

Subtype AUREA 5

Certificate Holder	Groupe Atlantic
Address	44 boulevard des Etats-Unis
ZIP	85000
City	La Roche Sur Yon
Country	FR
Certification Body	RISE CERT
Subtype title	AUREA 5
Registration number	012-SC1489-17
Heat Pump Type	Outdoor Air/Water
Refrigerant	R410A
Mass of Refrigerant	1.05 kg

Model AUREA 5

Model name	AUREA 5
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	n/a
Cooling mode application (optional)	n/a
Any additional heat sources	n/a
Phase-out Date	09.04.2026

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

EN 14511-2 | Heating

	Low temperature	Medium temperature
Heat output	4.84 kW	4.10 kW
El input	1.20 kW	1.58 kW
COP	4.03	2.60

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	0 dB(A)	0 dB(A)
Sound power level outdoor	60 dB(A)	60 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
η_s	167 %	119 %
Prated	4.40 kW	4.40 kW
SCOP	4.25	3.06
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	3.89 kW	3.89 kW
COP Tj = -7°C	2.64	1.82
Pdh Tj = +2°C	2.37 kW	2.37 kW
COP Tj = +2°C	4.35	3.11
Pdh Tj = +7°C	2.16 kW	1.92 kW
COP Tj = +7°C	5.93	4.15
Pdh Tj = 12°C	1.15 kW	0.96 kW

COP Tj = 12°C	7.55	5.03
Pdh Tj = Tbiv	3.89 kW	3.89 kW
COP Tj = Tbiv	2.64	1.82
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	3.72 kW	3.41 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.57	1.52
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.84	0.89
WTOL	55 °C	55 °C
Poff	5 W	5 W
PTO	60 W	50 W
PSB	5 W	5 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.70 kW	1.00 kW
Annual energy consumption Qhe	2137 kWh	2973 kWh