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Login

Summary of	WPL 07 ACS classic	Reg. No.	011-1W0060		
Certificate Holder					
Name	STIEBEL ELTRON GmbH & Co KG				
Address	Dr. Stiebel Straße 33	Dr. Stiebel Straße 33 Zip 37603			
City	Holzminden	Country	Germany		
Certification Body	DIN CERTCO Gesellschaft für	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH			
Subtype title	WPL 07 ACS classic	WPL 07 ACS classic			
Heat Pump Type	Outdoor Air/Water	Outdoor Air/Water			
Refrigerant	R410A	R410A			
Mass of Refrigerant	1.1 kg	1.1 kg			
Certification Date	19.01.2017				



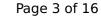
Model: WPL 07 ACS classic + HSBB 200 classic, HSBB 200 S classic

Configure model		
Model name	WPL 07 ACS classic + HSBB 200 classic, HSBB 200 S classic	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility Yes		
Cooling mode application (optional) n/a		

General Data	
Power supply	1x230V 50Hz

Average Climate

EN 14825		
	Low temperature	Medium temperature
η_{s}	166 %	116 %
Prated	3.62 kW	3.83 kW
SCOP	4.22	2.96
Tbiv	-7 °C	-5 °C
TOL	-10 °C	-7 °C
Pdh Tj = -7°C	3.20 kW	2.79 kW
COP Tj = -7°C	2.88	2.01
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	1.95 kW	2.01 kW
COP Tj = +2°C	4.11	2.94
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		TR database on 10 Mai 2022
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	1.59 kW	1.25 kW
COP Tj = +7°C	5.81	4.13
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	1.66 kW	1.54 kW
COP Tj = 12°C	6.34	5.13
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	3.20 kW	3.09 kW
COP Tj = Tbiv	2.88	2.20
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	3.04 kW	2.79 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.51	2.01
Rated airflow rate	0 m³/h	0 m³/h
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	60 °C	60 °C
Poff	17 W	17 W
РТО	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	0.58 kW	3.83 kW
Annual energy consumption Qhe	1771 kWh	2672 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)

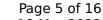
Heating

EN 14511-4	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating 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
СОР	4.54	2.59

Domestic Hot Water (DHW)

Average Climate





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



Model: WPL 07 ACS classic

Configure model		
Model name	WPL 07 ACS classic	
Application	Heating (low temp)	
Units	Outdoor	
Climate Zone	Colder Climate + Warmer Climate	
Reversibility	Yes	
Cooling mode application (optional)	n/a	

General Data		
Power supply	1x230V 50Hz	

Average Climate

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

	Low temperature
ls	166 %
Prated	3.62 kW
SCOP	4.22
biv	-7 °C
OL	-10 °C
Pdh Tj = -7°C	3.20 kW





This information was generated by the HF KETM	ANN database on 10 Mai 2022
COP Tj = -7°C	2.88
Cdh Tj = -7 °C	0.900
Pdh Tj = +2°C	1.95 kW
COP Tj = +2°C	4.11
Cdh Tj = +2 °C	0.900
Pdh Tj = +7°C	1.59 kW
$COPTj = +7^{\circ}C$	5.81
Cdh Tj = +7 °C	0.900
Pdh Tj = 12°C	1.66 kW
COP Tj = 12°C	6.34
Cdh Tj = +12 °C	0.900
Pdh Tj = Tbiv	3.20 kW
COP Tj = Tbiv	2.88
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	3.05 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.07
Rated airflow rate	0 m³/h
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900
WTOL	60 °C
Poff	17 W
РТО	30 W
PSB	17 W





PCK	5 W
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	0.58 kW
Annual energy consumption Qhe	1771 kWh

Warmer Climate

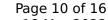
EN 12102-1	
	Low temperature
Sound power level indoor	0 dB(A)
Sound power level outdoor	52 dB(A)

EN 14825	
	Low temperature
η_{S}	200 %
Prated	3.00 kW
SCOP	5.07
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





$COP Tj = +2^{\circ}C$	3.39
Cdh Tj = +2 °C	0.900
Pdh Tj = +7°C	1.95 kW
$COP Tj = +7^{\circ}C$	5.18
Cdh Tj = +7 °C	0.900
Pdh Tj = 12°C	1.63 kW
COP Tj = 12°C	6.14
Cdh Tj = +12 °C	0.900
Pdh Tj = Tbiv	3.04 kW
COP Tj = Tbiv	3.39
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	3.04 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.39
Rated airflow rate	0 m³/h
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900
WTOL	60 °C
Poff	17 W
РТО	30 W
PSB	17 W
PCK	5 W
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	0.00 kW



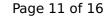


Annual energy consumption Qhe	791 kWh
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Colder Climate

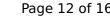
EN 12102-1	
	Low temperature
Sound power level indoor	0 dB(A)
Sound power level outdoor	52 dB(A)

EN 14825	
	Low temperature
η_{s}	148 %
Prated	3.38 kW
SCOP	3.77
Tbiv	-15 °C
TOL	-20 °C
Pdh Tj = -7°C	2.05 kW
COP Tj = -7°C	3.20
Cdh Tj = -7 °C	0.900
Pdh Tj = +2°C	1.25 kW
COP Tj = +2°C	4.55
Cdh Tj = +2 °C	0.900





Pdh Tj = $+7^{\circ}$ C	1.39 kW
COP Tj = +7°C	6.03
Cdh Tj = $+7$ °C	0.900
Pdh Tj = 12°C	1.64 kW
COP Tj = 12°C	6.22
Cdh Tj = +12 °C	0.900
Pdh Tj = Tbiv	2.76 kW
COP Tj = Tbiv	2.56
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	2.33 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.13
Rated airflow rate	0 m³/h
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900
WTOL	60 °C
Poff	17 W
РТО	30 W
PSB	17 W
PCK	5 W
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	3.38 kW
Annual energy consumption Qhe	2208 kWh
Pdh Tj = -15°C (if TOL<-20°C)	





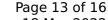
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COP Tj = -15°C (if TOL<-20°C)	
Cdh Tj = -15 °C	

Heating

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

EN 14511-2		
	Low temperature	
Heat output	2.27 kW	
El input	0.50 kW	
СОР	4.54	





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

Configure model		
Model name	WPL 07 ACS classic + HSBC 200 classic, HSBC 200 S classic	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	n/a	

General Data		
Power supply 1x230V 50Hz		

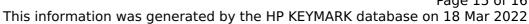
Average Climate

EN 14825		
	Low temperature	Medium temperature
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Prated	3.62 kW	3.83 kW
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TOL	-10 °C	-7 °C
Pdh Tj = -7°C	3.20 kW	2.79 kW
COP Tj = -7°C	2.88	2.01
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	1.95 kW	2.01 kW
COP Tj = +2°C	4.11	2.94



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		TR database on 10 Mai 2022
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	1.59 kW	1.25 kW
COP Tj = +7°C	5.81	4.13
Cdh Tj = +7 °C	0.900	0.900
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Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	3.20 kW	3.09 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.88	2.20
Rated airflow rate	0 m³/h	0 m³/h
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	60 °C	60 °C
Poff	17 W	17 W
РТО	30 W	30 W
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PCK	5 W	5 W
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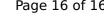
Heating

EN 14511-4		
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Complete power supply failure	passed	
Defrost test	passed	
Starting and operating 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
СОР	4.54	2.59

Domestic Hot Water (DHW)

Average Climate





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