

Subtype WPF 05, WPF 05 cool, WPC 05, WPC 05 cool		
Certificate Holder	STIEBEL ELTRON GmbH & Co KG	
Address	Dr. Stiebel Straße 33	
ZIP	37603	
City	Holzminden	
Country	DE	
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH	
Subtype title	WPF 05, WPF 05 cool, WPC 05, WPC 05 cool	
Registration number	011-1W0009	
Heat Pump Type	Brine/Water	
Refrigerant	R410A	
Mass of Refrigerant	1.4 kg	
Certification Date	23.08.2016	



Model WPF 05, average climates		
Model name	WPF 05, average climates	
Application	Heating (medium temp)	
Units	Indoor	
Climate zone (for heating)	n/a	
Cooling mode application (optional)	n/a	
Any additional heat sources	n/a	
General data		
Power supply	3x400V 50Hz	
Off-peak product	No	
Drine Mater		
Brine/water		
EN 14511-4 Heating		
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	
EN 12102-1 Average Climate		
	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 Average Climate		
	Low temperature	Medium temperature
ns	205 %	134 %
Prated	6 00 kW	5 00 kW
SCOP	5 32	3 55
Thiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Ti = -7° C	5 80 kW	5 30 kW
$COP Ti = -7^{\circ}C$	4 87	2 94
Pdh Ti = $+2^{\circ}$ C	5.90 kW	5.50 kW
$COP Ti = +2^{\circ}C$	5.24	3.49
Pdh Ti = $+7^{\circ}$ C	6.00 kW	5.60 kW
$\frac{1}{1} \frac{1}{1} \frac{1}$	5.61	3.92
Pdh Ti = 12° C	6.00 kW	5.70 kW
$COP Ti = 12^{\circ}C$	6.03	4.44
Pdh Ti = Tbiv	5.80 kW	5.20 kW
COP Ti = Tbiv	4.81	2.81
Pdh Ti = TOL or Pdh Ti = Tdesianh if TOL	5.80 kW	5.20 kW
< Tdesignh		
COP Tj = TOL or COP Tj = Tdesignh if TOL	4.81	2.81
< rates a single with the second seco	0 m ³ /b	0 m³/b
		V III /II



Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90	0.90
WTOL	65 °C	65 °C
Poff	0 W	0 W
РТО	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 Qhe	2262 kWh	3017 kWh



Model WPC 05, all climates		
Model name	WPC 05, all climates	
Application	Heating (low temp)	
Units	Indoor	
Climate zone (for heating)	Warmer Climate, Colder Clim	ate
Cooling mode application (optional)	n/a	
Any additional heat sources	n/a	
	.,	
General data		
Power supply	3x400V 50Hz	
Off-peak product	No	
Brine/Water		
EN 14511-4 Heating		
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	
	•	
EN 12102-1 Average Climate		
	Low temperature	Medium temperature
Sound power level indoor	47 dB(A)	
Sound power level outdoor	0 dB(A)	
EN 14825 Average Climate		
Liv 14025 Average Climate		
	Low temperature	Medium temperature
<u>ns</u>	205 %	
Prated	6.00 kW	
SCOP	5.32	
Tbiv	-10 °C	
TOL	-10 °C	
Pdh Tj = -7°C	5.80 kW	
$COP Tj = -7^{\circ}C$	4.87	
$Pdh Tj = +2^{\circ}C$	5.90 kW	
$COP Tj = +2^{\circ}C$	5.24	
Pdh Tj = +7°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	5.80 kW	
< Tdesignh		
COP Tj = TOL or COP Tj = Tdesignh if TOL	4.81	
< idesignn	0 m ³ /b	
	V III ⁻ /II	



Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL $<$ Tdesignh	0.90	
WTO	65 °C	
Poff		
	54 W/	
	9 W	
Supplementary Heater: Type of energy input	Electricity	
Supplementary Heater: PSUP	0.00 kW	
Annual energy consumption Qhe	2262 kWh	
EN 12102-1 Colder Climate		
	Low temperature	Medium temperature
Sound power level indoor	47 dB(A)	-
Sound power level outdoor	0 dB(A)	
	· · ·	
EN 14825 Colder Climate		
	Low temperature	Medium temperature
ηs	212 %	·
Prated	7.00 kW	
SCOP	5.49	
Thiv	-15 °C	
TOI	-22 °C	
Pdh Ti = -7° C	5 90 kW	
$COP Ti = -7^{\circ}C$	5.43	
Cdh Ti = 7 °C	5.45	
$Pdh Ti = +2^{\circ}C$	6.00 kW	
Full I = +2 C	6.00 KW	
COP I J = +2 C	5.72	
$Cdn T = +2^{\circ}C$	C 00 1/1/1	
$Pan IJ = +7^{\circ}C$	6.00 KW	
$COP IJ = +7^{\circ}C$	5.97	
$Cdh I_J = +7 °C$		
$Pdh Tj = 12^{\circ}C$	6.00 kW	
COP Tj = 12°C	6.01	
Cdh Tj = +12 °C		
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	5.31	
< Tdesignh		
Rated airflow rate	0 m³/h	
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL $<$ Tdesignh	0.900	
	65 °C	
FUII		



РТО	54 W	
PSB	9 W	
РСК	0 W	
Supplementary Heater: Type of energy input	Electricity	
Supplementary Heater: PSUP	1.10 kW	
Annual energy consumption Qhe	3254 kWh	
EN 12102-1 Warmer Climate		
	Low temperature	Medium temperature
Sound power level indoor	47 dB(A)	
Sound power level outdoor	0 dB(A)	
EN 14825 Warmer Climate		
	Low temperature	Medium temperature
ηs	203 %	
Prated	6.00 kW	
SCOP	5.28	
Tbiv	2 °C	
TOL	0 °C	
$Pdh Ti = -7^{\circ}C$	0.00 kW	
$COP Ti = -7^{\circ}C$	0.00	
Pdh Ti = $+2^{\circ}$ C	5.80 kW	
$COP Ti = +2^{\circ}C$	4.81	
Cdh Ti = +2 °C		
Pdh Ti = $+7^{\circ}$ C	5.90 kW	
COP Ti = +7°C	5.16	
Cdh Ti = +7 °C		
Pdh Tj = 12° C	6.00 kW	
COP Tj = 12°C	5.75	
Cdh Tj = +12 °C		
Pdh Tj = Tbiv	5.80 kW	
COP Tj = Tbiv	4.81	
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL	5.80 kW	
< Tdesignh		
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	0.900	
< Tdesignh		
WTOL	65 °C	
Poff	0 W	
РТО	54 W	
PSB	9 W	
РСК	0 W	
Supplementary Heater: Type of energy input	Electricity	



Supplementary Heater: PSUP	0.20 kW
Annual energy consumption Qhe	1473 kWh



Model WPC 05, average climates		
Model name	WPC 05, average climates	
Application	Heating (medium temp)	
Units	Indoor	
Climate zone (for heating)	n/a	
Cooling mode application (optional)	n/a	
Any additional heat sources	n/a	
General data		
Power supply	3x400V 50Hz	
Off-peak product	No	
Brine/Water		
EN 14511-4 Heating		
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	
EN 12102-1 Average Climate		
	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 Average Climate		
	Low temperature	Medium temperature
ηs	205 %	134 %
Prated	6.00 kW	5.00 kW
SCOP	5.32	3.55
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
$Pdh Tj = -7^{\circ}C$	5.80 kW	5.30 kW
COP Tj = -7°C	4.87	2.94
$Pdh Tj = +2^{\circ}C$	5.90 kW	5.50 kW
COP Tj = +2°C	5.24	3.49
$Pdh Tj = +7^{\circ}C$	6.00 kW	5.60 kW
COP Tj = +7°C	5.61	3.92
$Pdh Tj = 12^{\circ}C$	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
	$0 \text{ m}^{3}/\text{b}$	$0 \text{ m}^3/\text{h}$



Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90	0.90
WTOL	65 °C	65 °C
Poff	0 W	0 W
РТО	54 W	54 W
PSB	9 W	9 W
РСК	0 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 WPF 05, all climates		
Model name	WPF 05. all climates	
Application	Heating (low temp)	
Units	Indoor	
Climate zone (for heating)	Warmer Climate, Colder Clim	ate
Cooling mode application (optional)	n/a	
Any additional heat sources	n/a	
General data		
Power supply	3x400V 50Hz	
Off-peak product	No	
Brine/Water		
EN 14511-4 Heating		
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	
EN 12102-1 Average Climate		
	Low temperature	Medium temperature
Sound power level indoor	46 dB(A)	
Sound power level outdoor	0 dB(A)	
	0 4 2 (7 7)	
EN 14825 Average Climate		
EN 14825 Average Climate	Low temperature	Medium temperature
EN 14825 Average Climate	Low temperature 205 %	Medium temperature
EN 14825 Average Climate	Low temperature 205 % 6.00 kW	Medium temperature
EN 14825 Average Climate ns Prated SCOP	Low temperature 205 % 6.00 kW 5.32	Medium temperature
EN 14825 Average Climate ns Prated SCOP Tbiv	Low temperature 205 % 6.00 kW 5.32 -10 °C	Medium temperature
EN 14825 Average Climate ns Prated SCOP Tbiv TOL	Low temperature 205 % 6.00 kW 5.32 -10 °C -10 °C	Medium temperature
EN 14825 Average Climate ns Prated SCOP Tbiv TOL Pdh Tj = -7°C	Low temperature 205 % 6.00 kW 5.32 -10 °C -10 °C 5.80 kW	Medium temperature
EN 14825 Average Climate ηs Prated SCOP Tbiv TOL Pdh Tj = -7°C COP Tj = -7°C	Low temperature 205 % 6.00 kW 5.32 -10 °C -10 °C 5.80 kW 4.87	Medium temperature
EN 14825 Average Climate η s Prated SCOP Tbiv TOL Pdh Tj = -7°C COP Tj = -7°C Pdh Tj = +2°C	Low temperature 205 % 6.00 kW 5.32 -10 °C -10 °C 5.80 kW 4.87 5.90 kW	Medium temperature
EN 14825 Average Climate η s Prated SCOP Tbiv TOL Pdh Tj = -7°C COP Tj = -7°C Pdh Tj = +2°C COP Tj = +2°C	Low temperature 205 % 6.00 kW 5.32 -10 °C -10 °C 5.80 kW 4.87 5.90 kW 5.24	Medium temperature
EN 14825 Average Climate η s Prated SCOP Tbiv TOL Pdh Tj = -7°C COP Tj = -7°C Pdh Tj = +2°C COP Tj = +2°C Pdh Tj = +7°C	Low temperature 205 % 6.00 kW 5.32 -10 °C -10 °C 5.80 kW 4.87 5.90 kW 5.24 6.00 kW	Medium temperature
EN 14825 Average Climate η s Prated SCOP Tbiv TOL Pdh Tj = -7°C COP Tj = -7°C Pdh Tj = +2°C COP Tj = +2°C Pdh Tj = +7°C	Low temperature 205 % 6.00 kW 5.32 -10 °C -10 °C 5.80 kW 4.87 5.90 kW 5.24 6.00 kW 5.61	Medium temperature
EN 14825 Average Climate η s Prated SCOP Tbiv TOL Pdh Tj = -7°C COP Tj = -7°C Pdh Tj = +2°C COP Tj = +2°C Pdh Tj = +7°C Pdh Tj = +7°C Pdh Tj = 12°C	Low temperature 205 % 6.00 kW 5.32 -10 °C -10 °C 5.80 kW 4.87 5.90 kW 5.24 6.00 kW 5.61 6.00 kW	Medium temperature
EN 14825 Average Climate η s Prated SCOP Tbiv TOL Pdh Tj = -7°C COP Tj = -7°C Pdh Tj = +2°C COP Tj = +2°C Pdh Tj = +7°C COP Tj = +7°C Pdh Tj = 12°C	Low temperature 205 % 6.00 kW 5.32 -10 °C -10 °C 5.80 kW 4.87 5.90 kW 5.24 6.00 kW 5.61 6.00 kW 6.03	Medium temperature
EN 14825 Average Climate η s Prated SCOP Tbiv TOL Pdh Tj = -7°C COP Tj = -7°C Pdh Tj = +2°C COP Tj = +2°C Pdh Tj = +7°C Pdh Tj = 12°C COP Tj = 12°C Pdh Tj = 12°C	Low temperature 205 % 6.00 kW 5.32 -10 °C -10 °C 5.80 kW 4.87 5.90 kW 5.24 6.00 kW 5.61 6.00 kW 5.61 6.03 5.80 kW	Medium temperature
EN 14825 Average Climate η s Prated SCOP Tbiv TOL Pdh Tj = -7°C COP Tj = -7°C COP Tj = +2°C COP Tj = +2°C Pdh Tj = +7°C COP Tj = +7°C COP Tj = 12°C Pdh Tj = 12°C Pdh Tj = Tbiv COP Tj = Tbiv	Low temperature 205 % 6.00 kW 5.32 -10 °C -10 °C 5.80 kW 4.87 5.90 kW 5.24 6.00 kW 5.61 6.00 kW 6.03 5.80 kW 4.81	Medium temperature
EN 14825 Average Climate η s Prated SCOP Tbiv TOL Pdh Tj = -7°C COP Tj = -7°C Pdh Tj = +2°C COP Tj = +2°C COP Tj = +7°C Pdh Tj = 12°C COP Tj = 12°C Pdh Tj = Tbiv COP Tj = Tbiv COP Tj = Tbiv Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	Low temperature 205 % 6.00 kW 5.32 -10 °C -10 °C 5.80 kW 4.87 5.90 kW 5.24 6.00 kW 5.61 6.00 kW 6.03 5.80 kW 4.81 5.80 kW	Medium temperature
EN 14825 Average Climate η s Prated SCOP Tbiv TOL Pdh Tj = -7°C COP Tj = -7°C COP Tj = -7°C Pdh Tj = +2°C COP Tj = +2°C Pdh Tj = +7°C COP Tj = +7°C Pdh Tj = 12°C COP Tj = 12°C Pdh Tj = Tbiv COP Tj = Tbiv COP Tj = Tbiv COP Tj = Tbiv COP Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	Low temperature 205 % 6.00 kW 5.32 -10 °C -10 °C 5.80 kW 4.87 5.90 kW 5.24 6.00 kW 5.61 6.00 kW 5.61 6.00 kW 4.81 5.80 kW 4.81 5.80 kW	Medium temperature



Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL	0.90	
	GE °C	
Doff		
PUI		
PIO	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	2262 kWh	
EN 12102-1 Colder Climate		
	Low temperature	Medium temperature
Sound power level indoor	46 dB(A)	
Sound power level outdoor	0 dB(A)	
EN 14825 Colder Climate		
	Low temperature	Medium temperature
ης	212 %	
Prated	7.00 kW	
SCOP	5.49	
Tbiv	-15 °C	
TOL	-22 °C	
Pdh Tj = -7°C	5.90 kW	
$COP T_i = -7^{\circ}C$	5.43	
Cdh Ti = -7 °C		
Pdh Ti = $+2^{\circ}$ C	6.00 kW	
$COP Ti = +2^{\circ}C$	5.72	
Cdh Ti = +2 °C		
Pdh Ti = $+7^{\circ}$ C	6.00 kW	
$COP Ti = +7^{\circ}C$	5 97	
Cdh Ti = +7 °C	5.57	
Pdh Ti = 12° C	6.00 kW	
COP Ti = 12°C	6 01	
$Cdh Ti = \pm 12 °C$	0.01	
Pdh Ti = Thiv	5 90 KW	
COP Ti = Thiv	5.21	
COF I = IDIV Ddh Ti = TOL or Ddh Ti = Tdesignh if TOL		
rain I = IOL of Pain I = Idesignin in IOL $< Tdesignb$	5.90 KW	
COP Ti = TOL or COP Ti = Tdesignh if TOL	5.31	
< Tdesignh	5.5±	
Rated airflow rate	0 m³/h	
Cdh Tj = TOL or Pdh Ti = Tdesianh if TOL	0.900	
< Tdesignh		
WTOL	65 °C	
Poff	0 W	



РТО	54 W	
PSB	9 W	
РСК	0 W	
Supplementary Heater: Type of energy input	Electricity	
Supplementary Heater: PSUP	1.10 kW	
Annual energy consumption Qhe	3254 kWh	
EN 12102-1 Warmer Climate		
	l ow temperature	Medium temperature
Sound power level indoor	46 dB(A)	
Sound power level middor		
	0 0B(A)	
EN 14825 Warmer Climate		
	Low temperature	Medium temperature
ης	203 %	
Prated	6.00 kW	
SCOP	5.28	
Tbiv	2 °C	
TOL	0 °C	
$Pdh Ti = -7^{\circ}C$	0.00 kW	
$COP Ti = -7^{\circ}C$	0.00	
Pdh Ti = $+2^{\circ}$ C	5.80 kW	
COP Ti = +2°C	4.81	
Cdh Ti = +2 °C		
Pdh Ti = $+7^{\circ}$ C	5.90 kW	
COP Ti = +7°C	5.16	
Cdh Tj = +7 °C		
Pdh Tj = 12° C	6.00 kW	
COP Tj = 12°C	5.75	
Cdh Tj = +12 °C		
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 Ti = TOL or Pdh Ti = Tdesignh if TOL	0.900	
< Tdesignh		
WTOL	65 °C	
Poff	0 W	
РТО	54 W	
PSB	9 W	
РСК	0 W	
Supplementary Heater: Type of energy input	Electricity	



Supplementary Heater: PSUP	0.20 kW
Annual energy consumption Qhe	1473 kWh



Model WPF 05 cool, average climates		
Model name	WPF 05 cool, average climate	25
Application	Heating (medium temp)	
Units	Indoor	
Climate zone (for heating)	n/a	
Cooling mode application (optional)	n/a	
Any additional heat sources	n/a	
General data		
Power supply	3x400V 50Hz	
Off-peak product	No	
Brine/Water		
EN 14511-4 Heating		
Shutting off the best transfer medium flow	passed	
Shutting off the neat transfer medium now	passed	
Complete power supply failure	passed	
	passed	
EN 12102-1 Average Climate		
	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 Average Climate		
	Low temperature	Medium temperature
ης	205 %	134 %
Prated	6.00 kW	5.00 kW
SCOP	5.32	3.55
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
$Pdh Tj = -7^{\circ}C$	5.80 kW	5.30 kW
COP Tj = -7°C	4.87	2.94
$Pdh Tj = +2^{\circ}C$	5.90 kW	5.50 kW
COP Tj = +2°C		
Dale Ti 7°C	5.24	3.49
Pun IJ = $+7^{\circ}$ C	5.24 6.00 kW	3.49 5.60 kW
COP Tj = +7°C	5.24 6.00 kW 5.61	3.49 5.60 kW 3.92
Pdh Tj = +7°C $COP Tj = +7°C$ $Pdh Tj = 12°C$	5.24 6.00 kW 5.61 6.00 kW	3.49 5.60 kW 3.92 5.70 kW
Pdh Tj = +7°C $Pdh Tj = +7°C$ $Pdh Tj = 12°C$ $COP Tj = 12°C$	5.24 6.00 kW 5.61 6.00 kW 6.03	3.49 5.60 kW 3.92 5.70 kW 4.44
Pdh Tj = $+7^{\circ}$ C COP Tj = $+7^{\circ}$ C Pdh Tj = 12° C COP Tj = 12° C Pdh Tj = Tbiv	5.24 6.00 kW 5.61 6.00 kW 6.03 5.80 kW	3.49 5.60 kW 3.92 5.70 kW 4.44 5.20 kW
Pdh Tj = $+7^{\circ}$ C COP Tj = $+7^{\circ}$ C Pdh Tj = 12° C COP Tj = 12° C Pdh Tj = Tbiv COP Tj = Tbiv	5.24 6.00 kW 5.61 6.00 kW 6.03 5.80 kW 4.81	3.49 5.60 kW 3.92 5.70 kW 4.44 5.20 kW 2.81
Pdh Tj = $+7^{\circ}$ C Pdh Tj = $+7^{\circ}$ C Pdh Tj = 12° C COP Tj = 12° C Pdh Tj = Tbiv COP Tj = Tbiv Pdh Tj = TDL or Pdh Tj = Tdesignh if TOL	5.24 6.00 kW 5.61 6.00 kW 6.03 5.80 kW 4.81 5.80 kW	3.49 5.60 kW 3.92 5.70 kW 4.44 5.20 kW 2.81 5.20 kW
Pdh Tj = $+7^{\circ}$ C Pdh Tj = $+7^{\circ}$ C Pdh Tj = 12° C COP Tj = 12° C Pdh Tj = Tbiv COP Tj = Tbiv Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.24 6.00 kW 5.61 6.00 kW 6.03 5.80 kW 4.81 5.80 kW	3.49 5.60 kW 3.92 5.70 kW 4.44 5.20 kW 2.81 5.20 kW
Pdh Tj = $+7^{\circ}$ C Pdh Tj = $+7^{\circ}$ C Pdh Tj = 12° C Pdh Tj = 12° C Pdh Tj = Tbiv COP Tj = Tbiv Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	5.24 6.00 kW 5.61 6.00 kW 6.03 5.80 kW 4.81 5.80 kW	3.49 5.60 kW 3.92 5.70 kW 4.44 5.20 kW 2.81 5.20 kW



Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90	0.90
WTOL	65 °C	65 °C
Poff	0 W	0 W
РТО	54 W	54 W
PSB	9 W	9 W
РСК	0 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 WPF 05 cool, all climates		
Model name	WPF 05 cool, all climates	
Application	Heating (low temp)	
Units	Indoor	
Climate zone (for heating)	Warmer Climate, Colder Clim	ate
Cooling mode application (optional)	n/a	
Any additional heat sources	n/a	
General data		
Power supply	3x400V 50Hz	
Off-peak product	No	
Brine/Water		
EN 14511-4 Heating		
Shutting off the heat transfer medium flow	passed	
Complete nower supply failure	nassed	
Defrost test	passed	
	passea	
EN 12102-1 Average Climate		
	Low temperature	Medium temperature
Sound power level indoor	46 dB(A)	
Sound power level outdoor	0 dB(A)	
EN 1402E Average Climate		
EN 14825 Average Climate		
EN 14825 Average Climate	Low temperature	Medium temperature
EN 14825 Average Climate	Low temperature 205 %	Medium temperature
EN 14825 Average Climate ηs Prated	Low temperature 205 % 6.00 kW	Medium temperature
EN 14825 Average Climate ns Prated SCOP	Low temperature 205 % 6.00 kW 5.32	Medium temperature
EN 14825 Average Climate ns Prated SCOP Tbiv	Low temperature 205 % 6.00 kW 5.32 -10 °C	Medium temperature
EN 14825 Average Climate ns Prated SCOP Tbiv TOL	Low temperature 205 % 6.00 kW 5.32 -10 °C -10 °C	Medium temperature
EN 14825 Average Climate ns Prated SCOP Tbiv TOL Pdh Tj = -7°C	Low temperature 205 % 6.00 kW 5.32 -10 °C -10 °C 5.80 kW	Medium temperature
EN 14825 Average Climate η s Prated SCOP Tbiv TOL Pdh Tj = -7°C COP Tj = -7°C	Low temperature 205 % 6.00 kW 5.32 -10 °C -10 °C 5.80 kW 4.87	Medium temperature
EN 14825 Average Climate η s Prated SCOP Tbiv TOL Pdh Tj = -7°C COP Tj = -7°C Pdh Tj = +2°C	Low temperature 205 % 6.00 kW 5.32 -10 °C -10 °C 5.80 kW 4.87 5.90 kW	Medium temperature
EN 14825 Average Climate η s Prated SCOP Tbiv TOL Pdh Tj = -7°C COP Tj = -7°C Pdh Tj = +2°C COP Tj = +2°C	Low temperature 205 % 6.00 kW 5.32 -10 °C -10 °C 5.80 kW 4.87 5.90 kW 5.24	Medium temperature
EN 14825 Average Climate η s Prated SCOP Tbiv TOL Pdh Tj = -7°C COP Tj = -7°C Pdh Tj = +2°C COP Tj = +2°C Pdh Tj = +7°C	Low temperature 205 % 6.00 kW 5.32 -10 °C -10 °C 5.80 kW 4.87 5.90 kW 5.24 6.00 kW	Medium temperature
EN 14825 Average Climate η s Prated SCOP Tbiv TOL Pdh Tj = -7°C COP Tj = -7°C Pdh Tj = +2°C COP Tj = +2°C Pdh Tj = +7°C Pdh Tj = +7°C	Low temperature 205 % 6.00 kW 5.32 -10 °C -10 °C 5.80 kW 4.87 5.90 kW 5.24 6.00 kW 5.61	Medium temperature
EN 14825 Average Climate η s Prated SCOP Tbiv TOL Pdh Tj = -7°C COP Tj = -7°C Pdh Tj = +2°C COP Tj = +2°C Pdh Tj = +7°C Pdh Tj = +7°C COP Tj = +7°C Pdh Tj = 12°C	Low temperature 205 % 6.00 kW 5.32 -10 °C -10 °C 5.80 kW 4.87 5.90 kW 5.24 6.00 kW 5.61 6.00 kW	Medium temperature
EN 14825 Average Climate η s Prated SCOP Tbiv TOL Pdh Tj = -7°C COP Tj = -7°C Pdh Tj = +2°C COP Tj = +2°C Pdh Tj = +7°C Pdh Tj = +7°C COP Tj = +7°C Pdh Tj = 12°C COP Tj = 12°C	Low temperature 205 % 6.00 kW 5.32 -10 °C -10 °C 5.80 kW 4.87 5.90 kW 5.24 6.00 kW 5.61 6.00 kW 6.03	Medium temperature
EN 14825 Average Climate η s Prated SCOP Tbiv TOL Pdh Tj = -7°C COP Tj = -7°C Pdh Tj = +2°C COP Tj = +2°C Pdh Tj = +7°C Pdh Tj = +7°C Pdh Tj = 12°C COP Tj = 12°C Pdh Tj = Tbiv	Low temperature 205 % 6.00 kW 5.32 -10 °C -10 °C 5.80 kW 4.87 5.90 kW 5.24 6.00 kW 5.61 6.00 kW 6.03 5.80 kW	Medium temperature
EN 14825 Average Climate η s Prated SCOP Tbiv TOL Pdh Tj = -7°C COP Tj = -7°C Pdh Tj = +2°C COP Tj = +2°C Pdh Tj = +7°C COP Tj = +7°C Pdh Tj = 12°C Pdh Tj = 12°C Pdh Tj = Tbiv COP Tj = Tbiv COP Tj = Tbiv	Low temperature 205 % 6.00 kW 5.32 -10 °C -10 °C 5.80 kW 4.87 5.90 kW 5.24 6.00 kW 5.61 6.00 kW 6.03 5.80 kW 4.81	Medium temperature
EN 14825 Average Climate η s Prated SCOP Tbiv TOL Pdh Tj = -7°C COP Tj = -7°C Pdh Tj = +2°C COP Tj = +2°C Pdh Tj = +7°C COP Tj = +7°C Pdh Tj = 12°C COP Tj = 12°C Pdh Tj = Tbiv COP Tj = Tbiv Pdh Tj = TDL or Pdh Tj = Tdesignh if TOL < Tdesignh	Low temperature 205 % 6.00 kW 5.32 -10 °C -10 °C 5.80 kW 4.87 5.90 kW 5.24 6.00 kW 5.61 6.00 kW 6.03 5.80 kW 4.81 5.80 kW	Medium temperature
EN 14825 Average Climate η s Prated SCOP Tbiv TOL Pdh Tj = -7°C COP Tj = -7°C Pdh Tj = +2°C COP Tj = +2°C Pdh Tj = +7°C Pdh Tj = 12°C COP Tj = 12°C COP Tj = Tbiv Pdh Tj = Tbiv COP Tj = Tbiv COP Tj = Tbiv COP Tj = TDL or Pdh Tj = Tdesignh if TOL < Tdesignh	Low temperature 205 % 6.00 kW 5.32 -10 °C -10 °C -10 °C 5.80 kW 4.87 5.90 kW 5.24 6.00 kW 5.61 6.00 kW 6.03 5.80 kW 4.81 5.80 kW 4.81	Medium temperature



Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL	0.90	
	ee °C	
Deff		
PUI		
PIU		
PSB	9 W	
PCK	0 W	
Supplementary Heater: Type of energy input	Electricity	
Supplementary Heater: PSUP	0.00 kW	
Annual energy consumption Qhe	2262 kWh	
EN 12102-1 Colder Climate		
	Low temperature	Medium temperature
Sound power level indoor	46 dB(A)	
Sound power level outdoor	0 dB(A)	
EN 14825 Colder Climate		
	Low temperature	Medium temperature
ηs	212 %	
Prated	7.00 kW	
SCOP	5.49	
Tbiv	-15 °C	
TOL	-22 °C	
Pdh Ti = -7° C	5.90 kW	
$COP Ti = -7^{\circ}C$	5.43	
Cdh Ti = -7 °C		
Pdh Ti = $+2^{\circ}$ C	6.00 kW	
$COP Ti = +2^{\circ}C$	5.72	
Cdh Ti = +2 °C	5172	
Pdh Ti = $+7^{\circ}$ C	6.00 kW	
$COP Ti = +7^{\circ}C$	5 97	
$Cdh Ti = \pm 7 ^{\circ}C$	5.57	
$Pdh Ti = 12^{\circ}C$	6 00 KW	
$COP Ti = 12^{\circ}C$	6 01	
$Cdh Ti = \pm 12 °C$	0.01	
	5 00 1/11	
	5.90 KW	
COP I = I DIV Ddh Ti - TOL or Ddh Ti - Tdooignh if TOL	5.51 5.51	
Pan $I = IOL of Pan I = Idesignn II IOL$	5.90 KW	
COP Ti - TOL or COP Ti - Tdesign if TOL	5 31	
< Tdesignh	5.51	
Rated airflow rate	0 m³/h	
Cdh Ti = TOL or Pdh Ti = Tdesignh if TOL	0.900	
< Tdesignh		
WTOL	65 °C	
Poff	0 W	



РТО	54 W	
PSB	9 W	
РСК	0 W	
Supplementary Heater: Type of energy input	Electricity	
Supplementary Heater: PSUP	1.10 kW	
Annual energy consumption Qhe	3254 kWh	
EN 12102-1 Warmer Climate		
	Low temperature	Medium temperature
Sound power level indoor	46 dB(A)	
Sound power level outdoor	0 dB(A)	
EN 14825 Warmer Climate		
	Low temperature	Medium temperature
ηs	203 %	
Prated	6.00 kW	
SCOP	5.28	
Tbiv	2 °C	
TOL	0 °C	
$Pdh Ti = -7^{\circ}C$	0.00 kW	
$COP Ti = -7^{\circ}C$	0.00	
Pdh Ti = $+2^{\circ}$ C	5.80 kW	
$COP Ti = +2^{\circ}C$	4.81	
Cdh Ti = +2 °C		
Pdh Ti = $+7^{\circ}$ C	5.90 kW	
COP Ti = +7°C	5.16	
Cdh Ti = +7 °C		
Pdh Tj = 12° C	6.00 kW	
COP Tj = 12°C	5.75	
Cdh Tj = +12 °C		
Pdh Tj = Tbiv	5.80 kW	
COP Tj = Tbiv	4.81	
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL	5.80 kW	
< Tdesignh		
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	0.900	
< Tdesignh		
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	0.20 kW
Annual energy consumption Qhe	1473 kWh



Model WPC 05 cool, average climates		
Model name	WPC 05 cool, average climate	25
Application	Heating (medium temp)	
Units	Indoor	
Climate zone (for heating)	n/a	
Cooling mode application (optional)	n/a	
Any additional heat sources	n/a	
General data		
Power supply	3x400V 50Hz	
Off-peak product	No	
Brine/Water		
EN 14511-4 Heating		
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	
EN 12102-1 Average Climate		
	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 Average Climate		
	Low temperature	Medium temperature
ης	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
$COP Tj = -7^{\circ}C$	4.87	2.94
$Pdh Tj = +2^{\circ}C$	5.90 kW	5.50 kW
$COP Tj = +2^{\circ}C$	5.24	3.49
$Pdh Tj = +7^{\circ}C$	6.00 kW	5.60 kW
$COP Tj = +7^{\circ}C$	5.61	3.92
$Pdh Tj = 12^{\circ}C$	6.00 kW	5.70 kW
$COP Tj = 12^{\circ}C$	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	5.80 kW	5.20 kW
< Tdesignh	4.01	2.01
COP IJ = IOL or COP IJ = Idesignh 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	0 W	0 W
РТО	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 Qhe	2262 kWh	3017 kWh



Model WPC 05 cool, all climates		
Model name	WPC 05 cool, all climates	
Application	Heating (low temp)	
Units	Indoor	
Climate zone (for heating)	Warmer Climate, Colder Clim	ate
Cooling mode application (optional)	n/a	
Any additional heat sources	n/a	
General data		
Power supply	3x400V 50Hz	
Off-peak product	No	
Brine/Water		
EN 14511-4 Heating		
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	
EN 12102-1 Average Climate		
	Low temperature	Medium temperature
Sound power level indoor	47 dB(A)	
Sound power level outdoor	0 dB(A)	
EN 14825 Average Climate		
	Low temperature	Medium temperature
ηs	205 %	
Prated	6.00 kW	
SCOP	5.32	
Tbiv	-10 °C	
TOL	-10 °C	
$Pdh Tj = -7^{\circ}C$	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°C	5.61	
$Pdh Tj = 12^{\circ}C$	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 Ti = TOL or COP Ti = Tdesignh if TOL		
< Tdesignh	4.81	



Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL $<$ Tdesignh	0.90	
WTO	65 °C	
Poff		
	54 W/	
	9 W	
Supplementary Heater: Type of energy input	Electricity	
Supplementary Heater: PSUP	0.00 kW	
Annual energy consumption Qhe	2262 kWh	
EN 12102-1 Colder Climate		
	Low temperature	Medium temperature
Sound power level indoor	47 dB(A)	-
Sound power level outdoor	0 dB(A)	
	· · ·	
EN 14825 Colder Climate		
	Low temperature	Medium temperature
ηs	212 %	·
Prated	7.00 kW	
SCOP	5.49	
Thiv	-15 °C	
TOI	-22 °C	
Pdh Ti = -7° C	5 90 kW	
$COP Ti = -7^{\circ}C$	5.43	
Cdh Ti = 7 °C	5.45	
$Pdh Ti = +2^{\circ}C$	6.00 kW	
Full I = +2 C	6.00 KW	
COP I J = +2 C	5.72	
$Cdn T = +2^{\circ}C$	C 00 1/1/1	
$Pan IJ = +7^{\circ}C$	6.00 KW	
$COP IJ = +7^{\circ}C$	5.97	
$Cdh I_J = +7 °C$		
$Pdh Tj = 12^{\circ}C$	6.00 kW	
COP Tj = 12°C	6.01	
Cdh Tj = +12 °C		
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	5.31	
< Tdesignh		
Rated airflow rate	0 m³/h	
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL $<$ Tdesignh	0.900	
	65 °C	
FUII		



РТО	54 W	
PSB	9 W	
РСК	0 W	
Supplementary Heater: Type of energy input	Electricity	
Supplementary Heater: PSUP	1.10 kW	
Annual energy consumption Qhe	3254 kWh	
EN 12102-1 Warmer Climate		
	Low temperature	Medium temperature
Sound power level indoor	47 dB(A)	
Sound power level outdoor	0 dB(A)	
EN 14825 Warmer Climate		
	Low temperature	Medium temperature
ns	203 %	· · · · · · · · · · · · · · · · · · ·
Prated	6.00 kW	
SCOP	5.28	
Tbiv	2 °C	
TOL	0 °C	
Pdh Ti = -7° C	0.00 kW	
$\frac{1}{1} \frac{1}{1} \frac{1}$	0.00	
Pdh Ti = $+2^{\circ}$ C	5.80 kW	
$\frac{1}{1} \frac{1}{1} \frac{1}$	4.81	
$\frac{1}{2} \frac{1}{2} \frac{1}$		
$\frac{2}{2} \frac{1}{2} \frac{1}$	5 90 kW	
$\frac{1}{1} \frac{1}{1} \frac{1}$	5 16	
Cdh Ti = +7 °C	5.10	
$Pdh Ti = 12^{\circ}C$	6 00 kW	
$\frac{1}{1000} = 12^{\circ}$	5 75	
Cdh Ti = +12 °C	5.75	
Pdh Ti - Thiv	5 80 KW	
COP Ti - Thiy	/ 81	
Pdh Ti = TOL or Pdh Ti = Tdesignh if TOL	5.80 kW	
< Tdesignh	5.00 KW	
$COP T_i = TOL or COP T_i = Tdesignh if TOL$	4.81	
< Tdesignh		
Rated airflow rate	0 m³/h	
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL	0.900	
< Tdesignh		
WTOL	65 °C	
Poff	0 W	
РТО	54 W	
PSB	9 W	
РСК	0 W	
Supplementary Heater: Type of energy input	Electricity	



Supplementary Heater: PSUP	0.20 kW
Annual energy consumption Qhe	1473 kWh