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Login

| Summary of | DC Inverter Air to Water Heat Pump Unit-R32-XC 06 | Reg. No. | 041-K027-01 |
|---|---|---|---|
| Certificate Holder | | | |
| Name | Zhongshan Amitime Electric Co., Ltd | | |
| Address | 5th Yandong Rd | Zip | |
| City | Zhongshan City - Guangdong | Country | China |
| Certification Body | BRE Global Limited | | |
| Subtype title | DC Inverter Air to Water Heat Pump Unit-R32-XC 06 | | |
| Heat Pump Type | Outdoor Air/Water | | |
| Refrigerant | R32 | | |
| Mass of Refrigerant | 0.75 kg | | |
| Certification Date | 27.06.2022 | | |
| Testing basis | Heat Pump Keymark Scheme Rules Rev 09 | | |

# Model: PAVH-06V1FXC

| Configure model | |
|---|---|
| Model name | PAVH-06V1FXC |
| Application | Heating (medium temp) |
| Units | Outdoor |
| Climate Zone | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | n/a |

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

## Heating

| EN 14511-2 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Heat output | 6.06 kW | 5.12 kW |
| El input | 1.29 kW | 1.81 kW |
| COP | 4.70 | 2.82 |

| 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

| EN 12102-1 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Sound power level outdoor | 64 dB(A) | 64 dB(A) |

| EN 14825 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| $\eta_s$ | 183 % | 136 % |
| Prated | 5.85 kW | 5.45 kW |
| SCOP | 4.65 | 3.48 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 5.17 kW | 4.82 kW |
| COP Tj = -7°C | 3.20 | 2.17 |
| Cdh Tj = -7 °C | 0.990 | 0.990 |
| Pdh Tj = +2°C | 3.23 kW | 2.97 kW |
| COP Tj = +2°C | 4.39 | 3.22 |
| Cdh Tj = +2 °C | 0.990 | 0.990 |
| Pdh Tj = +7°C | 2.90 kW | 2.75 kW |
| COP Tj = +7°C | 5.85 | 4.87 |
| Cdh Tj = +7 °C | 0.990 | 0.990 |
| Pdh Tj = 12°C | 2.31 kW | 3.39 kW |

| | | |
|---|---|---|
| COP Tj = 12°C | 9.01 | 7.52 |
| Cdh Tj = +12 °C | 0.990 | 0.990 |
| Pdh Tj = Tbiv | 5.17 kW | 4.82 kW |
| COP Tj = Tbiv | 3.20 | 2.17 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 4.68 kW | 4.19 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.93 | 1.77 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.990 | 0.990 |
| WTOL | 56 °C | 56 °C |
| Poff | 16 W | 16 W |
| PTO | 16 W | 16 W |
| PSB | 16 W | 16 W |
| PCK | 33 W | 33 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 1.17 kW | 1.26 kW |
| Annual energy consumption Qhe | 2600 kWh | 3241 kWh |