

Page 1 of 7

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Login

Summary of	WPF 66	Reg. No.	011-1W0278	
Certificate Holder		<u> </u>		
Name	STIEBEL ELTRON GmbH & Co	STIEBEL ELTRON GmbH & Co KG		
Address	Dr. Stiebel Straße 33	Zip	37603	
City	Holzminden	Country	Germany	
Certification Body	DIN CERTCO Gesellschaft für l	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH		
Subtype title	WPF 66	WPF 66		
Heat Pump Type	Brine/Water	Brine/Water		
Refrigerant	R410A	R410A		
Mass of Refrigerant	14.5 kg	14.5 kg		
Certification Date	24.01.2019			



Model: WPF 66

Configure model		
Model name	WPF 66	
Application	Heating (medium temp)	
Units	Indoor + Outdoor	
Climate Zone	Colder Climate + Warmer Climate	
Reversibility	No	
Cooling mode application (optional)	n/a	

General Data		
Power supply	3x400V 50Hz	

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	67.10 kW	62.30 kW	
El input	14.23 kW	21.60 kW	
СОР	4.56	2.82	

Average Climate



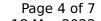


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EN 14825

	Low temperature	Medium temperature
η_{s}	190 %	131 %
Prated	67.00 kW	62.00 kW
SCOP	4.95	3.48
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	67.20 kW	62.80 kW
$COP Tj = -7^{\circ}C$	4.62	2.94
Pdh Tj = $+2$ °C	67.70 kW	64.50 kW
$COP Tj = +2^{\circ}C$	4.93	3.44
Pdh Tj = $+7^{\circ}$ C	68.20 kW	65.50 kW
$COPTj = +7^{\circ}C$	5.25	3.82
Pdh Tj = 12°C	68.70 kW	66.50 kW
COP Tj = 12°C	5.61	4.28
Pdh Tj = Tbiv	67.10 kW	62.30 kW
COP Tj = Tbiv	4.56	2.82
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL $<$ Tdesignh	67.10 kW	62.30 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.56	2.82
Cdh Tj = TOL or Pdh Tj = Tdesignh if $TOL < Tdesignh$	0.90	0.90
WTOL	60 °C	60 °C

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Poff	o w	o w
РТО	7 W	7 W
PSB	7 W	7 W
РСК	99 W	99 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	28022 kWh	37120 kWh

EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	63 dB(A)	63 dB(A)	
Sound power level outdoor	63 dB(A)	63 dB(A)	

Warmer Climate

EN 14825		
	Low temperature	Medium temperature
η_{s}	190 %	130 %
Prated	67.00 kW	62.00 kW
SCOP	4.95	3.45
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C

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Page 5 of 7 This information was generated by the HP KEYMARK database on 18 Mar 2022

This information was genera	ted by the fill RETI-IA	tit database on 10 Mai 202
Pdh Tj = +2°C	67.10 kW	62.30 kW
COP Tj = +2°C	4.56	2.82
Pdh Tj = +7°C	67.60 kW	63.70 kW
$COP Tj = +7^{\circ}C$	4.86	3.20
Pdh Tj = 12°C	68.40 kW	65.90 kW
COP Tj = 12°C	5.37	3.96
Pdh Tj = Tbiv	67.10 kW	62.30 kW
COP Tj = Tbiv	4.56	2.82
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	67.10 kW	62.30 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.56	2.82
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90	0.90
WTOL	60 °C	60 °C
Poff	o w	0 W
РТО	7 W	7 W
PSB	7 W	7 W
PCK	99 W	99 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	18119 kWh	24059 kWh

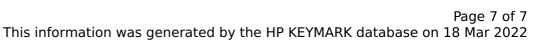


EN 12102-1				
	Low temperature	Medium temperature		
Sound power level indoor	63 dB(A)	63 dB(A)		
Sound power level outdoor	63 dB(A)	63 dB(A)		

Colder Climate

EN 14825		
	Low temperature	Medium temperature
η_{s}	197 %	136 %
Prated	83.00 kW	78.00 kW
SCOP	5.13	3.60
Tbiv	-15 °C	-15 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	68.00 kW	64.40 kW
COP Tj = -7°C	5.09	3.42
Pdh Tj = +2°C	68.30 kW	65.50 kW
COP Tj = +2°C	5.34	3.81
Pdh Tj = +7°C	68.60 kW	66.30 kW
COP Tj = +7°C	5.55	4.18
Pdh Tj = 12°C	68.70 kW	67.00 kW
COP Tj = 12°C	5.58	4.49

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Pdh Tj = Tbiv	67.80 kW	63.70 kW
COP Tj = Tbiv	4.99	3.21
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	67.10 kW	62.30 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.56	2.82
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90	0.90
WTOL	60 °C	60 °C
Poff	o w	o w
РТО	7 W	7 W
PSB	7 W	7 W
PCK	99 W	99 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	16.03 kW	15.83 kW
Annual energy consumption Qhe	39996 kWh	53447 kWh

EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	63 dB(A)	63 dB(A)	
Sound power level outdoor	63 dB(A)	63 dB(A)	