

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

Summary of	ATLANTIC GEOLIA 5	Reg. No.	012-C700079
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 5		
Heat Pump Type	Water/Water		
Refrigerant	R410a		
Mass Of Refrigerant	0.9 kg		
Certification Date	16.10.2020		
Testing basis	HP Keymark Scheme Rules rev 8		

Model: ATLANTIC GEOLIA 5

General Data

Power supply	1x230V 50Hz
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Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	7.14 kW	6.57 kW
El input	1.44 kW	2.01 kW
COP	4.86	3.26
Indoor water flow rate	1.23 m ³ /h	0.71 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	56 dB(A)	56 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	211 %	151 %
Prated	8.00 kW	8.00 kW
SCOP	5.48	3.90
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.40 kW	6.80 kW
COP Tj = -7°C	5.20	3.30
Cdh	0.99	0.99
Pdh Tj = +2°C	7.60 kW	6.90 kW
COP Tj = +2°C	5.50	4.00
Cdh	0.99	0.99
Pdh Tj = +7°C	7.70 kW	7.10 kW
COP Tj = +7°C	5.80	4.40
Cdh	0.99	0.99
Pdh Tj = 12°C	7.70 kW	7.20 kW

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COP Tj = 12°C	6.10	4.90
Cdh	0.99	0.99
Pdh Tj = Tbiv	7.40 kW	6.80 kW
COP Tj = Tbiv	5.20	3.30
Pdh Tj = TOL	7.30 kW	6.70 kW
COP Tj = TOL	5.00	3.10
WTOL	55 °C	55 °C
Poff	2 W	2 W
PTO	9 W	9 W
PSB	4 W	4 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	ELECTRICITY	ELECTRICITY
Supplementary Heater: PSUP	1.10 kW	1.00 kW
Annual energy consumption Qhe	3138 kWh	3973 kWh