

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

Summary of	ATLANTIC GEOLIA 7	Reg. No.	012-C700080
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	ATLANTIC GEOLIA 7		
Heat Pump Type	Water/Water		
Refrigerant	R410a		
Mass Of Refrigerant	0.95 kg		
Certification Date	16.10.2020		
Testing basis	HP Keymark Scheme Rules rev 8		

Model: ATLANTIC GEOLIA 7

General Data

Power supply	1x230V 50Hz
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Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	9.35 kW	8.72 kW
El input	1.83 kW	3.04 kW
COP	5.10	2.87
Indoor water flow rate	1.60 m ³ /h	0.91 m ³ /h

EN 14511-4

Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

Average Climate

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EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	57 dB(A)	57 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	194 %	149 %
Prated	11.00 kW	10.00 kW
SCOP	5.06	3.90
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.40 kW	8.50 kW
COP Tj = -7°C	4.80	3.30
Cdh	0.99	0.99
Pdh Tj = +2°C	9.50 kW	8.80 kW
COP Tj = +2°C	5.10	3.90
Cdh	0.99	0.99
Pdh Tj = +7°C	9.60 kW	9.00 kW
COP Tj = +7°C	5.30	4.30
Cdh	0.99	0.99
Pdh Tj = 12°C	9.70 kW	9.20 kW

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COP Tj = 12°C	5.60	4.80
Cdh	0.99	0.99
Pdh Tj = Tbiv	9.40 kW	8.50 kW
COP Tj = Tbiv	4.80	3.30
Pdh Tj = TOL	9.40 kW	8.30 kW
COP Tj = TOL	4.70	3.00
WTOL	55 °C	55 °C
Poff	2 W	2 W
PTO	14 W	14 W
PSB	4 W	4 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	ELECTRICITY	ELECTRICITY
Supplementary Heater: PSUP	1.20 kW	1.20 kW
Annual energy consumption Qhe	4323 kWh	4997 kWh