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#### This information was generated by the HP KEYMARK database on 18 Mar 2022

#### Login

Summary of	Loria 6008	Reg. No.	012-015	
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 6008	Loria 6008		
Heat Pump Type	Outdoor Air/Water			
Refrigerant	R410A			
Mass of Refrigerant	1.4 kg	1.4 kg		
Certification Date	27.07.2016	27.07.2016		



## Model: Loria 6008

Configure model		
Model name	Loria 6008	
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	

EN 14511-4		
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed	
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	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	4.75 kW	5.21 kW
El input	0.92 kW	1.87 kW
СОР	5.14	2.79



### Average Climate

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	69 dB(A)	69 dB(A)

EN 14825		
Low temperature	Medium temperature	
176 %	129 %	
7.00 kW	7.00 kW	
4.46	3.30	
-7 °C	-7 °C	
-10 °C	-10 °C	
6.02 kW	5.84 kW	
2.60	1.90	
3.66 kW	3.55 kW	
4.25	3.13	
2.35 kW	2.28 kW	
6.48	4.83	
2.29 kW	2.15 kW	
9.81	6.90	
	Low temperature  176 %  7.00 kW  4.46  -7 °C  -10 °C  6.02 kW  2.60  3.66 kW  4.25  2.35 kW  6.48  2.29 kW	





This information was generated by the Fir KETMANK database on 10 Mai 202			
Pdh Tj = Tbiv	6.02 kW	5.84 kW	
COP Tj = Tbiv	2.60	1.90	
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.55 kW	5.68 kW	
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.39	1.56	
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90	0.90	
WTOL	55 °C	55 °C	
Poff	9 W	9 W	
РТО	15 W	15 W	
PSB	9 W	9 W	
PCK	o w	o w	
Supplementary Heater: Type of energy input	Electricity	Electricity	
Supplementary Heater: PSUP	1.30 kW	0.90 kW	
Annual energy consumption Qhe	3147 kWh	4132 kWh	



## **Model: Loria Duo 6008**

Configure model		
Model name Loria Duo 6008		
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	

EN 14511-4		
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed	
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	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	4.75 kW	5.21 kW
El input	0.92 kW	0.87 kW
СОР	5.14	2.79



### Average Climate

EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	44 dB(A)	44 dB(A)	
Sound power level outdoor	69 dB(A)	69 dB(A)	

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	176 %	129 %
Prated	7.00 kW	7.00 kW
SCOP	4.46	3.30
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.02 kW	5.84 kW
COP Tj = $-7$ °C	2.60	1.90
Pdh Tj = $+2$ °C	3.66 kW	3.55 kW
$COP Tj = +2^{\circ}C$	4.25	3.13
Pdh Tj = $+7^{\circ}$ C	2.35 kW	2.28 kW
$COPTj = +7^{\circ}C$	6.48	4.83
Pdh Tj = 12°C	2.29 kW	2.15 kW
COP Tj = 12°C	9.81	6.90





Pdh Tj = Tbiv	6.02 kW	5.84 kW
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Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.30 kW	0.90 kW
Annual energy consumption Qhe	3147 kWh	4132 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	



## Model: Loria Duo 2C 6008

Configure model		
Model name	Loria Duo 2C 6008	
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	

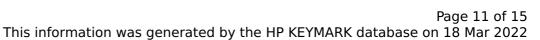
EN 14511-4		
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Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed	
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	

EN 14511-2		
	Low temperature	Medium temperature
Heat output	4.75 kW	5.21 kW
El input	0.92 kW	1.87 kW
СОР	5.14	2.79

### Average Climate

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	69 dB(A)	69 dB(A)

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	176 %	129 %
Prated	7.00 kW	7.00 kW
SCOP	4.46	3.30
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.02 kW	5.84 kW
COP Tj = -7°C	2.60	1.90
Pdh Tj = +2°C	3.66 kW	3.55 kW
COP Tj = +2°C	4.25	3.13
Pdh Tj = +7°C	2.35 kW	2.28 kW
COP Tj = +7°C	6.48	4.83
Pdh Tj = 12°C	2.29 kW	2.15 kW
COP Tj = 12°C	9.81	6.90

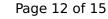


	<u> </u>	
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РТО	15 W	15 W
PSB	9 W	9 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.30 kW	0.90 kW
Annual energy consumption Qhe	3147 kWh	4132 kWh

### Domestic Hot Water (DHW)

CEN heat pump KEYMARK

### **Average Climate**





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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	



## Model: Loria 6008 (LFC)

Configure model			
Model name	Loria 6008 (LFC)		
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	14.03.2024	

EN 14511-4		
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed	
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit		
Shutting off the heat transfer medium flow	passed	
Complete power supply failure		
Defrost test	passed	

EN 14511-2			
	Low temperature	Medium temperature	
Heat output	4.75 kW	5.21 kW	
El input	0.92 kW	1.87 kW	
СОР	5.14	2.79	



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	Low temperature  176 %  7.00 kW  4.46  -7 °C  -10 °C  6.02 kW  2.60  3.66 kW  4.25  2.35 kW  6.48  2.29 kW		



Pdh Tj = Tbiv6.02 kW 5.84 kW COP Tj = Tbiv2.60 1.90 Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh 5.68 kW 5.55 kW COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh 2.39 1.56 Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh 0.90 0.90 WTOL 55 °C 55 °C Poff 9 W 9 W PTO 15 W 15 W **PSB** 9 W 9 W **PCK** 0 W 0 W Supplementary Heater: Type of energy input Electricity Electricity 1.30 kW Supplementary Heater: PSUP 0.90 kW Annual energy consumption Qhe 3147 kWh 4132 kWh