

Page 1 of 73

This information was generated by the HP KEYMARK database on 23 Jun 2022

Login

Summary of	DAIKIN ALTHERMA 3 H F 14kW (230L)	Reg. No.	011-1W0322
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 F 14kW (230L)		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass of Refrigerant	3.5 kg		
Certification Date	06.03.2019		
Testing basis	HP KEYMARK certification scheme rules rev. 9		



Model: EPGA14DV / EAVH16S23D(6V/9W)(G)

Configure model		
Model name	EPGA14DV / EAVH16S23D(6V/9W)(G)	
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	14.54 kW	15.84 kW
El input	2.91 kW	5.17 kW
СОР	4.99	3.06

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	3.97 kW
Cooling capacity	11.89
EER	2.99

EN 14825





This information was generated by the Hill RE	+7°C/+12°C
Pdesignc	12 kW
SEER	5.04
Pdc Tj = 35°C	11.89 kW
EER Tj = 35°C	2.99
Pdc Tj = 30°C	8.79 kW
EER Tj = 30°C	4.15
Cdc	1
Pdc Tj = 25°C	5.56 kW
EER Tj = 25°C	6.19
Cdc	1
Pdc Tj = 20°C	7.86 kW
EER Tj = 20°C	6.65
Cdc	1
Poff	21 W
РТО	41 W
PSB	21 W
PCK	o w
Annual energy consumption Qce	1429 kWh





	EN 12102-1	
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	64 dB(A)	64 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	175 %	130 %
Prated	13.00 kW	14.00 kW
SCOP	4.45	3.34
Tbiv	-10 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.10 kW	12.30 kW
COP Tj = -7°C	2.85	2.17
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	7.00 kW	8.10 kW
COP Tj = +2°C	4.24	3.18
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.50 kW	5.00 kW
$COP Tj = +7^{\circ}C$	6.24	4.46
Cdh Tj = +7 °C	0.95	0.96





Pdh Tj = 12°C	5.30 kW	5.20 kW
COP Tj = 12°C	8.12	5.94
Cdh Tj = +12 °C	0.94	0.95
Pdh Tj = Tbiv	12.50 kW	12.30 kW
COP Tj = Tbiv	2.53	2.17
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.50 kW	13.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.53	2.10
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	0.00 kW	0.50 kW
Annual energy consumption Qhe	5797 kWh	8669 kWh

Domestic Hot Water (DHW)



EN 16147	
Declared load profile	XL
Efficiency ηDHW	111 %
СОР	2.70
Heating up time	1:05 h:min
Standby power input	36.0 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	286



Model: EPGA14DV / EAVX16S23D(6V/9W)(G)

Configure model		
Model name	EPGA14DV / EAVX16S23D(6V/9W)(G)	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

General Data			
Power supply 1x230V 50Hz			

Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	14.54 kW	15.84 kW	
El input	2.91 kW	5.17 kW	
СОР	4.99	3.06	

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

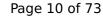
Cooling





EN 14511-2		
+7°C/+12°C		
El input	3.97 kW	
Cooling capacity	11.89	
EER	2.99	

EN 14825





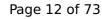
This information was generated by the Hill RE	+7°C/+12°C
Pdesignc	12 kW
SEER	5.04
Pdc Tj = 35°C	11.89 kW
EER Tj = 35°C	2.99
Pdc Tj = 30°C	8.79 kW
EER Tj = 30°C	4.15
Cdc	1
Pdc Tj = 25°C	5.56 kW
EER Tj = 25°C	6.19
Cdc	1
Pdc Tj = 20°C	7.86 kW
EER Tj = 20°C	6.65
Cdc	1
Poff	21 W
РТО	41 W
PSB	21 W
PCK	o w
Annual energy consumption Qce	1429 kWh





EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	64 dB(A)	64 dB(A)

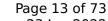
EN 14825		
	Low temperature	Medium temperature
η_{s}	178 %	132 %
Prated	13.00 kW	14.00 kW
SCOP	4.51	3.37
Tbiv	-10 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.10 kW	12.30 kW
COP Tj = -7°C	2.85	2.17
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	7.00 kW	8.10 kW
COP Tj = +2°C	4.24	3.18
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.50 kW	5.00 kW
COP Tj = +7°C	6.24	4.46
Cdh Tj = +7 °C	0.95	0.96





Pdh Tj = 12°C	5.30 kW	5.20 kW
COP Tj = 12°C	8.12	5.94
Cdh Tj = +12 °C	0.94	0.95
Pdh Tj = Tbiv	12.50 kW	12.30 kW
COP Tj = Tbiv	2.53	2.17
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.50 kW	13.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.53	2.10
WTOL	35 °C	55 °C
Poff	21 W	21 W
РТО	41 W	41 W
PSB	21 W	21 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.50 kW
Annual energy consumption Qhe	5720 kWh	8592 kWh

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	XL	
Efficiency ηDHW	111 %	
СОР	2.70	
Heating up time	1:05 h:min	
Standby power input	36.0 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	286	



Model: EPGA14DV / EAVZ16S23D(6V/9W)

Configure model		
Model name	EPGA14DV / EAVZ16S23D(6V/9W)	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

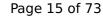
General Data			
Power supply 1x230V 50Hz			

Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	14.54 kW	15.84 kW	
El input	2.91 kW	5.17 kW	
СОР	4.99	3.06	

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

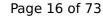
Cooling





EN 14511-2		
+7°C/+12°C		
El input	3.97 kW	
Cooling capacity	11.89	
EER	2.99	

EN 14825





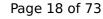
This information was generated by the Hill RE	+7°C/+12°C
Pdesignc	12 kW
SEER	5.04
Pdc Tj = 35°C	11.89 kW
EER Tj = 35°C	2.99
Pdc Tj = 30°C	8.79 kW
EER Tj = 30°C	4.15
Cdc	1
Pdc Tj = 25°C	5.56 kW
EER Tj = 25°C	6.19
Cdc	1
Pdc Tj = 20°C	7.86 kW
EER Tj = 20°C	6.65
Cdc	1
Poff	21 W
РТО	41 W
PSB	21 W
PCK	o w
Annual energy consumption Qce	1429 kWh





EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	64 dB(A)	64 dB(A)

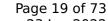
EN 14825		
	Low temperature	Medium temperature
η_{s}	175 %	130 %
Prated	13.00 kW	14.00 kW
SCOP	4.45	3.34
Tbiv	-10 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.10 kW	12.30 kW
COP Tj = -7°C	2.85	2.17
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	7.00 kW	8.10 kW
COP Tj = +2°C	4.24	3.18
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.50 kW	5.00 kW
$COP Tj = +7^{\circ}C$	6.24	4.46
Cdh Tj = +7 °C	0.95	0.96





Pdh Tj = 12°C	5.30 kW	5.20 kW
COP Tj = 12°C	8.12	5.94
Cdh Tj = +12 °C	0.94	0.95
Pdh Tj = Tbiv	12.50 kW	12.30 kW
COP Tj = Tbiv	2.53	2.17
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.50 kW	13.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.53	2.10
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	0.00 kW	0.50 kW
Annual energy consumption Qhe	5797 kWh	8669 kWh

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	XL	
Efficiency ηDHW	111 %	
СОР	2.70	
Heating up time	1:05 h:min	
Standby power input	36.0 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	286	

Model: EPGA14DV / EAVH16S23D(6V/9W)(G) + cooling kit

Configure model		
Model name	EPGA14DV / EAVH16S23D(6V/9W)(G) + cooling kit	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

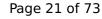
General Data		
Power supply 1x230V 50Hz		

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	14.54 kW	15.84 kW
El input	2.91 kW	5.17 kW
СОР	4.99	3.06

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	3.97 kW	
Cooling capacity	11.89	
EER	2.99	

EN 14825





This information was generated by the Hill RE	+7°C/+12°C
Pdesignc	12 kW
SEER	5.04
Pdc Tj = 35°C	11.89 kW
EER Tj = 35°C	2.99
Pdc Tj = 30°C	8.79 kW
EER Tj = 30°C	4.15
Cdc	1
Pdc Tj = 25°C	5.56 kW
EER Tj = 25°C	6.19
Cdc	1
Pdc Tj = 20°C	7.86 kW
EER Tj = 20°C	6.65
Cdc	1
Poff	21 W
РТО	41 W
PSB	21 W
PCK	o w
Annual energy consumption Qce	1429 kWh





EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	64 dB(A)	64 dB(A)

EN 14825		
Low temperature	Medium temperature	
178 %	132 %	
13.00 kW	14.00 kW	
4.51	3.37	
-10 °C	-7 °C	
-10 °C	-10 °C	
11.10 kW	12.30 kW	
2.85	2.17	
1.00	1.00	
7.00 kW	8.10 kW	
4.24	3.18	
1.00	1.00	
4.50 kW	5.00 kW	
6.24	4.46	
0.95	0.96	
	Low temperature 178 % 13.00 kW 4.51 -10 °C -10 °C 11.10 kW 2.85 1.00 7.00 kW 4.24 1.00 4.50 kW 6.24	





		· · · · · · · · · · · · · · · · · · ·
Pdh Tj = 12°C	5.30 kW	5.20 kW
COP Tj = 12°C	8.12	5.94
Cdh Tj = +12 °C	0.94	0.95
Pdh Tj = Tbiv	12.50 kW	12.30 kW
COP Tj = Tbiv	2.53	2.17
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.50 kW	13.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.53	2.10
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	0.00 kW	0.50 kW
Annual energy consumption Qhe	5720 kWh	8592 kWh

Domestic Hot Water (DHW)



EN 16147		
Declared load profile	XL	
Efficiency ηDHW	111 %	
СОР	2.70	
Heating up time	1:05 h:min	
Standby power input	36.0 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	286 I	



Model: EPGA14DV / EAVZ16S23D(6V/9W) + cooling kit

Configure model		
Model name	EPGA14DV / EAVZ16S23D(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	14.54 kW	15.84 kW	
El input	2.91 kW	5.17 kW	
СОР	4.99	3.06	

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

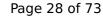
Cooling





EN 14511-2		
+7°C/+12°C		
El input	3.97 kW	
Cooling capacity	11.89	
EER	2.99	

EN 14825





This information was generated by the Hill RE	+7°C/+12°C
Pdesignc	12 kW
SEER	5.04
Pdc Tj = 35°C	11.89 kW
EER Tj = 35°C	2.99
Pdc Tj = 30°C	8.79 kW
EER Tj = 30°C	4.15
Cdc	1
Pdc Tj = 25°C	5.56 kW
EER Tj = 25°C	6.19
Cdc	1
Pdc Tj = 20°C	7.86 kW
EER Tj = 20°C	6.65
Cdc	1
Poff	21 W
РТО	41 W
PSB	21 W
PCK	o w
Annual energy consumption Qce	1429 kWh





EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	64 dB(A)	64 dB(A)

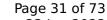
EN 14825		
	Low temperature	Medium temperature
η_{s}	178 %	132 %
Prated	13.00 kW	14.00 kW
SCOP	4.51	3.37
Tbiv	-10 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.10 kW	12.30 kW
COP Tj = -7°C	2.85	2.17
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	7.00 kW	8.10 kW
COP Tj = +2°C	4.24	3.18
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.50 kW	5.00 kW
COP Tj = +7°C	6.24	4.46
Cdh Tj = +7 °C	0.95	0.96





		·
Pdh Tj = 12°C	5.30 kW	5.20 kW
COP Tj = 12°C	8.12	5.94
Cdh Tj = +12 °C	0.94	0.95
Pdh Tj = Tbiv	12.50 kW	12.30 kW
COP Tj = Tbiv	2.53	2.17
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.50 kW	13.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.53	2.10
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	0.00 kW	0.50 kW
Annual energy consumption Qhe	5720 kWh	8592 kWh

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	XL	
Efficiency ηDHW	111 %	
СОР	2.70	
Heating up time	1:05 h:min	
Standby power input	36.0 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	286 I	



Model: EPGA14DV / EAVH16SU23D6V

Configure model		
Model name	EPGA14DV / EAVH16SU23D6V	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

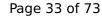
General Data		
Power supply 1x230V 50Hz		

Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	14.54 kW	15.84 kW	
El input	2.91 kW	5.17 kW	
СОР	4.99	3.06	

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

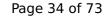
Cooling





EN 14511-2	
	+7°C/+12°C
El input	3.97 kW
Cooling capacity	11.89
EER	2.99

EN 14825





This information was generated by the Hill RE	+7°C/+12°C
Pdesignc	12 kW
SEER	5.04
Pdc Tj = 35°C	11.89 kW
EER Tj = 35°C	2.99
Pdc Tj = 30°C	8.79 kW
EER Tj = 30°C	4.15
Cdc	1
Pdc Tj = 25°C	5.56 kW
EER Tj = 25°C	6.19
Cdc	1
Pdc Tj = 20°C	7.86 kW
EER Tj = 20°C	6.65
Cdc	1
Poff	21 W
РТО	41 W
PSB	21 W
PCK	o w
Annual energy consumption Qce	1429 kWh





EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	64 dB(A)	64 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	175 %	130 %
Prated	13.00 kW	14.00 kW
SCOP	4.45	3.34
Tbiv	-10 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.10 kW	12.30 kW
COP Tj = -7°C	2.85	2.17
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	7.00 kW	8.10 kW
COP Tj = +2°C	4.24	3.18
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.50 kW	5.00 kW
COP Tj = +7°C	6.24	4.46
Cdh Tj = +7 °C	0.95	0.96





Pdh Tj = 12°C	5.30 kW	5.20 kW
COP Tj = 12°C	8.12	5.94
Cdh Tj = +12 °C	0.94	0.95
Pdh Tj = Tbiv	12.50 kW	12.30 kW
COP Tj = Tbiv	2.53	2.17
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.50 kW	13.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.53	2.10
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	0.00 kW	0.50 kW
Annual energy consumption Qhe	5797 kWh	8669 kWh

Domestic Hot Water (DHW)



EN 16147	
Declared load profile	XL
Efficiency ηDHW	111 %
СОР	2.70
Heating up time	1:05 h:min
Standby power input	36.0 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	286 I



Model: EPGA14DV7 / EAVH16S23D(6V/9W)7

Configure model		
Model name	EPGA14DV7 / EAVH16S23D(6V/9W)7	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

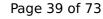
General Data		
Power supply 1x230V 50Hz		

Heating

EN 14511-2		
Low temperature Medium temperature		
Heat output	14.54 kW	15.84 kW
El input	2.91 kW	5.17 kW
СОР	4.99	3.06

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	3.97 kW
Cooling capacity	11.89
EER	2.99

EN 14825





This information was generated by the Hill RE	+7°C/+12°C
Pdesignc	12 kW
SEER	5.04
Pdc Tj = 35°C	11.89 kW
EER Tj = 35°C	2.99
Pdc Tj = 30°C	8.79 kW
EER Tj = 30°C	4.15
Cdc	1
Pdc Tj = 25°C	5.56 kW
EER Tj = 25°C	6.19
Cdc	1
Pdc Tj = 20°C	7.86 kW
EER Tj = 20°C	6.65
Cdc	1
Poff	21 W
РТО	41 W
PSB	21 W
PCK	o w
Annual energy consumption Qce	1429 kWh





EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	64 dB(A)	64 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	175 %	130 %
Prated	13.00 kW	14.00 kW
SCOP	4.45	3.34
Tbiv	-10 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.10 kW	12.30 kW
COP Tj = -7°C	2.85	2.17
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	7.00 kW	8.10 kW
COP Tj = +2°C	4.24	3.18
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.50 kW	5.00 kW
$COP Tj = +7^{\circ}C$	6.24	4.46
Cdh Tj = +7 °C	0.95	0.96

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





		·
Pdh Tj = 12°C	5.30 kW	5.20 kW
COP Tj = 12°C	8.12	5.94
Cdh Tj = +12 °C	0.94	0.95
Pdh Tj = Tbiv	12.50 kW	12.30 kW
COP Tj = Tbiv	2.53	2.17
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.50 kW	13.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.53	2.10
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	0.00 kW	0.50 kW
Annual energy consumption Qhe	5797 kWh	8669 kWh

Domestic Hot Water (DHW)



EN 16147	
Declared load profile	XL
Efficiency ηDHW	111 %
СОР	2.70
Heating up time	1:05 h:min
Standby power input	36.0 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	286 I



Model: EPGA14DV7 / EAVX16S23D(6V/9W)7

Configure model		
Model name	EPGA14DV7 / EAVX16S23D(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	14.54 kW	15.84 kW	
El input	2.91 kW	5.17 kW	
СОР	4.99	3.06	

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	3.97 kW
Cooling capacity	11.89
EER	2.99

EN 14825





This information was generated by the Hill RE	+7°C/+12°C
Pdesignc	12 kW
SEER	5.04
Pdc Tj = 35°C	11.89 kW
EER Tj = 35°C	2.99
Pdc Tj = 30°C	8.79 kW
EER Tj = 30°C	4.15
Cdc	1
Pdc Tj = 25°C	5.56 kW
EER Tj = 25°C	6.19
Cdc	1
Pdc Tj = 20°C	7.86 kW
EER Tj = 20°C	6.65
Cdc	1
Poff	21 W
РТО	41 W
PSB	21 W
PCK	o w
Annual energy consumption Qce	1429 kWh



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	64 dB(A)	64 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	178 %	132 %
Prated	13.00 kW	14.00 kW
SCOP	4.51	3.37
Tbiv	-10 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.10 kW	12.30 kW
COP Tj = -7°C	2.85	2.17
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	7.00 kW	8.10 kW
COP Tj = +2°C	4.24	3.18
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.50 kW	5.00 kW
COP Tj = +7°C	6.24	4.46
Cdh Tj = +7 °C	0.95	0.96

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





		· · · · · · · · · · · · · · · · · · ·
Pdh Tj = 12°C	5.30 kW	5.20 kW
COP Tj = 12°C	8.12	5.94
Cdh Tj = +12 °C	0.94	0.95
Pdh Tj = Tbiv	12.50 kW	12.30 kW
COP Tj = Tbiv	2.53	2.17
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.50 kW	13.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.53	2.10
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	0.00 kW	0.50 kW
Annual energy consumption Qhe	5720 kWh	8592 kWh

Domestic Hot Water (DHW)



EN 16147		
Declared load profile	XL	
Efficiency ηDHW	111 %	
СОР	2.70	
Heating up time	1:05 h:min	
Standby power input	36.0 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	286 I	



Model: EPGA14DV7 / EAVZ16S23D6V7

Configure model		
Model name	EPGA14DV7 / EAVZ16S23D6V7	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

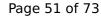
General Data			
Power supply 1x230V 50Hz			

Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	14.54 kW	15.84 kW	
El input	2.91 kW	5.17 kW	
СОР	4.99	3.06	

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

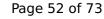
Cooling





EN 14511-2	
	+7°C/+12°C
El input	3.97 kW
Cooling capacity	11.89
EER	2.99

EN 14825





This information was generated by the Hill RE	+7°C/+12°C
Pdesignc	12 kW
SEER	5.04
Pdc Tj = 35°C	11.89 kW
EER Tj = 35°C	2.99
Pdc Tj = 30°C	8.79 kW
EER Tj = 30°C	4.15
Cdc	1
Pdc Tj = 25°C	5.56 kW
EER Tj = 25°C	6.19
Cdc	1
Pdc Tj = 20°C	7.86 kW
EER Tj = 20°C	6.65
Cdc	1
Poff	21 W
РТО	41 W
PSB	21 W
PCK	o w
Annual energy consumption Qce	1429 kWh

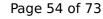




EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	64 dB(A)	64 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	175 %	130 %
Prated	13.00 kW	14.00 kW
SCOP	4.45	3.34
Tbiv	-10 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.10 kW	12.30 kW
COP Tj = -7°C	2.85	2.17
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	7.00 kW	8.10 kW
COP Tj = +2°C	4.24	3.18
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.50 kW	5.00 kW
COP Tj = +7°C	6.24	4.46
Cdh Tj = +7 °C	0.95	0.96

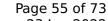
EHPA Secretariat | Rue dArlon 63-67 | Phone: +32 2 400 10 17 | Email: secretariat@heatpumpkeymark.com | www.heatpumpkeymark.com





This information was general	, , , , , , , , , , , , , , , , , , ,	
Pdh Tj = 12°C	5.30 kW	5.20 kW
COP Tj = 12°C	8.12	5.94
Cdh Tj = +12 °C	0.94	0.95
Pdh Tj = Tbiv	12.50 kW	12.30 kW
COP Tj = Tbiv	2.53	2.17
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.50 kW	13.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.53	2.10
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	0.00 kW	0.50 kW
Annual energy consumption Qhe	5797 kWh	8669 kWh

Domestic Hot Water (DHW)





EN 16147		
Declared load profile	XL	
Efficiency ηDHW	111 %	
СОР	2.70	
Heating up time	1:05 h:min	
Standby power input	36.0 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	286 I	

Model: EPGA14DV7 / EAVH16S23D(6V/9W)7 + cooling kit

Configure model		
Model name	EPGA14DV7 / EAVH16S23D(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	

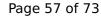
General Data		
Power supply 1x230V 50Hz		

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	14.54 kW	15.84 kW
El input	2.91 kW	5.17 kW
СОР	4.99	3.06

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

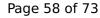
Cooling





EN 14511-2	
	+7°C/+12°C
El input	3.97 kW
Cooling capacity	11.89
EER	2.99

EN 14825





This information was generated by the Hill RE	+7°C/+12°C
Pdesignc	12 kW
SEER	5.04
Pdc Tj = 35°C	11.89 kW
EER Tj = 35°C	2.99
Pdc Tj = 30°C	8.79 kW
EER Tj = 30°C	4.15
Cdc	1
Pdc Tj = 25°C	5.56 kW
EER Tj = 25°C	6.19
Cdc	1
Pdc Tj = 20°C	7.86 kW
EER Tj = 20°C	6.65
Cdc	1
Poff	21 W
РТО	41 W
PSB	21 W
PCK	o w
Annual energy consumption Qce	1429 kWh





EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	64 dB(A)	64 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	178 %	132 %
Prated	13.00 kW	14.00 kW
SCOP	4.51	3.37
Tbiv	-10 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.10 kW	12.30 kW
COP Tj = -7°C	2.85	2.17
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	7.00 kW	8.10 kW
COP Tj = +2°C	4.24	3.18
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.50 kW	5.00 kW
COP Tj = +7°C	6.24	4.46
Cdh Tj = +7 °C	0.95	0.96

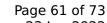
EHPA Secretariat | Rue dArlon 63-67 | Phone: +32 2 400 10 17 | Email: secretariat@heatpumpkeymark.com | www.heatpumpkeymark.com





Pdh Tj = 12°C	5.30 kW	5.20 kW
COP Tj = 12°C	8.12	5.94
Cdh Tj = +12 °C	0.94	0.95
Pdh Tj = Tbiv	12.50 kW	12.30 kW
COP Tj = Tbiv	2.53	2.17
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.50 kW	13.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.53	2.10
WTOL	35 °C	55 °C
Poff	21 W	21 W
РТО	41 W	41 W
PSB	21 W	21 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.50 kW
Annual energy consumption Qhe	5720 kWh	8592 kWh

Domestic Hot Water (DHW)





EN 16147	
Declared load profile	XL
Efficiency ηDHW	111 %
СОР	2.70
Heating up time	1:05 h:min
Standby power input	36.0 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	286



Model: EPGA14DV7 / EAVZ16S23D6V7 + cooling kit

Configure model		
Model name	EPGA14DV7 / EAVZ16S23D6V7 + 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	

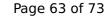
Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	14.54 kW	15.84 kW	
El input	2.91 kW	5.17 kW	
СОР	4.99	3.06	

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

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





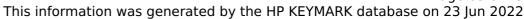
EN 14511-2		
+7°C/+12°C		
El input	3.97 kW	
Cooling capacity	11.89	
EER	2.99	

EN 14825





This information was generated by the Hill RE	+7°C/+12°C
Pdesignc	12 kW
SEER	5.04
Pdc Tj = 35°C	11.89 kW
EER Tj = 35°C	2.99
Pdc Tj = 30°C	8.79 kW
EER Tj = 30°C	4.15
Cdc	1
Pdc Tj = 25°C	5.56 kW
EER Tj = 25°C	6.19
Cdc	1
Pdc Tj = 20°C	7.86 kW
EER Tj = 20°C	6.65
Cdc	1
Poff	21 W
РТО	41 W
PSB	21 W
PCK	o w
Annual energy consumption Qce	1429 kWh





EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	64 dB(A)	64 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	178 %	132 %
Prated	13.00 kW	14.00 kW
SCOP	4.51	3.37
Tbiv	-10 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.10 kW	12.30 kW
COP Tj = -7°C	2.85	2.17
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	7.00 kW	8.10 kW
COP Tj = +2°C	4.24	3.18
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.50 kW	5.00 kW
COP Tj = +7°C	6.24	4.46
Cdh Tj = +7 °C	0.95	0.96

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





		· · · · · · · · · · · · · · · · · · ·
Pdh Tj = 12°C	5.30 kW	5.20 kW
COP Tj = 12°C	8.12	5.94
Cdh Tj = +12 °C	0.94	0.95
Pdh Tj = Tbiv	12.50 kW	12.30 kW
COP Tj = Tbiv	2.53	2.17
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.50 kW	13.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.53	2.10
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	0.00 kW	0.50 kW
Annual energy consumption Qhe	5720 kWh	8592 kWh

Domestic Hot Water (DHW)



EN 16147		
Declared load profile	XL	
Efficiency ηDHW	111 %	
СОР	2.70	
Heating up time	1:05 h:min	
Standby power input	36.0 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	286 I	



Model: EPGA14DV7 / EAVH16SU23D6V7

Configure model		
Model name	EPGA14DV7 / EAVH16SU23D6V7	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

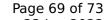
General Data		
Power supply 1x230V 50Hz		

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	14.54 kW	15.84 kW
El input	2.91 kW	5.17 kW
СОР	4.99	3.06

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

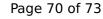
Cooling





EN 14511-2	
	+7°C/+12°C
El input	3.97 kW
Cooling capacity	11.89
EER	2.99

EN 14825





This information was generated by the Hill RE	+7°C/+12°C
Pdesignc	12 kW
SEER	5.04
Pdc Tj = 35°C	11.89 kW
EER Tj = 35°C	2.99
Pdc Tj = 30°C	8.79 kW
EER Tj = 30°C	4.15
Cdc	1
Pdc Tj = 25°C	5.56 kW
EER Tj = 25°C	6.19
Cdc	1
Pdc Tj = 20°C	7.86 kW
EER Tj = 20°C	6.65
Cdc	1
Poff	21 W
РТО	41 W
PSB	21 W
PCK	o w
Annual energy consumption Qce	1429 kWh

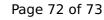




EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	64 dB(A)	64 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	175 %	130 %
Prated	13.00 kW	14.00 kW
SCOP	4.45	3.34
Tbiv	-10 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.10 kW	12.30 kW
COP Tj = -7°C	2.85	2.17
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	7.00 kW	8.10 kW
COP Tj = +2°C	4.24	3.18
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	4.50 kW	5.00 kW
$COP Tj = +7^{\circ}C$	6.24	4.46
Cdh Tj = +7 °C	0.95	0.96
	·	

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





		· · · · · · · · · · · · · · · · · · ·
Pdh Tj = 12°C	5.30 kW	5.20 kW
COP Tj = 12°C	8.12	5.94
Cdh Tj = +12 °C	0.94	0.95
Pdh Tj = Tbiv	12.50 kW	12.30 kW
COP Tj = Tbiv	2.53	2.17
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.50 kW	13.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.53	2.10
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	0.00 kW	0.50 kW
Annual energy consumption Qhe	5797 kWh	8669 kWh

Domestic Hot Water (DHW)



EN 16147	
Declared load profile	XL
Efficiency ηDHW	111 %
СОР	2.70
Heating up time	1:05 h:min
Standby power input	36.0 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	286 I