data	
Power supply 1x230V 50Hz	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	10.56 kW	10.64 kW
El input	2.19 kW	3.62 kW
СОР	4.83	2.94

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

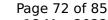
Cooling





EN 14511-2	
	+7°C/+12°C
El input	3.47 kW
Cooling capacity	11.18
EER	3.22

EN 14825





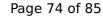
	+7°C/+12°C
Pdesignc	11.00 kW
SEER	5.92
Pdc Tj = 35°C	11.00 kW
EER Tj = 35°C	3.19
Pdc Tj = 30°C	8.10 kW
EER Tj = 30°C	4.94
Cdc	0.990
Pdc Tj = 25°C	5.70 kW
EER Tj = 25°C	7.18
Cdc	0.970
Pdc Tj = 20°C	5.90 kW
EER Tj = 20°C	8.47
Cdc	0.970
Poff	23 W
PTO	23 W
PSB	23 W
РСК	o w
Annual energy consumption Qce	1116 kWh

Average Climate



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44.0 dB(A)	44.0 dB(A)
Sound power level outdoor	62.0 dB(A)	62.0 dB(A)

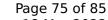
EN 14825		
	Low temperature	Medium temperature
η_{s}	186 %	128 %
Prated	10 kW	10 kW
SCOP	4.72	3.27
Tbiv	-8 °C	-5 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.2 kW	7.9 kW
COP Tj = -7°C	3.03	1.89
Cdh Tj = -7 °C	1.0	1.0
Pdh Tj = +2°C	5.5 kW	5.4 kW
COP Tj = +2°C	4.37	3.25
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	4.6 kW	4.4 kW
COP Tj = +7°C	6.74	4.81
Cdh Tj = +7 °C	1.0	1.0





····s ····c····as general	<u>, </u>	
Pdh Tj = 12°C	5.4 kW	5.3 kW
COP Tj = 12°C	8.54	6.41
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	9.2 kW	8.2 kW
COP Tj = Tbiv	3.01	1.96
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.4 kW	6.8 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.73	1.68
WTOL	35 °C	55 °C
Poff	23 W	23 W
РТО	23 W	23 W
PSB	23 W	23 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.6 kW	3.2 kW
Annual energy consumption Qhe	4378 kWh	6312 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44.0 dB(A)	44.0 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)





EN 14825

	Low temperature	Medium temperature
η_{s}	248 %	166 %
Prated	10.00 kW	10.00 kW
SCOP	6.28	4.23
Tbiv	3 °C	4 °C
TOL	2 °C	2 °C
Pdh Tj = $+2$ °C	9.80 kW	9.00 kW
COP Tj = +2°C	3.64	2.24
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = $+7^{\circ}$ C	6.70 kW	6.20 kW
$COPTj = +7^{\circ}C$	5.70	3.74
Cdh Tj = +7 °C	1.000	1.000
Pdh Tj = 12°C	5.20 kW	5.00 kW
COP Tj = 12°C	7.87	5.68
Cdh Tj = +12 °C	1.000	1.000
Pdh Tj = Tbiv	9.20 kW	8.50 kW
COP Tj = Tbiv	3.81	2.41
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	9.76 kW	8.99 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.64	2.24
WTOL	35 °C	55 °C



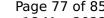


Poff	23 W	23 W
PTO	23 W	23 W
PSB	23 W	23 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.24 kW	1.01 kW
Annual energy consumption Qhe	2126 kWh	3157 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147		
Declared load profile	XL	
Efficiency ηDHW	109 %	
СОР	2.63	
Heating up time	1:11 h:min	
Standby power input	43.2 W	
Reference hot water temperature	51.5 °C	
Mixed water at 40°C	295.0	





$$\operatorname{\textit{Page}}\xspace$ 77 of 85 This information was generated by the HP KEYMARK database on 18 Mar 2022

EN 16147		
Declared load profile	XL	
Efficiency ηDHW	124 %	
СОР	3.00	
Heating up time	1:10 h:min	
Standby power input	37.6 W	
Reference hot water temperature	51.5 °C	
Mixed water at 40°C	295.0 l	



Model: ERLA11DW1 / EBVZ11S23D(6V/9W) + cooling kit

Configure model		
Model name	ERLA11DW1 / EBVZ11S23D(6V/9W) + cooling kit	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	Warmer Climate	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

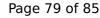
General Data		
Power supply	3x400V 50Hz	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	10.56 kW	10.64 kW
El input	2.19 kW	3.62 kW
СОР	4.83	2.94

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

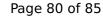
Cooling





EN 14511-2	
	+7°C/+12°C
El input	3.47 kW
Cooling capacity	11.18
EER	3.22

EN 14825





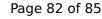
	+7°C/+12°C
Pdesignc	11.00 kW
SEER	5.92
Pdc Tj = 35°C	11.00 kW
EER Tj = 35°C	3.19
Pdc Tj = 30°C	8.10 kW
EER Tj = 30°C	4.94
Cdc	0.990
Pdc Tj = 25°C	5.70 kW
EER Tj = 25°C	7.18
Cdc	0.970
Pdc Tj = 20°C	5.90 kW
EER Tj = 20°C	8.47
Cdc	0.970
Poff	23 W
РТО	23 W
PSB	23 W
PCK	o w
Annual energy consumption Qce	1116 kWh

Average Climate



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44.0 dB(A)	44.0 dB(A)
Sound power level outdoor	62.0 dB(A)	62.0 dB(A)

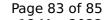
EN 14825		
	Low temperature	Medium temperature
η_{s}	186 %	128 %
Prated	10 kW	10 kW
SCOP	4.72	3.27
Tbiv	-8 °C	-5 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.2 kW	7.9 kW
COP Tj = -7°C	3.03	1.89
Cdh Tj = -7 °C	1.0	1.0
Pdh Tj = +2°C	5.5 kW	5.4 kW
COP Tj = +2°C	4.37	3.25
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	4.6 kW	4.4 kW
COP Tj = +7°C	6.74	4.81
Cdh Tj = +7 °C	1.0	1.0





Pdh Tj = 12°C	5.4 kW	5.3 kW
COP Tj = 12°C	8.54	6.41
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	9.2 kW	8.2 kW
COP Tj = Tbiv	3.01	1.96
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.4 kW	6.8 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.73	1.68
WTOL	35 °C	55 °C
Poff	23 W	23 W
РТО	23 W	23 W
PSB	23 W	23 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.6 kW	3.2 kW
Annual energy consumption Qhe	4378 kWh	6312 kWh

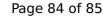
EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44.0 dB(A)	44.0 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)





EN 14825

	Low temperature	Medium temperature
η_{s}	248 %	166 %
Prated	10.00 kW	10.00 kW
SCOP	6.28	4.23
Tbiv	3 °C	4 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	9.80 kW	9.00 kW
COP Tj = +2°C	3.64	2.24
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = +7°C	6.70 kW	6.20 kW
COPTj = +7°C	5.70	3.74
Cdh Tj = +7 °C	1.000	1.000
Pdh Tj = 12°C	5.20 kW	5.00 kW
COP Tj = 12°C	7.87	5.68
Cdh Tj = +12 °C	1.000	1.000
Pdh Tj = Tbiv	9.20 kW	8.50 kW
COP Tj = Tbiv	3.81	2.41
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	9.76 kW	8.99 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.64	2.24
WTOL	35 °C	55 °C



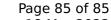


Poff	23 W	23 W
PTO	23 W	23 W
PSB	23 W	23 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.24 kW	1.01 kW
Annual energy consumption Qhe	2126 kWh	3157 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	XL
Efficiency ηDHW	109 %
СОР	2.63
Heating up time	1:11 h:min
Standby power input	43.2 W
Reference hot water temperature	51.5 °C
Mixed water at 40°C	295.0 I





EN 16147		
Declared load profile	XL	
Efficiency ηDHW	124 %	
СОР	3.00	
Heating up time	1:10 h:min	
Standby power input	37.6 W	
Reference hot water temperature	51.5 °C	
Mixed water at 40°C	295.0 l	