

This information was generated by the HP KEYMARK database on 17 Dec 2020

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		
Name of testing laboratory	RISE		
Subtype title	AUREA 8		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R410a		
Mass Of Refrigerant	1.72 kg		

Model: AUREA 8

General Data

Power supply	1x230V 50Hz
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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
Indoor water flow rate	1.39 m ³ /h	0.85 m ³ /h

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

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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

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COP $T_j = T_{biv}$	2.80	1.85
P _{dh} $T_j = TOL$	5.83 kW	4.71 kW
COP $T_j = TOL$	2.57	1.59
C _{dh}	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