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Summary of	Loria 6010	Reg. No.	012-SC0320-19		
Certificate Holder	Certificate Holder				
Name	Groupe Atlantic				
Address	44 boulevard des Etats-Unis	Zip	85000		
City	La Roche Sur Yon	Country	France		
Certification Body	RISE CERT	RISE CERT			
Subtype title	Loria 6010	Loria 6010			
Heat Pump Type	Outdoor Air/Water				
Refrigerant	R410a				
Mass Of Refrigerant	1.8 kg	1.8 kg			
Certification Date	26.09.2019	26.09.2019			



Model: Loria 6010

General Data	
Power supply 1x230V 50Hz	

Heating

EN 14511-2		
Low temperature Medium temperature		
Heat output	6.66 kW	6.52 kW
El input	1.31 kW	2.39 kW
СОР	5.09	2.72

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



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	68 dB(A)	68 dB(A)

EN 14825		
Low temperature	Medium temperature	
176 %	131 %	
9.00 kW	9.00 kW	
4.47	3.36	
-7 °C	-7 °C	
-10 °C	-10 °C	
8.05 kW	7.65 kW	
2.54	1.89	
0.90	0.90	
4.90 kW	4.66 kW	
4.46	3.29	
0.90	0.90	
3.15 kW	3.42 kW	
6.20	4.84	
0.90	0.90	
	Low temperature 176 % 9.00 kW 4.47 -7 °C -10 °C 8.05 kW 2.54 0.90 4.90 kW 4.46 0.90 3.15 kW 6.20	

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Pdh Tj = 12°C	4.20 kW	4.10 kW
COP Tj = 12°C	9.02	6.82
Cdh	0.90	0.90
Pdh Tj = Tbiv	8.05 kW	7.65 kW
COP Tj = Tbiv	2.54	1.89
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.51 kW	6.74 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.37	1.71
WTOL	55 °C	55 °C
Poff	7 W	7 W
РТО	52 W	52 W
PSB	7 W	7 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	1.60 kW	1.90 kW
Annual energy consumption Qhe	4206 kWh	5320 kWh



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Model: Loria Duo 6010

General Data	
Power supply 1x230V 50Hz	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	6.66 kW	6.52 kW
El input	1.31 kW	2.39 kW
СОР	5.09	2.72

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

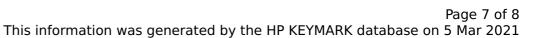
Average Climate



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	68 dB(A)	68 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	176 %	131 %
Prated	9.00 kW	9.00 kW
SCOP	4.47	3.36
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	8.05 kW	7.65 kW
COP Tj = -7°C	2.54	1.89
Cdh	0.90	0.90
Pdh Tj = +2°C	4.90 kW	4.66 kW
COP Tj = +2°C	4.46	3.29
Cdh	0.90	0.90
Pdh Tj = +7°C	3.15 kW	3.42 kW
COP Tj = +7°C	6.20	4.84
Cdh	0.90	0.90

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Pdh Tj = 12°C	4.20 kW	4.10 kW
COP Tj = 12°C	9.02	6.82
Cdh	0.90	0.90
Pdh Tj = Tbiv	8.05 kW	7.65 kW
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Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.51 kW	6.74 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.37	1.71
WTOL	55 °C	55 °C
Poff	7 W	7 W
РТО	52 W	52 W
PSB	7 W	7 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	1.60 kW	1.90 kW
Annual energy consumption Qhe	4206 kWh	5320 kWh

Domestic Hot Water (DHW)

Average Climate





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EN 16147		
Declared load profile	L	
Efficiency ηDHW	130 %	
СОР	3.26	
Heating up time	1:36 h:min	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	243 I	
Standby power input	31.0 W	