

Subtype AUREA 8

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 8
Registration number	012-SC1490-17
Heat Pump Type	Outdoor Air/Water
Refrigerant	R410A
Mass of Refrigerant	1.72 kg

Model AUREA 8

Model name	AUREA 8
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	7.90 kW	7.70 kW
El input	1.75 kW	2.78 kW
COP	4.52	2.76

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	0 dB(A)	0 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
η_s	162 %	123 %
Prated	7.00 kW	6.20 kW
SCOP	4.13	3.15
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.19 kW	5.48 kW
COP Tj = -7°C	2.80	1.85
Pdh Tj = +2°C	3.77 kW	3.34 kW
COP Tj = +2°C	3.97	3.22
Pdh Tj = +7°C	2.80 kW	2.63 kW
COP Tj = +7°C	5.90	4.13
Pdh Tj = 12°C	3.03 kW	3.15 kW

COP Tj = 12°C	6.32	5.91
Pdh Tj = Tbiv	6.19 kW	5.48 kW
COP Tj = Tbiv	2.80	1.85
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.83 kW	4.71 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.57	1.59
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.87	0.92
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	1.20 kW	1.50 kW
Annual energy consumption Qhe	3505 kWh	4068 kWh