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Login

Summary of	DAIKIN ALTHERMA 3 H HT F 14KW (230L)	Reg. No.	011-1W0354
Certificate Holder	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 H HT F 14KW (230L)		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass of Refrigerant	4.2 kg		
Certification Date	07.02.2020		



Model: EPRA14DV3 / ETVH16S23E(6V/9W)

Configure model	
Model name	EPRA14DV3 / ETVH16S23E(6V/9W)
Application	Heating + DHW + low temp
Units	Indoor + Outdoor
Climate Zone	n/a
Reversibility	No
Cooling mode application (optional)	n/a

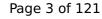
General Data		
Power supply	1x230V 50Hz	

Heating

EN 14511-2		
Low temperature Medium temperature		
Heat output	5.69 kW	7.24 kW
El input	1.22 kW	2.41 kW
СОР	4.67	3.01

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

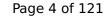
Cooling





EN 14511-2	
+7°C/+12°C	
El input	2.56 kW
Cooling capacity	6.9
EER	2.7

EN 14825





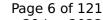
	+7°C/+12°C
Pdesignc	6.9 kW
SEER	3.99
Pdc Tj = 35°C	6.9 kW
EER Tj = 35°C	2.7
Pdc Tj = 30°C	5.23 kW
EER Tj = 30°C	3.65
Cdc Tj = 30 °C	1
Pdc Tj = 25°C	5.05 kW
EER Tj = 25°C	4.58
Cdc Tj = 25 °C	1
Pdc Tj = 20°C	4.94 kW
EER Tj = 20°C	5.41
Cdc Tj = 20 °C	1
Poff	21 W
PTO	41 W
PSB	21 W
PCK	0 W
Annual energy consumption Qce	1038 kWh



	EN 12102-1	
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	177 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.51	3.58
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.1 kW	11.2 kW
COP Tj = -7°C	3.12	2.47
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	6.7 kW	6.9 kW
COP Tj = +2°C	4.44	3.56
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	5.7 kW	6.9 kW
COP Tj = +7°C	5.84	4.44
Cdh Tj = +7 °C	1	1

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Pdh Tj = 12°C	6 kW	6.2 kW
COP Tj = 12°C	7.4	5.72
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	11.1 kW	12.2 kW
COP Tj = Tbiv	3.12	2.19
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.1 kW	12.2 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.76	2.19
WTOL	35 °C	55 °C
Poff	21 W	21 W
РТО	41 W	41 W
PSB	21 W	21 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.4 kW	0 kW
Annual energy consumption Qhe	5726 kWh	7211 kWh

Domestic Hot Water (DHW)



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EN 16147	
Declared load profile	XL
Efficiency ηDHW	108 %
СОР	2.61
Heating up time	1:19 h:min
Standby power input	49.2 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	298



Model: EPRA14DW1 / ETVH16S23E(6V/9W)

Configure model		
Model name	EPRA14DW1 / ETVH16S23E(6V/9W)	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility No		
Cooling mode application (optional) n/a		

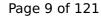
General Data		
Power supply	3x400V 50Hz	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.9 kW	7.24 kW
El input	1.23 kW	2.47 kW
СОР	4.79	2.93

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

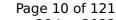
Cooling





EN 14511-2	
+7°C/+12°C	
El input	2.56 kW
Cooling capacity	6.9
EER	2.7

EN 14825





	+7°C/+12°C
Pdesignc	6.9 kW
SEER	3.87
Pdc Tj = 35°C	6.9 kW
EER Tj = 35°C	2.7
Pdc Tj = 30°C	5.23 kW
EER Tj = 30°C	3.65
Cdc Tj = 30 °C	1
Pdc Tj = 25°C	5.05 kW
EER Tj = 25°C	4.58
Cdc Tj = 25 °C	1
Pdc Tj = 20°C	4.94 kW
EER Tj = 20°C	5.41
Cdc Tj = 20 °C	1
Poff	31 W
РТО	33 W
PSB	42 W
PCK	o w
Annual energy consumption Qce	1069 kWh



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{S}	186 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.71	3.57
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.7 kW	11.1 kW
COP Tj = -7°C	2.97	2.43
Cdh Tj = -7 °C	1	1
Pdh Tj = $+2^{\circ}$ C	6.9 kW	6.7 kW
COP Tj = +2°C	4.94	3.52
Cdh Tj = +2 °C	1	1
Pdh Tj = $+7^{\circ}$ C	6.2 kW	6.5 kW
$COP Tj = +7^{\circ}C$	5.95	4.54
Cdh Tj = +7 °C	1	1

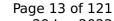
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Pdh Tj = 12°C	5.6 kW	5.2 kW
COP Tj = 12°C	7.07	5.97
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	10.7 kW	12.5 kW
COP Tj = Tbiv	2.97	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.1 kW	12.5 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.88	2.12
WTOL	35 °C	55 °C
Poff	31 W	31 W
РТО	33 W	33 W
PSB	42 W	42 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.4 kW	0 kW
Annual energy consumption Qhe	5479 kWh	7236 kWh

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	XL	
Efficiency ηDHW	107 %	
СОР	2.55	
Heating up time	1:19 h:min	
Standby power input	58.5 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	298 I	



Model: EPRA14DV3 / ETVX16S23E(6V/9W)

Configure model		
Model name EPRA14DV3 / ETVX16S23E(6V/9W)		
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

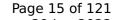
General Data			
Power supply 1x230V 50Hz			

Heating

EN 14511-2			
Low temperature Medium temperature		Medium temperature	
Heat output	5.69 kW	7.24 kW	
El input	1.22 kW	2.41 kW	
СОР	4.67	3.01	

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

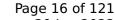




EN 14511-2		
+7°C/+12°C		
El input	2.56 kW	
Cooling capacity	6.9	
EER	2.7	

EN 14825

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	+7°C/+12°C
Pdesignc	6.9 kW
SEER	3.99
Pdc Tj = 35°C	6.9 kW
EER Tj = 35°C	2.7
Pdc Tj = 30°C	5.23 kW
EER Tj = 30°C	3.65
Cdc Tj = 30 °C	1
Pdc Tj = 25°C	5.05 kW
EER Tj = 25°C	4.58
Cdc Tj = 25 °C	1
Pdc Tj = 20°C	4.94 kW
EER Tj = 20°C	5.41
Cdc Tj = 20 °C	1
Poff	21 W
РТО	41 W
PSB	21 W
PCK	0 W
Annual energy consumption Qce	1038 kWh



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	177 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.51	3.58
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.1 kW	11.2 kW
COP Tj = -7°C	3.12	2.47
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	6.7 kW	6.9 kW
COP Tj = +2°C	4.44	3.56
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	5.7 kW	6.9 kW
COP Tj = +7°C	5.84	4.44
Cdh Tj = +7 °C	1	1

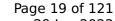
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This information was generated by the HP KEYMARK database on 29 Jun 2022

Pdh Tj = 12°C	6 kW	6.2 kW
COP Tj = 12°C	7.4	5.72
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	11.1 kW	12.2 kW
COP Tj = Tbiv	3.12	2.19
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.1 kW	12.2 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.76	2.19
WTOL	35 °C	55 °C
Poff	21 W	21 W
РТО	41 W	41 W
PSB	21 W	21 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.4 kW	0 kW
Annual energy consumption Qhe	5726 kWh	7211 kWh

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	XL	
Efficiency ηDHW	108 %	
СОР	2.61	
Heating up time	1:19 h:min	
Standby power input	49.2 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	298	



Model: EPRA14DW1 / ETVX16S23E(6V/9W)

Configure model		
Model name	EPRA14DW1 / ETVX16S23E(6V/9W)	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

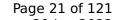
General Data		
Power supply	3x400V 50Hz	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.9 kW	7.24 kW
El input	1.23 kW	2.47 kW
СОР	4.79	2.93

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	2.56 kW	
Cooling capacity	6.9	
EER	2.7	

EN 14825





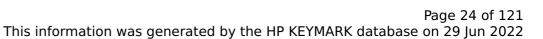
	+7°C/+12°C
Pdesignc	6.9 kW
SEER	3.87
Pdc Tj = 35°C	6.9 kW
EER Tj = 35°C	2.7
Pdc Tj = 30°C	5.23 kW
EER Tj = 30°C	3.65
Cdc Tj = 30 °C	1
Pdc Tj = 25°C	5.05 kW
EER Tj = 25°C	4.58
Cdc Tj = 25 °C	1
Pdc Tj = 20°C	4.94 kW
EER Tj = 20°C	5.41
Cdc Tj = 20 °C	1
Poff	31 W
РТО	33 W
PSB	42 W
PCK	o w
Annual energy consumption Qce	1069 kWh



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	186 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.71	3.57
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.7 kW	11.1 kW
COP Tj = -7°C	2.97	2.43
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	6.9 kW	6.7 kW
COP Tj = +2°C	4.94	3.52
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	6.2 kW	6.5 kW
COP Tj = +7°C	5.95	4.54
Cdh Tj = +7 °C	1	1

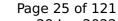
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Pdh Tj = 12°C	5.6 kW	5.2 kW
COP Tj = 12°C	7.07	5.97
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	10.7 kW	12.5 kW
COP Tj = Tbiv	2.97	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.1 kW	12.5 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.88	2.12
WTOL	35 °C	55 °C
Poff	31 W	31 W
РТО	33 W	33 W
PSB	42 W	42 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.4 kW	0 kW
Annual energy consumption Qhe	5479 kWh	7236 kWh

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	XL	
Efficiency ηDHW	107 %	
СОР	2.55	
Heating up time	1:19 h:min	
Standby power input	58.5 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	298 I	



Model: EPRA14DV3 / ETVZ16S23E(6V/9W)

Configure model			
Model name EPRA14DV3 / ETVZ16S23E(6V/9W)			
Application Heating + DHW + low temp			
Units	Indoor + Outdoor		
Climate Zone	n/a		
Reversibility	No		
Cooling mode application (optional)	n/a		

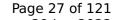
General Data		
Power supply 1x230V 50Hz		

Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	5.69 kW	7.24 kW	
El input	1.22 kW	2.41 kW	
СОР	4.67	3.01	

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

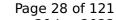
Cooling





EN 14511-2		
+7°C/+12°C		
El input	2.56 kW	
Cooling capacity	6.9	
EER	2.7	

EN 14825





	+7°C/+12°C
Pdesignc	6.9 kW
SEER	3.99
Pdc Tj = 35°C	6.9 kW
EER Tj = 35°C	2.7
Pdc Tj = 30°C	5.23 kW
EER Tj = 30°C	3.65
Cdc Tj = 30 °C	1
Pdc Tj = 25°C	5.05 kW
EER Tj = 25°C	4.58
Cdc Tj = 25 °C	1
Pdc Tj = 20°C	4.94 kW
EER Tj = 20°C	5.41
Cdc Tj = 20 °C	1
Poff	21 W
PTO	41 W
PSB	21 W
PCK	0 W
Annual energy consumption Qce	1038 kWh



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	177 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.51	3.58
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.1 kW	11.2 kW
COP Tj = -7°C	3.12	2.47
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	6.7 kW	6.9 kW
COP Tj = +2°C	4.44	3.56
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	5.7 kW	6.9 kW
COP Tj = +7°C	5.84	4.44
Cdh Tj = +7 °C	1	1

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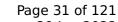


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Pdh Tj = 12°C	6 kW	6.2 kW
COP Tj = 12°C	7.4	5.72
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	11.1 kW	12.2 kW
COP Tj = Tbiv	3.12	2.19
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.1 kW	12.2 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.76	2.19
WTOL	35 °C	55 °C
Poff	21 W	21 W
РТО	41 W	41 W
PSB	21 W	21 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.4 kW	0 kW
Annual energy consumption Qhe	5726 kWh	7211 kWh

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	XL	
Efficiency ηDHW	108 %	
СОР	2.61	
Heating up time	1:19 h:min	
Standby power input	49.2 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	298	



Model: EPRA14DW1 / ETVZ16S23E(6V/9W)

Configure model		
Model name	EPRA14DW1 / ETVZ16S23E(6V/9W)	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

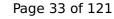
General Data		
Power supply 3x400V 50Hz		

Heating

EN 14511-2			
	Low temperature	Medium temperature	
Heat output	5.9 kW	7.24 kW	
El input	1.23 kW	2.47 kW	
СОР	4.79	2.93	

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

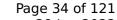
Cooling





EN 14511-2	
	+7°C/+12°C
El input	2.56 kW
Cooling capacity	6.9
EER	2.7

EN 14825





This information was generated by the Hill Ke	+7°C/+12°C
Pdesignc	6.9 kW
SEER	3.87
Pdc Tj = 35°C	6.9 kW
EER Tj = 35°C	2.7
Pdc Tj = 30°C	5.23 kW
EER Tj = 30°C	3.65
Cdc Tj = 30 °C	1
Pdc Tj = 25°C	5.05 kW
EER Tj = 25°C	4.58
Cdc Tj = 25 °C	1
Pdc Tj = 20°C	4.94 kW
EER Tj = 20°C	5.41
Cdc Tj = 20 °C	1
Poff	31 W
PTO	33 W
PSB	42 W
PCK	0 W
Annual energy consumption Qce	1069 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	186 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.71	3.57
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.7 kW	11.1 kW
COP Tj = -7 °C	2.97	2.43
Cdh Tj = -7 °C	1	1
Pdh Tj = $+2$ °C	6.9 kW	6.7 kW
COP Tj = +2°C	4.94	3.52
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	6.2 kW	6.5 kW
COP Tj = +7°C	5.95	4.54
Cdh Tj = +7 °C	1	1

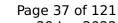
EHPA Secretariat | Rue dArlon 63-67 | Phone: +32 2 400 10 17 | Email: secretariat@heatpumpkeymark.com | www.heatpumpkeymark.com

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This information was generated by the HP KEYMARK database on 29 Jun 2022

Pdh Tj = 12°C	5.6 kW	5.2 kW
COP Tj = 12°C	7.07	5.97
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	10.7 kW	12.5 kW
COP Tj = Tbiv	2.97	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.1 kW	12.5 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.88	2.12
WTOL	35 °C	55 °C
Poff	31 W	31 W
РТО	33 W	33 W
PSB	42 W	42 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.4 kW	0 kW
Annual energy consumption Qhe	5479 kWh	7236 kWh

Domestic Hot Water (DHW)





EN 16147	
Declared load profile	XL
Efficiency ηDHW	107 %
СОР	2.55
Heating up time	1:19 h:min
Standby power input	58.5 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	298 I

Model: EPRA14DV3 / ETVH16S23E(6V/9W) + cooling kit

Configure model		
Model name	EPRA14DV3 / ETVH16S23E(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	

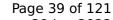
	General Data	
Power supply	1x230V 50Hz	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.69 kW	7.24 kW
El input	1.22 kW	2.41 kW
СОР	4.67	3.01

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

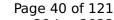
Cooling





EN 14511-2	
	+7°C/+12°C
El input	2.56 kW
Cooling capacity	6.9
EER	2.7

EN 14825





	+7°C/+12°C
Pdesignc	6.9 kW
SEER	3.99
Pdc Tj = 35°C	6.9 kW
EER Tj = 35°C	2.7
Pdc Tj = 30°C	5.23 kW
EER Tj = 30°C	3.65
Cdc Tj = 30 °C	1
Pdc Tj = 25°C	5.05 kW
EER Tj = 25°C	4.58
Cdc Tj = 25 °C	1
Pdc Tj = 20°C	4.94 kW
EER Tj = 20°C	5.41
Cdc Tj = 20 °C	1
Poff	21 W
РТО	41 W
PSB	21 W
PCK	0 W
Annual energy consumption Qce	1038 kWh



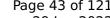
	EN 12102-1	
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	177 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.51	3.58
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.1 kW	11.2 kW
COP Tj = -7°C	3.12	2.47
Cdh Tj = -7 °C	1	1
Pdh Tj = $+2^{\circ}$ C	6.7 kW	6.9 kW
COP Tj = +2°C	4.44	3.56
Cdh Tj = +2 °C	1	1
Pdh Tj = $+7^{\circ}$ C	5.7 kW	6.9 kW
COP Tj = +7°C	5.84	4.44
Cdh Tj = +7 °C	1	1

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Pdh Tj = 12°C	6 kW	6.2 kW
COP Tj = 12°C	7.4	5.72
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	11.1 kW	12.2 kW
COP Tj = Tbiv	3.12	2.19
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.1 kW	12.2 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.76	2.19
WTOL	35 °C	55 °C
Poff	21 W	21 W
РТО	41 W	41 W
PSB	21 W	21 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.4 kW	0 kW
Annual energy consumption Qhe	5726 kWh	7211 kWh

Domestic Hot Water (DHW)





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EN 16147	
Declared load profile	XL
Efficiency ηDHW	108 %
СОР	2.61
Heating up time	1:19 h:min
Standby power input	49.2 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	298

Model: EPRA14DW1 / ETVH16S23E(6V/9W) + cooling kit

Configure model		
Model name	EPRA14DW1 / ETVH16S23E(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	

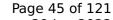
General Data			
Power supply 3x400V 50Hz			

Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	5.9 kW	7.24 kW	
El input	1.23 kW	2.47 kW	
СОР	4.79	2.93	

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

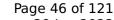
Cooling





EN 14511-2		
+7°C/+12°C		
El input	2.56 kW	
Cooling capacity	6.9	
EER	2.7	

EN 14825





	+7°C/+12°C
Pdesignc	6.9 kW
SEER	3.87
Pdc Tj = 35°C	6.9 kW
EER Tj = 35°C	2.7
Pdc Tj = 30°C	5.23 kW
EER Tj = 30°C	3.65
Cdc Tj = 30 °C	1
Pdc Tj = 25°C	5.05 kW
EER Tj = 25°C	4.58
Cdc Tj = 25 °C	1
Pdc Tj = 20°C	4.94 kW
EER Tj = 20°C	5.41
Cdc Tj = 20 °C	1
Poff	31 W
РТО	33 W
PSB	42 W
PCK	o w
Annual energy consumption Qce	1069 kWh



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

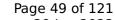
EN 14825		
	Low temperature	Medium temperature
η_{s}	186 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.71	3.57
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.7 kW	11.1 kW
COP Tj = -7°C	2.97	2.43
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	6.9 kW	6.7 kW
COP Tj = +2°C	4.94	3.52
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	6.2 kW	6.5 kW
$COP Tj = +7^{\circ}C$	5.95	4.54
Cdh Tj = +7 °C	1	1



Pdh Tj = 12°C	5.6 kW	5.2 kW
COP Tj = 12°C	7.07	5.97
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	10.7 kW	12.5 kW
COP Tj = Tbiv	2.97	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.1 kW	12.5 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.88	2.12
WTOL	35 °C	55 °C
Poff	31 W	31 W
РТО	33 W	33 W
PSB	42 W	42 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.4 kW	0 kW
Annual energy consumption Qhe	5479 kWh	7236 kWh

Domestic Hot Water (DHW)

CEN heat pump KEYMARK





EN 16147		
Declared load profile	XL	
Efficiency ηDHW	107 %	
СОР	2.55	
Heating up time	1:19 h:min	
Standby power input	58.5 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	298 I	

Model: EPRA14DV3 / ETVH16SU23E6V

Configure model		
Model name EPRA14DV3 / ETVH16SU23E6V		
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional) n/a		

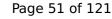
General Data			
Power supply 1x230V 50Hz			

Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	5.69 kW	7.24 kW	
El input	1.22 kW	2.41 kW	
СОР	4.67	3.01	

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

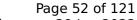
Cooling





EN 14511-2		
+7°C/+12°C		
El input	2.56 kW	
Cooling capacity	6.9	
EER	2.7	

EN 14825





	+7°C/+12°C
Pdesignc	6.9 kW
SEER	3.99
Pdc Tj = 35°C	6.9 kW
EER Tj = 35°C	2.7
Pdc Tj = 30°C	5.23 kW
EER Tj = 30°C	3.65
Cdc Tj = 30 °C	1
Pdc Tj = 25°C	5.05 kW
EER Tj = 25°C	4.58
Cdc Tj = 25 °C	1
Pdc Tj = 20°C	4.94 kW
EER Tj = 20°C	5.41
Cdc Tj = 20 °C	1
Poff	21 W
PTO	41 W
PSB	21 W
PCK	0 W
Annual energy consumption Qce	1038 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	177 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.51	3.58
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.1 kW	11.2 kW
COP Tj = -7°C	3.12	2.47
Cdh Tj = -7 °C	1	1
Pdh Tj = $+2^{\circ}$ C	6.7 kW	6.9 kW
COP Tj = +2°C	4.44	3.56
Cdh Tj = +2 °C	1	1
Pdh Tj = $+7^{\circ}$ C	5.7 kW	6.9 kW
COP Tj = +7°C	5.84	4.44
Cdh Tj = +7 °C	1	1

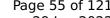


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This information was generated by the HP KEYMARK database on 29 Jun 2022

Pdh Tj = 12°C	6 kW	6.2 kW
COP Tj = 12°C	7.4	5.72
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	11.1 kW	12.2 kW
COP Tj = Tbiv	3.12	2.19
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.1 kW	12.2 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.76	2.19
WTOL	35 °C	55 °C
Poff	21 W	21 W
РТО	41 W	41 W
PSB	21 W	21 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.4 kW	0 kW
Annual energy consumption Qhe	5726 kWh	7211 kWh

Domestic Hot Water (DHW)





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EN 16147		
Declared load profile	XL	
Efficiency ηDHW	108 %	
СОР	2.61	
Heating up time	1:19 h:min	
Standby power input	49.2 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	298	



Model: EPRA14DW1 / ETVH16SU23E6V

Configure model		
Model name	EPRA14DW1 / ETVH16SU23E6V	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

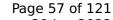
General Data		
Power supply	3x400V 50Hz	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.9 kW	7.24 kW
El input	1.23 kW	2.47 kW
СОР	4.79	2.93

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

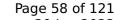
Cooling





EN 14511-2	
	+7°C/+12°C
El input	2.56 kW
Cooling capacity	6.9
EER	2.7

EN 14825



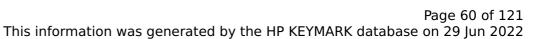


	+7°C/+12°C
Pdesignc	6.9 kW
SEER	3.87
Pdc Tj = 35°C	6.9 kW
EER Tj = 35°C	2.7
Pdc Tj = 30°C	5.23 kW
EER Tj = 30°C	3.65
Cdc Tj = 30 °C	1
Pdc Tj = 25°C	5.05 kW
EER Tj = 25°C	4.58
Cdc Tj = 25 °C	1
Pdc Tj = 20°C	4.94 kW
EER Tj = 20°C	5.41
Cdc Tj = 20 °C	1
Poff	31 W
РТО	33 W
PSB	42 W
PCK	o w
Annual energy consumption Qce	1069 kWh



EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	44 dB(A)	44 dB(A)	
Sound power level outdoor	54 dB(A)	54 dB(A)	

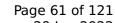
EN 14825		
	Low temperature	Medium temperature
η_{s}	186 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.71	3.57
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.7 kW	11.1 kW
COP Tj = -7°C	2.97	2.43
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	6.9 kW	6.7 kW
COP Tj = +2°C	4.94	3.52
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	6.2 kW	6.5 kW
COP Tj = +7°C	5.95	4.54
Cdh Tj = +7 °C	1	1





Pdh Tj = 12°C	5.6 kW	5.2 kW
COP Tj = 12°C	7.07	5.97
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	10.7 kW	12.5 kW
COP Tj = Tbiv	2.97	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.1 kW	12.5 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.88	2.12
WTOL	35 °C	55 °C
Poff	31 W	31 W
РТО	33 W	33 W
PSB	42 W	42 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.4 kW	0 kW
Annual energy consumption Qhe	5479 kWh	7236 kWh

Domestic Hot Water (DHW)





EN 16147	
Declared load profile	XL
Efficiency ηDHW	107 %
СОР	2.55
Heating up time	1:19 h:min
Standby power input	58.5 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	298 I



Model: EPRA14DV37 / ETVH16S23E(6V/9W)7

Configure model		
Model name EPRA14DV37 / ETVH16S23E(6V/9W)7		
Application Heating + DHW + low temp		
Units Indoor + Outdoor		
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

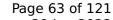
General Data		
Power supply	1x230V 50Hz	

Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	5.69 kW	7.24 kW	
El input	1.22 kW	2.41 kW	
СОР	4.67	3.01	

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

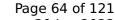
Cooling





EN 14511-2		
+7°C/+12°C		
El input	2.56 kW	
Cooling capacity	6.9	
EER	2.7	

EN 14825





	+7°C/+12°C
Pdesignc	6.9 kW
SEER	3.99
Pdc Tj = 35°C	6.9 kW
EER Tj = 35°C	2.7
Pdc Tj = 30°C	5.23 kW
EER Tj = 30°C	3.65
Cdc Tj = 30 °C	1
Pdc Tj = 25°C	5.05 kW
EER Tj = 25°C	4.58
Cdc Tj = 25 °C	1
Pdc Tj = 20°C	4.94 kW
EER Tj = 20°C	5.41
Cdc Tj = 20 °C	1
Poff	21 W
PTO	41 W
PSB	21 W
PCK	o w
Annual energy consumption Qce	1038 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	177 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.51	3.58
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.1 kW	11.2 kW
COP Tj = -7°C	3.12	2.47
Cdh Tj = -7 °C	1	1
Pdh Tj = $+2^{\circ}$ C	6.7 kW	6.9 kW
COP Tj = +2°C	4.44	3.56
Cdh Tj = +2 °C	1	1
Pdh Tj = $+7^{\circ}$ C	5.7 kW	6.9 kW
COP Tj = +7°C	5.84	4.44
Cdh Tj = +7 °C	1	1

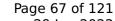


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This information was generated by the HP KEYMARK database on 29 Jun 2022

Pdh Tj = 12°C	6 kW	6.2 kW
COP Tj = 12°C	7.4	5.72
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	11.1 kW	12.2 kW
COP Tj = Tbiv	3.12	2.19
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.1 kW	12.2 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.76	2.19
WTOL	35 °C	55 °C
Poff	21 W	21 W
РТО	41 W	41 W
PSB	21 W	21 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.4 kW	0 kW
Annual energy consumption Qhe	5726 kWh	7211 kWh

Domestic Hot Water (DHW)





EN 16147	
Declared load profile	XL
Efficiency ηDHW	108 %
СОР	2.61
Heating up time	1:19 h:min
Standby power input	49.2 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	298



Model: EPRA14DW17 / ETVH16S23E(6V/9W)7

Configure model		
Model name	EPRA14DW17 / ETVH16S23E(6V/9W)7	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

General Data		
Power supply	3x400V 50Hz	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.9 kW	7.24 kW
El input	1.23 kW	2.47 kW
СОР	4.79	3.01

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

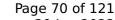
Cooling





EN 14511-2	
	+7°C/+12°C
El input	2.56 kW
Cooling capacity	6.9
EER	2.7

EN 14825

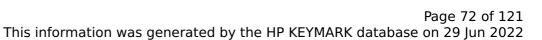




	+7°C/+12°C
Pdesignc	6.9 kW
SEER	3.87
Pdc Tj = 35°C	6.9 kW
EER Tj = 35°C	2.7
Pdc Tj = 30°C	5.23 kW
EER Tj = 30°C	3.65
Cdc Tj = 30 °C	1
Pdc Tj = 25°C	5.05 kW
EER Tj = 25°C	4.58
Cdc Tj = 25 °C	1
Pdc Tj = 20°C	4.94 kW
EER Tj = 20°C	5.41
Cdc Tj = 20 °C	1
Poff	31 W
РТО	33 W
PSB	42 W
PCK	o w
Annual energy consumption Qce	1069 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

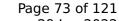
EN 14825		
	Low temperature	Medium temperature
η_{s}	186 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.71	3.57
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.7 kW	11.1 kW
COP Tj = -7°C	2.97	2.43
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	6.9 kW	6.7 kW
COP Tj = +2°C	4.94	3.52
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	6.2 kW	6.5 kW
$COP Tj = +7^{\circ}C$	5.95	4.54
Cdh Tj = +7 °C	1	1



0

Pdh Tj = 12°C	5.6 kW	5.2 kW
COP Tj = 12°C	7.07	5.97
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	10.7 kW	12.5 kW
COP Tj = Tbiv	2.97	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.1 kW	12.5 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.88	2.12
WTOL	35 °C	55 °C
Poff	31 W	31 W
РТО	33 W	33 W
PSB	42 W	42 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.4 kW	0 kW
Annual energy consumption Qhe	5479 kWh	7236 kWh

Domestic Hot Water (DHW)





EN 16147	
Declared load profile	XL
Efficiency ηDHW	107 %
СОР	2.55
Heating up time	1:19 h:min
Standby power input	58.5 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	298 I



Model: EPRA14DV37 / ETVH16SU23E6V7

Configure model		
Model name	EPRA14DV37 / ETVH16SU23E6V7	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

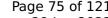
General Data		
Power supply	1x230V 50Hz	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.69 kW	7.24 kW
El input	1.22 kW	2.41 kW
СОР	4.67	3.01

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

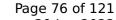




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EN 14511-2	
	+7°C/+12°C
El input	2.56 kW
Cooling capacity	6.9
EER	2.7

EN 14825





	+7°C/+12°C
Pdesignc	6.9 kW
SEER	3.99
Pdc Tj = 35°C	6.9 kW
EER Tj = 35°C	2.7
Pdc Tj = 30°C	5.23 kW
EER Tj = 30°C	3.65
Cdc Tj = 30 °C	1
Pdc Tj = 25°C	5.05 kW
EER Tj = 25°C	4.58
Cdc Tj = 25 °C	1
Pdc Tj = 20°C	4.94 kW
EER Tj = 20°C	5.41
Cdc Tj = 20 °C	1
Poff	21 W
PTO	41 W
PSB	21 W
PCK	0 W
Annual energy consumption Qce	1038 kWh



	EN 12102-1	
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	177 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.51	3.58
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.1 kW	11.2 kW
COP Tj = -7°C	3.12	2.47
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	6.7 kW	6.9 kW
COP Tj = +2°C	4.44	3.56
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	5.7 kW	6.9 kW
$COP Tj = +7^{\circ}C$	5.84	4.44
Cdh Tj = +7 °C	1	1

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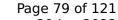


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Pdh Tj = 12°C	6 kW	6.2 kW
COP Tj = 12°C	7.4	5.72
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	11.1 kW	12.2 kW
COP Tj = Tbiv	3.12	2.19
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.1 kW	12.2 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.76	2.19
WTOL	35 °C	55 °C
Poff	21 W	21 W
РТО	41 W	41 W
PSB	21 W	21 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.4 kW	0 kW
Annual energy consumption Qhe	5726 kWh	7211 kWh

Domestic Hot Water (DHW)





EN 16147	
Declared load profile	XL
Efficiency ηDHW	108 %
СОР	2.61
Heating up time	1:19 h:min
Standby power input	49.2 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	298

Model: EPRA14DW17 / ETVH16SU23E6V7

Configure model		
Model name	EPRA14DW17 / ETVH16SU23E6V7	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

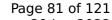
General Data		
Power supply 3x400V 50Hz		

Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	5.9 kW	7.24 kW	
El input	1.23 kW	2.47 kW	
СОР	4.79	3.01	

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

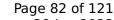




EN 14511-2		
+7°C/+12°C		
El input	2.56 kW	
Cooling capacity	6.9	
EER	2.7	

EN 14825

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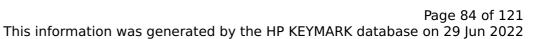


	+7°C/+12°C
Pdesignc	6.9 kW
SEER	3.87
Pdc Tj = 35°C	6.9 kW
EER Tj = 35°C	2.7
Pdc Tj = 30°C	5.23 kW
EER Tj = 30°C	3.65
Cdc Tj = 30 °C	1
Pdc Tj = 25°C	5.05 kW
EER Tj = 25°C	4.58
Cdc Tj = 25 °C	1
Pdc Tj = 20°C	4.94 kW
EER Tj = 20°C	5.41
Cdc Tj = 20 °C	1
Poff	31 W
РТО	33 W
PSB	42 W
PCK	o w
Annual energy consumption Qce	1069 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{S}	186 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.71	3.57
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.7 kW	11.1 kW
COP Tj = -7°C	2.97	2.43
Cdh Tj = -7 °C	1	1
Pdh Tj = $+2^{\circ}$ C	6.9 kW	6.7 kW
COP Tj = +2°C	4.94	3.52
Cdh Tj = +2 °C	1	1
Pdh Tj = $+7^{\circ}$ C	6.2 kW	6.5 kW
$COP Tj = +7^{\circ}C$	5.95	4.54
Cdh Tj = +7 °C	1	1

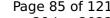
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Pdh Tj = 12°C	5.6 kW	5.2 kW
COP Tj = 12°C	7.07	5.97
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	10.7 kW	12.5 kW
COP Tj = Tbiv	2.97	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.1 kW	12.5 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.88	2.12
WTOL	35 °C	55 °C
Poff	31 W	31 W
РТО	33 W	33 W
PSB	42 W	42 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.4 kW	0 kW
Annual energy consumption Qhe	5479 kWh	7236 kWh

Domestic Hot Water (DHW)





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EN 16147		
Declared load profile	XL	
Efficiency ηDHW	107 %	
СОР	2.55	
Heating up time	1:19 h:min	
Standby power input	58.5 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	298 I	



Model: EPRA14DV37 / ETVX16S23E(6V/9W)7

Configure model		
Model name	EPRA14DV37 / ETVX16S23E(6V/9W)7	
Application Heating + DHW + low temp		
Units	Indoor + Outdoor	
Climate Zone n/a		
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

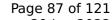
General Data		
Power supply 1x230V 50Hz		

Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	5.69 kW	7.24 kW	
El input	1.22 kW	2.41 kW	
СОР	4.67	3.01	

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

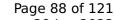
Cooling





EN 14511-2		
+7°C/+12°C		
El input	2.56 kW	
Cooling capacity	6.9	
EER	2.7	

EN 14825





	+7°C/+12°C
Pdesignc	6.9 kW
SEER	3.99
Pdc Tj = 35°C	6.9 kW
EER Tj = 35°C	2.7
Pdc Tj = 30°C	5.23 kW
EER Tj = 30°C	3.65
Cdc Tj = 30 °C	1
Pdc Tj = 25°C	5.05 kW
EER Tj = 25°C	4.58
Cdc Tj = 25 °C	1
Pdc Tj = 20°C	4.94 kW
EER Tj = 20°C	5.41
Cdc Tj = 20 °C	1
Poff	21 W
РТО	41 W
PSB	21 W
PCK	o w
Annual energy consumption Qce	1038 kWh



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	177 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.51	3.58
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.1 kW	11.2 kW
COP Tj = -7°C	3.12	2.47
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	6.7 kW	6.9 kW
COP Tj = +2°C	4.44	3.56
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	5.7 kW	6.9 kW
COP Tj = +7°C	5.84	4.44
Cdh Tj = +7 °C	1	1

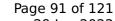
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Pdh Tj = 12°C	6 kW	6.2 kW
COP Tj = 12°C	7.4	5.72
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	11.1 kW	12.2 kW
COP Tj = Tbiv	3.12	2.19
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.1 kW	12.2 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.76	2.19
WTOL	35 °C	55 °C
Poff	21 W	21 W
РТО	41 W	41 W
PSB	21 W	21 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.4 kW	0 kW
Annual energy consumption Qhe	5726 kWh	7211 kWh

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	XL	
Efficiency ηDHW	108 %	
СОР	2.61	
Heating up time	1:19 h:min	
Standby power input	49.2 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	298	



Model: EPRA14DW17 / ETVX16S23E(6V/9W)7

Configure model		
Model name	EPRA14DW17 / ETVX16S23E(6V/9W)7	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

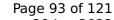
General Data		
Power supply	3x400V 50Hz	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.9 kW	7.24 kW
El input	1.23 kW	2.47 kW
СОР	4.79	3.01

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

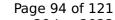
Cooling





EN 14511-2	
	+7°C/+12°C
El input	2.56 kW
Cooling capacity	6.9
EER	2.7

EN 14825





This information was generated by the Hill Ke	+7°C/+12°C
Pdesignc	6.9 kW
SEER	3.87
Pdc Tj = 35°C	6.9 kW
EER Tj = 35°C	2.7
Pdc Tj = 30°C	5.23 kW
EER Tj = 30°C	3.65
Cdc Tj = 30 °C	1
Pdc Tj = 25°C	5.05 kW
EER Tj = 25°C	4.58
Cdc Tj = 25 °C	1
Pdc Tj = 20°C	4.94 kW
EER Tj = 20°C	5.41
Cdc Tj = 20 °C	1
Poff	31 W
PTO	33 W
PSB	42 W
PCK	0 W
Annual energy consumption Qce	1069 kWh



EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	44 dB(A)	44 dB(A)	
Sound power level outdoor	54 dB(A)	54 dB(A)	

EN 14825		
	Low temperature	Medium temperature
η_{s}	186 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.71	3.57
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.7 kW	11.1 kW
COP Tj = -7°C	2.97	2.43
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	6.9 kW	6.7 kW
COP Tj = +2°C	4.94	3.52
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	6.2 kW	6.5 kW
COP Tj = +7°C	5.95	4.54
Cdh Tj = +7 °C	1	1

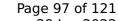
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Pdh Tj = 12°C	5.6 kW	5.2 kW
1 411 1, 12 6	3.3 KW	J.L KW
COP Tj = 12°C	7.07	5.97
Cdh Tj = +12 °C	1	1
Can i, Till C	_	-
Pdh Tj = Tbiv	10.7 kW	12.5 kW
COP Tj = Tbiv	2.97	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.1 kW	12.5 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.88	2.12
WTOL	35 °C	55 °C
Poff	31 W	31 W
PTO	33 W	33 W
PSB	42 W	42 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.4 kW	0 kW
Annual energy consumption Qhe	5479 kWh	7236 kWh

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	XL	
Efficiency ηDHW	107 %	
СОР	2.55	
Heating up time	1:19 h:min	
Standby power input	58.5 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	298 I	

Model: EPRA14DV37 / ETVZ16S23E(6V/9W)7

Configure model		
Model name EPRA14DV37 / ETVZ16S23E(6V/9W)7		
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	5.69 kW	7.24 kW	
El input	1.22 kW	2.41 kW	
СОР	4.67	3.01	

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

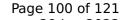
Cooling





EN 14511-2		
+7°C/+12°C		
El input	2.56 kW	
Cooling capacity	6.9	
EER	2.7	

EN 14825





	+7°C/+12°C
Pdesignc	6.9 kW
SEER	3.99
Pdc Tj = 35°C	6.9 kW
EER Tj = 35°C	2.7
Pdc Tj = 30°C	5.23 kW
EER Tj = 30°C	3.65
Cdc Tj = 30 °C	1
Pdc Tj = 25°C	5.05 kW
EER Tj = 25°C	4.58
Cdc Tj = 25 °C	1
Pdc Tj = 20°C	4.94 kW
EER Tj = 20°C	5.41
Cdc Tj = 20 °C	1
Poff	21 W
РТО	41 W
PSB	21 W
PCK	0 W
Annual energy consumption Qce	1038 kWh



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	177 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.51	3.58
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.1 kW	11.2 kW
COP Tj = -7°C	3.12	2.47
Cdh Tj = -7 °C	1	1
Pdh Tj = $+2^{\circ}$ C	6.7 kW	6.9 kW
COP Tj = +2°C	4.44	3.56
Cdh Tj = +2 °C	1	1
Pdh Tj = $+7^{\circ}$ C	5.7 kW	6.9 kW
COP Tj = +7°C	5.84	4.44
Cdh Tj = +7 °C	1	1

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Pdh Tj = 12°C	6 kW	6.2 kW
COP Tj = 12°C	7.4	5.72
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	11.1 kW	12.2 kW
COP Tj = Tbiv	3.12	2.19
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.1 kW	12.2 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.76	2.19
WTOL	35 °C	55 °C
Poff	21 W	21 W
РТО	41 W	41 W
PSB	21 W	21 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.4 kW	0 kW
Annual energy consumption Qhe	5726 kWh	7211 kWh

Domestic Hot Water (DHW)



$$\operatorname{\textit{Page}}\ 103$$ of 121 This information was generated by the HP KEYMARK database on 29 Jun 2022

EN 16147		
Declared load profile	XL	
Efficiency ηDHW	108 %	
СОР	2.61	
Heating up time	1:19 h:min	
Standby power input	49.2 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	298	

Model: EPRA14DW17 / ETVZ16S23E(6V/9W)7

Configure model		
Model name	EPRA14DW17 / ETVZ16S23E(6V/9W)7	
Application Heating + DHW + low temp		
Units Indoor + Outdoor		
Climate Zone n/a		
Reversibility	No	
Cooling mode application (optional)	n/a	

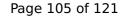
General Data		
Power supply	3x400V 50Hz	

Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	5.9 kW	7.24 kW	
El input	1.23 kW	2.47 kW	
СОР	4.79	3.01	

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

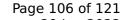
Cooling





EN 14511-2			
+7°C/+12°C			
El input	2.56 kW		
Cooling capacity	6.9		
EER	2.7		

EN 14825





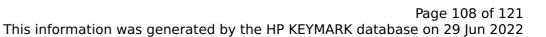
This information was generated by the Hill Ke	+7°C/+12°C
Pdesignc	6.9 kW
SEER	3.87
Pdc Tj = 35°C	6.9 kW
EER Tj = 35°C	2.7
Pdc Tj = 30°C	5.23 kW
EER Tj = 30°C	3.65
Cdc Tj = 30 °C	1
Pdc Tj = 25°C	5.05 kW
EER Tj = 25°C	4.58
Cdc Tj = 25 °C	1
Pdc Tj = 20°C	4.94 kW
EER Tj = 20°C	5.41
Cdc Tj = 20 °C	1
Poff	31 W
PTO	33 W
PSB	42 W
PCK	0 W
Annual energy consumption Qce	1069 kWh



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	186 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.71	3.57
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.7 kW	11.1 kW
COP Tj = -7°C	2.97	2.43
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	6.9 kW	6.7 kW
COP Tj = +2°C	4.94	3.52
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	6.2 kW	6.5 kW
COP Tj = +7°C	5.95	4.54
Cdh Tj = +7 °C	1	1

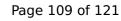
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Pdh Tj = 12°C	5.6 kW	5.2 kW
1 411 1, 12 6	J.O RVV	J.L KW
COP Tj = 12°C	7.07	5.97
Cdh Tj = +12 °C	1	1
Can i, Till C	_	-
Pdh Tj = Tbiv	10.7 kW	12.5 kW
COP Tj = Tbiv	2.97	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.1 kW	12.5 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.88	2.12
WTOL	35 °C	55 °C
Poff	31 W	31 W
PTO	33 W	33 W
PSB	42 W	42 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.4 kW	0 kW
Annual energy consumption Qhe	5479 kWh	7236 kWh

Domestic Hot Water (DHW)





EN 16147	
Declared load profile	XL
Efficiency ηDHW	107 %
СОР	2.55
Heating up time	1:19 h:min
Standby power input	58.5 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	298 I

Model: EPRA14DV37 / ETVH16S23E(6V/9W)7 + cooling kit

Configure model		
Model name	EPRA14DV37 / ETVH16S23E(6V/9W)7 + cooling kit	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility Yes		
Cooling mode application (optional)	+7°C/12°C	

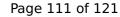
General Data		
Power supply	1x230V 50Hz	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.69 kW	7.24 kW
El input	1.22 kW	2.41 kW
СОР	4.67	3.01

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

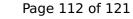
Cooling





EN 14511-2	
+7°C/+12°C	
El input	2.56 kW
Cooling capacity	6.9
EER	2.7

EN 14825





	+7°C/+12°C
Pdesignc	6.9 kW
SEER	3.99
Pdc Tj = 35°C	6.9 kW
EER Tj = 35°C	2.7
Pdc Tj = 30°C	5.23 kW
EER Tj = 30°C	3.65
Cdc Tj = 30 °C	1
Pdc Tj = 25°C	5.05 kW
EER Tj = 25°C	4.58
Cdc Tj = 25 °C	1
Pdc Tj = 20°C	4.94 kW
EER Tj = 20°C	5.41
Cdc Tj = 20 °C	1
Poff	21 W
РТО	41 W
PSB	21 W
PCK	0 W
Annual energy consumption Qce	1038 kWh



	EN 12102-1	
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	177 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.51	3.58
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.1 kW	11.2 kW
COP Tj = -7°C	3.12	2.47
Cdh Tj = -7 °C	1	1
Pdh Tj = $+2^{\circ}$ C	6.7 kW	6.9 kW
COP Tj = +2°C	4.44	3.56
Cdh Tj = +2 °C	1	1
Pdh Tj = $+7^{\circ}$ C	5.7 kW	6.9 kW
COP Tj = +7°C	5.84	4.44
Cdh Tj = +7 °C	1	1

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	The state of the s	
Pdh Tj = 12°C	6 kW	6.2 kW
COP Tj = 12°C	7.4	5.72
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	11.1 kW	12.2 kW
COP Tj = Tbiv	3.12	2.19
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.1 kW	12.2 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.76	2.19
WTOL	35 °C	55 °C
Poff	21 W	21 W
РТО	41 W	41 W
PSB	21 W	21 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.4 kW	0 kW
Annual energy consumption Qhe	5726 kWh	7211 kWh

Domestic Hot Water (DHW)



$$\operatorname{\textit{Page}}\ 115$$ of 121 This information was generated by the HP KEYMARK database on 29 Jun 2022

EN 16147	
Declared load profile	XL
Efficiency ηDHW	108 %
СОР	2.61
Heating up time	1:19 h:min
Standby power input	49.2 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	298

Model: EPRA14DW17 / ETVH16S23E(6V/9W)7 + cooling kit

Configure model		
Model name	EPRA14DW17 / ETVH16S23E(6V/9W)7 + cooling kit	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

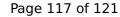
General Data		
Power supply 3x400V 50Hz		

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.9 kW	7.24 kW
El input	1.23 kW	2.47 kW
СОР	4.79	3.01

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

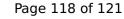
Cooling





EN 14511-2	
	+7°C/+12°C
El input	2.56 kW
Cooling capacity	6.9
EER	2.7

EN 14825





This information was generated by the HP KE	+7°C/+12°C
Pdesignc	6.9 kW
SEER	3.87
Pdc Tj = 35°C	6.9 kW
EER Tj = 35°C	2.7
Pdc Tj = 30°C	5.23 kW
EER Tj = 30°C	3.65
Cdc Tj = 30 °C	1
Pdc Tj = 25°C	5.05 kW
EER Tj = 25°C	4.58
Cdc Tj = 25 °C	1
Pdc Tj = 20°C	4.94 kW
EER Tj = 20°C	5.41
Cdc Tj = 20 °C	1
Poff	31 W
РТО	33 W
PSB	42 W
PCK	0 W
Annual energy consumption Qce	1069 kWh



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

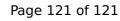
EN 14825		
	Low temperature	Medium temperature
η_{S}	186 %	140 %
Prated	12.5 kW	12.5 kW
SCOP	4.71	3.57
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	10.7 kW	11.1 kW
COP Tj = -7°C	2.97	2.43
Cdh Tj = -7 °C	1	1
Pdh Tj = $+2^{\circ}$ C	6.9 kW	6.7 kW
COP Tj = +2°C	4.94	3.52
Cdh Tj = +2 °C	1	1
Pdh Tj = $+7^{\circ}$ C	6.2 kW	6.5 kW
$COP Tj = +7^{\circ}C$	5.95	4.54
Cdh Tj = +7 °C	1	1





Pdh Tj = 12°C	5.6 kW	5.2 kW
COP Tj = 12°C	7.07	5.97
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	10.7 kW	12.5 kW
COP Tj = Tbiv	2.97	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.1 kW	12.5 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.88	2.12
WTOL	35 °C	55 °C
Poff	31 W	31 W
РТО	33 W	33 W
PSB	42 W	42 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.4 kW	0 kW
Annual energy consumption Qhe	5479 kWh	7236 kWh

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	XL	
Efficiency ηDHW	107 %	
СОР	2.55	
Heating up time	1:19 h:min	
Standby power input	58.5 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	298 I	