

Subtype AUSTRIA EMAIL LWPM 11 PRO

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 PRO
Registration number	012-C700355
Heat Pump Type	Outdoor Air/Water
Refrigerant	R290
Mass of Refrigerant	0.86 kg
Certification Date	02.10.2024
Testing basis	EN 14511:2022, EN 14825:2022, EN 16147:2017+A1:2022, EN 12102:2022

**Model AUSTRIA EMAIL LWPM 11 PRO**

Model name	AUSTRIA EMAIL LWPM 11 PRO
Application	Heating (medium temp)
Units	Indoor, 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	4.99 kW	4.45 kW
EI input	1.00 kW	1.47 kW
COP	4.97	3.03

**EN 12102-1 | Average Climate**

	Low temperature	Medium temperature
Sound power level indoor	36 dB(A)	36 dB(A)
Sound power level outdoor	53 dB(A)	53 dB(A)

**EN 14825 | Average Climate**

	Low temperature	Medium temperature
$\eta_s$	184 %	142 %
Prated	10.40 kW	10.20 kW
SCOP	4.67	3.62
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.20 kW	9.00 kW
COP Tj = -7°C	2.93	2.22
Cdh Tj = -7 °C	0.990	0.990
Pdh Tj = +2°C	5.60 kW	5.50 kW
COP Tj = +2°C	4.83	3.69
Cdh Tj = +2 °C	0.970	0.980
Pdh Tj = +7°C	5.20 kW	5.00 kW

COP Tj = +7°C	6.02	4.66
Cdh Tj = +7 °C	0.960	0.970
Pdh Tj = 12°C	5.90 kW	5.80 kW
COP Tj = 12°C	7.16	6.02
Cdh Tj = +12 °C	0.960	0.960
Pdh Tj = Tbiv	9.20 kW	9.00 kW
COP Tj = Tbiv	2.93	2.22
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.50 kW	8.30 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.72	2.01
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.990	0.990
WTOL	70 °C	70 °C
Poff	14 W	14 W
PTO	35 W	35 W
PSB	14 W	14 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	4605 kWh	5828 kWh

**Model AUSTRIA EMAIL LWPKM 11 PRO**

Model name	AUSTRIA EMAIL LWPKM 11 PRO
Application	Heating + DHW + low temp
Units	Indoor, 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 16147 | Average Climate**

Declared load profile	L
Efficiency $\eta_{DHW}$	120 %
COP	3.00
Heating up time	1h00 h:min
Standby power input	30.0 W
Reference hot water temperature	54.0 °C
Mixed water at 40°C	245 l

**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	4.99 kW	4.45 kW
El input	1.00 kW	1.47 kW
COP	4.97	3.03

**EN 12102-1 | Average Climate**

	Low temperature	Medium temperature
Sound power level indoor	36 dB(A)	36 dB(A)
Sound power level outdoor	53 dB(A)	53 dB(A)

**EN 14825 | Average Climate**

	Low temperature	Medium temperature
$\eta_s$	184 %	142 %
Prated	10.40 kW	10.20 kW

SCOP	4.67	3.62
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	9.20 kW	9.00 kW
COP Tj = -7°C	2.93	2.22
Cdh Tj = -7 °C	0.990	0.990
Pdh Tj = +2°C	5.60 kW	5.50 kW
COP Tj = +2°C	4.83	3.69
Cdh Tj = +2 °C	0.970	0.980
Pdh Tj = +7°C	5.20 kW	5.00 kW
COP Tj = +7°C	6.02	4.66
Cdh Tj = +7 °C	0.960	0.970
Pdh Tj = 12°C	5.90 kW	5.80 kW
COP Tj = 12°C	7.16	6.02
Cdh Tj = +12 °C	0.960	0.960
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PTO	35 W	35 W
PSB	14 W	14 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	4605 kWh	5828 kWh

**Model AUSTRIA EMAIL LWPM 11 PRO CONTROLBOX**

Model name	AUSTRIA EMAIL LWPM 11 PRO CONTROLBOX
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**

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Defrost test	passed
Starting and operating test	passed

**EN 14511-2 | Heating**

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COP Tj = +2°C	4.83	3.69
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Pdh Tj = +7°C	5.20 kW	5.00 kW

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Supplementary Heater: PSUP	1.90 kW	1.90 kW
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