

This information was generated by the HP KEYMARK database on 23 Jun 2022

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Summary of	Austria Email LWPM 14	Reg. No.	012-C700119
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	Austria Email LWPM 14		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R452B		
Mass of Refrigerant	2.75 kg		
Certification Date	22.09.2021		
Testing basis	EN 14511:2018, EN 14825:2018, EN 12102:2017		

Model: Austria Email LWPM 14

Configure model	
Model name	Austria Email LWPM 14
Application	Heating (medium temp)
Units	Outdoor
Climate Zone	n/a
Reversibility	No
Cooling mode application (optional)	n/a

General Data	
Power supply	3x400V 50Hz

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	8.50 kW	12.90 kW
El input	1.77 kW	4.31 kW
COP	4.79	2.99

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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EN 12102-1

	Low temperature	Medium temperature
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	177 %	131 %
Prated	13.50 kW	13.30 kW
SCOP	4.51	3.36
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	11.90 kW	11.80 kW
COP Tj = -7°C	3.04	2.24
Cdh Tj = -7 °C	0.970	0.980
Pdh Tj = +2°C	7.30 kW	7.20 kW
COP Tj = +2°C	4.70	3.38
Cdh Tj = +2 °C	0.970	0.980
Pdh Tj = +7°C	8.60 kW	8.30 kW
COP Tj = +7°C	5.55	4.24
Cdh Tj = +7 °C	0.970	0.980
Pdh Tj = 12°C	10.10 kW	9.80 kW

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COP Tj = 12°C	6.53	5.06
Cdh Tj = +12 °C	0.970	0.980
Pdh Tj = Tbiv	11.90 kW	11.80 kW
COP Tj = Tbiv	3.09	2.24
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.10 kW	11.20 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.86	2.07
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.970	0.980
WTOL	60 °C	60 °C
Poff	17 W	18 W
PTO	48 W	32 W
PSB	20 W	20 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	2.40 kW	2.10 kW
Annual energy consumption Qhe	6187 kWh	8179 kWh