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Summary of	Loria 6008 R32	Reg. No.	012-C700123	
Certificate Holder				
Name	Groupe Atlantic	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 R32			
Heat Pump Type	Outdoor Air/Water			
Refrigerant	R32			
Mass of Refrigerant	1.02 kg			
Certification Date	08.09.2021			
Testing basis	EN 14511:2018, EN 14825:2018, EN	12102:2017, EN 161	.47:2017	



Model: Loria 6008 R32

Configure model		
Model name	Loria 6008 R32	
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	

Heating

COP

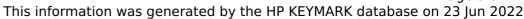
EN 14511-2		
	Low temperature	Medium temperature
Heat output	7.50 kW	7.20 kW
El input	1.66 kW	2.60 kW

2.77

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

4.52





EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	40 dB(A)	40 dB(A)
Sound power level outdoor	60 dB(A)	60 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	185 %	134 %
Prated	6.60 kW	6.20 kW
SCOP	4.70	3.41
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.80 kW	5.50 kW
COP Tj = -7°C	2.71	2.05
Cdh Tj = -7 °C	0.990	0.990
Pdh Tj = +2°C	3.60 kW	3.30 kW
COP Tj = +2°C	4.71	3.30
Cdh Tj = +2 °C	0.980	0.990
Pdh Tj = +7°C	2.30 kW	2.20 kW
COP Tj = +7°C	6.23	4.65
Cdh Tj = +7 °C	0.960	0.970

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Pdh Tj = 12°C	2.40 kW	2.20 kW
COP Tj = 12°C	8.72	6.38
Cdh Tj = +12 °C	0.950	0.960
Pdh Tj = Tbiv	5.80 kW	5.50 kW
COP Tj = Tbiv	2.71	2.05
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.60 kW	5.20 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.42	1.80
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	1.000
WTOL	55 °C	55 °C
Poff	4 W	4 W
РТО	14 W	14 W
PSB	10 W	10 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.00 kW	1.00 kW
Annual energy consumption Qhe	2901 kWh	3751 kWh



Model: Loria Duo 6008 R32

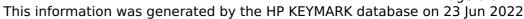
Configure model		
Model name	Loria Duo 6008 R32	
Application	Heating + DHW + low temp	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

General Data		
Power supply	1x230V 50Hz	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	7.50 kW	7.20 kW
El input	1.66 kW	2.60 kW
СОР	4.52	2.77

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





EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	40 dB(A)	40 dB(A)
Sound power level outdoor	60 dB(A)	60 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	185 %	134 %
Prated	6.60 kW	6.20 kW
SCOP	4.70	3.41
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.80 kW	5.50 kW
COP Tj = -7°C	2.71	2.05
Cdh Tj = -7 °C	0.990	0.990
Pdh Tj = +2°C	3.60 kW	3.30 kW
COP Tj = +2°C	4.71	3.30
Cdh Tj = +2 °C	0.980	0.990
Pdh Tj = +7°C	2.30 kW	2.20 kW
COP Tj = +7°C	6.23	4.65
Cdh Tj = +7 °C	0.960	0.970

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Pdh Tj = Tbiv	5.80 kW	5.50 kW
COP Tj = Tbiv	2.71	2.05
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.60 kW	5.20 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.42	1.80
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	1.000
WTOL	55 °C	55 °C
Poff	4 W	4 W
РТО	14 W	14 W
PSB	10 W	10 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.00 kW	1.00 kW
Annual energy consumption Qhe	2901 kWh	3751 kWh

Domestic Hot Water (DHW)



EN 16147		
Declared load profile	L	
Efficiency ηDHW	132 %	
СОР	3.30	
Heating up time	1:35 h:min	
Standby power input	31.0 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	245 I	



Model: Loria Duo 6008 2C R32

Configure model		
Model name Loria Duo 6008 2C R32		
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		

Heating

EN 14511-2			
	Low temperature	Medium temperature	
Heat output	7.50 kW	7.20 kW	
El input	1.66 kW	2.60 kW	
СОР	4.52	2.77	

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





EN 12102-1		
	Low temperature	Medium temperature
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Sound power level outdoor	60 dB(A)	60 dB(A)

EN 14825		
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COP Tj = +2°C	4.71	3.30
Cdh Tj = +2 °C	0.980	0.990
Pdh Tj = +7°C	2.30 kW	2.20 kW
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Standby power input	31.0 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	245 I	