

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

Summary of	ATLANTIC GEOLIA 17	Reg. No.	012-C700083
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 17		
Heat Pump Type	Water/Water		
Refrigerant	R410a		
Mass Of Refrigerant	2.3 kg		
Certification Date	16.10.2020		
Testing basis	HP Keymark Scheme Rules rev 8		

Model: ATLANTIC GEOLIA 17

General Data

Power supply	1x230V 50Hz
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Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	22.13 kW	20.14 kW
El input	4.25 kW	5.69 kW
COP	5.21	3.54
Indoor water flow rate	3.82 m ³ /h	2.17 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	217 %	176 %
Prated	25.00 kW	23.00 kW
SCOP	5.63	4.60
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	21.80 kW	20.20 kW
COP Tj = -7°C	5.42	3.76
Cdh	0.99	0.99
Pdh Tj = +2°C	22.00 kW	20.80 kW
COP Tj = +2°C	5.68	4.64
Cdh	0.99	0.99
Pdh Tj = +7°C	22.10 kW	21.20 kW
COP Tj = +7°C	5.94	5.18
Cdh	0.99	0.99
Pdh Tj = 12°C	22.80 kW	21.60 kW

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COP Tj = 12°C	6.20	5.72
Cdh	0.99	0.99
Pdh Tj = Tbiv	21.80 kW	20.20 kW
COP Tj = Tbiv	5.42	3.76
Pdh Tj = TOL	21.70 kW	19.90 kW
COP Tj = TOL	5.29	3.54
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	3.00 kW	2.90 kW
Annual energy consumption Qhe	9057 kWh	10272 kWh