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Login

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		
Subtype title	ATLANTIC GEOLIA 5		
Heat Pump Type	Brine/Water and Water/Water		
Refrigerant	R410A		
Mass of Refrigerant	0.9 kg		
Certification Date	16.10.2020		
Testing basis	HP Keymark Scheme Rules rev 8		

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Model: ATLANTIC GEOLIA 5

Configure model		
Model name	ATLANTIC GEOLIA 5	
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	5.64 kW	kW	
El input	1.43 kW	kW	
СОР	3.94		

Average Climate

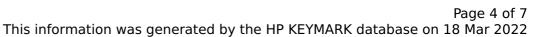


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EN 12102-1			
Low temperature Medium temperature			
Sound power level indoor	56 dB(A)	56 dB(A)	

EN 14825			
	Low temperature	Medium temperature	
η_{s}	155 %	%	
Prated	6.00 kW	kW	
SCOP	4.07		
Tbiv	-7 °C	°C	
TOL	-10 °C	°C	
Pdh Tj = -7°C	5.70 kW	kW	
COP Tj = -7°C	3.90		
Cdh Tj = -7 °C	0.990		
Pdh Tj = +2°C	5.80 kW	kW	
COP Tj = +2°C	4.10		
Cdh Tj = +2 °C	0.990		
Pdh Tj = +7°C	5.70 kW	kW	
COP Tj = +7°C	4.30		
Cdh Tj = +7 °C	0.990		
Pdh Tj = 12°C	5.70 kW	kW	

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COP Tj = 12°C	4.40	
Cdh Tj = +12 °C	0.990	
Pdh Tj = Tbiv	5.70 kW	kW
COP Tj = Tbiv	3.90	
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.60 kW	kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.90	
WTOL	50 °C	°C
Poff	2 W	W
РТО	9 W	W
PSB	4 W	W
PCK	o w	W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.80 kW	kW
Annual energy consumption Qhe	3369 kWh	kWh

Water/Water Heat Pump

Heating



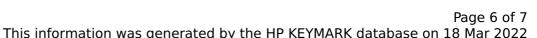
EN 14511-4		
Starting and operating test	passed	
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	

EN 14511-2				
Low temperature Medium temperature				
Heat output	7.14 kW	6.57 kW		
El input	1.44 kW	2.01 kW		
СОР	4.86	3.26		

Average Climate

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	

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$COP Tj = -7^{\circ}C$	5.20	3.30
Cdh Tj = -7 °C	0.990	0.990
Pdh Tj = +2°C	7.60 kW	3.90 kW
COP Tj = +2°C	5.50	4.00
Cdh Tj = +2 °C	0.990	0.990
Pdh Tj = +7°C	7.70 kW	7.10 kW
$COP Tj = +7^{\circ}C$	5.80	4.40
Cdh Tj = +7 °C	0.990	0.990
Pdh Tj = 12°C	7.70 kW	7.20 kW
COP Tj = 12°C	6.10	4.90
Cdh Tj = +12 °C	0.990	0.990
Pdh Tj = Tbiv	7.40 kW	6.80 kW
COP Tj = Tbiv	5.20	3.30
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.30 kW	6.70 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	5.00	3.10
WTOL	55 °C	55 °C
Poff	2 W	2 W
РТО	9 W	9 W
PSB	4 W	4 W
РСК	0 W	o w
Supplementary Heater: Type of energy input	Electricity	Electricity

CEN heat pump KEYMARK

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Supplementary Heater: PSUP	1.10 kW	1.00 kW	
Annual energy consumption Qhe	3138 kWh	3973 kWh	