Subtype THERMOR AUREA 2 size 12 R290	
Certificate Holder	Groupe Atlantic
Address	Rue des Fondeurs BP 64
ZIP	59660
City	Merville
Country	FR
Certification Body	RISE CERT
Subtype title	THERMOR AUREA 2 size 12 R290
Registration number	012-C700424
Heat Pump Type	Outdoor Air/Water
Refrigerant	R290
Mass of Refrigerant	1.25 kg
Certification Date	23.09.2025
Testing basis	EN 14511:2022, EN 14825:2022, EN 16147:2017+A1:2022, EN 12102:2022
Testing laboratory	ACTA INDUSTRIE - Laboratoire Acoustique et Climatique

Model THERMOR AUREA 2 M12	
Model name	THERMOR AUREA 2 M12
Application	Heating (medium temp)
Units	Indoor, Outdoor
Climate zone (for heating)	Warmer Climate
Reversibility	Yes
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data	
Power supply	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water	

EN 14511-4 | Heating	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating		
	Low temperature	Medium temperature
Heat output	14.39 kW	15.63 kW
El input	3.02 kW	4.90 kW
COP	4.77	3.19

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level indoor	36 dB(A)	36 dB(A)
Sound power level outdoor	59 dB(A)	59 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	187 %	138 %
Prated	14.20 kW	14.10 kW
SCOP	4.74	3.54
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	12.60 kW	12.50 kW
COP Tj = -7°C	3.20	2.20
Cdh Tj = -7 °C	0.990	1.000
Pdh Tj = +2°C	7.70 kW	7.60 kW
COP Tj = +2°C	4.45	3.48
Cdh Tj = +2 °C	0.990	0.990

Pdh Tj = +7°C	5.90 kW	5.50 kW
COP Tj = +7°C	6.66	4.64
Cdh Tj = +7 °C	0.970	0.980
Pdh Tj = 12°C	6.40 kW	6.10 kW
COP Tj = 12°C	6.93	5.52
Cdh Tj = +12 °C	0.970	0.980
Pdh Tj = Tbiv	12.60 kW	12.50 kW
COP Tj = Tbiv	3.20	2.20
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.10 kW	11.40 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.82	1.94
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	1.000
WTOL	75 °C	75 °C
Poff	14 W	14 W
PTO	24 W	24 W
PSB	14 W	14 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	2.10 kW	2.70 kW
Annual energy consumption Qhe	6192 kWh	8240 kWh

EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level indoor	36 dB(A)	36 dB(A)
Sound power level outdoor	59 dB(A)	59 dB(A)

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
ηs	223 %	157 %
Prated	14.30 kW	14.00 kW
SCOP	5.64	3.99
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	14.30 kW	14.00 kW
COP Tj = +2°C	3.17	2.46
Cdh Tj = +2 °C	0.990	1.000
Pdh Tj = +7°C	9.20 kW	9.00 kW
COP Tj = +7°C	5.34	3.68
Cdh Tj = +7 °C	0.990	0.990
Pdh Tj = 12°C	6.30 kW	5.60 kW
COP Tj = 12°C	6.61	4.66
Cdh Tj = +12 °C	0.970	0.980
Pdh Tj = Tbiv	14.30 kW	14.00 kW
COP Tj = Tbiv	3.17	2.46

Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	14.30 kW	14.00 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.17	2.46
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	1.000
WTOL	75 °C	75 °C
Poff	14 W	14 W
PTO	24 W	24 W
PSB	14 W	14 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	3386 kWh	4689 kWh

Model THERMOR AUREA COMPACT 2 -12	
Model name	THERMOR AUREA COMPACT 2 -12
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	Warmer Climate
Reversibility	Yes
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data	
Power supply	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water	
EN 14511-4 | Heating	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating		
	Low temperature	Medium temperature
Heat output	14.46 kW	15.78 kW
El input	2.93 kW	4.87 kW
COP	4.94	3.24

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	59 dB(A)	59 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	192 %	142 %
Prated	14.20 kW	14.30 kW
SCOP	4.73	3.61
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	12.60 kW	12.70 kW
COP Tj = -7°C	3.28	2.23
Cdh Tj = -7 °C	0.990	1.000
Pdh Tj = +2°C	7.70 kW	7.70 kW
COP Tj = +2°C	4.55	3.56
Cdh Tj = +2 °C	0.990	0.990
Pdh Tj = +7°C	6.00 kW	5.60 kW

COP Tj = +7°C	6.91	4.76
Cdh Tj = +7 °C	0.970	0.980
Pdh Tj = 12°C	6.50 kW	6.10 kW
COP Tj = 12°C	7.15	5.64
Cdh Tj = +12 °C	0.980	0.980
Pdh Tj = Tbiv	12.60 kW	12.70 kW
COP Tj = Tbiv	3.28	2.23
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.20 kW	11.60 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.89	1.98
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	1.000
WTOL	75 °C	75 °C
Poff	14 W	14 W
PTO	22 W	22 W
PSB	14 W	14 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	2.00 kW	2.70 kW
Annual energy consumption Qhe	6022 kWh	8178 kWh

EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level outdoor	59 dB(A)	59 dB(A)

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
ηs	231 %	160 %
Prated	14.30 kW	14.10 kW
SCOP	5.85	4.07
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	14.30 kW	14.10 kW
COP Tj = +2°C	3.25	2.48
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = +7°C	9.20 kW	9.10 kW
COP Tj = +7°C	5.55	3.76
Cdh Tj = +7 °C	0.990	0.990
Pdh Tj = 12°C	6.40 kW	5.80 kW
COP Tj = 12°C	6.80	4.76
Cdh Tj = +12 °C	0.980	0.980
Pdh Tj = Tbiv	14.30 kW	14.10 kW
COP Tj = Tbiv	3.25	2.48
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	14.30 kW	14.10 kW

COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.25	2.48
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.000	1.000
WTOL	75 °C	75 °C
Poff	14 W	14 W
PTO	22 W	22 W
PSB	14 W	14 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	3269 kWh	4628 kWh

Model THERMOR AUREA 2 M12 TRI	
Model name	THERMOR AUREA 2 M12 TRI
Application	Heating (medium temp)
Units	Indoor, Outdoor
Climate zone (for heating)	Warmer Climate
Reversibility	Yes
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data	
Power supply	3x400V 50Hz
Off-peak product	n/a

Outdoor Air/Water	
EN 14511-4 | Heating	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating		
	Low temperature	Medium temperature
Heat output	14.39 kW	15.63 kW
El input	3.02 kW	4.90 kW
COP	4.77	3.19

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level indoor	36 dB(A)	36 dB(A)
Sound power level outdoor	59 dB(A)	59 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	187 %	138 %
Prated	14.20 kW	14.10 kW
SCOP	4.74	3.54
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	12.60 kW	12.50 kW
COP Tj = -7°C	3.20	2.20
Cdh Tj = -7 °C	0.990	1.000
Pdh Tj = +2°C	7.70 kW	7.60 kW
COP Tj = +2°C	4.45	3.48
Cdh Tj = +2 °C	0.990	0.990

Pdh Tj = +7°C	5.90 kW	5.50 kW
COP Tj = +7°C	6.66	4.64
Cdh Tj = +7 °C	0.970	0.980
Pdh Tj = 12°C	6.40 kW	6.10 kW
COP Tj = 12°C	6.93	5.52
Cdh Tj = +12 °C	0.970	0.980
Pdh Tj = Tbiv	12.60 kW	12.50 kW
COP Tj = Tbiv	3.20	2.20
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.10 kW	11.40 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.82	1.94
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	1.000
WTOL	75 °C	75 °C
Poff	14 W	14 W
PTO	24 W	24 W
PSB	14 W	14 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	2.10 kW	2.70 kW
Annual energy consumption Qhe	6192 kWh	8240 kWh

EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level indoor	36 dB(A)	36 dB(A)
Sound power level outdoor	59 dB(A)	59 dB(A)

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
ηs	223 %	157 %
Prated	14.30 kW	14.00 kW
SCOP	5.64	3.99
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	14.30 kW	14.00 kW
COP Tj = +2°C	3.17	2.46
Cdh Tj = +2 °C	0.990	1.000
Pdh Tj = +7°C	9.20 kW	9.00 kW
COP Tj = +7°C	5.34	3.68
Cdh Tj = +7 °C	0.990	0.990
Pdh Tj = 12°C	6.30 kW	5.60 kW
COP Tj = 12°C	6.61	4.66
Cdh Tj = +12 °C	0.970	0.980
Pdh Tj = Tbiv	14.30 kW	14.00 kW
COP Tj = Tbiv	3.17	2.46

Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	14.30 kW	14.00 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.17	2.46
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	1.000
WTOL	75 °C	75 °C
Poff	14 W	14 W
PTO	24 W	24 W
PSB	14 W	14 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	3386 kWh	4689 kWh

Model THERMOR AUREA 2 DUO 12

Model name	THERMOR AUREA 2 DUO 12
Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	Warmer Climate
Reversibility	Yes
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data

Power supply	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water

EN 16147 | Average Climate

Declared load profile	L
Efficiency ηDHW	120 %
COP	3.00
Heating up time	01:15 h:min
Standby power input	42.0 W
Reference hot water temperature	55.0 °C
Mixed water at 40°C	230 l

EN 16147 | Warmer Climate

Declared load profile	L
Efficiency ηDHW	131 %
COP	3.30
Heating up time	1:00 h:min
Standby power input	40.0 W
Reference hot water temperature	55.0 °C
Mixed water at 40°C	230 l

EN 14511-4 | Heating

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

EN 14511-2 | Heating

	Low temperature	Medium temperature
Heat output	14.39 kW	15.63 kW
El input	3.02 kW	4.90 kW
COP	4.77	3.19

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	36 dB(A)	36 dB(A)
Sound power level outdoor	59 dB(A)	59 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
ηs	187 %	138 %
Prated	14.20 kW	14.10 kW
SCOP	4.74	3.54
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	12.60 kW	12.50 kW
COP Tj = -7°C	3.20	2.20
Cdh Tj = -7 °C	0.990	1.000
Pdh Tj = +2°C	7.70 kW	7.60 kW
COP Tj = +2°C	4.45	3.48
Cdh Tj = +2 °C	0.990	0.990
Pdh Tj = +7°C	5.90 kW	5.50 kW
COP Tj = +7°C	6.66	4.64
Cdh Tj = +7 °C	0.970	0.980
Pdh Tj = 12°C	6.40 kW	6.10 kW
COP Tj = 12°C	6.93	5.52
Cdh Tj = +12 °C	0.970	0.980
Pdh Tj = Tbiv	12.60 kW	12.50 kW
COP Tj = Tbiv	3.20	2.20
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.10 kW	11.40 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.82	1.94
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	1.000
WTOL	75 °C	75 °C
Poff	14 W	14 W
PTO	24 W	24 W
PSB	14 W	14 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	2.10 kW	2.70 kW
Annual energy consumption Qhe	6192 kWh	8240 kWh

EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level indoor	36 dB(A)	36 dB(A)
Sound power level outdoor	59 dB(A)	59 dB(A)

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
ηs	223 %	157 %
Prated	14.30 kW	14.00 kW
SCOP	5.64	3.99
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	14.30 kW	14.00 kW
COP Tj = +2°C	3.17	2.46
Cdh Tj = +2 °C	0.990	1.000
Pdh Tj = +7°C	9.20 kW	9.00 kW
COP Tj = +7°C	5.34	3.68
Cdh Tj = +7 °C	0.990	0.990
Pdh Tj = 12°C	6.30 kW	5.60 kW
COP Tj = 12°C	6.61	4.66
Cdh Tj = +12 °C	0.970	0.980
Pdh Tj = Tbiv	14.30 kW	14.00 kW
COP Tj = Tbiv	3.17	2.46
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	14.30 kW	14.00 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.17	2.46
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	1.000
WTOL	75 °C	75 °C
Poff	14 W	14 W
PTO	24 W	24 W
PSB	14 W	14 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	3386 kWh	4689 kWh

Model THERMOR AUREA 2 DUO 12 TRI	
Model name	THERMOR AUREA 2 DUO 12 TRI
Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	Warmer Climate
Reversibility	Yes
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data	
Power supply	3x400V 50Hz
Off-peak product	n/a

Outdoor Air/Water	
EN 16147 | Average Climate	
Declared load profile	L
Efficiency ηDHW	120 %
COP	3.00
Heating up time	01:15 h:min
Standby power input	42.0 W
Reference hot water temperature	55.0 °C
Mixed water at 40°C	230 l
EN 16147 | Warmer Climate	
Declared load profile	L
Efficiency ηDHW	131 %
COP	3.30
Heating up time	1:00 h:min
Standby power input	40.0 W
Reference hot water temperature	55.0 °C
Mixed water at 40°C	230 l

EN 14511-4 | Heating	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating	Low temperature	Medium temperature
Heat output	14.39 kW	15.63 kW
El input	3.02 kW	4.90 kW
COP	4.77	3.19

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	36 dB(A)	36 dB(A)
Sound power level outdoor	59 dB(A)	59 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
ηs	187 %	138 %
Prated	14.20 kW	14.10 kW
SCOP	4.74	3.54
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	12.60 kW	12.50 kW
COP Tj = -7°C	3.20	2.20
Cdh Tj = -7 °C	0.990	1.000
Pdh Tj = +2°C	7.70 kW	7.60 kW
COP Tj = +2°C	4.45	3.48
Cdh Tj = +2 °C	0.990	0.990
Pdh Tj = +7°C	5.90 kW	5.50 kW
COP Tj = +7°C	6.66	4.64
Cdh Tj = +7 °C	0.970	0.980
Pdh Tj = 12°C	6.40 kW	6.10 kW
COP Tj = 12°C	6.93	5.52
Cdh Tj = +12 °C	0.970	0.980
Pdh Tj = Tbiv	12.60 kW	12.50 kW
COP Tj = Tbiv	3.20	2.20
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.10 kW	11.40 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.82	1.94
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	1.000
WTOL	75 °C	75 °C
Poff	14 W	14 W
PTO	24 W	24 W
PSB	14 W	14 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	2.10 kW	2.70 kW
Annual energy consumption Qhe	6192 kWh	8240 kWh

EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level indoor	36 dB(A)	36 dB(A)
Sound power level outdoor	59 dB(A)	59 dB(A)

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
ηs	223 %	157 %
Prated	14.30 kW	14.00 kW
SCOP	5.64	3.99
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	14.30 kW	14.00 kW
COP Tj = +2°C	3.17	2.46
Cdh Tj = +2 °C	0.990	1.000
Pdh Tj = +7°C	9.20 kW	9.00 kW
COP Tj = +7°C	5.34	3.68
Cdh Tj = +7 °C	0.990	0.990
Pdh Tj = 12°C	6.30 kW	5.60 kW
COP Tj = 12°C	6.61	4.66
Cdh Tj = +12 °C	0.970	0.980
Pdh Tj = Tbiv	14.30 kW	14.00 kW
COP Tj = Tbiv	3.17	2.46
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	14.30 kW	14.00 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.17	2.46
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	1.000
WTOL	75 °C	75 °C
Poff	14 W	14 W
PTO	24 W	24 W
PSB	14 W	14 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	3386 kWh	4689 kWh

Model THERMOR AUREA COMPACT 2 - 12 TRI	
Model name	THERMOR AUREA COMPACT 2 - 12 TRI
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	Warmer Climate
Reversibility	Yes
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data	
Power supply	3x400V 50Hz
Off-peak product	n/a

Outdoor Air/Water	
EN 14511-4 | Heating	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating		
	Low temperature	Medium temperature
Heat output	14.46 kW	15.78 kW
El input	2.93 kW	4.87 kW
COP	4.94	3.24

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	59 dB(A)	59 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	192 %	142 %
Prated	14.20 kW	14.30 kW
SCOP	4.73	3.61
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	12.60 kW	12.70 kW
COP Tj = -7°C	3.28	2.23
Cdh Tj = -7 °C	0.990	1.000
Pdh Tj = +2°C	7.70 kW	7.70 kW
COP Tj = +2°C	4.55	3.56
Cdh Tj = +2 °C	0.990	0.990
Pdh Tj = +7°C	6.00 kW	5.60 kW

COP Tj = +7°C	6.91	4.76
Cdh Tj = +7 °C	0.970	0.980
Pdh Tj = 12°C	6.50 kW	6.10 kW
COP Tj = 12°C	7.15	5.64
Cdh Tj = +12 °C	0.980	0.980
Pdh Tj = Tbiv	12.60 kW	12.70 kW
COP Tj = Tbiv	3.28	2.23
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.20 kW	11.60 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.89	1.98
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	1.000
WTOL	75 °C	75 °C
Poff	14 W	14 W
PTO	22 W	22 W
PSB	14 W	14 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	2.00 kW	2.70 kW
Annual energy consumption Qhe	6022 kWh	8178 kWh

EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level outdoor	59 dB(A)	59 dB(A)

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
ηs	231 %	160 %
Prated	14.30 kW	14.10 kW
SCOP	5.85	4.07
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	14.30 kW	14.10 kW
COP Tj = +2°C	3.25	2.48
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = +7°C	9.20 kW	9.10 kW
COP Tj = +7°C	5.55	3.76
Cdh Tj = +7 °C	0.990	0.990
Pdh Tj = 12°C	6.40 kW	5.80 kW
COP Tj = 12°C	6.80	4.76
Cdh Tj = +12 °C	0.980	0.980
Pdh Tj = Tbiv	14.30 kW	14.10 kW
COP Tj = Tbiv	3.25	2.48
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	14.30 kW	14.10 kW

COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.25	2.48
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.000	1.000
WTOL	75 °C	75 °C
Poff	14 W	14 W
PTO	22 W	22 W
PSB	14 W	14 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	3269 kWh	4628 kWh