

Page 1 of 17

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| Summary of | Versati monobloc G1 10kW | Reg. No. | 041-K004-04 | |
|---------------------|--|---|-------------|--|
| Certificate Holder | | | | |
| Name | Gree Electric Appliances, Inc. of Zhuh | Gree Electric Appliances, Inc. of Zhuhai | | |
| Address | West Jinji Rd | West Jinji Rd Zip 519070 | | |
| City | Qianshan, Zhuhai, Guangdong | Qianshan, Zhuhai, Guangdong Country China | | |
| Certification Body | BRE Global Limited | BRE Global Limited | | |
| Subtype title | Versati monobloc G1 10kW | | | |
| Heat Pump Type | Outdoor Air/Water | | | |
| Refrigerant | R32 | | | |
| Mass of Refrigerant | 2.2 kg | | | |
| Certification Date | 18.01.2021 | 18.01.2021 | | |
| Testing basis | Scheme Rules Rev 08 | | | |



Model: GRS-CQ10Pd/NhG2-K+SXTVD300LC/B-E

| Configure model | | |
|-------------------------------------|----------------------------------|--|
| Model name | GRS-CQ10Pd/NhG2-K+SXTVD300LC/B-E | |
| Application | Heating + DHW | |
| Units | 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 | 8.50 kW | |
| El input | 3.30 kW | |
| СОР | 2.57 | |

| EN 14511-4 | | |
|--|--------|--|
| Shutting off the heat transfer medium flow | passed | |
| Complete power supply failure | passed | |
| Defrost test | passed | |
| Starting and operating test | passed | |



| EN 12102-1 | |
|---------------------------|----------|
| Medium temperature | |
| Sound power level outdoor | 69 dB(A) |

| EN 14825 | |
|------------------------|--------------------|
| | Medium temperature |
| η_{s} | 126 % |
| Prated | 8.00 kW |
| SCOP | 3.22 |
| Tbiv | -7 °C |
| TOL | -10 °C |
| Pdh Tj = -7°C | 7.10 kW |
| COP Tj = -7°C | 1.98 |
| Cdh Tj = -7 °C | 0.98 |
| Pdh Tj = +2°C | 4.50 kW |
| $COP Tj = +2^{\circ}C$ | 3.15 |
| Cdh Tj = +2 °C | 0.98 |
| Pdh Tj = +7°C | 5.73 kW |
| $COP Tj = +7^{\circ}C$ | 4.30 |
| Cdh Tj = +7 °C | 0.98 |
| Pdh Tj = 12°C | 6.40 kW |





| COP Tj = 12°C | 5.50 |
|---|-------------|
| Cdh Tj = +12 °C | 0.98 |
| Pdh Tj = Tbiv | 7.10 kW |
| COP Tj = Tbiv | 1.98 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 8.00 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 1.70 |
| WTOL | 55 °C |
| Poff | 18 W |
| РТО | 18 W |
| PSB | 18 W |
| PCK | 0 W |
| Supplementary Heater: Type of energy input | Electricity |
| Supplementary Heater: PSUP | 0.00 kW |
| Annual energy consumption Qhe | 5128 kWh |
| | |

Domestic Hot Water (DHW)





| EN 16147 | | |
|---------------------------------|------------|--|
| Declared load profile | XL | |
| Efficiency ηDHW | 110 % | |
| СОР | 2.62 | |
| Heating up time | 1:52 h:min | |
| Standby power input | 62.6 W | |
| Reference hot water temperature | 52.8 °C | |
| Mixed water at 40°C | 372 I | |

Model: GRS-CQ10Pd/NhG2-M+SXTVD300LC/B-M

| Configure model | | |
|-------------------------------------|----------------------------------|--|
| Model name | GRS-CQ10Pd/NhG2-M+SXTVD300LC/B-M | |
| Application | Heating + DHW | |
| Units | Outdoor | |
| Climate Zone | n/a | |
| Reversibility | Yes | |
| Cooling mode application (optional) | n/a | |

| General Data | | |
|--------------|-------------|--|
| Power supply | 3x400V 50Hz | |

Heating

| | EN 14511-2 |
|-------------|--------------------|
| | Medium temperature |
| Heat output | 8.50 kW |
| El input | 3.30 kW |
| СОР | 2.57 |

| EN 14511-4 | |
|--|--------|
| Shutting off the heat transfer medium flow | passed |
| Complete power supply failure | passed |
| Defrost test | passed |
| Starting and operating test | passed |



| EN 12102-1 | |
|---------------------------|--------------------|
| | Medium temperature |
| Sound power level outdoor | 69 dB(A) |

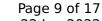
| EN 14825 | |
|------------------------|--------------------|
| | Medium temperature |
| η_{s} | 126 % |
| Prated | 8.00 kW |
| SCOP | 3.22 |
| Tbiv | -7 °C |
| TOL | -10 °C |
| Pdh Tj = -7°C | 7.10 kW |
| COP Tj = -7°C | 1.98 |
| Cdh Tj = -7 °C | 0.98 |
| Pdh Tj = +2°C | 4.50 kW |
| COP Tj = +2°C | 3.15 |
| Cdh Tj = +2 °C | 0.98 |
| Pdh Tj = +7°C | 5.73 kW |
| $COP Tj = +7^{\circ}C$ | 4.30 |
| Cdh Tj = +7 °C | 0.98 |
| Pdh Tj = 12°C | 6.40 kW |
| | |





| COP Tj = 12°C | 5.50 |
|---|-------------|
| Cdh Tj = +12 °C | 0.98 |
| Pdh Tj = Tbiv | 7.10 kW |
| COP Tj = Tbiv | 1.98 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 8.00 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 1.70 |
| WTOL | 55 °C |
| Poff | 18 W |
| РТО | 18 W |
| PSB | 18 W |
| PCK | 0 W |
| Supplementary Heater: Type of energy input | Electricity |
| Supplementary Heater: PSUP | 0.00 kW |
| Annual energy consumption Qhe | 5128 kWh |
| | |

Domestic Hot Water (DHW)





| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | XL |
| Efficiency ηDHW | 110 % |
| СОР | 2.62 |
| Heating up time | 1:52 h:min |
| Standby power input | 62.6 W |
| Reference hot water temperature | 52.8 °C |
| Mixed water at 40°C | 372 I |



Model: GRS-CQ10Pd/NhG-K+SXTVD300LC/B-E

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

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

Heating

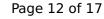
| | EN 14511-2 |
|-------------|--------------------|
| | Medium temperature |
| Heat output | 8.50 kW |
| El input | 3.30 kW |
| СОР | 2.57 |

| EN 14511-4 | |
|--|--------|
| Shutting off the heat transfer medium flow | passed |
| Complete power supply failure | passed |
| Defrost test | passed |
| Starting and operating test | passed |



| EN 12102-1 | |
|---------------------------|--------------------|
| | Medium temperature |
| Sound power level outdoor | 69 dB(A) |

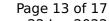
| EN 14825 | |
|-------------------------|--------------------|
| | Medium temperature |
| η_{s} | 126 % |
| Prated | 8.00 kW |
| SCOP | 3.22 |
| Tbiv | -7 °C |
| TOL | -10 °C |
| Pdh Tj = -7°C | 7.10 kW |
| COP Tj = -7°C | 1.98 |
| Cdh Tj = -7 °C | 0.98 |
| Pdh Tj = +2°C | 4.50 kW |
| COP Tj = +2°C | 3.15 |
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| Pdh Tj = $+7^{\circ}$ C | 5.73 kW |
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| Cdh Tj = +7 °C | 0.98 |
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| WTOL | 55 °C |
| Poff | 18 W |
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| PCK | 0 W |
| Supplementary Heater: Type of energy input | Electricity |
| Supplementary Heater: PSUP | 0.00 kW |
| Annual energy consumption Qhe | 5128 kWh |
| | |

Domestic Hot Water (DHW)





| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | XL |
| Efficiency ηDHW | 110 % |
| СОР | 2.62 |
| Heating up time | 1:52 h:min |
| Standby power input | 62.6 W |
| Reference hot water temperature | 52.8 °C |
| Mixed water at 40°C | 372 I |

Model: GRS-CQ10Pd/NhG-M+SXTVD300LC/B-M

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

| General Data | | |
|--------------|-------------|--|
| Power supply | 3x400V 50Hz | |

Heating

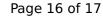
| EN 14511-2 | | |
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| | Medium temperature | |
| Heat output | 8.50 kW | |
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| СОР | 2.57 | |

| EN 14511-4 | |
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| Shutting off the heat transfer medium flow | passed |
| Complete power supply failure | passed |
| Defrost test | passed |
| Starting and operating test | passed |



| EN 12102-1 | |
|---------------------------|--------------------|
| | Medium temperature |
| Sound power level outdoor | 69 dB(A) |

| EN 14825 | |
|----------------|--------------------|
| | Medium temperature |
| η_{s} | 126 % |
| Prated | 8.00 kW |
| SCOP | 3.22 |
| Tbiv | -7 °C |
| TOL | -10 °C |
| Pdh Tj = -7°C | 7.10 kW |
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| Cdh Tj = +12 °C | 0.98 |
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| Supplementary Heater: PSUP | 0.00 kW |
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| Efficiency ηDHW | 110 % |
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