Summary of	WPF 07, WPF 07 cool, WPC 07, WPC 07 cool	Reg. No.	011-1W0020
Certificate Holder			
Name	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 07, WPF 07 cool, WPC 07, WPC 07 cool		
Heat Pump Type	Brine/Water		
Refrigerant	R410a		
Mass Of Refrigerant	1.72 kg		
Certification Date	23.08.2016		

Model: WPF 07, all climates

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	7.50 kW
El input	1.55 kW
COP	4.84
Indoor water flow rate	1.28 m³/h

Average Climate

EN 12102-1	
	Low temperature
Sound power level indoor	50 dB(A)
Sound power level outdoor	0 dB(A)

EN 14825	
	Low temperature
η_s	205 %
Prated	8.00 kW
SCOP	5.32
Tbiv	-10 °C
TOL	-10 °C
Pdh Tj = -7°C	7.50 kW
COP Tj = -7°C	4.90
Pdh Tj = +2°C	7.60 kW
COP Tj = +2°C	5.25
Pdh Tj = +7°C	7.60 kW
COP Tj = +7°C	5.60
Pdh Tj = 12°C	7.70 kW
COP Tj = 12°C	5.99
Pdh Tj = Tbiv	7.50 kW

COP Tj = Tbiv	4.84
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.84
Rated airflow rate	0 m³/h
Cdh	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	2912 kWh

Warmer Climate

EN 12102-1	
	Low temperature
Sound power level indoor	50 dB(A)
Sound power level outdoor	0 dB(A)

EN 14825	
	Low temperature

η_s	204 %
Prated	8.00 kW
SCOP	5.31
Tbiv	2 °C
TOL	0 °C
Pdh Tj = -7°C	0.00 kW
COP Tj = -7°C	0.00
Pdh Tj = +2°C	7.50 kW
COP Tj = +2°C	4.84
Pdh Tj = +7°C	7.60 kW
COP Tj = +7°C	5.17
Pdh Tj = 12°C	7.70 kW
COP Tj = 12°C	5.73
Pdh Tj = Tbiv	7.50 kW
COP Tj = Tbiv	4.84
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.84
Rated airflow rate	0 m^3/h
Cdh	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	1888 kWh

Colder Climate

EN 12102-1	
	Low temperature
Sound power level indoor	50 dB(A)
Sound power level outdoor	0 dB(A)

EN 14825	
	Low temperature
η_s	211 %
Prated	9.00 kW
SCOP	5.48
Tbiv	-15 °C
TOL	-22 °C

Pdh Tj = -7°C	7.60 kW
COP Tj = -7°C	5.42
Pdh Tj = +2°C	7.70 kW
COP Tj = +2°C	5.70
Pdh Tj = +7°C	7.70 kW
COP Tj = +7°C	5.93
Pdh Tj = 12°C	7.70 kW
COP Tj = 12°C	5.97
Pdh Tj = Tbiv	7.60 kW
COP Tj = Tbiv	5.31
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.60 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	5.31
Rated airflow rate	0 m³/h
Cdh	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	1.80 kW

Annual energy consumption Qhe	4184 kWh

Model: WPF 07 cool, all climates

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	7.50 kW
El input	1.55 kW
COP	4.84
Indoor water flow rate	1.28 m³/h

Average Climate

EN 12102-1	
	Low temperature
Sound power level indoor	50 dB(A)
Sound power level outdoor	0 dB(A)

EN 14825	
	Low temperature
η_s	205 %
Prated	8.00 kW
SCOP	5.32
Tbiv	-10 °C
TOL	-10 °C
Pdh Tj = -7°C	7.50 kW
COP Tj = -7°C	4.90
Pdh Tj = +2°C	7.60 kW
COP Tj = +2°C	5.25
Pdh Tj = +7°C	7.60 kW
COP Tj = +7°C	5.60
Pdh Tj = 12°C	7.70 kW
COP Tj = 12°C	5.99
Pdh Tj = Tbiv	7.50 kW

COP Tj = Tbiv	4.84
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.84
Rated airflow rate	0 m³/h
Cdh	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	2912 kWh

Warmer Climate

EN 12102-1	
	Low temperature
Sound power level indoor	50 dB(A)
Sound power level outdoor	0 dB(A)

EN 14825	
	Low temperature

η_s	204 %
Prated	8.00 kW
SCOP	5.31
Tbiv	2 °C
TOL	0 °C
Pdh Tj = -7°C	0.00 kW
COP Tj = -7°C	0.00
Pdh Tj = +2°C	7.50 kW
COP Tj = +2°C	4.84
Pdh Tj = +7°C	7.60 kW
COP Tj = +7°C	5.17
Pdh Tj = 12°C	7.70 kW
COP Tj = 12°C	5.73
Pdh Tj = Tbiv	7.50 kW
COP Tj = Tbiv	4.84
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.84
Rated airflow rate	0 m^3/h
Cdh	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	1888 kWh

Colder Climate

EN 12102-1	
	Low temperature
Sound power level indoor	50 dB(A)
Sound power level outdoor	0 dB(A)

EN 14825	
	Low temperature
η_s	211 %
Prated	9.00 kW
SCOP	5.48
Tbiv	-15 °C
TOL	-22 °C

Pdh Tj = -7°C	7.60 kW
COP Tj = -7°C	5.42
Pdh Tj = +2°C	7.70 kW
COP Tj = +2°C	5.70
Pdh Tj = +7°C	7.70 kW
COP Tj = +7°C	5.93
Pdh Tj = 12°C	7.70 kW
COP Tj = 12°C	5.97
Pdh Tj = Tbiv	7.60 kW
COP Tj = Tbiv	5.31
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.60 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	5.31
Rated airflow rate	0 m³/h
Cdh	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	1.80 kW

Annual energy consumption Qhe	4184 kWh

Model: WPC 07, all climates

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	7.50 kW
El input	1.55 kW
COP	4.84
Indoor water flow rate	1.28 m³/h

Average Climate

EN 12102-1	
	Low temperature
Sound power level indoor	52 dB(A)
Sound power level outdoor	0 dB(A)

EN 14825	
	Low temperature
η_s	205 %
Prated	8.00 kW
SCOP	5.32
Tbiv	-10 °C
TOL	-10 °C
Pdh Tj = -7°C	7.50 kW
COP Tj = -7°C	4.90
Pdh Tj = +2°C	7.60 kW
COP Tj = +2°C	5.25
Pdh Tj = +7°C	7.60 kW
COP Tj = +7°C	5.60
Pdh Tj = 12°C	7.70 kW
COP Tj = 12°C	5.99
Pdh Tj = Tbiv	7.50 kW

COP Tj = Tbiv	4.84
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.84
Rated airflow rate	0 m³/h
Cdh	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	2912 kWh

Warmer Climate

EN 12102-1	
	Low temperature
Sound power level indoor	52 dB(A)
Sound power level outdoor	0 dB(A)

EN 14825	
	Low temperature

η_s	204 %
Prated	8.00 kW
SCOP	5.31
Tbiv	2 °C
TOL	0 °C
Pdh Tj = -7°C	0.00 kW
COP Tj = -7°C	0.00
Pdh Tj = +2°C	7.50 kW
COP Tj = +2°C	4.84
Pdh Tj = +7°C	7.60 kW
COP Tj = +7°C	5.17
Pdh Tj = 12°C	7.70 kW
COP Tj = 12°C	5.73
Pdh Tj = Tbiv	7.50 kW
COP Tj = Tbiv	4.84
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.84
Rated airflow rate	0 m^3/h
Cdh	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	1888 kWh

Colder Climate

EN 12102-1	
	Low temperature
Sound power level indoor	52 dB(A)
Sound power level outdoor	0 dB(A)

EN 14825	
	Low temperature
η_s	211 %
Prated	9.00 kW
SCOP	5.48
Tbiv	-15 °C
TOL	-22 °C

Pdh Tj = -7°C	7.60 kW
COP Tj = -7°C	5.42
Pdh Tj = +2°C	7.70 kW
COP Tj = +2°C	5.70
Pdh Tj = +7°C	7.70 kW
COP Tj = +7°C	5.93
Pdh Tj = 12°C	7.70 kW
COP Tj = 12°C	5.97
Pdh Tj = Tbiv	7.60 kW
COP Tj = Tbiv	5.31
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.60 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	5.31
Rated airflow rate	0 m³/h
Cdh	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	1.80 kW

Annual energy consumption Qhe	4184 kWh

Model: WPC 07 cool, all climates

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	7.50 kW
El input	1.55 kW
COP	4.84
Indoor water flow rate	1.28 m³/h

Average Climate

EN 12102-1	
	Low temperature
Sound power level indoor	52 dB(A)
Sound power level outdoor	0 dB(A)

EN 14825	
	Low temperature
η_s	205 %
Prated	8.00 kW
SCOP	5.32
Tbiv	-10 °C
TOL	-10 °C
Pdh Tj = -7°C	7.50 kW
COP Tj = -7°C	4.90
Pdh Tj = +2°C	7.60 kW
COP Tj = +2°C	5.25
Pdh Tj = +7°C	7.60 kW
COP Tj = +7°C	5.60
Pdh Tj = 12°C	7.70 kW
COP Tj = 12°C	5.99
Pdh Tj = Tbiv	7.50 kW

COP Tj = Tbiv	4.84
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.84
Rated airflow rate	0 m³/h
Cdh	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	2912 kWh

Warmer Climate

EN 12102-1	
	Low temperature
Sound power level indoor	52 dB(A)
Sound power level outdoor	0 dB(A)

EN 14825	
	Low temperature

η_s	204 %
Prated	8.00 kW
SCOP	5.31
Tbiv	2 °C
TOL	0 °C
Pdh Tj = -7°C	0.00 kW
COP Tj = -7°C	0.00
Pdh Tj = +2°C	7.50 kW
COP Tj = +2°C	4.84
Pdh Tj = +7°C	7.60 kW
COP Tj = +7°C	5.17
Pdh Tj = 12°C	7.70 kW
COP Tj = 12°C	5.73
Pdh Tj = Tbiv	7.50 kW
COP Tj = Tbiv	4.84
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.84
Rated airflow rate	0 m^3/h
Cdh	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	1888 kWh

Colder Climate

EN 12102-1	
	Low temperature
Sound power level indoor	52 dB(A)
Sound power level outdoor	0 dB(A)

EN 14825	
	Low temperature
η_s	211 %
Prated	9.00 kW
SCOP	5.48
Tbiv	-15 °C
TOL	-22 °C

Pdh Tj = -7°C	7.60 kW
COP Tj = -7°C	5.42
Pdh Tj = +2°C	7.70 kW
COP Tj = +2°C	5.70
Pdh Tj = +7°C	7.70 kW
COP Tj = +7°C	5.93
Pdh Tj = 12°C	7.70 kW
COP Tj = 12°C	5.97
Pdh Tj = Tbiv	7.60 kW
COP Tj = Tbiv	5.31
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.60 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	5.31
Rated airflow rate	0 m³/h
Cdh	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	1.80 kW

Annual energy consumption Qhe	4184 kWh

Model: WPF 07, average climates

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	7.50 kW	6.91 kW
El input	1.55 kW	2.35 kW
COP	4.84	2.94
Indoor water flow rate	1.28 m³/h	1.28 m³/h

Average Climate

EN 12102-1		
	Low temperature	**Medium temperature**
Sound power level indoor	50 dB(A)	50 dB(A)
Sound power level outdoor	0 dB(A)	0 dB(A)

EN 14825		
	Low temperature	**Medium temperature**
η_s	205 %	139 %
Prated	8.00 kW	7.00 kW
SCOP	5.32	3.67
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.50 kW	7.00 kW
COP Tj = -7°C	4.90	3.07
Pdh Tj = +2°C	7.60 kW	7.20 kW
COP Tj = +2°C	5.25	3.61
Pdh Tj = +7°C	7.60 kW	7.30 kW
COP Tj = +7°C	5.60	4.02
Pdh Tj = 12°C	7.70 kW	7.40 kW
COP Tj = 12°C	5.99	4.52
Pdh Tj = Tbiv	7.50 kW	6.90 kW

COP Tj = Tbiv	4.84	2.94
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.50 kW	6.90 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.84	2.94
Rated airflow rate	0 m³/h	0 m³/h
Cdh	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	2912 kWh	3891 kWh

Warmer Climate

Colder Climate

Model: WPF 07 cool, average climates

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	7.50 kW	6.91 kW
El input	1.55 kW	2.35 kW
COP	4.84	2.94
Indoor water flow rate	1.28 m³/h	1.28 m³/h

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	50 dB(A)	50 dB(A)
Sound power level outdoor	0 dB(A)	0 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	205 %	139 %
Prated	8.00 kW	7.00 kW
SCOP	5.32	3.67
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.50 kW	7.00 kW
COP Tj = -7°C	4.90	3.07
Pdh Tj = +2°C	7.60 kW	7.20 kW
COP Tj = +2°C	5.25	3.61
Pdh Tj = +7°C	7.60 kW	7.30 kW
COP Tj = +7°C	5.60	4.02
Pdh Tj = 12°C	7.70 kW	7.40 kW
COP Tj = 12°C	5.99	4.52
Pdh Tj = Tbiv	7.50 kW	6.90 kW

COP Tj = Tbiv	4.84	2.94
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.50 kW	6.90 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.84	2.94
Rated airflow rate	0 m³/h	0 m³/h
Cdh	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	2912 kWh	3891 kWh

Warmer Climate

Colder Climate

Model: WPC 07 , average climates

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	7.50 kW	6.91 kW
El input	1.55 kW	2.35 kW
COP	4.84	2.94
Indoor water flow rate	1.28 m³/h	1.28 m³/h

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	52 dB(A)	52 dB(A)
Sound power level outdoor	0 dB(A)	0 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	205 %	139 %
Prated	8.00 kW	7.00 kW
SCOP	5.32	3.67
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.50 kW	7.00 kW
COP Tj = -7°C	4.90	3.07
Pdh Tj = +2°C	7.60 kW	7.20 kW
COP Tj = +2°C	5.25	3.61
Pdh Tj = +7°C	7.60 kW	7.30 kW
COP Tj = +7°C	5.60	4.02
Pdh Tj = 12°C	7.70 kW	7.40 kW
COP Tj = 12°C	5.99	4.52
Pdh Tj = Tbiv	7.50 kW	6.90 kW

COP Tj = Tbiv	4.84	2.94
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.50 kW	6.90 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.84	2.94
Rated airflow rate	0 m³/h	0 m³/h
Cdh	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	2912 kWh	3891 kWh

Warmer Climate

Colder Climate

Model: WPC 07 cool, average climates

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	7.50 kW	6.91 kW
El input	1.55 kW	2.35 kW
COP	4.84	2.94
Indoor water flow rate	1.28 m³/h	1.28 m³/h

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	52 dB(A)	52 dB(A)
Sound power level outdoor	0 dB(A)	0 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	205 %	139 %
Prated	8.00 kW	7.00 kW
SCOP	5.32	3.67
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.50 kW	7.00 kW
COP Tj = -7°C	4.90	3.07
Pdh Tj = +2°C	7.60 kW	7.20 kW
COP Tj = +2°C	5.25	3.61
Pdh Tj = +7°C	7.60 kW	7.30 kW
COP Tj = +7°C	5.60	4.02
Pdh Tj = 12°C	7.70 kW	7.40 kW
COP Tj = 12°C	5.99	4.52
Pdh Tj = Tbiv	7.50 kW	6.90 kW

COP Tj = Tbiv	4.84	2.94
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.50 kW	6.90 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.84	2.94
Rated airflow rate	0 m³/h	0 m³/h
Cdh	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	2912 kWh	3891 kWh

Warmer Climate

Colder Climate