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#### This information was generated by the HP KEYMARK database on 21 Jun 2022

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Summary of	Loria 6010	Reg. No.	012-SC0320-19	
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	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

Configure model		
Model name	Loria 6010	
Application	Heating (medium temp)	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

General Data		
Power supply	1x230V 50Hz	
Phase-out Date	12.03.2024	

## 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
$\eta_{s}$	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 Tj = -7 °C	0.90	0.90
Pdh Tj = $+2$ °C	4.90 kW	4.66 kW
COP Tj = +2°C	4.46	3.29
Cdh Tj = +2 °C	0.90	0.90
Pdh Tj = +7°C	3.15 kW	3.42 kW
COP Tj = +7°C	6.20	4.84
Cdh Tj = +7 °C	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 Tj = +12 °C	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	o 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



# **Model: Loria Duo 6010**

Configure model		
Model name	Loria Duo 6010	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

General Data		
Power supply	1x230V 50Hz	
Phase-out Date	12.03.2024	

### 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	

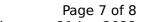
### Average Climate



EN 12102-1				
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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	
$\eta_{s}$	176 %	131 %	
Prated	9.00 kW	9.00 kW	
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PSB	7 W	7 W
PCK	0 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





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