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Login

| Summary of | AUREA 5 | Reg. No. | 012-SC1489-17 |
|---|---|---|---|
| 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 | AUREA 5 | | |
| Heat Pump Type | Outdoor Air/Water | | |
| Refrigerant | R410A | | |
| Mass of Refrigerant | 1.05 kg | | |

# Model: AUREA 5

| Configure model | |
|---|---|
| Model name | AUREA 5 |
| Application | Heating (medium temp) |
| Units | Outdoor |
| Climate Zone | n/a |
| Reversibility | No |
| Cooling mode application (optional) | n/a |

| General Data | |
|---|---|
| Power supply | 1x230V 50Hz |

## Heating

| EN 14511-2 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Heat output | 4.84 kW | 4.10 kW |
| El input | 1.20 kW | 1.58 kW |
| COP | 4.03 | 2.60 |

| EN 14511-4 | |
|---|---|
| | |
| Operating range outdoor exchanger/indoor exchanger lower limit/lower limit | passed |
| Operating range outdoor exchanger/indoor exchanger upper limit/upper limit | passed |
| Shutting off the heat transfer medium flow | passed |
| Complete power supply failure | passed |
| Defrost test | passed |

## Average Climate

| EN 12102-1 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Sound power level indoor | 0 dB(A) | 0 dB(A) |
| Sound power level outdoor | 60 dB(A) | 60 dB(A) |

| EN 14825 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| $\eta_s$ | 167 % | 119 % |
| Prated | 4.40 kW | 4.40 kW |
| SCOP | 4.25 | 3.06 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 3.89 kW | 3.89 kW |
| COP Tj = -7°C | 2.64 | 1.82 |
| Pdh Tj = +2°C | 2.37 kW | 2.37 kW |
| COP Tj = +2°C | 4.35 | 3.11 |
| Pdh Tj = +7°C | 2.16 kW | 1.92 kW |
| COP Tj = +7°C | 5.93 | 4.15 |
| Pdh Tj = 12°C | 1.15 kW | 0.96 kW |
| COP Tj = 12°C | 7.55 | 5.03 |
| Pdh Tj = Tbiv | 3.89 kW | 3.89 kW |

| | | |
|---|---|---|
| COP Tj = Tbiv | 2.64 | 1.82 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 3.72 kW | 3.41 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.57 | 1.52 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.84 | 0.89 |
| WTOL | 55 °C | 55 °C |
| Poff | 5 W | 5 W |
| PTO | 60 W | 50 W |
| PSB | 5 W | 5 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0.70 kW | 1.00 kW |
| Annual energy consumption Qhe | 2137 kWh | 2973 kWh |