This information was generated by the HP KEYMARK database on 5 Mar 2021

Summary of	Loria 6006	Reg. No.	012-014
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 6006		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R410a		
Mass Of Refrigerant	1.1 kg		
Certification Date	27.07.2016		

Model: Loria 6006

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2		
	Low temperature	**Medium temperature**
Heat output	3.71 kW	5.71 kW
El input	0.71 kW	2.22 kW
COP	5.09	2.54

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

Average Climate

EN 12102-1		
	Low temperature	**Medium temperature**
Sound power level indoor	44 dB(A)	44 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825		
	Low temperature	**Medium temperature**
η_s	186 %	128 %
Prated	6.00 kW	5.00 kW
SCOP	4.72	3.27
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.20 kW	4.10 kW
COP Tj = -7°C	2.90	1.90
Pdh Tj = +2°C	3.50 kW	2.70 kW
COP Tj = +2°C	4.60	3.20
Pdh Tj = +7°C	1.90 kW	1.80 kW
COP Tj = +7°C	6.10	4.40
Pdh Tj = 12°C	2.40 kW	2.10 kW
COP Tj = 12°C	9.30	6.50
Pdh Tj = Tbiv	5.20 kW	4.10 kW

COP Tj = Tbiv	2.90	9.90
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.80 kW	3.90 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.80	1.80
Cdh	0.90	0.90
WTOL	55 °C	55 °C
Poff	9 W	9 W
PTO	14 W	14 W
PSB	9 W	9 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	1.10 kW	0.70 kW
Annual energy consumption Qhe	2588 kWh	2933 kWh

Model: Loria Duo 6006

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2		
	Low temperature	**Medium temperature**
Heat output	3.71 kW	5.71 kW
El input	0.71 kW	2.22 kW
COP	5.09	2.54

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

Average Climate

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COP Tj = +2°C	4.60	3.20
Pdh Tj = +7°C	1.90 kW	1.80 kW
COP Tj = +7°C	6.10	4.40
Pdh Tj = 12°C	2.40 kW	2.10 kW
COP Tj = 12°C	9.30	6.50
Pdh Tj = Tbiv	5.20 kW	4.10 kW

COP Tj = Tbiv	2.90	9.90
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.80 kW	3.90 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.80	1.80
Cdh	0.90	0.90
WTOL	55 °C	55 °C
Poff	9 W	9 W
PTO	14 W	14 W
PSB	9 W	9 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	1.10 kW	0.70 kW
Annual energy consumption Qhe	2588 kWh	2933 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147

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

Model: Loria Duo 2C 6006

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2		
	Low temperature	**Medium temperature**
Heat output	3.71 kW	5.71 kW
El input	0.71 kW	2.22 kW
COP	5.09	2.54

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

Average Climate

EN 12102-1		
	Low temperature	**Medium temperature**
Sound power level indoor	44 dB(A)	44 dB(A)
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EN 14825		
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η_s	186 %	128 %
Prated	6.00 kW	5.00 kW
SCOP	4.72	3.27
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.20 kW	4.10 kW
COP Tj = -7°C	2.90	1.90
Pdh Tj = +2°C	3.50 kW	2.70 kW
COP Tj = +2°C	4.60	3.20
Pdh Tj = +7°C	1.90 kW	1.80 kW
COP Tj = +7°C	6.10	4.40
Pdh Tj = 12°C	2.40 kW	2.10 kW
COP Tj = 12°C	9.30	6.50
Pdh Tj = Tbiv	5.20 kW	4.10 kW

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Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.80 kW	3.90 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.80	1.80
Cdh	0.90	0.90
WTOL	55 °C	55 °C
Poff	9 W	9 W
PTO	14 W	14 W
PSB	9 W	9 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	1.10 kW	0.70 kW
Annual energy consumption Qhe	2588 kWh	2933 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147

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

Model: Loria 6006 (LFC)

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2		
	Low temperature	**Medium temperature**
Heat output	3.71 kW	5.71 kW
El input	0.71 kW	2.22 kW
COP	5.09	2.54

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Defrost test	passed

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EN 14825

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COP Tj = 12°C	9.30	6.50
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COP Tj = Tbiv	2.90	9.90
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Poff	9 W	9 W
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