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Summary of	Loria 6008 R32	Reg. No.	012-C700123
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 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 16147:2017		

## 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
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## Heating

### EN 14511-2

	Low temperature	Medium temperature
Heat output	7.50 kW	7.20 kW
El input	1.66 kW	2.60 kW
COP	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

## Average Climate

### 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
$\eta_s$	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
PTO	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

## 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
COP	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

### Average Climate

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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)

### Average Climate

<b>EN 16147</b>	
Declared load profile	L
Efficiency $\eta_{DHW}$	132 %
COP	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 l



## 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
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EN 14511-4	
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Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

### Average Climate

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### Average Climate

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COP	3.30
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Reference hot water temperature	52.5 °C
Mixed water at 40°C	245 l