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Login

Summary of	ATLANTIC GEOLIA 10	Reg. No.	012-C700081
Certificate Holder		<u> </u>	'
Name	Groupe Atlantic		
Address	44 boulevard des Etats-Unis	Zip	85000
City	La Roche Sur Yon	Country	France
Certification Body	RISE CERT		
Subtype title	ATLANTIC GEOLIA 10		
Heat Pump Type	Brine/Water and Water/Water		
Refrigerant	R410A		
Mass of Refrigerant	1.45 kg		
Certification Date	16.10.2020		
Testing basis	HP Keymark Scheme Rules rev 8		



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Model: ATLANTIC GEOLIA 10

Configure model		
Model name	ATLANTIC GEOLIA 10	
Application	Heating (medium temp)	
Units	Indoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional) n/a		

General Data		
Power supply 1x230V 50Hz		

Brine/Water Heat Pump

Heating

EN 14511-4		
Starting and operating test	passed	
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	

EN 14511-2		
	Low temperature	Medium temperature
Heat output	10.08 kW	kW
El input	2.48 kW	kW
СОР	4.06	

Average Climate

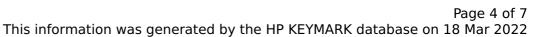


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EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	56 dB(A)	56 dB(A)	

EN 14825		
	Low temperature	Medium temperature
η_{s}	164 %	%
Prated	12.00 kW	kW
SCOP	4.30	
Tbiv	-7 °C	°C
TOL	-10 °C	°C
Pdh Tj = -7° C	10.20 kW	kW
$COP Tj = -7^{\circ}C$	4.08	
Cdh Tj = -7 °C	0.990	
Pdh Tj = $+2$ °C	10.30 kW	kW
$COPTj = +2^{\circ}C$	4.33	
Cdh Tj = +2 °C	0.990	
Pdh Tj = $+7^{\circ}$ C	10.40 kW	kW
$COPTj = +7^{\circ}C$	4.56	
Cdh Tj = +7 °C	0.990	
Pdh Tj = 12°C	10.60 kW	kW

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COP Tj = 12°C	4.80	
Cdh Tj = +12 °C	0.990	
Pdh Tj = Tbiv	10.20 kW	kW
COP Tj = Tbiv	4.08	
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	10.10 kW	kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.98	
WTOL	50 °C	°C
Poff	2 W	W
РТО	24 W	W
PSB	4 W	W
PCK	o w	W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.70 kW	kW
Annual energy consumption Qhe	5644 kWh	kWh

Water/Water Heat Pump

Heating



EN 14511-4		
Starting and operating test	passed	
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	

EN 14511-2		
	Low temperature	Medium temperature
Heat output	13.38 kW	11.75 kW
El input	2.48 kW	3.52 kW
СОР	5.38	3.34

Average Climate

EN 14825		
	Low temperature	Medium temperature
η_{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

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	ted by the Hi KETMAN	an database on 10 Mai 2022
$COP Tj = -7^{\circ}C$	5.71	3.74
Cdh Tj = -7 °C	0.990	0.990
Pdh Tj = +2°C	13.50 kW	12.80 kW
COP Tj = +2°C	6.03	4.67
Cdh Tj = +2 °C	0.990	0.990
Pdh Tj = $+7$ °C	13.60 kW	13.00 kW
$COP Tj = +7^{\circ}C$	6.48	5.29
Cdh Tj = +7 °C	0.990	0.990
Pdh Tj = 12°C	13.70 kW	13.30 kW
COP Tj = 12°C	6.68	5.91
Cdh Tj = +12 °C	0.990	0.990
Pdh Tj = Tbiv	13.40 kW	12.40 kW
COP Tj = Tbiv	5.71	3.74
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	13.30 kW	11.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	5.27	3.27
WTOL	55 °C	55 °C
Poff	2 W	2 W
РТО	24 W	24 W
PSB	4 W	4 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity



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Supplementary Heater: PSUP	1.80 kW	1.80 kW	
Annual energy consumption Qhe	5525 kWh	6442 kWh	