

This information was generated by the HP KEYMARK database on 18 Mar 2022

[Login](#)

Summary of	AUREA 8	Reg. No.	012-SC1490-17
Certificate Holder			
Name	Groupe Atlantic		
Address	44 boulevard des Etats-Unis	Zip	85000
City	La Roche Sur Yon	Country	France
Certification Body	RISE CERT		
Subtype title	AUREA 8		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R410A		
Mass of Refrigerant	1.72 kg		

Model: AUREA 8

Configure model	
Model name	AUREA 8
Application	Heating (medium temp)
Units	Outdoor
Climate Zone	n/a
Reversibility	No
Cooling mode application (optional)	n/a

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2		
	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 14511-4	
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed

Average Climate

This information was generated by the HP KEYMARK database on 18 Mar 2022

EN 12102-1

	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

	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

This information was generated by the HP KEYMARK database on 18 Mar 2022

COP $T_j = T_{biv}$	2.80	1.85
$P_{dh} T_j = TOL$ or $P_{dh} T_j = T_{designh}$ if $TOL < T_{designh}$	5.83 kW	4.71 kW
COP $T_j = TOL$ or COP $T_j = T_{designh}$ if $TOL < T_{designh}$	2.57	1.59
$C_{dh} T_j = TOL$ or $P_{dh} T_j = T_{designh}$ if $TOL < T_{designh}$	0.87	0.92
WTOL	55 °C	55 °C
P _{off}	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 Q _{he}	3505 kWh	4068 kWh