

This information was generated by the HP KEYMARK database on 18 Mar 2022

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| | | | |
|---------------------|--|----------|-------------|
| Summary of | Versati Split G1 8-10kW | Reg. No. | 041-K004-09 |
| Certificate Holder | | | |
| Name | Gree Electric Appliances, Inc. of Zhuhai | | |
| Address | West Jinji Rd | Zip | 519070 |
| City | Qianshan, Zhuhai, Guangdong | Country | China |
| Certification Body | BRE Global Limited | | |
| Subtype title | Versati Split G1 8-10kW | | |
| Heat Pump Type | Outdoor Air/Water | | |
| Refrigerant | R32 | | |
| Mass of Refrigerant | 1.6 kg | | |
| Certification Date | 20.01.2021 | | |
| Testing basis | HP Keymark Scheme Rules Rev 08 | | |

Model: GRS-CQ8.0Pd/NhH-E+SXTVD300LC/B-E

Configure model

| | |
|-------------------------------------|----------------------------------|
| Model name | GRS-CQ8.0Pd/NhH-E+SXTVD300LC/B-E |
| Application | Heating + DHW |
| Units | Indoor + Outdoor |
| Climate Zone | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | n/a |

General Data

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

Heating

EN 14511-2

| | Medium temperature |
|-------------|--------------------|
| Heat output | 7.98 kW |
| El input | 2.60 kW |
| COP | 3.06 |

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

| | Medium temperature |
|---------------------------|--------------------|
| Sound power level indoor | 42 dB(A) |
| Sound power level outdoor | 67 dB(A) |

EN 14825

| | Medium temperature |
|----------------|--------------------|
| η_s | 129 % |
| Prated | 7.00 kW |
| SCOP | 3.31 |
| Tbiv | -7 °C |
| TOL | -10 °C |
| Pdh Tj = -7°C | 6.34 kW |
| COP Tj = -7°C | 2.24 |
| Cdh Tj = -7 °C | 0.99 |
| Pdh Tj = +2°C | 4.08 kW |
| COP Tj = +2°C | 3.18 |
| Cdh Tj = +2 °C | 0.98 |
| Pdh Tj = +7°C | 4.26 kW |
| COP Tj = +7°C | 4.26 |
| Cdh Tj = +7 °C | 0.97 |

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| | |
|---|-------------|
| Pdh Tj = 12°C | 5.01 kW |
| COP Tj = 12°C | 5.93 |
| Cdh Tj = +12 °C | 0.97 |
| Pdh Tj = Tbiv | 6.34 kW |
| COP Tj = Tbiv | 2.24 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 6.29 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 1.79 |
| WTOL | 60 °C |
| Poff | 25 W |
| PTO | 25 W |
| PSB | 25 W |
| PCK | 25 W |
| Supplementary Heater: Type of energy input | Electricity |
| Supplementary Heater: PSUP | 0.70 kW |
| Annual energy consumption Qhe | 4371 kWh |

Domestic Hot Water (DHW)

Average Climate

| EN 16147 | |
|---------------------------------|-----------|
| Declared load profile | XL |
| Efficiency η_{DHW} | 116 % |
| COP | 2.76 |
| Heating up time | 2.7 h:min |
| Standby power input | 54.5 W |
| Reference hot water temperature | 52.8 °C |
| Mixed water at 40°C | 341 l |

Model: GRS-CQ10Pd/NhH-E+SXTVD300LC/B-E

| Configure model | |
|-------------------------------------|---------------------------------|
| Model name | GRS-CQ10Pd/NhH-E+SXTVD300LC/B-E |
| Application | Heating + DHW |
| Units | Indoor + Outdoor |
| Climate Zone | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | n/a |

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

Heating

| EN 14511-2 | |
|-------------|--------------------|
| | Medium temperature |
| Heat output | 9.47 kW |
| El input | 3.12 kW |
| COP | 3.04 |

| 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

This information was generated by the HP KEYMARK database on 18 Mar 2022

EN 12102-1

| | Medium temperature |
|---------------------------|--------------------|
| Sound power level indoor | 42 dB(A) |
| Sound power level outdoor | 68 dB(A) |

EN 14825

| | Medium temperature |
|----------------|--------------------|
| η_s | 127 % |
| Prated | 8.00 kW |
| SCOP | 3.25 |
| Tbiv | -7 °C |
| TOL | -10 °C |
| Pdh Tj = -7°C | 6.91 kW |
| COP Tj = -7°C | 2.12 |
| Cdh Tj = -7 °C | 0.99 |
| Pdh Tj = +2°C | 4.22 kW |
| COP Tj = +2°C | 3.09 |
| Cdh Tj = +2 °C | 0.98 |
| Pdh Tj = +7°C | 4.27 kW |
| COP Tj = +7°C | 4.34 |
| Cdh Tj = +7 °C | 0.97 |

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| | |
|---|-------------|
| Pdh Tj = 12°C | 4.91 kW |
| COP Tj = 12°C | 5.91 |
| Cdh Tj = +12 °C | 0.97 |
| Pdh Tj = Tbiv | 6.91 kW |
| COP Tj = Tbiv | 2.12 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 6.85 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 1.75 |
| WTOL | 60 °C |
| Poff | 25 W |
| PTO | 25 W |
| PSB | 25 W |
| PCK | 25 W |
| Supplementary Heater: Type of energy input | Electricity |
| Supplementary Heater: PSUP | 1.20 kW |
| Annual energy consumption Qhe | 5091 kWh |

Domestic Hot Water (DHW)

Average Climate

| EN 16147 | |
|---------------------------------|-----------|
| Declared load profile | XL |
| Efficiency η_{DHW} | 116 % |
| COP | 2.76 |
| Heating up time | 2.7 h:min |
| Standby power input | 54.5 W |
| Reference hot water temperature | 52.8 °C |
| Mixed water at 40°C | 341 l |