Subtype Austria Email LWPM 11	
Certificate Holder	Groupe Atlantic
Address	Rue des Fondeurs BP 64
ZIP	59660
City	Merville
Country	FR
Certification Body	RISE CERT
Subtype title	Austria Email LWPM 11
Registration number	012-C700118
Heat Pump Type	Outdoor Air/Water
Refrigerant	R452B
Mass of Refrigerant	2.85 kg
Certification Date	12.11.2021
Testing basis	EN 14511:2018, EN 14825:2018, EN 12102:2017
Testing laboratory	CETIAT, FR

Model Austria Email LWPM 11	
Model name	Austria Email LWPM 11
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	n/a
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data	
Power supply	3x400V 50Hz
Off-peak product	n/a

Outdoor Air/Water	
EN 14511-4 | Heating	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating		
	Low temperature	Medium temperature
Heat output	5.81 kW	9.28 kW
El input	1.29 kW	3.29 kW
COP	4.52	2.82

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	175 %	130 %
Prated	9.80 kW	9.60 kW
SCOP	4.45	3.33
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	8.70 kW	8.50 kW
COP Tj = -7°C	3.07	2.22
Cdh Tj = -7 °C	0.970	0.980
Pdh Tj = +2°C	5.30 kW	5.20 kW
COP Tj = +2°C	4.58	3.35
Cdh Tj = +2 °C	0.970	0.980
Pdh Tj = +7°C	6.00 kW	5.90 kW
COP Tj = +7°C	5.42	4.19

Cdh Tj = +7 °C	0.970	0.980
Pdh Tj = 12°C	7.00 kW	6.80 kW
COP Tj = 12°C	6.55	5.18
Cdh Tj = +12 °C	0.970	0.980
Pdh Tj = Tbiv	8.70 kW	8.50 kW
COP Tj = Tbiv	3.07	2.22
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.90 kW	7.70 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.83	2.01
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.970	0.980
WTOL	60 °C	60 °C
Poff	18 W	18 W
PTO	36 W	25 W
PSB	20 W	20 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.90 kW	1.90 kW
Annual energy consumption Qhe	4552 kWh	5964 kWh