

This information was generated by the HP KEYMARK database on 26 Apr 2022

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| | | | |
|---------------------|-----------------------------|----------|--------|
| Summary of | Austria Email LWPM 8 | Reg. No. | n/a |
| 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 8 | | |
| Heat Pump Type | Outdoor Air/Water | | |
| Refrigerant | R452B | | |
| Mass of Refrigerant | 1.8 kg | | |
| Certification Date | 26.04.2022 | | |

Model: Austria Email LWPM 8

| Configure model | |
|-------------------------------------|-----------------------|
| Model name | Austria Email LWPM 8 |
| 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 | 4.30 kW | 6.90 kW |
| El input | 0.93 kW | 2.41 kW |
| COP | 4.66 | 2.88 |

| 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 | 53 dB(A) | 53 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|----------------|-----------------|--------------------|
| η_s | 175 % | 128 % |
| Prated | 8.00 kW | 6.80 kW |
| SCOP | 4.45 | 3.29 |
| Tbiv | -5 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 6.02 kW | 6.02 kW |
| COP Tj = -7°C | 3.16 | 2.22 |
| Cdh Tj = -7 °C | 0.970 | 0.960 |
| Pdh Tj = +2°C | 4.31 kW | 3.66 kW |
| COP Tj = +2°C | 4.70 | 3.29 |
| Cdh Tj = +2 °C | 0.970 | 0.960 |
| Pdh Tj = +7°C | 4.44 kW | 4.27 kW |
| COP Tj = +7°C | 5.63 | 4.27 |
| Cdh Tj = +7 °C | 0.970 | 0.960 |
| Pdh Tj = 12°C | 5.04 kW | 4.97 kW |

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| | | |
|---|-------------|-------------|
| COP Tj = 12°C | 6.66 | 5.48 |
| Cdh Tj = +12 °C | 0.970 | 0.960 |
| Pdh Tj = Tbiv | 6.46 kW | 6.02 kW |
| COP Tj = Tbiv | 3.36 | 2.22 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 5.74 kW | 5.77 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.84 | 1.93 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.970 | 0.960 |
| WTOL | 60 °C | 60 °C |
| Poff | 14 W | 14 W |
| PTO | 43 W | 39 W |
| PSB | 27 W | 27 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 2.26 kW | 1.03 kW |
| Annual energy consumption Qhe | 3714 kWh | 4275 kWh |