

Subtype AUREA 10

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 10
Registration number	012-SC1491-17
Heat Pump Type	Outdoor Air/Water
Refrigerant	R410A
Mass of Refrigerant	1.72 kg

Model AUREA 10

Model name	AUREA 10
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	n/a
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

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	0 dB(A)	0 dB(A)
Sound power level outdoor	65 dB(A)	65 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
η_s	161 %	117 %
Prated	7.60 kW	6.90 kW
SCOP	4.10	3.01
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.72 kW	6.10 kW
COP Tj = -7°C	2.58	1.96
Pdh Tj = +2°C	4.09 kW	3.72 kW
COP Tj = +2°C	3.95	2.88
Pdh Tj = +7°C	2.63 kW	2.39 kW
COP Tj = +7°C	6.03	4.01
Pdh Tj = 12°C	2.91 kW	3.08 kW
COP Tj = 12°C	6.42	5.93
Pdh Tj = Tbiv	6.72 kW	6.10 kW
COP Tj = Tbiv	2.58	1.96
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.21 kW	5.53 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.36	1.64

Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.87	0.90
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	1.40 kW	1.50 kW
Annual energy consumption Qhe	3827 kWh	4736 kWh