Subtype THERMOR AUREA 2 size 3 and 4 (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 3 and 4 (R290)
Registration number	012-C700421
Heat Pump Type	Outdoor Air/Water
Refrigerant	R290
Mass of Refrigerant	0.8 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 COMPACT 2 - 3	
Model name	THERMOR AUREA COMPACT 2 - 3
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	5.10 kW	5.11 kW
El input	0.91 kW	1.50 kW
COP	5.58	3.40

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	197 %	135 %
Prated	6.20 kW	4.80 kW
SCOP	5.00	3.46
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.50 kW	4.20 kW
COP Tj = -7°C	3.44	2.39
Cdh Tj = -7 °C	0.990	0.990
Pdh Tj = +2°C	3.30 kW	2.60 kW
COP Tj = +2°C	4.77	3.36
Cdh Tj = +2 °C	0.980	0.980
Pdh Tj = +7°C	2.10 kW	2.30 kW

COP Tj = +7°C	6.70	4.48
Cdh Tj = +7 °C	0.960	0.980
Pdh Tj = 12°C	2.30 kW	2.90 kW
COP Tj = 12°C	7.31	4.89
Cdh Tj = +12 °C	0.960	0.980
Pdh Tj = Tbiv	5.50 kW	4.20 kW
COP Tj = Tbiv	3.44	2.39
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.00 kW	3.70 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.14	2.09
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	0.990
WTOL	75 °C	75 °C
Poff	8 W	8 W
PTO	12 W	12 W
PSB	8 W	8 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.20 kW	1.10 kW
Annual energy consumption Qhe	2563 kWh	2869 kWh

EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
ηs	232 %	149 %
Prated	5.70 kW	5.30 kW
SCOP	5.86	3.79
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	5.70 kW	5.30 kW
COP Tj = +2°C	3.86	2.70
Cdh Tj = +2 °C	0.990	0.990
Pdh Tj = +7°C	3.70 kW	3.40 kW
COP Tj = +7°C	5.78	3.68
Cdh Tj = +7 °C	0.980	0.990
Pdh Tj = 12°C	2.40 kW	3.40 kW
COP Tj = 12°C	6.47	4.17
Cdh Tj = +12 °C	0.970	0.990
Pdh Tj = Tbiv	5.70 kW	5.30 kW
COP Tj = Tbiv	3.86	2.70
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.70 kW	5.30 kW

COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.86	2.70
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	0.990
WTOL	75 °C	75 °C
Poff	8 W	8 W
PTO	12 W	12 W
PSB	8 W	8 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	1299 kWh	1867 kWh

Model THERMOR AUREA COMPACT 2 - 4	
Model name	THERMOR AUREA COMPACT 2 - 4
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	5.98 kW	5.98 kW
El input	1.12 kW	1.83 kW
COP	5.34	3.26

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	197 %	135 %
Prated	6.20 kW	4.80 kW
SCOP	5.00	3.46
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.50 kW	4.20 kW
COP Tj = -7°C	3.44	2.39
Cdh Tj = -7 °C	0.990	0.990
Pdh Tj = +2°C	3.30 kW	2.60 kW
COP Tj = +2°C	4.77	3.36
Cdh Tj = +2 °C	0.980	0.980
Pdh Tj = +7°C	2.10 kW	2.30 kW

COP Tj = +7°C	6.70	4.48
Cdh Tj = +7 °C	0.960	0.980
Pdh Tj = 12°C	2.30 kW	2.90 kW
COP Tj = 12°C	7.31	4.89
Cdh Tj = +12 °C	0.960	0.980
Pdh Tj = Tbiv	5.50 kW	4.20 kW
COP Tj = Tbiv	3.44	2.39
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.00 kW	3.70 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.14	2.09
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	0.990
WTOL	75 °C	75 °C
Poff	8 W	8 W
PTO	12 W	12 W
PSB	8 W	8 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.20 kW	1.10 kW
Annual energy consumption Qhe	2563 kWh	2869 kWh

EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
ηs	232 %	149 %
Prated	5.70 kW	5.30 kW
SCOP	5.86	3.79
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	5.70 kW	5.30 kW
COP Tj = +2°C	3.86	2.70
Cdh Tj = +2 °C	0.990	0.990
Pdh Tj = +7°C	3.70 kW	3.40 kW
COP Tj = +7°C	5.78	3.68
Cdh Tj = +7 °C	0.980	0.990
Pdh Tj = 12°C	2.40 kW	3.40 kW
COP Tj = 12°C	6.47	4.17
Cdh Tj = +12 °C	0.970	0.990
Pdh Tj = Tbiv	5.70 kW	5.30 kW
COP Tj = Tbiv	3.86	2.70
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.70 kW	5.30 kW

COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.86	2.70
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	0.990
WTOL	75 °C	75 °C
Poff	8 W	8 W
PTO	12 W	12 W
PSB	8 W	8 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	1299 kWh	1867 kWh

Model THERMOR AUREA 2 M3	
Model name	THERMOR AUREA 2 M3
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	5.04 kW	4.99 kW
El input	0.93 kW	1.52 kW
COP	5.41	3.29

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level indoor	36 dB(A)	36 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	187 %	127 %
Prated	6.10 kW	4.60 kW
SCOP	4.75	3.25
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.40 kW	4.10 kW
COP Tj = -7°C	3.33	2.27
Cdh Tj = -7 °C	0.990	0.990
Pdh Tj = +2°C	3.30 kW	2.50 kW
COP Tj = +2°C	4.56	3.15
Cdh Tj = +2 °C	0.980	0.980

Pdh Tj = +7°C	2.10 kW	2.20 kW
COP Tj = +7°C	6.20	4.20
Cdh Tj = +7 °C	0.960	0.970
Pdh Tj = 12°C	2.20 kW	2.90 kW
COP Tj = 12°C	6.83	4.65
Cdh Tj = +12 °C	0.960	0.980
Pdh Tj = Tbiv	5.40 kW	4.10 kW
COP Tj = Tbiv	3.33	2.27
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.90 kW	3.60 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.97	1.97
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	0.990
WTOL	75 °C	75 °C
Poff	8 W	8 W
PTO	14 W	14 W
PSB	8 W	8 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.20 kW	1.00 kW
Annual energy consumption Qhe	2655 kWh	2924 kWh

EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level indoor	36 dB(A)	36 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
ηs	220 %	141 %
Prated	5.60 kW	5.20 kW
SCOP	5.57	3.59
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	5.60 kW	5.20 kW
COP Tj = +2°C	3.75	2.60
Cdh Tj = +2 °C	0.990	0.990
Pdh Tj = +7°C	3.60 kW	3.30 kW
COP Tj = +7°C	5.53	3.51
Cdh Tj = +7 °C	0.980	0.990
Pdh Tj = 12°C	2.40 kW	3.30 kW
COP Tj = 12°C	6.13	3.97
Cdh Tj = +12 °C	0.960	0.980
Pdh Tj = Tbiv	5.60 kW	5.20 kW
COP Tj = Tbiv	3.75	2.60

Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.60 kW	5.20 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.75	2.60
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	0.990
WTOL	75 °C	75 °C
Poff	8 W	8 W
PTO	14 W	14 W
PSB	8 W	8 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	1344 kWh	1934 kWh

Model THERMOR AUREA 2 M4	
Model name	THERMOR AUREA 2 M4
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	5.90 kW	5.84 kW
El input	1.14 kW	1.85 kW
COP	5.17	3.16

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level indoor	36 dB(A)	36 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	187 %	127 %
Prated	6.10 kW	4.60 kW
SCOP	4.75	3.25
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.40 kW	4.10 kW
COP Tj = -7°C	3.33	2.27
Cdh Tj = -7 °C	0.990	0.990
Pdh Tj = +2°C	3.30 kW	2.50 kW
COP Tj = +2°C	4.56	3.15
Cdh Tj = +2 °C	0.980	0.980

Pdh Tj = +7°C	2.10 kW	2.20 kW
COP Tj = +7°C	6.20	4.20
Cdh Tj = +7 °C	0.960	0.970
Pdh Tj = 12°C	2.20 kW	2.90 kW
COP Tj = 12°C	6.83	4.65
Cdh Tj = +12 °C	0.960	0.980
Pdh Tj = Tbiv	5.40 kW	4.10 kW
COP Tj = Tbiv	3.33	2.27
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.90 kW	3.60 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.97	1.97
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	0.990
WTOL	75 °C	75 °C
Poff	8 W	8 W
PTO	14 W	14 W
PSB	8 W	8 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.20 kW	1.00 kW
Annual energy consumption Qhe	2655 kWh	2924 kWh

EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level indoor	36 dB(A)	36 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
ηs	220 %	141 %
Prated	5.60 kW	5.20 kW
SCOP	5.57	3.59
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	5.60 kW	5.20 kW
COP Tj = +2°C	3.75	2.60
Cdh Tj = +2 °C	0.990	0.990
Pdh Tj = +7°C	3.60 kW	3.30 kW
COP Tj = +7°C	5.53	3.51
Cdh Tj = +7 °C	0.980	0.990
Pdh Tj = 12°C	2.40 kW	3.30 kW
COP Tj = 12°C	6.13	3.97
Cdh Tj = +12 °C	0.960	0.980
Pdh Tj = Tbiv	5.60 kW	5.20 kW
COP Tj = Tbiv	3.75	2.60

Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.60 kW	5.20 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.75	2.60
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	0.990
WTOL	75 °C	75 °C
Poff	8 W	8 W
PTO	14 W	14 W
PSB	8 W	8 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	1344 kWh	1934 kWh

Model THERMOR AUREA 2 DUO 3

Model name	THERMOR AUREA 2 DUO 3
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	124 %
COP	3.10
Heating up time	01:35 h:min
Standby power input	40.0 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	136 %
COP	3.40
Heating up time	1:20 h:min
Standby power input	38.0 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	5.04 kW	4.99 kW
El input	0.93 kW	1.52 kW
COP	5.41	3.29

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	36 dB(A)	36 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
ηs	187 %	127 %
Prated	6.10 kW	4.60 kW
SCOP	4.75	3.25
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.40 kW	4.10 kW
COP Tj = -7°C	3.33	2.27
Cdh Tj = -7 °C	0.990	0.990
Pdh Tj = +2°C	3.30 kW	2.50 kW
COP Tj = +2°C	4.56	3.15
Cdh Tj = +2 °C	0.980	0.980
Pdh Tj = +7°C	2.10 kW	2.20 kW
COP Tj = +7°C	6.20	4.20
Cdh Tj = +7 °C	0.960	0.970
Pdh Tj = 12°C	2.20 kW	2.90 kW
COP Tj = 12°C	6.83	4.65
Cdh Tj = +12 °C	0.960	0.980
Pdh Tj = Tbiv	5.40 kW	4.10 kW
COP Tj = Tbiv	3.33	2.27
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.90 kW	3.60 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.97	1.97
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	0.990
WTOL	75 °C	75 °C
Poff	8 W	8 W
PTO	14 W	14 W
PSB	8 W	8 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.20 kW	1.00 kW
Annual energy consumption Qhe	2655 kWh	2924 kWh

EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level indoor	36 dB(A)	36 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
ηs	220 %	141 %
Prated	5.60 kW	5.20 kW
SCOP	5.57	3.59
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	5.60 kW	5.20 kW
COP Tj = +2°C	3.75	2.60
Cdh Tj = +2 °C	0.990	0.990
Pdh Tj = +7°C	3.60 kW	3.30 kW
COP Tj = +7°C	5.53	3.51
Cdh Tj = +7 °C	0.980	0.990
Pdh Tj = 12°C	2.40 kW	3.30 kW
COP Tj = 12°C	6.13	3.97
Cdh Tj = +12 °C	0.960	0.980
Pdh Tj = Tbiv	5.60 kW	5.20 kW
COP Tj = Tbiv	3.75	2.60
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.60 kW	5.20 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.75	2.60
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	0.990
WTOL	75 °C	75 °C
Poff	8 W	8 W
PTO	14 W	14 W
PSB	8 W	8 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	1344 kWh	1934 kWh

Model THERMOR AUREA 2 DUO 4

Model name	THERMOR AUREA 2 DUO 4
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	124 %
COP	3.10
Heating up time	01:35 h:min
Standby power input	40.0 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	136 %
COP	3.40
Heating up time	1:20 h:min
Standby power input	38.0 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	5.90 kW	5.84 kW
El input	1.14 kW	1.85 kW
COP	5.17	3.16

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	36 dB(A)	36 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
ηs	187 %	127 %
Prated	6.10 kW	4.60 kW
SCOP	4.75	3.25
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.40 kW	4.10 kW
COP Tj = -7°C	3.33	2.27
Cdh Tj = -7 °C	0.990	0.990
Pdh Tj = +2°C	3.30 kW	2.50 kW
COP Tj = +2°C	4.56	3.15
Cdh Tj = +2 °C	0.980	0.980
Pdh Tj = +7°C	2.10 kW	2.20 kW
COP Tj = +7°C	6.20	4.20
Cdh Tj = +7 °C	0.960	0.970
Pdh Tj = 12°C	2.20 kW	2.90 kW
COP Tj = 12°C	6.83	4.65
Cdh Tj = +12 °C	0.960	0.980
Pdh Tj = Tbiv	5.40 kW	4.10 kW
COP Tj = Tbiv	3.33	2.27
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.90 kW	3.60 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.97	1.97
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	0.990
WTOL	75 °C	75 °C
Poff	8 W	8 W
PTO	14 W	14 W
PSB	8 W	8 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.20 kW	1.00 kW
Annual energy consumption Qhe	2655 kWh	2924 kWh

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	Low temperature	Medium temperature
Sound power level indoor	36 dB(A)	36 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

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	Low temperature	Medium temperature
ηs	220 %	141 %
Prated	5.60 kW	5.20 kW
SCOP	5.57	3.59
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	5.60 kW	5.20 kW
COP Tj = +2°C	3.75	2.60
Cdh Tj = +2 °C	0.990	0.990
Pdh Tj = +7°C	3.60 kW	3.30 kW
COP Tj = +7°C	5.53	3.51
Cdh Tj = +7 °C	0.980	0.990
Pdh Tj = 12°C	2.40 kW	3.30 kW
COP Tj = 12°C	6.13	3.97
Cdh Tj = +12 °C	0.960	0.980
Pdh Tj = Tbiv	5.60 kW	5.20 kW
COP Tj = Tbiv	3.75	2.60
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.60 kW	5.20 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.75	2.60
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	0.990
WTOL	75 °C	75 °C
Poff	8 W	8 W
PTO	14 W	14 W
PSB	8 W	8 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	1344 kWh	1934 kWh