

Subtype AUSTRIA EMAIL LWPM 14 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 14 PRO  |
| Registration number | 012-C700356  |
| 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 14 PRO**

|                                     |                           |
|-------------------------------------|---------------------------|
| Model name                          | AUSTRIA EMAIL LWPM 14 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 | 7.60 kW         | 6.70 kW            |
| EI input    | 1.61 kW         | 2.14 kW            |
| COP         | 4.73            | 3.13               |

**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 |
|----------------|-----------------|--------------------|
| $\eta_s$       | 177 %           | 142 %              |
| Prated         | 11.90 kW        | 12.60 kW           |
| SCOP           | 4.49            | 3.63               |
| Tbiv           | -7 °C           | -7 °C              |
| TOL            | -10 °C          | -10 °C             |
| Pdh Tj = -7°C  | 10.50 kW        | 11.00 kW           |
| COP Tj = -7°C  | 2.43            | 1.91               |
| Cdh Tj = -7 °C | 1.000           | 0.990              |
| Pdh Tj = +2°C  | 6.40 kW         | 6.70 kW            |
| COP Tj = +2°C  | 5.00            | 3.91               |
| Cdh Tj = +2 °C | 0.990           | 0.980              |
| Pdh Tj = +7°C  | 7.40 kW         | 4.30 kW            |

|   |             |             |
|---|-------------|-------------|
| COP Tj = +7°C                                       | 5.62        | 4.66        |
| Cdh Tj = +7 °C                                      | 0.990       | 0.960       |
| Pdh Tj = 12°C                                       | 8.40 kW     | 8.10 kW     |
| COP Tj = 12°C                                       | 6.73        | 5.50        |
| Cdh Tj = +12 °C                                     | 0.990       | 0.980       |
| Pdh Tj = Tbiv                                       | 10.50 kW    | 11.00 kW    |
| COP Tj = Tbiv                                       | 2.43        | 1.91        |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 8.70 kW     | 10.70 kW    |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.44        | 1.76        |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 1.000       | 0.990       |
| WTOL  | 70 °C       | 70 °C       |
| Poff  | 15 W        | 15 W        |
| PTO   | 35 W        | 35 W        |
| PSB   | 15 W        | 15 W        |
| PCK   | 0 W         | 0 W         |
| Supplementary Heater: Type of energy input          | Electricity | Electricity |
| Supplementary Heater: PSUP                          | 3.20 kW     | 1.90 kW     |
| Annual energy consumption Qhe                       | 5471 kWh    | 7177 kWh    |

**Model AUSTRIA EMAIL LWPM 14 PRO CONTROLBOX**

|                                     |                                      |
|-------------------------------------|--------------------------------------|
| Model name                          | AUSTRIA EMAIL LWPM 14 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**

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 | 7.60 kW         | 6.70 kW            |
| EI input    | 1.61 kW         | 2.14 kW            |
| COP         | 4.73            | 3.13               |

**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 |
|----------------|-----------------|--------------------|
| $\eta_s$       | 177 %           | 142 %              |
| Prated         | 11.90 kW        | 12.60 kW           |
| SCOP           | 4.49            | 3.63               |
| Tbiv           | -7 °C           | -7 °C              |
| TOL            | -10 °C          | -10 °C             |
| Pdh Tj = -7°C  | 10.50 kW        | 11.00 kW           |
| COP Tj = -7°C  | 2.43            | 1.91               |
| Cdh Tj = -7 °C | 1.000           | 0.990              |
| Pdh Tj = +2°C  | 6.40 kW         | 6.70 kW            |
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| Cdh Tj = +2 °C | 0.990           | 0.980              |
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| COP Tj = +7°C                                       | 5.62        | 4.66        |
| Cdh Tj = +7 °C                                      | 0.990       | 0.960       |
| Pdh Tj = 12°C                                       | 8.40 kW     | 8.10 kW     |
| COP Tj = 12°C                                       | 6.73        | 5.50        |
| Cdh Tj = +12 °C                                     | 0.990       | 0.980       |
| Pdh Tj = Tbiv                                       | 10.50 kW    | 11.00 kW    |
| COP Tj = Tbiv                                       | 2.43        | 1.91        |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 8.70 kW     | 10.70 kW    |
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| PTO   | 35 W        | 35 W        |
| PSB   | 15 W        | 15 W        |
| PCK   | 0 W         | 0 W         |
| Supplementary Heater: Type of energy input          | Electricity | Electricity |
| Supplementary Heater: PSUP                          | 3.20 kW     | 1.90 kW     |
| Annual energy consumption Qhe                       | 5471 kWh    | 7177 kWh    |

**Model AUSTRIA EMAIL LWPKM 14 PRO**

|                                     |                            |
|-------------------------------------|----------------------------|
| Model name                          | AUSTRIA EMAIL LWPKM 14 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                 | 0:55 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 | 7.60 kW         | 6.70 kW            |
| El input    | 1.61 kW         | 2.14 kW            |
| COP         | 4.73            | 3.13               |

**EN 12102-1 | Average Climate**

|                           | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor  | 36 dB(A)        | 36 dB(A)           |
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**EN 14825 | Average Climate**

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| Prated   | 11.90 kW        | 12.60 kW           |

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|---|-------------|-------------|
| SCOP  | 4.49        | 3.63        |
| Tbiv  | -7 °C       | -7 °C       |
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| Pdh Tj = -7°C                                       | 10.50 kW    | 11.00 kW    |
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| Cdh Tj = -7 °C                                      | 1.000       | 0.990       |
| Pdh Tj = +2°C                                       | 6.40 kW     | 6.70 kW     |
| COP Tj = +2°C                                       | 5.00        | 3.91        |
| Cdh Tj = +2 °C                                      | 0.990       | 0.980       |
| Pdh Tj = +7°C                                       | 7.40 kW     | 4.30 kW     |
| COP Tj = +7°C                                       | 5.62        | 4.66        |
| Cdh Tj = +7 °C                                      | 0.990       | 0.960       |
| Pdh Tj = 12°C                                       | 8.40 kW     | 8.10 kW     |
| COP Tj = 12°C                                       | 6.73        | 5.50        |
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| Pdh Tj = Tbiv                                       | 10.50 kW    | 11.00 kW    |
| COP Tj = Tbiv                                       | 2.43        | 1.91        |
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| Supplementary Heater: PSUP                          | 3.20 kW     | 1.90 kW     |
| Annual energy consumption Qhe                       | 5471 kWh    | 7177 kWh    |