

This information was generated by the HP KEYMARK database on 17 Dec 2020

Summary of	WPL 07 ACS classic	Reg. No.	011-1W0060
Certificate Holder			
Name	STIEBEL ELTRON GmbH & Co KG		
Address	Dr. Stiebel Straße 33	Zip	37603
City	Holzminde	Country	Germany
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH		
Name of testing laboratory	VDE Prüf- und Zertifizierungsinstitut GmbH		
Subtype title	WPL 07 ACS classic		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R410a		
Mass Of Refrigerant	1.1 kg		
Certification Date	19.01.2017		

Model: WPL 07 ACS classic + HSBB 200 classic, HSBB 200 S classic

General Data

Power supply	1x230V 50Hz
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Average Climate

EN 14825

	Low temperature	Medium temperature
η_s	166 %	113 %
Prated	4.00 kW	3.00 kW
SCOP	4.15	2.85
Tbiv	-7 °C	-5 °C
TOL	-10 °C	-7 °C
Pdh Tj = -7°C	3.20 kW	3.05 kW
COP Tj = -7°C	2.88	2.07
Pdh Tj = +2°C	1.95 kW	1.58 kW
COP Tj = +2°C	4.11	2.93
Pdh Tj = +7°C	1.63 kW	1.25 kW
COP Tj = +7°C	6.06	4.13
Pdh Tj = 12°C	1.80 kW	1.54 kW
COP Tj = 12°C	8.14	5.97
Pdh Tj = Tbiv	3.20 kW	2.37 kW

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COP $T_j = T_{biv}$	2.88	2.17
P _{dh} $T_j = TOL$	3.05 kW	3.05 kW
COP $T_j = TOL$	2.07	2.07
Rated airflow rate	0 m³/h	0 m³/h
C _{dh}	0.90	0.90
WTOL	60 °C	60 °C
P _{off}	17 W	17 W
PTO	30 W	30 W
PSB	17 W	17 W
PCK	5 W	5 W
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	0.47 kW	2.93 kW
Annual energy consumption Q _{he}	1769 kWh	2089 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	33 dB(A)	33 dB(A)
Sound power level outdoor	52 dB(A)	52 dB(A)

Heating

EN 14511-4	
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed

EN 14511-2		
	Low temperature	Medium temperature
Heat output	2.27 kW	1.92 kW
El input	0.50 kW	0.74 kW
COP	4.54	2.59
Indoor water flow rate	0.40 m ³ /h	0.67 m ³ /h

Warmer Climate

Colder Climate

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 16147	
Mixed water at 40°C	245 l
Declared load profile	L
Efficiency η_{DHW}	113 %
COP	2.70
Heating up time	1:50 h:min
Standby power input	35.0 W
Reference hot water temperature	52.5 °C

Warmer Climate

EN 16147	
Declared load profile	XL
Efficiency η_{DHW}	104 %
COP	1.00
Heating up time	2:52 h:min
Standby power input	42.1 W
Reference hot water temperature	52.9 °C
Mixed water at 40°C	245 l

Colder Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 16147	
Declared load profile	XL
Efficiency η_{DHW}	104 %
COP	1.00
Heating up time	2:52 h:min
Standby power input	42.1 W
Reference hot water temperature	52.9 °C
Mixed water at 40°C	245 l

Model: WPL 07 ACS classic

General Data

Power supply	1x230V 50Hz
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Average Climate

EN 12102-1

	Low temperature
Sound power level indoor	0 dB(A)
Sound power level outdoor	52 dB(A)

EN 14825

	Low temperature
η_s	166 %
Prated	4.00 kW
SCOP	4.15
Tbiv	-7 °C
TOL	-10 °C
Pdh Tj = -7°C	3.20 kW
COP Tj = -7°C	2.88
Pdh Tj = +2°C	1.95 kW
COP Tj = +2°C	4.11
Pdh Tj = +7°C	1.63 kW

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COP Tj = +7°C	6.06
Pdh Tj = 12°C	1.80 kW
COP Tj = 12°C	8.14
Pdh Tj = Tbiv	3.20 kW
COP Tj = Tbiv	2.88
Pdh Tj = TOL	3.05 kW
COP Tj = TOL	2.07
Rated airflow rate	0 m³/h
Cdh	0.90
WTOL	60 °C
Poff	17 W
PTO	30 W
PSB	17 W
PCK	5 W
Supplementary Heater: Type of energy input	electricity
Supplementary Heater: PSUP	0.47 kW
Annual energy consumption Qhe	1769 kWh

Warmer Climate

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EN 12102-1

	Low temperature
Sound power level indoor	0 dB(A)
Sound power level outdoor	52 dB(A)

EN 14825

	Low temperature
η_s	204 %
Prated	3.00 kW
SCOP	4.99
Tbiv	2 °C
TOL	2 °C
Pdh Tj = -7°C	0.00 kW
COP Tj = -7°C	0.00
Pdh Tj = +2°C	3.04 kW
COP Tj = +2°C	3.53
Pdh Tj = +7°C	1.95 kW
COP Tj = +7°C	6.06
Pdh Tj = 12°C	1.69 kW
COP Tj = 12°C	7.72
Pdh Tj = Tbiv	3.04 kW

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COP Tj = Tbiv	3.53
Pdh Tj = TOL	3.04 kW
COP Tj = TOL	3.53
Rated airflow rate	0 m³/h
Cdh	0.90
WTOL	60 °C
Poff	17 W
PTO	30 W
PSB	17 W
PCK	5 W
Supplementary Heater: Type of energy input	electricity
Supplementary Heater: PSUP	0.00 kW
Annual energy consumption Qhe	783 kWh

Colder Climate

EN 12102-1	
	Low temperature
Sound power level indoor	0 dB(A)
Sound power level outdoor	52 dB(A)

EN 14825	
	Low temperature

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η_s	150 %
Prated	3.00 kW
SCOP	3.72
Tbiv	-15 °C
TOL	-20 °C
Pdh Tj = -7°C	2.05 kW
COP Tj = -7°C	3.20
Pdh Tj = +2°C	1.25 kW
COP Tj = +2°C	4.55
Pdh Tj = +7°C	1.42 kW
COP Tj = +7°C	6.34
Pdh Tj = 12°C	1.76 kW
COP Tj = 12°C	8.00
Pdh Tj = Tbiv	2.76 kW
COP Tj = Tbiv	2.56
Pdh Tj = TOL	2.76 kW
COP Tj = TOL	2.56
Rated airflow rate	0 m³/h
Cdh	0.90
WTOL	60 °C

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Poff	17 W
PTO	30 W
PSB	17 W
PCK	5 W
Supplementary Heater: Type of energy input	electricity
Supplementary Heater: PSUP	0.69 kW
Annual energy consumption Q _{he}	2186 kWh

Heating

EN 14511-4	
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed

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EN 14511-2	
	Low temperature
Heat output	2.27 kW
El input	0.50 kW
COP	4.54
Indoor water flow rate	0.40 m ³ /h

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Reference hot water temperature	52.5 °C

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Efficiency η_{DHW}	104 %
COP	1.00
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