Subtype WPF 05, WPF 05 cool, WPC 05, WPC 05 cool

Certificate Holder	STIEBEL ELTRON GmbH & Co KG
Address	Dr. Stiebel Straße 33
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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

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
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°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	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 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 Climate
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°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	
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 m^3/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	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	
Tbiv	-15 °C	
TOL	-22 °C	
Pdh Tj = -7°C	5.90 kW	
COP Tj = -7°C	5.43	
Cdh Tj = -7 °C		
Pdh Tj = +2°C	6.00 kW	
COP Tj = +2°C	5.72	
Cdh Tj = +2 °C		
Pdh Tj = +7°C	6.00 kW	
COP Tj = +7°C	5.97	
Cdh Tj = +7 °C		
Pdh Tj = 12°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 < Tdesignh	5.31	
Rated airflow rate	0 m^3/h	
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	
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	1.10 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 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	
Cdh Tj = +2 °C		
Pdh Tj = +7°C	5.90 kW	
COP Tj = +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 m^3/h	
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	
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	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°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	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 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 Climate
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)	

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°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	
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 m^3/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	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 Tj = -7°C	5.90 kW	
COP Tj = -7°C	5.43	
Cdh Tj = -7 °C		
Pdh Tj = +2°C	6.00 kW	
COP Tj = +2°C	5.72	
Cdh Tj = +2 °C		
Pdh Tj = +7°C	6.00 kW	
COP Tj = +7°C	5.97	
Cdh Tj = +7 °C		
Pdh Tj = 12°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 < Tdesignh	5.31	
Rated airflow rate	0 m^3/h	
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	
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	1.10 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 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	
Cdh Tj = +2 °C		
Pdh Tj = +7°C	5.90 kW	
COP Tj = +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 m^3/h	
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	
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	0.20 kW
Annual energy consumption Qhe	1473 kWh

Model WPF 05 cool, average climates

Model name	WPF 05 cool, 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	46 dB(A)	46 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°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	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 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 Climate
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)	

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°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	
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 m^3/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	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 Tj = -7°C	5.90 kW	
COP Tj = -7°C	5.43	
Cdh Tj = -7 °C		
Pdh Tj = +2°C	6.00 kW	
COP Tj = +2°C	5.72	
Cdh Tj = +2 °C		
Pdh Tj = +7°C	6.00 kW	
COP Tj = +7°C	5.97	
Cdh Tj = +7 °C		
Pdh Tj = 12°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 < Tdesignh	5.31	
Rated airflow rate	0 m^3/h	
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	
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	1.10 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 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	
Cdh Tj = +2 °C		
Pdh Tj = +7°C	5.90 kW	
COP Tj = +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 m^3/h	
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	
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	0.20 kW
Annual energy consumption Qhe	1473 kWh

Model WPC 05 cool, average climates

Model name	WPC 05 cool, 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°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	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 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 Climate
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°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	
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 m^3/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	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	
Tbiv	-15 °C	
TOL	-22 °C	
Pdh Tj = -7°C	5.90 kW	
COP Tj = -7°C	5.43	
Cdh Tj = -7 °C		
Pdh Tj = +2°C	6.00 kW	
COP Tj = +2°C	5.72	
Cdh Tj = +2 °C		
Pdh Tj = +7°C	6.00 kW	
COP Tj = +7°C	5.97	
Cdh Tj = +7 °C		
Pdh Tj = 12°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 < Tdesignh	5.31	
Rated airflow rate	0 m^3/h	
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	
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	1.10 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 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	
Cdh Tj = +2 °C		
Pdh Tj = +7°C	5.90 kW	
COP Tj = +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 m^3/h	
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	
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	0.20 kW
Annual energy consumption Qhe	1473 kWh