

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

Summary of	ATLANTIC GEOLIA 10	Reg. No.	012-C700081
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 10		
Heat Pump Type	Water/Water		
Refrigerant	R410a		
Mass Of Refrigerant	1.45 kg		
Certification Date	16.10.2020		
Testing basis	HP Keymark Scheme Rules rev 8		

## Model: ATLANTIC GEOLIA 10

### General Data

Power supply	1x230V 50Hz
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## Heating

### EN 14511-2

	Low temperature	Medium temperature
Heat output	13.38 kW	11.75 kW
El input	2.48 kW	3.52 kW
COP	5.38	3.34
Indoor water flow rate	2.31 m <sup>3</sup> /h	1.27 m <sup>3</sup> /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
$\eta_s$	231 %	177 %
Prated	15.00 kW	14.00 kW
SCOP	5.98	4.63
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	13.40 kW	12.40 kW
COP Tj = -7°C	5.71	3.74
Cdh	0.99	0.99
Pdh Tj = +2°C	13.50 kW	12.80 kW
COP Tj = +2°C	6.03	4.67
Cdh	0.99	0.99
Pdh Tj = +7°C	13.60 kW	13.00 kW
COP Tj = +7°C	6.48	5.29
Cdh	0.99	0.99
Pdh Tj = 12°C	13.70 kW	13.30 kW

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COP Tj = 12°C	6.68	5.91
Cdh	0.99	0.99
Pdh Tj = Tbiv	13.40 kW	12.40 kW
COP Tj = Tbiv	5.71	3.74
Pdh Tj = TOL	13.30 kW	11.80 kW
COP Tj = TOL	5.27	3.27
WTOL	55 °C	55 °C
Poff	2 W	2 W
PTO	24 W	24 W
PSB	4 W	4 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	ELECTRICITY	ELECTRICITY
Supplementary Heater: PSUP	1.80 kW	1.80 kW
Annual energy consumption Qhe	5525 kWh	6242 kWh