Login

Summary of	Loria 6004 R32	Reg. No.	012-C700121
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 6004 R32		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass of Refrigerant	0.97 kg		
Certification Date	08.09.2021		
Testing basis	EN 14511:2018, EN 14825:2018, EN 12102:2017, EN 16147:2017		

Model: Loria 6004 R32

Configure model	
Model name	Loria 6004 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

EN 14511-2		
	Low temperature	**Medium temperature**
Heat output	4.60 kW	4.50 kW
El input	0.95 kW	1.66 kW
COP	4.83	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	40 dB(A)	40 dB(A)
Sound power level outdoor	57 dB(A)	57 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	182 %	128 %
Prated	5.40 kW	4.80 kW
SCOP	4.61	3.29
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.80 kW	4.30 kW
COP Tj = -7°C	3.00	2.03
Cdh Tj = -7 °C	0.990	0.990
Pdh Tj = +2°C	2.90 kW	2.60 kW
COP Tj = +2°C	4.45	3.14
Cdh Tj = +2 °C	0.980	0.980
Pdh Tj = +7°C	1.90 kW	2.20 kW
COP Tj = +7°C	6.21	4.55
Cdh Tj = +7 °C	0.960	0.970

Pdh Tj = 12°C	2.40 kW	2.30 kW
COP Tj = 12°C	7.99	6.29
Cdh Tj = +12 °C	0.960	0.960
Pdh Tj = Tbiv	4.80 kW	4.30 kW
COP Tj = Tbiv	3.00	2.03
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.30 kW	3.90 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.75	1.72
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	0.990
WTOL	55 °C	55 °C
Poff	4 W	4 W
PTO	12 W	13 W
PSB	10 W	10 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.10 kW	0.90 kW
Annual energy consumption Qhe	2418 kWh	3018 kWh

Model: Loria Duo 6004 R32

Configure model	
Model name	Loria Duo 6004 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

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Domestic Hot Water (DHW)

Average Climate

EN 16147

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

Model: Loria Duo 6004 2C R32

Configure model	
Model name	Loria Duo 6004 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

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