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Summary of	WPF 05, WPF 05 cool, WPC 05, WPC 05 cool	Reg. No.	011-1W0009
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		
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	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
COP	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 $T_j = T_{biv}$	4.81	2.81
$P_{dh} T_j = TOL$ or $P_{dh} T_j = T_{designh}$ if $TOL < T_{designh}$	5.80 kW	5.20 kW
COP $T_j = TOL$ or COP $T_j = T_{designh}$ if $TOL < T_{designh}$	4.81	2.81
Rated airflow rate	0 m ³ /h	0 m ³ /h
$C_{dh} T_j = TOL$ or $P_{dh} T_j = T_{designh}$ if $TOL < T_{designh}$	0.90	0.90
WTOL	65 °C	65 °C
P _{off}	0 W	0 W
PTO	54 W	54 W
PSB	9 W	9 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 Q _{he}	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
COP	4.80

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
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
COP Tj = +7°C	5.61
Pdh Tj = 12°C	6.00 kW
COP Tj = 12°C	6.03
Pdh Tj = Tbiv	5.80 kW

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COP $T_j = T_{biv}$	4.81
$P_{dh} T_j = TOL$ or $P_{dh} T_j = T_{designh}$ if $TOL < T_{designh}$	5.80 kW
COP $T_j = TOL$ or COP $T_j = T_{designh}$ if $TOL < T_{designh}$	4.81
Rated airflow rate	0 m ³ /h
$C_{dh} T_j = TOL$ or $P_{dh} T_j = T_{designh}$ if $TOL < T_{designh}$	0.90
WTOL	65 °C
P _{off}	0 W
PTO	54 W
PSB	9 W
PCK	0 W
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	0.00 kW
Annual energy consumption Q _{he}	2262 kWh

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

This information was generated by the HP KEYMARK database on 18 Mar 2022

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

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Poff	0 W
PTO	54 W
PSB	9 W
PCK	0 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

This information was generated by the HP KEYMARK database on 18 Mar 2022

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°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
PTO	54 W
PSB	9 W
PCK	0 W
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	1.43 kW

This information was generated by the HP KEYMARK database on 18 Mar 2022

Annual energy consumption Q _{he}	3254 kWh
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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	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
COP	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
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COP Tj = 12°C	6.03	4.44
Pdh Tj = Tbiv	5.80 kW	5.20 kW

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COP $T_j = T_{biv}$	4.81	2.81
$P_{dh} T_j = TOL$ or $P_{dh} T_j = T_{designh}$ if $TOL < T_{designh}$	5.80 kW	5.20 kW
COP $T_j = TOL$ or COP $T_j = T_{designh}$ if $TOL < T_{designh}$	4.81	2.81
Rated airflow rate	0 m ³ /h	0 m ³ /h
$C_{dh} T_j = TOL$ or $P_{dh} T_j = T_{designh}$ if $TOL < T_{designh}$	0.90	0.90
WTOL	65 °C	65 °C
P _{off}	0 W	0 W
PTO	54 W	54 W
PSB	9 W	9 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 Q _{he}	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
COP	4.80

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
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
COP Tj = +7°C	5.61
Pdh Tj = 12°C	6.00 kW
COP Tj = 12°C	6.03
Pdh Tj = Tbiv	5.80 kW

This information was generated by the HP KEYMARK database on 18 Mar 2022

COP $T_j = T_{biv}$	4.81
$P_{dh} T_j = TOL$ or $P_{dh} T_j = T_{designh}$ if $TOL < T_{designh}$	5.80 kW
COP $T_j = TOL$ or COP $T_j = T_{designh}$ if $TOL < T_{designh}$	4.81
Rated airflow rate	0 m ³ /h
$C_{dh} T_j = TOL$ or $P_{dh} T_j = T_{designh}$ if $TOL < T_{designh}$	0.90
WTOL	65 °C
P _{off}	0 W
PTO	54 W
PSB	9 W
PCK	0 W
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	0.00 kW
Annual energy consumption Q _{he}	2262 kWh

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

This information was generated by the HP KEYMARK database on 18 Mar 2022

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

This information was generated by the HP KEYMARK database on 18 Mar 2022

Poff	0 W
PTO	54 W
PSB	9 W
PCK	0 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

This information was generated by the HP KEYMARK database on 18 Mar 2022

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°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
PTO	54 W
PSB	9 W
PCK	0 W
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	1.43 kW

This information was generated by the HP KEYMARK database on 18 Mar 2022

Annual energy consumption Q _{he}	3254 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
COP	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

This information was generated by the HP KEYMARK database on 18 Mar 2022

COP $T_j = T_{biv}$	4.81	2.81
$P_{dh} T_j = TOL$ or $P_{dh} T_j = T_{designh}$ if $TOL < T_{designh}$	5.80 kW	5.20 kW
COP $T_j = TOL$ or COP $T_j = T_{designh}$ if $TOL < T_{designh}$	4.81	2.81
Rated airflow rate	0 m ³ /h	0 m ³ /h
$C_{dh} T_j = TOL$ or $P_{dh} T_j = T_{designh}$ if $TOL < T_{designh}$	0.90	0.90
WTOL	65 °C	65 °C
P _{off}	0 W	0 W
PTO	54 W	54 W
PSB	9 W	9 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 Q _{he}	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
COP	4.80

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
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Pdh Tj = +2°C	5.90 kW
COP Tj = +2°C	5.24
Pdh Tj = +7°C	6.00 kW
COP Tj = +7°C	5.61
Pdh Tj = 12°C	6.00 kW
COP Tj = 12°C	6.03
Pdh Tj = Tbiv	5.80 kW

This information was generated by the HP KEYMARK database on 18 Mar 2022

COP $T_j = T_{biv}$	4.81
$P_{dh} T_j = TOL$ or $P_{dh} T_j = T_{designh}$ if $TOL < T_{designh}$	5.80 kW
COP $T_j = TOL$ or COP $T_j = T_{designh}$ if $TOL < T_{designh}$	4.81
Rated airflow rate	0 m ³ /h
$C_{dh} T_j = TOL$ or $P_{dh} T_j = T_{designh}$ if $TOL < T_{designh}$	0.90
WTOL	65 °C
P _{off}	0 W
PTO	54 W
PSB	9 W
PCK	0 W
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	0.00 kW
Annual energy consumption Q _{he}	2262 kWh

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

This information was generated by the HP KEYMARK database on 18 Mar 2022

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

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Poff	0 W
PTO	54 W
PSB	9 W
PCK	0 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	
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η_s	212 %
Prated	7.00 kW
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COP Tj = +2°C	5.72
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COP Tj = +7°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
PTO	54 W
PSB	9 W
PCK	0 W
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	1.43 kW

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Annual energy consumption Q _{he}	3254 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

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
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	Low temperature	Medium temperature
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El input	1.21 kW	1.85 kW
COP	4.80	2.81

Average Climate

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	Low temperature	Medium temperature
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EN 14825

	Low temperature	Medium temperature
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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
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COP Tj = 12°C	6.03	4.44
Pdh Tj = Tbiv	5.80 kW	5.20 kW

This information was generated by the HP KEYMARK database on 18 Mar 2022

COP $T_j = T_{biv}$	4.81	2.81
$P_{dh} T_j = TOL$ or $P_{dh} T_j = T_{designh}$ if $TOL < T_{designh}$	5.80 kW	5.20 kW
COP $T_j = TOL$ or COP $T_j = T_{designh}$ if $TOL < T_{designh}$	4.81	2.81
Rated airflow rate	0 m ³ /h	0 m ³ /h
$C_{dh} T_j = TOL$ or $P_{dh} T_j = T_{designh}$ if $TOL < T_{designh}$	0.90	0.90
WTOL	65 °C	65 °C
P _{off}	0 W	0 W
PTO	54 W	54 W
PSB	9 W	9 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 Q _{he}	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
COP	4.80

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
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
COP Tj = +7°C	5.61
Pdh Tj = 12°C	6.00 kW
COP Tj = 12°C	6.03
Pdh Tj = Tbiv	5.80 kW

This information was generated by the HP KEYMARK database on 18 Mar 2022

COP $T_j = T_{biv}$	4.81
$P_{dh} T_j = TOL$ or $P_{dh} T_j = T_{designh}$ if $TOL < T_{designh}$	5.80 kW
COP $T_j = TOL$ or COP $T_j = T_{designh}$ if $TOL < T_{designh}$	4.81
Rated airflow rate	0 m ³ /h
$C_{dh} T_j = TOL$ or $P_{dh} T_j = T_{designh}$ if $TOL < T_{designh}$	0.90
WTOL	65 °C
P _{off}	0 W
PTO	54 W
PSB	9 W
PCK	0 W
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	0.00 kW
Annual energy consumption Q _{he}	2262 kWh

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

This information was generated by the HP KEYMARK database on 18 Mar 2022

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

This information was generated by the HP KEYMARK database on 18 Mar 2022

Poff	0 W
PTO	54 W
PSB	9 W
PCK	0 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

This information was generated by the HP KEYMARK database on 18 Mar 2022

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°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
PTO	54 W
PSB	9 W
PCK	0 W
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	1.43 kW

This information was generated by the HP KEYMARK database on 18 Mar 2022

Annual energy consumption Qhe	3254 kWh
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