

## $$\operatorname{\textit{Page}}\ 1$$ of 7 This information was generated by the HP KEYMARK database on 22 Jun 2022

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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			
Subtype title	ATLANTIC GEOLIA 17			
Heat Pump Type	Brine/Water and Water/Water			
Refrigerant	R410A			
Mass of Refrigerant	2.3 kg			
Certification Date	16.10.2020			
Testing basis	HP Keymark Scheme Rules rev 8			



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## **Model: ATLANTIC GEOLIA 17**

Configure model			
Model name ATLANTIC GEOLIA 17			
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 pass		
Complete power supply failure	passed	
Defrost test	passed	

EN 14511-2			
	Low temperature	Medium temperature	
Heat output	16.63 kW	15.41 kW	
El input	3.86 kW	5.50 kW	
СОР	4.31	2.80	

#### Average Climate

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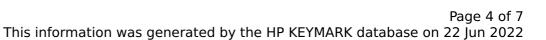


 $$\operatorname{\textit{Page}}\ 3$$  of 7 This information was generated by the HP KEYMARK database on 22 Jun 2022

EN 12102-1				
	Low temperature	Medium temperature		
Sound power level indoor	55 dB(A)	55 dB(A)		

	EN 14825	
	Low temperature	Medium temperature
$\eta_{s}$	177 %	134 %
Prated	19.00 kW	18.00 kW
SCOP	4.63	3.55
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	17.00 kW	15.70 kW
COP Tj = -7°C	4.48	2.97
Cdh Tj = -7 °C	0.990	0.990
Pdh Tj = +2°C	17.10 kW	16.30 kW
COP Tj = +2°C	4.68	3.58
Cdh Tj = +2 °C	0.990	0.990
Pdh Tj = +7°C	17.20 kW	16.70 kW
$COP Tj = +7^{\circ}C$	4.88	3.95
Cdh Tj = +7 °C	0.990	0.990
Pdh Tj = 12°C	17.30 kW	17.00 kW

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COP Tj = 12°C	5.08	4.32
Cdh Tj = +12 °C	0.990	0.990
Pdh Tj = Tbiv	17.00 kW	15.70 kW
COP Tj = Tbiv	4.48	2.97
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	16.50 kW	15.40 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.22	2.74
WTOL	55 °C	55 °C
Poff	2 W	2 W
РТО	90 W	90 W
PSB	3 W	3 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	2.70 kW	2.30 kW
Annual energy consumption Qhe	8604 kWh	10337 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	22.13 kW	20.14 kW		
El input	4.25 kW	5.69 kW		
СОР	5.21	3.54		

#### Average Climate

EN 14825			
	Low temperature	Medium temperature	
$\eta_{s}$	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 = $-7^{\circ}$ C	21.80 kW	20.20 kW	

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	THE TIP KLIMAI	NK database on 22 Juli 2022
COP Tj = -7°C	5.42	3.76
Cdh Tj = -7 °C	0.990	0.990
Pdh Tj = +2°C	22.00 kW	20.80 kW
$COP Tj = +2^{\circ}C$	5.68	4.64
Cdh Tj = +2 °C	0.990	0.990
Pdh Tj = $+7$ °C	22.10 kW	21.20 kW
$COP Tj = +7^{\circ}C$	5.94	5.18
Cdh Tj = +7 °C	0.990	0.990
Pdh Tj = 12°C	22.80 kW	21.60 kW
COP Tj = 12°C	6.20	5.72
Cdh Tj = +12 °C	0.990	0.990
Pdh Tj = Tbiv	21.80 kW	20.20 kW
COP Tj = Tbiv	5.42	3.76
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	21.70 kW	19.90 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	5.29	3.54
WTOL	55 °C	55 °C
Poff	2 W	2 W
РТО	90 W	90 W
PSB	3 W	3 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity



# $$\operatorname{\textit{Page}}\ 7$$ of 7 This information was generated by the HP KEYMARK database on 22 Jun 2022

Supplementary Heater: PSUP	3.00 kW	2.90 kW	
Annual energy consumption Qhe	9057 kWh	10272 kWh	