

Subtype HYBRELLIA 5 - 24/28

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|---------------------|---|
| Certificate Holder | Groupe Atlantic |
| Address | Rue des Fondeurs BP 64 |
| ZIP | 59660 |
| City | Merville |
| Country | FR |
| Certification Body | RISE CERT |
| Subtype title | HYBRELLIA 5 - 24/28 |
| Registration number | 012-C700382 |
| Heat Pump Type | Outdoor Air/Water |
| Refrigerant | R32 |
| Mass of Refrigerant | 0.88 kg |
| Certification Date | 25.04.2025 |
| Testing basis | EN 14511:2022, EN 14825:2022, EN 12102:2022 |
| Testing laboratory | ACTA INDUSTRIE - Laboratoire Acoustique et Climatique |

Model HYBRELLIA 5 - 24/28

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|-------------------------------------|-----------------------|
| Model name | HYBRELLIA 5 - 24/28 |
| 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

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|------------------|-------------|
| Power supply | 1x230V 50Hz |
| Off-peak product | n/a |

Outdoor Air/Water**EN 14511-4 | Heating**

Shutting off the heat transfer medium flow passed

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|-------------------------------|--------|
| Complete power supply failure | passed |
| Defrost test | passed |
| Starting and operating test | passed |

EN 14511-2 | Heating

| | Low temperature | Medium temperature |
|-------------|-----------------|--------------------|
| Heat output | 4.00 kW | 4.00 kW |
| EI input | 0.75 kW | 1.33 kW |
| COP | 5.34 | 3.00 |

EN 12102-1 | Average Climate

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level outdoor | 52 dB(A) | 52 dB(A) |

EN 14825 | Average Climate

| | Low temperature | Medium temperature |
|----------------|-----------------|--------------------|
| η_s | 183 % | 132 % |
| Prated | 4.70 kW | 4.40 kW |
| SCOP | 4.64 | 3.36 |
| Tbiv | -7 °C | -7 °C |
| TOL | -7 °C | -7 °C |
| Pdh Tj = -7°C | 4.20 kW | 3.90 kW |
| COP Tj = -7°C | 3.27 | 2.17 |
| Cdh Tj = -7 °C | 0.990 | 0.990 |
| Pdh Tj = +2°C | 2.70 kW | 2.40 kW |
| COP Tj = +2°C | 4.87 | 3.38 |
| Cdh Tj = +2 °C | 0.980 | 0.980 |
| Pdh Tj = +7°C | 2.10 kW | 2.00 kW |
| COP Tj = +7°C | 6.56 | 4.69 |

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|---|----------|----------|
| Cdh Tj = +7 °C | 0.960 | 0.970 |
| Pdh Tj = 12°C | 2.50 kW | 2.40 kW |
| COP Tj = 12°C | 8.61 | 6.67 |
| Cdh Tj = +12 °C | 0.960 | 0.960 |
| Pdh Tj = Tbiv | 4.20 kW | 3.90 kW |
| COP Tj = Tbiv | 3.27 | 2.17 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 4.20 kW | 3.90 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 3.27 | 2.17 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.990 | 0.990 |
| WTOL | 60 °C | 60 °C |
| Poff | 5 W | 5 W |
| PTO | 13 W | 13 W |
| PSB | 9 W | 9 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | Gas | Gas |
| Supplementary Heater: PSUP | 4.70 kW | 4.40 kW |
| Annual energy consumption Qhe | 2091 kWh | 2704 kWh |