## Subtype Intelligent Inverter Heat Pump R32- P6

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|---|---|
| Certificate Holder | Guangdong PHNIX Eco-Energy Solution Ltd. |
| Address | No. 3 Tianyuan Road Dagang Town |
| ZIP | 511470 |
| City | Guangdong |
| Country | CN |
| Certification Body | BRE Global Limited |
| Subtype title | Intelligent Inverter Heat Pump R32- P6 |
| Registration number | 041-K020-07 |
| Heat Pump Type | Outdoor Air/Water |
| Refrigerant | R32 |
| Mass of Refrigerant | 1.3 kg |
| Certification Date | 05.09.2023 |
| Testing basis | Heat Pump Keymark Scheme Rules Rev 12 |
| Testing laboratory | TÜV SÜD Certification and Testing Co., Ltd. Guangzhou Branch, CN |

| Model P6 | |
|---|---|
| Model name | P6 |
| Application | Heating (medium temp) |
| Units | Outdoor |
| Climate zone (for heating) | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | n/a |
| Any additional heat sources | n/a |

| General data | |
|---|---|
| Power supply | 1x230V 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 | 5.52 kW | 5.03 kW |
| El input | 1.05 kW | 1.77 kW |
| COP | 5.26 | 2.85 |

| EN 12102-1 \| Average Climate | | |
|---|---|---|
| | Low temperature | Medium temperature |
| Sound power level outdoor | 63 dB(A) | 64 dB(A) |

| EN 14825 \| Average Climate | | |
|---|---|---|
| | Low temperature | Medium temperature |
| ηs | 176 % | 122 % |
| Prated | 3.97 kW | 4.21 kW |
| SCOP | 4.47 | 3.12 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 3.51 kW | 3.73 kW |
| COP Tj = -7°C | 3.11 | 2.11 |
| Cdh Tj = -7 °C | 0.990 | 0.990 |
| Pdh Tj = +2°C | 2.18 kW | 2.31 kW |
| COP Tj = +2°C | 4.19 | 3.00 |
| Cdh Tj = +2 °C | 0.990 | 0.990 |
| Pdh Tj = +7°C | 2.49 kW | 2.14 kW |

| | | |
|---|---|---|
| COP Tj = +7°C | 5.71 | 3.79 |
| Cdh Tj = +7 °C | 0.990 | 0.990 |
| Pdh Tj = 12°C | 2.77 kW | 2.66 kW |
| COP Tj = 12°C | 7.64 | 5.62 |
| Cdh Tj = +12 °C | 0.990 | 0.990 |
| Pdh Tj = Tbiv | 3.51 kW | 3.73 kW |
| COP Tj = Tbiv | 3.11 | 2.11 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 3.98 kW | 4.25 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.82 | 1.88 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.990 | 0.990 |
| WTOL | 52 °C | 52 °C |
| Poff | 13 W | 13 W |
| PTO | 13 W | 13 W |
| PSB | 13 W | 13 W |
| PCK | 43 W | 43 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0.00 kW | 0.00 kW |
| Annual energy consumption Qhe | 1837 kWh | 2790 kWh |