

Login

Summary of	WPF 05, WPF 05 cool, WPC 05, WPC 05 cool	Reg. No.	011-1W0009
Certificate Holder			
Name	e 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	WPF 05, WPF 05 cool, WPC 05, WPC 05 cool		
Heat Pump Type	Brine/Water		
Refrigerant	R410A		
Mass of Refrigerant	1.4 kg		
Certification Date	23.08.2016		



Model: WPF 05, average climates

Configure model		
Model name	WPF 05, average climates	
Application	Heating (medium temp)	
Units	Indoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

General Data		
Power supply 3x400V 50Hz		

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	
Defrost test	passed

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.82 kW	5.19 kW
El input	1.21 kW	1.85 kW
СОР	4.80	2.81

Average Climate



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	46 dB(A)	46 dB(A)
Sound power level outdoor	0 dB(A)	0 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	205 %	134 %
Prated	6.00 kW	5.00 kW
SCOP	5.32	3.55
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.80 kW	5.30 kW
COP Tj = -7°C	4.87	2.94
Pdh Tj = +2°C	5.90 kW	5.50 kW
COP Tj = +2°C	5.24	3.49
Pdh Tj = +7°C	6.00 kW	5.60 kW
COP Tj = +7°C	5.61	3.92
Pdh Tj = 12°C	6.00 kW	5.70 kW
COP Tj = 12°C	6.03	4.44
Pdh Tj = Tbiv	5.80 kW	5.20 kW



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COP Tj = Tbiv	4.81	2.81
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.80 kW	5.20 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.81	2.81
Rated airflow rate	0 m³/h	0 m³/h
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90	0.90
WTOL	65 °C	65 °C
Poff	o w	o w
РТО	54 W	54 W
PSB	9 W	9 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	2262 kWh	3017 kWh



Model: WPC 05, all climates

Configure model		
Model name	WPC 05, all climates	
Application	Heating (low 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 14511-4	
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	
Heat output	5.82 kW
El input	1.21 kW
СОР	4.80

Warmer Climate



EN 12102-1	
	Low temperature
Sound power level indoor	47 dB(A)
Sound power level outdoor	0 dB(A)

EN 14825	
	Low temperature
η_{s}	203 %
Prated	6.00 kW
SCOP	5.28
Tbiv	2 °C
TOL	0 °C
Pdh Tj = -7°C	0.00 kW
$COPTj = -7^{\circ}C$	0.00
Pdh Tj = +2°C	5.80 kW
$COP Tj = +2^{\circ}C$	4.81
Pdh Tj = $+7^{\circ}$ C	5.90 kW
$COP Tj = +7^{\circ}C$	5.16
Pdh Tj = 12°C	6.00 kW
COP Tj = 12°C	5.75
Pdh Tj = Tbiv	5.80 kW





COP Tj = Tbiv	4.81
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.81
Rated airflow rate	0 m³/h
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90
WTOL	65 °C
Poff	o w
PTO	54 W
PSB	9 W
PCK	o w
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	0.00 kW
Annual energy consumption Qhe	1473 kWh

Colder Climate

EN 12102-1	
	Low temperature
Sound power level indoor	47 dB(A)
Sound power level outdoor	0 dB(A)

EN 14825	
	Low temperature



n_s	212 %
Prated	7.00 kW
SCOP	5.49
ГЬіν	-15 °C
ГОЬ	-22 °C
Pdh Tj = -7°C	5.90 kW
$COP Tj = -7^{\circ}C$	5.43
Pdh Tj = +2°C	6.00 kW
COP Tj = +2°C	5.72
Pdh Tj = +7°C	6.00 kW
$COP Tj = +7^{\circ}C$	5.97
Pdh Tj = 12°C	6.00 kW
COP Tj = 12°C	6.01
Pdh Tj = Tbiv	5.90 kW
COP Tj = Tbiv	5.31
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.90 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	5.31
Rated airflow rate	0 m³/h
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90
WTOL	65 °C

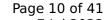


Poff	o w
РТО	54 W
PSB	9 W
PCK	o w
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	1.43 kW
Annual energy consumption Qhe	3254 kWh

Average Climate

EN 12102-1	
	Low temperature
Sound power level indoor	47 dB(A)
Sound power level outdoor	0 dB(A)

EN 14825	
	Low temperature
η_s	205 %
Prated	6.00 kW
SCOP	5.32
Tbiv	-10 °C
TOL	-10 °C





This information was generated by the Fill RE	
Pdh Tj = -7°C	5.80 kW
COP Tj = -7°C	4.87
Pdh Tj = +2°C	5.90 kW
COP Tj = +2°C	5.24
Pdh Tj = +7°C	6.00 kW
$COPTj = +7^{\circ}C$	5.61
Pdh Tj = 12°C	6.00 kW
COP Tj = 12°C	6.03
Pdh Tj = Tbiv	5.80 kW
COP Tj = Tbiv	4.81
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.81
Rated airflow rate	0 m³/h
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90
WTOL	65 °C
Poff	0 W
РТО	54 W
PSB	9 W
РСК	o w
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	0.00 kW



Page 11 of 41

Annual energy consumption Qhe	2262 kWh



Model: WPC 05, average climates

Configure model	
Model name	WPC 05, average climates
Application	Heating (medium temp)
Units	Indoor
Climate Zone	n/a
Reversibility	No
Cooling mode application (optional)	n/a

General Data		
Power supply	3x400V 50Hz	

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		
Shutting off the heat transfer medium flow		
Complete power supply failure		
Defrost test	passed	

EN 14511-2		
	Low temperature	Medium temperature
Heat output	5.82 kW	5.19 kW
El input	1.21 kW	1.85 kW
СОР	4.80	2.81

Average Climate



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	47 dB(A)	47 dB(A)
Sound power level outdoor	0 dB(A)	0 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	205 %	134 %
Prated	6.00 kW	5.00 kW
SCOP	5.32	3.55
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.80 kW	5.30 kW
COP Tj = -7°C	4.87	2.94
Pdh Tj = +2°C	5.90 kW	5.50 kW
COP Tj = +2°C	5.24	3.49
Pdh Tj = +7°C	6.00 kW	5.60 kW
COP Tj = +7°C	5.61	3.92
Pdh Tj = 12°C	6.00 kW	5.70 kW
COP Tj = 12°C	6.03	4.44
Pdh Tj = Tbiv	5.80 kW	5.20 kW



COP Tj = Tbiv	4.81	2.81
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.80 kW	5.20 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.81	2.81
Rated airflow rate	0 m³/h	0 m³/h
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90	0.90
WTOL	65 °C	65 °C
Poff	o w	0 W
РТО	54 W	54 W
PSB	9 W	9 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	2262 kWh	3017 kWh

Model: WPF 05, all climates

Configure model		
Model name	WPF 05, all climates	
Application	Heating (low 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 14511-4		
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	
Heat output	5.82 kW
El input	1.21 kW
СОР	4.80

Warmer Climate



EN 12102-1	
	Low temperature
Sound power level indoor	46 dB(A)
Sound power level outdoor	0 dB(A)

EN 14825	
	Low temperature
η_{s}	203 %
Prated	6.00 kW
SCOP	5.28
Tbiv	2 °C
TOL	0 °C
Pdh Tj = -7°C	0.00 kW
COP Tj = -7°C	0.00
Pdh Tj = +2°C	5.80 kW
COP Tj = +2°C	4.81
Pdh Tj = +7°C	5.90 kW
$COP Tj = +7^{\circ}C$	5.16
Pdh Tj = 12°C	6.00 kW
COP Tj = 12°C	5.75
Pdh Tj = Tbiv	5.80 kW



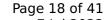


COP Tj = Tbiv	4.81
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.81
Rated airflow rate	0 m³/h
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90
WTOL	65 °C
Poff	o w
РТО	54 W
PSB	9 W
PCK	o w
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	0.00 kW
Annual energy consumption Qhe	1473 kWh

Colder Climate

EN 12102-1	
	Low temperature
Sound power level indoor	46 dB(A)
Sound power level outdoor	0 dB(A)

EN 14825	
	Low temperature





η_{s}	212 %
Prated	7.00 kW
SCOP	5.49
Tbiv	-15 °C
TOL	-22 °C
Pdh Tj = -7°C	5.90 kW
COP Tj = -7°C	5.43
Pdh Tj = $+2$ °C	6.00 kW
COP Tj = +2°C	5.72
Pdh Tj = +7°C	6.00 kW
$COP Tj = +7^{\circ}C$	5.97
Pdh Tj = 12°C	6.00 kW
COP Tj = 12°C	6.01
Pdh Tj = Tbiv	5.90 kW
COP Tj = Tbiv	5.31
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.90 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	5.31
Rated airflow rate	0 m³/h
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90
WTOL	65 °C

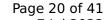


Poff	0 W
РТО	54 W
PSB	9 W
PCK	o w
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	1.43 kW
Annual energy consumption Qhe	3254 kWh

Average Climate

EN 12102-1	
	Low temperature
Sound power level indoor	46 dB(A)
Sound power level outdoor	0 dB(A)

EN 14825	
	Low temperature
η_{S}	205 %
Prated	6.00 kW
SCOP	5.32
Tbiv	-10 °C
TOL	-10 °C
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This information was generated by the HF KL	TMARK database on 7 jul 2022
Pdh Tj = -7°C	5.80 kW
$COP Tj = -7^{\circ}C$	4.87
Pdh Tj = +2°C	5.90 kW
COP Tj = +2°C	5.24
Pdh Tj = $+7^{\circ}$ C	6.00 kW
$COP Tj = +7^{\circ}C$	5.61
Pdh Tj = 12°C	6.00 kW
COP Tj = 12°C	6.03
Pdh Tj = Tbiv	5.80 kW
COP Tj = Tbiv	4.81
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.81
Rated airflow rate	0 m³/h
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90
WTOL	65 °C
Poff	0 W
РТО	54 W
PSB	9 W
PCK	o w
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	0.00 kW



Page 21 of 41

Annual energy consumption Qhe	2262 kWh
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Model: WPF 05 cool, average climates

Configure model		
Model name	WPF 05 cool, average climates	
Application	Heating (medium temp)	
Units	Indoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

General Data		
Power supply	3x400V 50Hz	

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	5.82 kW	5.19 kW
El input	1.21 kW	1.85 kW
СОР	4.80	2.81

Average Climate



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	46 dB(A)	46 dB(A)
Sound power level outdoor	0 dB(A)	0 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	205 %	134 %
Prated	6.00 kW	5.00 kW
SCOP	5.32	3.55
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.80 kW	5.30 kW
COP Tj = -7°C	4.87	2.94
Pdh Tj = +2°C	5.90 kW	5.50 kW
COP Tj = +2°C	5.24	3.49
Pdh Tj = +7°C	6.00 kW	5.60 kW
COP Tj = +7°C	5.61	3.92
Pdh Tj = 12°C	6.00 kW	5.70 kW
COP Tj = 12°C	6.03	4.44
Pdh Tj = Tbiv	5.80 kW	5.20 kW



COP Tj = Tbiv	4.81	2.81
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.80 kW	5.20 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.81	2.81
Rated airflow rate	0 m³/h	0 m³/h
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90	0.90
WTOL	65 °C	65 °C
Poff	o w	0 W
РТО	54 W	54 W
PSB	9 W	9 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	2262 kWh	3017 kWh



Model: WPF 05 cool, all climates

Configure model		
Model name	WPF 05 cool, all climates	
Application	Heating (low 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 14511-4		
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	
Heat output	5.82 kW
El input	1.21 kW
СОР	4.80

Warmer Climate



EN 12102-1	
	Low temperature
Sound power level indoor	46 dB(A)
Sound power level outdoor	0 dB(A)

EN 14825	
	Low temperature
η_{s}	203 %
Prated	6.00 kW
SCOP	5.28
Tbiv	2 °C
TOL	0 °C
Pdh Tj = -7°C	0.00 kW
$COPTj = -7^{\circ}C$	0.00
Pdh Tj = +2°C	5.80 kW
$COP Tj = +2^{\circ}C$	4.81
Pdh Tj = $+7^{\circ}$ C	5.90 kW
$COP Tj = +7^{\circ}C$	5.16
Pdh Tj = 12°C	6.00 kW
COP Tj = 12°C	5.75
Pdh Tj = Tbiv	5.80 kW





COP Tj = Tbiv	4.81
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.81
Rated airflow rate	0 m³/h
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90
WTOL	65 °C
Poff	o w
PTO	54 W
PSB	9 W
PCK	o w
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	0.00 kW
Annual energy consumption Qhe	1473 kWh

Colder Climate

EN 12102-1		
	Low temperature	
Sound power level indoor	46 dB(A)	
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EN 14825	
	Low temperature



η_{s}	212 %
Prated	7.00 kW
SCOP	5.49
Tbiv	-15 °C
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Pdh Tj = 12°C	6.00 kW
COP Tj = 12°C	6.01
Pdh Tj = Tbiv	5.90 kW
COP Tj = Tbiv	5.31
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.90 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	5.31
Rated airflow rate	0 m³/h
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90
WTOL	65 °C

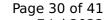


Poff	o w
PTO	54 W
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Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	1.43 kW
Annual energy consumption Qhe	3254 kWh

Average Climate

EN 12102-1		
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EN 14825		
	Low temperature	
η_{s}	205 %	
Prated	6.00 kW	
SCOP	5.32	
Tbiv	-10 °C	
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COP Tj = Tbiv	4.81
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.81
Rated airflow rate	0 m³/h
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90
WTOL	65 °C
Poff	0 W
РТО	54 W
PSB	9 W
PCK	0 W
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	0.00 kW



Page 31 of 41

Annual energy consumption Qhe	2262 kWh
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Model: WPC 05 cool, average climates

Configure model		
Model name	WPC 05 cool, average climates	
Application	Heating (medium temp)	
Units	Indoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

General Data			
Power supply 3x400V 50Hz			

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	Low temperature	Medium temperature
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TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.80 kW	5.30 kW
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Pdh Tj = +2°C	5.90 kW	5.50 kW
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COP Tj = Tbiv	4.81	2.81
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.80 kW	5.20 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.81	2.81
Rated airflow rate	0 m³/h	0 m³/h
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90	0.90
WTOL	65 °C	65 °C
Poff	o w	o w
РТО	54 W	54 W
PSB	9 W	9 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	2262 kWh	3017 kWh

Model: WPC 05 cool, all climates

Configure model		
Model name WPC 05 cool, all climates		
Application	Heating (low 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 14511-4		
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		
Heat output	5.82 kW	
El input	1.21 kW	
СОР	4.80	

Warmer Climate



EN 12102-1	
	Low temperature
Sound power level indoor	47 dB(A)
Sound power level outdoor	0 dB(A)

EN 14825	
	Low temperature
η_{s}	203 %
Prated	6.00 kW
SCOP	5.28
Tbiv	2 °C
TOL	0 °C
Pdh Tj = -7°C	0.00 kW
COP Tj = -7°C	0.00
Pdh Tj = +2°C	5.80 kW
COP Tj = +2°C	4.81
Pdh Tj = +7°C	5.90 kW
COP Tj = +7°C	5.16
Pdh Tj = 12°C	6.00 kW
COP Tj = 12°C	5.75
Pdh Tj = Tbiv	5.80 kW



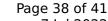


COP Tj = Tbiv	4.81
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.81
Rated airflow rate	0 m³/h
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90
WTOL	65 °C
Poff	o w
PTO	54 W
PSB	9 W
PCK	o w
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	0.00 kW
Annual energy consumption Qhe	1473 kWh

Colder Climate

EN 12102-1		
	Low temperature	
Sound power level indoor	47 dB(A)	
Sound power level outdoor	0 dB(A)	

EN 14825
Low temperature





η_{s}	212 %
Prated	7.00 kW
SCOP	5.49
Tbiv	-15 °C
TOL	-22 °C
Pdh Tj = -7°C	5.90 kW
COP Tj = -7°C	5.43
Pdh Tj = $+2$ °C	6.00 kW
COP Tj = +2°C	5.72
Pdh Tj = +7°C	6.00 kW
$COP Tj = +7^{\circ}C$	5.97
Pdh Tj = 12°C	6.00 kW
COP Tj = 12°C	6.01
Pdh Tj = Tbiv	5.90 kW
COP Tj = Tbiv	5.31
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.90 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	5.31
Rated airflow rate	0 m³/h
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90
WTOL	65 °C



Poff	o w
PTO	54 W
PSB	9 W
PCK	0 W
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	1.43 kW
Annual energy consumption Qhe	3254 kWh

Average Climate

EN 12102-1		
	Low temperature	
Sound power level indoor	47 dB(A)	
Sound power level outdoor	0 dB(A)	

EN 14825		
	Low temperature	
η_{s}	205 %	
Prated	6.00 kW	
SCOP	5.32	
Tbiv	-10 °C	
TOL	-10 °C	





This information was generated by the FF KL	THANK database on 7 jul 2022
Pdh Tj = -7°C	5.80 kW
COP Tj = -7°C	4.87
Pdh Tj = +2°C	5.90 kW
COP Tj = +2°C	5.24
Pdh Tj = +7°C	6.00 kW
$COPTj = +7^{\circ}C$	5.61
Pdh Tj = 12°C	6.00 kW
COP Tj = 12°C	6.03
Pdh Tj = Tbiv	5.80 kW
COP Tj = Tbiv	4.81
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.81
Rated airflow rate	0 m³/h
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90
WTOL	65 °C
Poff	o w
РТО	54 W
PSB	9 W
РСК	o w
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	0.00 kW



Page 41 of 41

Annual energy consumption Qhe	2262 kWh