

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

Summary of	ATLANTIC GEOLIA 13	Reg. No.	012-C700082
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 13		
Heat Pump Type	Water/Water		
Refrigerant	R410a		
Mass Of Refrigerant	1.7 kg		
Certification Date	16.10.2020		
Testing basis	HP Keymark Scheme Rules rev 8		

Model: ATLANTIC GEOLIA 13

General Data

Power supply	1x230V 50Hz
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Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	16.78 kW	15.59 kW
El input	2.94 kW	4.68 kW
COP	5.70	3.33
Indoor water flow rate	2.89 m ³ /h	1.68 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	55 dB(A)	55 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	210 %	164 %
Prated	18.00 kW	16.00 kW
SCOP	5.44	4.29
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	16.10 kW	13.90 kW
COP Tj = -7°C	5.17	3.43
Cdh	0.99	0.99
Pdh Tj = +2°C	16.30 kW	14.70 kW
COP Tj = +2°C	5.50	4.35
Cdh	0.99	0.99
Pdh Tj = +7°C	16.50 kW	15.20 kW
COP Tj = +7°C	5.81	4.92
Cdh	0.99	0.99
Pdh Tj = 12°C	16.70 kW	15.70 kW

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COP Tj = 12°C	6.14	5.51
Cdh	0.99	0.99
Pdh Tj = Tbiv	16.10 kW	13.90 kW
COP Tj = Tbiv	5.17	3.43
Pdh Tj = TOL	16.10 kW	13.60 kW
COP Tj = TOL	5.11	3.11
WTOL	55 °C	55 °C
Poff	2 W	2 W
PTO	90 W	90 W
PSB	3 W	3 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	ELECTRICITY	ELECTRICITY
Supplementary Heater: PSUP	2.10 kW	2.10 kW
Annual energy consumption Qhe	6912 kWh	7576 kWh