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Summary of	HPG-I 04/06/08 (D)(C)S Premium	Reg. No.	011-1W0473
Certificate Holder			
Name	STIEBEL ELTRON GmbH & Co KG		
Address	Dr. Stiebel Straße 33	Zip	37603
City	Holzminden	Country	Germany
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH		
Subtype title	HPG-I 04/06/08 (D)(C)S Premium		
Heat Pump Type	Brine/Water		
Refrigerant	R454C		
Mass of Refrigerant	2.2 kg		
Certification Date	26.08.2021		
Testing basis	European KEYMARK Scheme for Heat Pumps Rev. 8 (as of 2020-09)		



Model: HPG-I 04 (D)(C)S Premium

Configure model		
Model name	HPG-I 04 (D)(C)S Premium	
Application	Heating (medium temp)	
Units	Indoor	
Climate Zone	Colder Climate + Warmer Climate	
Reversibility	No	
Cooling mode application (optional)	n/a	

General Data		
Power supply	3x400V 50Hz	

Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	1.96 kW	1.26 kW	
El input	0.43 kW	0.47 kW	
СОР	4.60	2.73	

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

Warmer Climate





EN 12102-1		
Low temperature Medium temperature		
Sound power level indoor	38 dB(A)	38 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	187 %	147 %
Prated	4.23 kW	3.76 kW
SCOP	4.87	3.87
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	4.23 kW	3.76 kW
COP Tj = +2°C	4.86	3.43
Cdh Tj = +2 °C	0.90	0.90
Pdh Tj = +7°C	2.71 kW	2.41 kW
COP Tj = +7°C	5.24	3.95
Cdh Tj = +7 °C	0.90	0.90
Pdh Tj = 12°C	1.20 kW	1.08 kW
COP Tj = 12°C	5.31	4.39
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	4.23 kW	3.76 kW





4.86	3.43
4.23 kW	3.76 kW
4.86	3.43
75 °C	75 °C
16 W	16 W
16 W	16 W
16 W	16 W
0 W	0 W
Electricity	Electricity
0.00 kW	0.00 kW
1159 kWh	1300 kWh
	4.23 kW 4.86 75 °C 16 W 16 W 0 W Electricity 0.00 kW

Colder Climate

EN 12102-1		
Low temperature Medium temperature		
Sound power level indoor	38 dB(A)	38 dB(A)

EN 14825		
Low temperature Medium temperature		
η_{s}	201 %	157 %
Prated	4.23 kW	3.76 kW





5.21	// 1
	4.12
-22 °C	-22 °C
-22 °C	-22 °C
2.55 kW	2.27 kW
5.37	4.10
0.90	0.90
1.55 kW	1.38 kW
5.45	4.37
0.90	0.90
1.13 kW	1.09 kW
5.31	4.51
0.90	0.90
1.12 kW	1.09 kW
5.21	4.52
0.90	0.90
4.23 kW	3.76 kW
4.86	3.43
4.23 kW	3.76 kW
4.86	3.43
75 °C	75 °C
16 W	16 W
	-22 °C 2.55 kW 5.37 0.90 1.55 kW 5.45 0.90 1.13 kW 5.31 0.90 1.12 kW 5.21 0.90 4.23 kW 4.86 4.23 kW 4.86

Electricity

0.00 kW

2252 kWh



PTO

PSB

PCK

This information was generated by the HP KEYMARK database on 23 Jun 2022 16 W 16 W 16 W 0 W

Electricity

0.00 kW

2000 kWh

Average Climate

Supplementary Heater: PSUP

Annual energy consumption Qhe

Supplementary Heater: Type of energy input

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	38 dB(A)	38 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	195 %	153 %
Prated	4.23 kW	3.76 kW
SCOP	5.07	4.02
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	3.73 kW	3.32 kW
COP Tj = -7°C	5.01	3.58





Cdh Tj = -7 °C	0.90	0.90
Pdh Tj = +2°C	2.26 kW	2.02 kW
COP Tj = +2°C	5.38	4.22
Cdh Tj = +2 °C	0.90	0.90
Pdh Tj = $+7^{\circ}$ C	1.45 kW	1.30 kW
$COP Tj = +7^{\circ}C$	5.34	4.47
Cdh Tj = +7 °C	0.90	0.90
Pdh Tj = 12°C	1.13 kW	1.08 kW
COP Tj = 12°C	5.32	4.49
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	4.23 kW	3.76 kW
COP Tj = Tbiv	4.86	3.43
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.23 kW	3.76 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.86	3.43
WTOL	75 °C	75 °C
Poff	16 W	16 W
РТО	16 W	16 W
PSB	16 W	16 W
РСК	0 W	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW



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Model: HPG-I 06 (D)(C)S Premium

Configure model		
Model name HPG-I 06 (D)(C)S Premium		
Application	Heating (medium temp)	
Units	Indoor	
Climate Zone	Colder Climate + Warmer Climate	
Reversibility	No	
Cooling mode application (optional)	n/a	

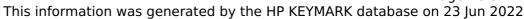
General Data		
Power supply	n/a	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	2.37 kW	2.01 kW
El input	0.52 kW	0.69 kW
СОР	4.60	2.91

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

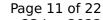
Warmer Climate





EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)

EN 14825				
Low temperature Medium ter				
η_{s}	198 %	158 %		
Prated	6.70 kW	6.05 kW		
SCOP	5.14	4.14		
Tbiv	2 °C	2 °C		
TOL	2 °C	2 °C		
Pdh Tj = +2°C	6.70 kW	6.05 kW		
COP Tj = +2°C	4.52	3.34		
Cdh Tj = +2 °C	0.90	0.90		
Pdh Tj = +7°C	4.29 kW	3.88 kW		
COP Tj = +7°C	5.19	3.97		
Cdh Tj = +7 °C	0.90	0.90		
Pdh Tj = 12°C	1.90 kW	1.72 kW		
COP Tj = 12°C	5.71	4.81		
Cdh Tj = +12 °C	0.90	0.90		
Pdh Tj = Tbiv	6.70 kW	6.05 kW		



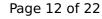


COP Tj = Tbiv	4.52	3.34
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.70 kW	6.05 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.52	3.34
WTOL	75 °C	75 °C
Poff	16 W	16 W
РТО	16 W	16 W
PSB	16 W	16 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	1741 kWh	1954 kWh

Colder Climate

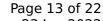
EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)

EN 14825		
Low temperature	Medium temperature	
207 %	166 %	
6.70 kW	6.05 kW	
	Low temperature 207 %	





SCOP	5.38	4.34
Tbiv	-22 °C	-22 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	4.04 kW	3.65 kW
$COP Tj = -7^{\circ}C$	5.36	4.15
Cdh Tj = -7 °C	0.90	0.90
Pdh Tj = +2°C	2.45 kW	2.22 kW
COP Tj = +2°C	5.64	4.68
Cdh Tj = +2 °C	0.90	0.90
Pdh Tj = +7°C	1.57 kW	1.42 kW
$COPTj = +7^{\circ}C$	5.76	4.80
Cdh Tj = +7 °C	0.90	0.90
Pdh Tj = 12°C	1.13 kW	1.10 kW
COP Tj = 12°C	5.32	4.73
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	6.70 kW	6.05 kW
COP Tj = Tbiv	4.52	3.34
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.70 kW	6.05 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.52	3.34
WTOL	75 °C	75 °C
Poff	16 W	16 W





РТО	16 W	16 W
PSB	16 W	16 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	3069 kWh	3439 kWh

Average Climate

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)

EN 14825		
Low temperature		Medium temperature
η_{s}	200 %	160 %
Prated	6.70 kW	6.05 kW
SCOP	5.20	4.18
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.91 kW	5.34 kW
$COP Tj = -7^{\circ}C$	4.71	3.55





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Cdh Tj = -7 °C	0.90	0.90
Pdh Tj = +2°C	3.59 kW	3.25 kW
COP Tj = +2°C	5.39	4.27
Cdh Tj = +2 °C	0.90	0.90
Pdh Tj = +7°C	2.30 kW	2.09 kW
$COP Tj = +7^{\circ}C$	5.60	4.76
Cdh Tj = +7 °C	0.90	0.90
Pdh Tj = 12°C	1.14 kW	1.08 kW
COP Tj = 12°C	5.47	4.61
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	6.70 kW	6.05 kW
COP Tj = Tbiv	4.52	3.34
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.70 kW	6.05 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.52	3.34
WTOL	75 °C	75 °C
Poff	16 W	16 W
РТО	16 W	16 W
PSB	16 W	16 W
РСК	0 W	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
	+	•



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Annual energy consumption Qhe	2662 kWh	2988 kWh



Model: HPG-I 08 (D)(C)S Premium

Configure model	
Model name	HPG-I 08 (D)(C)S Premium
Application	Heating (medium temp)
Units	Indoor
Climate Zone	Colder Climate + Warmer Climate
Reversibility	No
Cooling mode application (optional)	n/a

General Data	
Power supply	n/a

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	2.78 kW	2.42 kW
El input	0.60 kW	0.79 kW
СОР	4.67	3.07

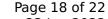
EN 14511-4	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

Warmer Climate



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	40 dB(A)	40 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	197 %	157 %
Prated	7.66 kW	6.93 kW
SCOP	5.13	4.13
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	7.66 kW	6.93 kW
COP Tj = +2°C	4.29	3.22
Cdh Tj = +2 °C	0.90	0.90
Pdh Tj = +7°C	4.91 kW	4.45 kW
COP Tj = +7°C	5.09	3.88
Cdh Tj = +7 °C	0.90	0.90
Pdh Tj = 12°C	2.17 kW	1.97 kW
COP Tj = 12°C	5.75	4.85
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	7.66 kW	6.93 kW





This information was generated by the HP KEYMARK database on 23 Jun 2022 COP Tj = Tbiv4.29 3.22 Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh 7.66 kW 6.93 kW COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh 4.29 3.22 WTOL 75 °C 75 °C Poff 16 W 16 W PTO 16 W 16 W 16 W 16 W **PSB PCK** 0 W 0 W Supplementary Heater: Type of energy input Electricity Electricity Supplementary Heater: PSUP 0.00 kW 0.00 kW

Colder Climate

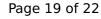
Annual energy consumption Qhe

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	40 dB(A)	40 dB(A)

1997 kWh

2243 kWh

EN 14825		
Low temperature	Medium temperature	
204 %	163 %	
7.66 kW	6.93 kW	
	Low temperature 204 %	





SCOP	5.29	4.29
Tbiv	-22 °C	-22 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	4.62 kW	4.18 kW
COP Tj = -7°C	5.17	4.07
Cdh Tj = -7 °C	0.90	0.90
Pdh Tj = +2°C	2.81 kW	2.54 kW
COP Tj = +2°C	5.60	4.60
Cdh Tj = +2 °C	0.90	0.90
Pdh Tj = +7°C	1.80 kW	1.63 kW
COP Tj = +7°C	5.76	4.90
Cdh Tj = +7 °C	0.90	0.90
Pdh Tj = 12°C	1.13 kW	1.09 kW
COP Tj = 12°C	5.34	4.75
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	7.66 kW	6.93 kW
COP Tj = Tbiv	4.29	3.22
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.66 kW	6.93 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.29	3.22
WTOL	75 °C	75 °C
Poff	16 W	16 W

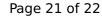


РТО	16 W	16 W
PSB	16 W	16 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	3570 kWh	3985 kWh

Average Climate

EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	40 dB(A)	40 dB(A)	

EN 14825		
	Low temperature	Medium temperature
η_{s}	197 %	158 %
Prated	7.66 kW	6.93 kW
SCOP	5.12	4.14
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.76 kW	6.12 kW
COP Tj = -7°C	4.53	3.44





Cdh Tj = -7 °C	0.90	0.90
Pdh Tj = $+2$ °C	4.11 kW	3.72 kW
COP Tj = +2°C	5.25	4.21
Cdh Tj = $+2$ °C	0.90	0.90
Pdh Tj = $+7^{\circ}$ C	2.64 kW	2.39 kW
$COPTj = +7^{\circ}C$	5.59	4.69
Cdh Tj = +7 °C	0.90	0.90
Pdh Tj = 12°C	1.16 kW	1.08 kW
COP Tj = 12°C	5.52	4.61
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	7.66 kW	6.93 kW
COP Tj = Tbiv	4.29	3.22
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.66 kW	6.93 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.29	3.22
WTOL	75 °C	75 °C
Poff	16 W	16 W
РТО	16 W	16 W
PSB	16 W	16 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW



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Annual energy consumption Qhe	3094 kWh	3461 kWh